

Union Wages and Hours:

Building Trades

NO 12 86

July 1, 1965

and

Trend 1907-65

Bulletin No. 1487

UNITED STATES DEPARTMENT OF LABOR
W. Willard Wirtz, Secretary

BUREAU OF LABOR STATISTICS
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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 October 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 January 1966. This analysis provides additional data and indexes of the trend of wages and hours for the period 1907-65.

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, Office of 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, 1965

Summary

Union hourly wage scales of building-trades workers in cities of 100,000 population or more increased an average of 18 cents, or 4.1 percent, during the year ending July 1, 1965. More than 3 of every 5 trades showed an advance of 15 to 20 cents¹ in their average hourly scale according to the Bureau's 59th annual survey of union scales in the building trades.

Negotiated contract scale revisions, which became effective between July 1, 1964, and July 1, 1965, resulted in upward adjustments for 90 percent of the building-trades workers in the survey. Advances generally varied from 10 to 25 cents an hour; such increases were applicable to nearly three-fifths of the building tradesmen. Hourly scales rose 10 to 15 cents for a fifth of the workers; 15 to 20 cents for another fifth; and 20 to 25 cents for a sixth. Increases of 25 cents or more an hour affected a fourth of the building tradesmen and those of less than 10 cents, a sixteenth.

Hourly wage scales, on July 1, 1965, averaged \$4.42 for all unionized building-trades workers combined—\$4.64 for journeymen and \$3.54 for helpers and laborers. Labor-management agreements specified scales of \$4.30 to \$5 for half of the journeymen and of \$3.20 to \$3.80 for a like proportion of helpers and laborers.

Many labor-management contracts provide for employer payments to insurance (health and welfare), pension, and/or vacation funds. The inclusion of such contract stipulated payments with the basic scales raised the negotiated average for all building-trades workers, as a group, to \$4.77 an hour; for journeymen to \$5.01, and for helpers and laborers to \$3.79.

Straight-time workweek schedules averaged 39.2 hours on July 1, 1965, for all building-trades workers combined. A 40-hour weekly schedule was in effect for almost 7 of every 8 workers.

¹ For ease of reading in this and subsequent discussions of tabulations, the limits of the class intervals are designated as 15 to 20 cents, 3 to 4 percent, etc., instead of using the more precise terminology, "15 and under 20 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, 1965, and covered approximately 690,000 journeymen and 170,000 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, excluding Honolulu. 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, 1965. 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 (1965) survey. The index series, designed for trend purposes, was similarly constructed.

Wage Scale Increases, 1964-65

Rate changes in the building industry result primarily from labor-management negotiations. Many of the union contracts in effect on July 1, 1965, 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, 1964, and July 1, 1965, were included in the current study. Some of these scale revisions were provided for in contracts which became effective prior to July 1, 1964. A number of agreements negotiated during the year contained provisions for rate increases after July 1, 1965. 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.

Revisions in hourly wage scales effective during the year ending July 1, 1965, raised the level of scales for building-trades workers 4.1 percent. This rise, larger than that registered in each of the four previous 12-month periods, advanced the Bureau's index (1957-59=100) to 131.4 (table 1). Reflected in this advance were gains of 4 percent for journeymen and 4.7 percent for helpers and laborers (table 3).

The increase in average hourly wage scales, among the 24 journeymen trades surveyed, varied from 2.5 percent for electricians to 3.5 percent for tile layers. Gains of 3 to 3.5 percent were recorded by three trades, 3.5 to 4 percent by six trades, 4 to 4.5 percent by nine trades, and 4.5 to 5 percent by two crafts. For helpers and laborers, the rate of advance, except for plasterers' laborers (2 percent), varied from 3.7 percent for elevator constructors' helpers to 5.7 percent for composition roofers' helpers. Building laborers, the largest group numerically, registered a gain of 4.8 percent, as did plumbers' laborers and tile layers' helpers (table 3).

During the year ending July 1, 1965, union hourly wage scales for building-trades workers in cities of 100,000 population or more advanced 18 cents, on the average, 3 cents more than the preceding 12-month period. Journeymen, as a group, improved their average scale 18 cents, and helpers and laborers, 16 cents (table 3).

On a cents-per-hour basis, increases for the journeymen trades varied from 12 cents for electricians and plasterers to 23 cents for tile layers. Scales for carpenters rose 21 cents, on the average, while those for asbestos workers, machinists, and plumbers, moved up 20 cents. Of the remaining 17 crafts, 9 registered advances of at least 17 cents an hour. Among helpers and laborers, the increases ranged from 7 cents for plasterers' laborers to 20 cents for bricklayers' tenders. Hourly scales rose an average of 19 cents for terrazzo workers' helpers and 17 cents for three other classifications. Building laborers advanced their average 16 cents.

Between July 1, 1964, and July 1, 1965, higher hourly wage scales became effective for nine-tenths of the journeymen and for a like proportion of helpers and laborers. Scales advanced for at least 7 of every 8 workers in 29 of the 33 trades surveyed. Hourly scale increases varied from 10 to 15 cents for a sixth of the journeymen, 15 to 20 cents for slightly more than a fifth, and 20 to 25 cents for another sixth. The advance amounted to 25 cents or more for a fourth of the journeymen. For helpers and laborers, the respective proportions were three-tenths, a fifth, an eighth, and a sixth (table 6).

Wage scales for two journeymen crafts in Washington and three helper and laborer classifications in Newark decreased during the 12 months ending July 1, 1965. The decreases were occasioned by amendments to labor-management agreements which provided for the transfer of a portion of the previously negotiated wage scale to insurance and/or pension fund payments by the employer. Fewer than 1 percent of all building-trades workers were involved.

The increases for journeymen represented gains of 3 to 4 percent for slightly more than a fifth of the workers, 4 to 5 percent for a sixth, 5 to 6 percent for almost another sixth, and 2 to 3 percent for an eighth. The gain was 7 percent or more for nearly an eighth. Among helpers and laborers, the advance was 4 to 5 percent for a fifth, 5 to 6 percent for nearly a sixth, and 2 to 3 percent for almost another sixth. The rate of gain was 6 percent or more for almost a fourth and less than 2 percent for a twentieth (table 5).

Hourly Wage Scales

For all journeymen combined, hourly wage scales averaged \$4.64 on July 1, 1965. By trade, average hourly scales varied from

\$4.20 for paperhangers to \$4.91 for plumbers. Among the 22 other crafts, 9 had average scales of at least \$4.70 an hour, 7 had averages of \$4.60 to \$4.70, and only 4 had scales averaging less than \$4.40 an hour.

Hourly wage scales for journeymen showed a wide variation, ranging from \$2.05 for composition roofers in Norfolk to \$6.32 for sprinkler fitters in San Francisco. Rates of \$6 or more an hour were also in effect for some bricklayers in San Francisco, pipefitters and plumbers in San Francisco and Oakland, rodmen in Newark, and structural-iron workers in Newark and New York.

Negotiated scales varied from \$4.30 to \$5 an hour for half of the journeymen, from \$4 to \$4.30 for a sixth, from \$5 to \$5.40 for an eighth, and were \$5.40 or more for almost another eighth. Hourly wage scales of \$5 or more were stipulated in labor-management agreements for two-fifths of the pipefitters and plumbers; at least three-tenths of the asbestos workers, boilermakers, bricklayers, electricians (inside wiremen), elevator constructors, machinists, sheet-metal workers, structural-iron workers, and tile layers; for a fifth or more of the lathers, marble setters, mosaic and terrazzo workers, plasterers, and rodmen; and for a tenth or more of the workers in each of the other trades except glaziers, painters, and paperhangers. Scales of less than \$3.60 an hour were negotiated for about 2¹/₂ percent of the journeymen as a group, and in only four trades did the proportion exceed 8 percent (table 8).

Helpers and laborers, as a group, had scales averaging \$3.54 an hour, and by trade classification, averages varied from \$2.80 for composition roofers' helpers to \$3.91 for terrazzo workers' helpers. Scales averaged at least \$3.80 an hour for bricklayers' tenders, marble setters' helpers, plasterers' laborers, and tile layers' helpers. Building laborers had scales averaging \$3.43 an hour.

Labor-management contract rates for helpers and laborers also varied widely—ranging from \$1.50 an hour for composition roofers' helpers in Tampa to \$5.45 for some plasterers' laborers in New York City. Hourly scales of \$3.20 to \$3.80 were specified in agreements for half of the helpers and laborers, and at least \$3.80 for about a fourth. An eighth of the workers had scales of less than \$2.80 an hour. Some workers in each of the classifications, except composition roofers' helpers, had a scale of \$4 or more an hour. More than two-fifths of the plasterers' laborers, terrazzo workers' helpers, and tile layers' helpers had such rates (table 8).

Insurance (health and welfare), pension, and vacation 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 operation 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.²

On July 1, 1965, negotiated employer payments to insurance, pension, and/or vacation funds, or directly to the workers in lieu of these benefits, amounted to 34 cents an hour on the average for all building-trades workers, including those for whom no employer contributions were specified in their particular agreement. The comparable average was 37 cents for journeymen and 25 cents for helpers and laborers. The inclusion of contract stipulated payments with the negotiated basic scales raised the averages for individual journeymen trades by amounts ranging from 11 cents for machinists to 53 cents for plumbers. The amount of the rise was 48 cents for bricklayers, 47 cents for plasterers, and 30 cents or more for 12 other trades. Among helpers and laborers, advances ranged from 12 cents for composition roofers' helpers to 35 cents for plasterers' laborers (table 4).

City and Regional Averages

In the building industry, labor-management negotiations are generally conducted on a locality basis. Among the factors affecting the wage 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

² The prevalence of negotiated health, insurance, and pension programs for construction-trades workers were 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 present 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 15. Although some employer payments are calculated on the basis of total hours or gross payroll, these variations in the computations are not indicated in the tabulation.

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 cement finishers ranged from \$3.10 in Norfolk to \$5.90 in New York City. The range of rates among the 24 journeymen trades in six typical cities are shown in the following tabulation:

City	Scale range	Differences in—	
		Dollars per hour	Percent
Atlanta-----	\$3.05-\$5.15	\$2.10	69
Boston-----	4.20- 5.16	.96	23
Chicago-----	4.40- 5.37 ¹ / ₂	.97 ¹ / ₂	22
Dallas-----	3.00- 4.50	1.50	50
New York City-----	4.73- 6.20	1.47	31
San Francisco--			
Oakland-----	4.35- 6.31 ¹ / ₂	1.96 ¹ / ₂	45

The difference between the highest and lowest scale for helpers and laborers in each of the above cities was smaller than that for journeymen. The differences ranged from 58 cents in Atlanta to \$1.11¹/₂ in San Francisco-Oakland.

The city and regional averages presented in tables 9 and 11 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 for both journeymen, and helpers and laborers among the 68 cities surveyed. No effective scales were reported for helpers and laborers in Charlotte. Union hourly wage scales for journeymen averaged

lowest (\$3.67) in Jackson and highest (\$5.52) in New York City. Scales averaged \$5 or more in three other cities, \$4.75 to \$5 in 8 cities, \$4.50 to \$4.75 in 12 cities, \$4.25 to \$4.50 in 19 cities, \$4 to \$4.25 in 15 cities, and \$3.75 to \$4 in 8 cities (table 9).

Among helpers and laborers, average hourly scales varied from \$1.75 in Jackson to \$4.93 in New York City. They averaged \$3.75 or more in eight other cities, as did those of less than \$2.25 an hour. Average scales varied from \$3.50 to \$3.75 in 14 cities, \$3.25 to \$3.50 in 12 cities, \$3 to \$3.25 in 9 cities, \$2.50 to \$2.75 in 5 cities, and \$2.25 to \$2.50 in 5 cities (table 9).

When the 68 surveyed cities were grouped according to population size, average hourly scales for unionized building-trades workers varied directly with size of city group. In the group of cities with a million population or more, hourly scales averaged \$5.05 for journeymen and \$4.06 for helpers and laborers—73 and 85 cents, respectively, higher than those 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 helpers and laborers. The range of city averages was greater for helpers and laborers than for journeymen in each of the size groupings. The spread between the highest and lowest city averages for journeymen was widest in the group of cities with 250,000 to 500,000 population (\$1.64) and for helpers and laborers in the group of cities with 500,000 to 1,000,000 population (\$2.27). It was narrowest in the group of cities with a million population or more, 97 cents for journeymen and \$1.75 for helpers and laborers.

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.

As previously indicated, many agreements provide for employer payments to certain funds. Among the 68 individual cities surveyed, employer fund payments when averaged among all building-trades workers combined, (whether covered by a plan or not), varied

from 1 cent an hour in Jackson and San Antonio to 70 cents in New York City. It was at least 50 cents an hour in 6 other cities; 30 to 40 cents in 8 cities; 20 to 30 cents in 15 cities; 10 to 20 cents in 19 cities; and less than 10 cents in 15 others. Employer contributions typically averaged highest in the larger cities in the Middle Atlantic, Great Lakes, and Pacific regions.

When such contract-stipulated contributions were included with the basic scale, for all building-trades workers combined, negotiated averages showed a wide variation among individual cities. They ranged from \$3.42 in Jackson to \$6.09 an hour in New York. The averages varied from \$5 to \$5.50 in 8 cities; \$4.50 to \$5 in 16 cities; \$4 to \$4.50 in 25 cities; and less than \$4 in 16 other cities (table 10).

On a regional basis, average hourly scales for building-trades workers, exclusive of employer payments to funds, ranged from \$3.67 in the Southeast to \$5 in the Middle Atlantic. Hourly scales averaged \$4.64 in the Pacific, \$4.39 in the Great Lakes, and \$3.72 to \$4.24 in the other regions (table 11).

Scales for journeymen averaged highest (\$5.18) in the Middle Atlantic States and lowest (\$3.94) in the Southeast. In the highly industrialized Middle Atlantic region, all trades but one averaged more than \$4.50 an hour and 16 had scales averaging in excess of \$5 an hour. In the Southeast, 2 trades averaged less than \$3.50 an hour and 10 averaged more than \$4 an hour, of which only 2 were in excess of \$4.20 an hour. Averages of at least \$5 an hour were also registered by nine trades in the Pacific region and by one in New England.

For the nine helper and laborer classifications combined, average hourly wage scales varied from \$2.17 in the Southeast to \$4.27 in the Middle Atlantic States. In 6 of the 9 regions, all helper and laborer

classifications averaged in excess of \$3 an hour. Averages of \$3.50 or more an hour were registered by each of the classifications in the Middle Atlantic and Pacific regions, seven of those in the Great Lakes region, four in the New England and Border States, and one in the Mountain region. Only one classification, elevator constructors' helpers, in the Southeast and Southwest regions had scales averaging in excess of \$2.75 an hour (table 11).

Standard Workweek

Few unionized building-trades workers were affected by changes in the negotiated straight-time workweek during the year ending July 1, 1965. Such changes, however, reduced the average straight-time workweek from 39.3 to 39.2 hours for all building-trades workers combined and for journeymen; the average for helpers and laborers remained unchanged at 39.5 hours (table 14).

The most common workweek, 40 hours, was in effect for nearly 7 of every 8 building craftsmen. A standard workweek of 35 hours was specified in agreements for slightly more than a tenth of the building-trades workers. Such schedules affected almost three-fourths of the bricklayers' tenders, a fourth of the painters, a fifth of the bricklayers and elevator constructors' helpers, and a sixth of the elevator constructors, lathers, and mosaic and terrazzo workers. Straight-time workweeks of 30 hours were in effect for almost a fourth of the plasterers and a sixth of their helpers (table 14).

Union Scales, by City and Trade

Table 15 presents the union scales of wages and hours in effect on July 1, 1964, and July 1, 1965, together with the amount of employer contributions to insurance, pension, and vacation plans on July 1, 1965, for the individual trades in each of the 68 cities surveyed.

Table 1. Indexes of Union Hourly Wage Rates in the Building Trades, 1907-65

(1957-59=100)

Date	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
1965: July 1	131.4	130.7	135.8

Table 2. Indexes of Union Hourly Wage Rates in Each Building Trade, 1907-65

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	-	-	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
1965: July 1	130.7	131.2	124.7	131.9	129.6	130.9	130.8	131.6	125.3	134.2	127.3	129.3	131.4	129.4	130.4

Table 2. Indexes of Union Hourly Wage Rates in Each Building Trade, 1907-65—Continued

Date	(1957-59=100)														
	Plas- terers	Plum- bers	Rodmen	Roofers, compo- sition	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
1965: July 1	124.3	131.4	132.0	132.9	130.0	132.4	124.3	130.2	132.3	138.0	136.0	136.6	128.1	139.1	140.4

Table 3. Increases in Union Hourly Wage Rates in the Building Trades, July 1, 1964–July 1, 1965

Trade	Amount of increase, July 1, 1964–July 1, 1965		Trade	Amount of increase, July 1, 1964–July 1, 1965	
	Percent	Cents per hour		Percent	Cents per hour
All building trades -----	4.1	18	Journeymen—Continued		
Journeymen -----	4.0	18	Roofers, composition -----	4.0	17
Asbestos workers -----	4.4	20	Roofers, slate and tile -----	3.5	14
Boilermakers -----	3.8	18	Sheet-metal workers -----	4.1	18
Bricklayers -----	3.3	16	Stonemasons -----	2.9	13
Carpenters -----	4.7	21	Structural-iron workers -----	3.4	16
Cement finishers -----	4.6	19	Tile layers -----	5.2	23
Electricians (inside wiremen) -----	2.5	12	Helpers and laborers -----	4.7	16
Elevator constructors -----	3.7	18	Bricklayers' tenders -----	5.6	20
Glaziers -----	4.1	17	Building laborers -----	4.8	16
Lathers -----	3.6	16	Composition roofers' helpers -----	5.7	15
Machinists -----	4.3	20	Elevator constructors' helpers -----	3.7	13
Marble setters -----	3.7	16	Marble setters' helpers -----	4.6	17
Mosaic and terrazzo workers -----	4.1	18	Plasterers' laborers -----	2.0	7
Painters -----	4.2	17	Plumbers' laborers -----	4.8	17
Paperhangers -----	3.8	15	Terrazzo workers' helpers -----	5.2	19
Pipefitters -----	4.2	19	Tile layers' helpers -----	4.8	17
Plasterers -----	2.7	12			
Plumbers -----	4.1	20			
Rodmen -----	3.3	15			

Table 4. Average Union Hourly Wage Rates and Employer Contributions¹ in the Building Trades, July 1, 1965

Trade	Average rate per hour, July 1, 1965	Average employer contribution ¹ per hour, July 1, 1965	Average rate plus employer contribution per hour, July 1, 1965	Trade	Average rate per hour, July 1, 1965	Average employer contribution ¹ per hour, July 1, 1965	Average rate plus employer contribution per hour, July 1, 1965
All building trades -----	\$4.42	\$0.34	\$4.77	Journeymen—Continued			
Journeymen -----	\$4.64	\$0.37	\$5.01	Roofers, composition -----	\$4.35	\$0.23	\$4.58
Asbestos workers -----	4.71	.38	5.10	Roofers, slate and tile -----	4.25	.19	4.44
Boilermakers -----	4.90	.33	5.22	Sheet-metal workers -----	4.68	.32	5.00
Bricklayers -----	4.87	.48	5.35	Stonemasons -----	4.66	.34	4.99
Carpenters -----	4.56	.36	4.93	Structural-iron workers -----	4.74	.33	5.07
Cement finishers -----	4.42	.31	4.73	Tile layers -----	4.65	.31	4.95
Electricians (inside wiremen) -----	4.81	.35	5.15	Helpers and laborers -----	3.54	.25	3.79
Elevator constructors -----	4.90	.28	5.17	Bricklayers' tenders -----	3.80	.25	4.05
Glaziers -----	4.23	.26	4.50	Building laborers -----	3.43	.25	3.68
Lathers -----	4.65	.41	5.06	Composition roofers' helpers -----	2.80	.12	2.92
Machinists -----	4.87	.11	4.98	Elevator constructors' helpers -----	3.53	.25	3.78
Marble setters -----	4.61	.23	4.84	Marble setters' helpers -----	3.83	.21	4.04
Mosaic and terrazzo workers -----	4.67	.21	4.88	Plasterers' laborers -----	3.80	.35	4.16
Painters -----	4.28	.30	4.59	Plumbers' laborers -----	3.66	.16	3.82
Paperhangers -----	4.20	.24	4.43	Terrazzo workers' helpers -----	3.91	.14	4.05
Pipefitters -----	4.84	.41	5.25	Tile layers' helpers -----	3.84	.27	4.12
Plasterers -----	4.72	.47	5.19				
Plumbers -----	4.91	.53	5.45				
Rodmen -----	4.63	.27	4.90				

¹ Includes employer contributions to insurance (life insurance, hospitalization, medical, surgical, and other similar types of health and welfare programs) and pension funds, and vacation payments to a fund or to the worker as provided in labor-management contracts. Averages presented are for a straight-time hour; in actual practice, however, some employer payments are calculated on the basis of total hours worked or gross payroll. Average is for all workers in the classification including those for whom employer contributions were not specified in their particular contracts.

Some contracts also provide for additional payments to other funds such as holiday, apprenticeship, and unemployment benefits. Information on payments to these funds was not collected.

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

Table 5. Percent Changes in Union Hourly Wage Rates and Percent of Building-Trades Workers Affected, July 1, 1964-July 1, 1965

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.....	89.6	10.1	5.9	13.5	19.5	17.6	15.5	4.9	7.3	2.0	1.1	2.3
Journeyman.....	89.3	10.6	6.0	13.1	21.5	16.9	15.6	4.3	8.9	0.9	0.8	1.3
Asbestos workers.....	91.1	5.9	10.4	7.2	28.3	10.4	8.8	3.2	12.8	2.3	5.3	2.4
Boilermakers.....	93.2	6.8	2.0	18.5	20.7	14.9	34.4	-	1.7	-	-	-
Bricklayers.....	89.2	10.8	5.3	19.0	40.3	11.1	8.3	3.5	(¹)	-	1.5	.4
Carpenters.....	94.3	5.7	4.8	11.8	14.5	19.0	17.7	4.1	21.6	.2	.4	.1
Cement finishers.....	93.3	6.7	10.5	13.7	23.2	21.9	1.4	3.9	1.9	3.1	-	13.8
Electricians (inside wiremen).....	66.2	33.8	8.3	10.4	26.6	6.3	3.5	-	5.1	3.8	-	2.2
Elevator constructors.....	94.7	5.3	1.4	33.2	24.8	19.9	1.7	12.8	-	-	.8	-
Glaziers.....	92.4	7.6	4.6	13.2	15.5	28.1	16.7	12.5	1.9	-	-	-
Lathers.....	92.0	8.0	14.5	12.1	27.7	13.9	13.4	8.1	.7	-	-	1.7
Machinists.....	98.3	1.7	14.9	2.1	6.4	59.8	1.9	7.0	5.6	.6	-	-
Marble setters.....	94.0	6.0	6.1	21.8	31.9	8.7	5.8	15.7	-	1.9	1.6	.5
Mosaic and terrazzo workers.....	88.6	11.4	3.3	15.5	29.3	5.2	6.6	20.0	6.2	2.2	-	.5
Painters.....	96.7	3.3	2.5	14.3	34.0	18.0	20.0	5.2	.5	1.4	-	.9
Paperhangers.....	95.5	4.5	2.4	16.9	39.7	17.3	14.0	4.1	.2	.3	-	.6
Pipefitters.....	88.8	11.2	6.4	13.1	10.4	21.6	23.9	3.1	6.1	1.4	-	2.8
Plasterers.....	76.0	24.0	4.4	14.3	33.0	6.8	9.4	8.1	-	-	(¹)	-
Plumbers.....	83.9	16.1	4.7	12.8	14.1	14.5	22.3	6.0	4.2	1.4	-	3.9
Rodmen.....	88.2	11.8	16.3	12.0	19.2	28.7	7.6	1.7	2.6	-	-	-
Roofers, composition.....	94.2	5.8	5.2	15.2	23.9	19.3	19.6	2.0	8.8	-	-	.2
Roofers, slate and tile.....	95.4	4.6	18.7	15.9	15.6	26.0	17.0	1.0	1.2	-	-	-
Sheet-metal workers.....	89.1	9.6	2.9	12.7	23.8	13.4	25.1	3.5	-	-	7.6	-
Stonemasons.....	88.9	11.1	13.2	20.2	38.9	6.3	1.7	8.3	-	-	.2	-
Structural-iron workers.....	88.7	11.3	15.6	11.0	20.2	25.1	5.2	11.4	-	-	-	-
Tile layers.....	92.4	7.6	4.6	12.7	23.6	8.8	14.8	-	15.8	-	-	12.1
Helpers and laborers.....	90.6	8.6	5.5	15.3	11.6	20.2	15.3	7.2	.5	6.5	2.4	6.0
Bricklayers' tenders.....	88.9	9.3	4.3	2.2	9.4	25.8	8.3	8.7	-	24.6	-	5.5
Building laborers.....	94.0	5.4	6.4	18.8	11.0	19.1	18.4	6.8	-	3.6	2.9	7.0
Composition roofers' helpers.....	98.5	1.5	-	15.4	18.7	13.4	21.3	-	10.3	9.5	-	9.9
Elevator constructors' helpers.....	96.1	3.9	2.2	35.4	24.1	18.1	4.6	10.9	-	-	.8	-
Marble setters' helpers.....	96.4	3.6	2.8	14.5	34.7	6.7	16.1	9.9	4.9	2.4	-	4.4
Plasterers' laborers.....	56.8	41.1	4.9	6.4	11.1	17.7	8.6	5.2	1.4	-	-	1.5
Plumbers' laborers.....	90.8	9.2	4.8	3.2	21.2	28.5	9.1	9.8	1.2	-	13.1	-
Terrazzo workers' helpers.....	94.5	5.5	1.8	10.5	11.3	27.6	11.1	8.9	16.7	1.7	4.5	.5
Tile layers' helpers.....	95.7	4.3	1.2	25.2	17.3	15.9	14.8	6.1	4.3	-	-	11.0

¹ Less than 0.05 percent.

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

Table 6. Cents-Per-Hour Increases in Union Hourly Wage Rates and Percent of Building-Trades Workers Affected, July 1, 1964-July 1, 1965

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 and under 40 cents	40 and under 45 cents	45 cents and over
All building trades	89.6	1.1	3.8	2.0	13.6	6.1	21.9	16.6	8.3	5.8	2.4	6.4	1.6
Journeyman	89.3	1.3	3.3	1.5	11.5	5.7	22.3	17.4	9.8	7.1	2.0	5.4	1.9
Asbestos workers	91.1	4.0	3.6	2.8	6.3	1.9	28.2	11.6	8.7	4.1	12.1	-	7.7
Boilermakers	93.2	-	2.0	-	12.7	-	25.1	17.2	31.2	3.2	1.7	-	-
Bricklayers	89.2	.6	1.3	.9	19.2	1.5	27.7	23.5	9.8	2.8	-	-	1.9
Carpenters	94.3	-	3.1	2.2	10.3	6.1	22.7	16.5	7.5	10.5	2.8	12.5	.1
Cement finishers	93.3	-	9.8	1.2	13.9	6.8	25.5	13.5	5.8	1.2	-	1.9	13.8
Electricians (inside wiremen)	66.2	7.0	-	1.3	8.4	8.0	20.6	7.0	2.9	3.0	-	7.5	.6
Elevator constructors	94.7	-	1.4	.8	13.0	9.2	39.8	18.5	2.8	8.3	.8	-	-
Glaziers	92.4	1.2	3.4	.6	12.9	10.2	21.4	30.9	4.0	.9	6.9	-	-
Lathers	92.0	8.2	1.0	1.8	14.0	6.0	13.4	27.1	16.7	2.2	-	-	1.7
Machinists	98.3	-	-	14.9	1.4	.7	12.4	36.7	19.0	7.0	.6	5.6	-
Marble setters	94.0	4.8	.2	1.7	21.3	1.0	37.4	4.3	8.4	11.0	1.9	.5	1.6
Mosaic and terrazzo workers	88.6	1.2	2.1	.5	12.2	8.5	26.0	4.4	7.3	3.0	23.0	.5	-
Painters	96.7	.2	2.3	.1	16.0	13.0	23.7	26.9	9.2	4.4	-	-	.9
Paperhangers	95.5	-	2.4	1.9	17.1	15.7	30.5	13.6	10.7	3.1	-	.6	-
Pipefitters	88.8	2.2	2.4	3.0	10.7	1.3	14.8	13.1	22.7	7.3	4.6	2.5	4.2
Plasterers	76.0	.7	2.4	.2	13.3	7.4	30.9	6.5	14.5	-	(¹)	-	-
Plumbers	83.9	2.0	1.8	2.0	7.5	-	21.7	12.2	5.1	21.7	3.2	2.7	3.9
Rodmen	88.2	.7	14.2	-	10.6	4.7	15.6	27.5	10.6	4.3	-	-	-
Roofers, composition	94.2	1.6	4.1	-	14.3	6.1	25.6	19.1	13.3	3.8	6.2	-	-
Roofers, slate and tile	95.4	.5	18.2	-	14.3	3.3	27.9	22.6	6.4	1.3	-	.9	-
Sheet-metal workers	89.1	.8	2.1	-	12.1	5.1	21.4	18.3	19.6	2.1	-	-	7.6
Stonemasons	88.9	6.7	.2	.9	22.0	1.3	38.9	8.6	6.4	3.7	-	-	.2
Structural-iron workers	88.7	1.0	14.4	.1	8.5	4.3	16.8	25.7	8.0	5.2	-	4.5	-
Tile layers	92.4	.4	.7	5.7	8.7	7.6	25.1	4.6	11.6	-	15.8	.5	11.6
Helpers and laborers	90.6	(¹)	5.9	4.3	21.8	7.7	20.1	13.7	2.0	.2	4.0	10.6	.3
Bricklayers' tenders	88.9	-	4.3	2.5	11.8	7.6	19.5	10.8	2.5	-	1.1	29.0	-
Building laborers	94.0	-	6.7	4.3	25.3	7.7	19.8	15.6	1.1	-	5.2	8.3	-
Composition roofers' helpers	98.5	-	10.7	4.5	42.5	-	13.4	-	17.5	7.4	2.5	-	-
Elevator constructors' helpers	96.1	1.3	2.4	16.0	30.3	19.0	17.4	8.9	.8	-	-	-	-
Marble setters' helpers	96.4	.3	3.6	-	17.7	8.2	32.4	19.4	8.0	-	4.9	-	1.9
Plasterers' laborers	56.8	-	4.9	8.5	11.4	4.7	15.5	6.0	3.3	1.1	1.5	-	-
Plumbers' laborers	90.8	-	6.0	2.0	5.2	12.4	37.4	7.7	7.0	-	-	13.1	-
Terrazzo workers' helpers	94.5	.8	3.7	-	16.7	3.1	27.3	15.3	6.5	.1	20.5	-	.5
Tile layers' helpers	95.7	.2	1.6	-	29.0	5.2	28.5	13.5	6.8	-	-	-	11.0

¹ Less than 0.05 percent.

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

Table 7. Increases in Union Hourly Wage Rates in the Building Trades by City and Population Group, July 1, 1964-July 1, 1965

City and population group	Percent of increase			Cents per hour		
	All trades	Journeyman	Helpers and laborers	All trades	Journeyman	Helpers and laborers
Population group I (1,000,000 and over):						
Chicago, Ill.	4.3	4.3	4.4	19	20	16
Detroit, Mich.	6.2	5.6	11.2	26	24	39
Los Angeles, Calif.	4.0	4.4	2.4	18	21	9
New York, N. Y.	5.4	4.9	7.7	28	26	35
Philadelphia, Pa.	4.0	3.6	6.6	17	16	20
Population group II (500,000 to 1,000,000):						
Baltimore, Md.	3.9	3.6	4.8	14	15	12
Boston, Mass.	4.6	4.3	5.9	20	20	20
Buffalo, N. Y.	1.8	2.2	0	7	10	0
Cincinnati, Ohio	2.5	2.3	4.5	11	10	15
Cleveland, Ohio	6.5	6.6	6.2	29	30	25
Dallas, Tex.	2.5	2.8	0	9	11	0
Houston, Tex.	2.4	2.2	4.5	9	9	11
Milwaukee, Wis.	4.0	3.9	4.4	16	16	15
New Orleans, La.	2.5	3.0	.2	9	11	(¹)
Pittsburgh, Pa.	3.4	3.2	4.5	15	15	15
St. Louis, Mo.	3.5	3.6	2.3	15	16	8
San Antonio, Tex.	1.8	2.0	.2	7	8	(¹)
San Diego, Calif.	5.6	4.7	9.0	25	22	32
San Francisco-Oakland, Calif.	5.8	6.0	5.0	26	29	19
Seattle, Wash.	3.3	2.9	5.9	14	13	20
Washington, D. C.	2.2	2.2	2.0	9	10	6
Population group III (250,000 to 500,000):						
Atlanta, Ga.	3.3	3.6	.2	12	14	1
Birmingham, Ala.	2.5	2.2	4.2	9	9	10
Columbus, Ohio	3.1	3.1	3.2	13	13	10
Dayton, Ohio	2.5	2.3	4.0	10	10	13
Denver, Colo.	3.8	3.6	5.1	15	15	15
Indianapolis, Ind.	3.7	3.8	3.4	15	16	10
Kansas City, Mo.	3.2	2.9	6.2	13	12	19
Louisville, Ky.	2.5	2.3	3.2	10	10	10
Memphis, Tenn.	3.0	2.9	3.3	11	12	7
Minneapolis-St. Paul, Minn.	3.7	3.5	4.2	14	14	15
Newark, N. J.	3.0	3.6	² 2.9	15	19	² 12
Norfolk, Va.	3.1	2.8	5.2	10	10	10
Oklahoma City, Okla.	3.4	3.6	1.9	12	14	5
Omaha, Neb.	3.1	3.0	3.4	12	12	10
Phoenix, Ariz.	.6	.7	.2	3	3	1
Portland, Oreg.	5.1	4.7	9.3	21	20	31
Rochester, N. Y.	5.4	5.3	5.8	23	24	20
Tampa, Fla.	3.4	3.3	3.6	12	12	8
Toledo, Ohio	3.5	3.6	2.9	15	16	10
Tulsa, Okla.	1.8	1.7	3.5	7	7	10
Population group IV (100,000 to 250,000):						
Albuquerque, N. Mex.	2.1	1.6	5.3	8	7	15
Charlotte, N. C.	4.3	4.3	-	15	15	-
Des Moines, Iowa	4.3	4.3	4.2	17	18	14
Erie, Pa.	3.2	3.0	4.0	13	13	13
Evansville, Ind.	4.2	4.2	4.2	17	17	12
Fresno, Calif.	4.7	4.6	4.9	21	22	18
Grand Rapids, Mich.	4.1	4.0	5.3	16	16	16
Jackson, Miss.	3.0	2.9	5.1	10	10	9
Jacksonville, Fla.	4.1	4.0	6.1	14	15	10
Knoxville, Tenn.	4.2	4.4	3.3	15	17	8
Little Rock, Ark.	4.4	4.4	4.4	16	17	10
Lubbock, Tex.	2.8	2.8	3.0	10	10	7
Lubbock, Tex.	2.8	2.8	3.0	10	10	7
Madison, Wis.	5.2	5.0	6.0	20	20	20
Madison, Wis.	2.2	2.4	1.6	9	11	5
New Haven, Conn.	1.9	1.3	3.3	8	6	12
Peoria, Ill.	3.5	3.2	5.1	13	13	16
Providence, R. I.	2.8	2.6	5.3	10	10	10
Richmond, Va.	3.5	2.6	5.3	10	10	10
Sacramento, Calif.	6.4	6.4	5.6	29	30	20
Salt Lake City, Utah	3.8	3.5	5.2	15	15	15
Scranton, Pa.	3.0	2.8	4.1	11	11	13
Shreveport, La.	4.1	3.8	6.0	14	14	12
South Bend, Ind.	3.7	3.0	6.3	14	12	20
Spokane, Wash.	2.2	2.3	1.8	9	10	6
Springfield, Mass.	3.7	4.0	2.7	15	17	8
Springfield, N. Y.	4.2	3.9	5.5	18	18	20
Topeka, Kans.	3.3	3.2	3.7	12	13	10
Trenton, N. J.	3.6	2.9	5.6	16	14	19

¹ Less than 0.5 cents.² Decrease caused by the transfer of part of the negotiated scale to newly established insurance and pension funds as provided in amended agreements for some trade classification.

Table 8. Distribution of Union Members in the Building Trades by Hourly Wage Rates, July 1, 1965

Trade	Average hourly rate	Percent of union journeymen whose rates (in cents) per hour were—																			
		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 under 560	560 and over
Journeymen.....	\$4.64	2.4	1.0	1.5	2.1	2.1	5.0	6.4	5.3	6.3	9.3	6.5	10.5	7.3	6.4	3.7	4.0	3.1	5.2	4.3	7.4
Asbestos workers.....	4.71	-	-	.8	2.1	1.6	1.0	8.0	6.2	8.4	7.0	5.4	14.0	3.9	6.3	2.5	11.0	8.1	4.5	3.8	5.3
Boilermakers.....	4.90	-	-	-	-	-	-	-	-	8.1	20.7	4.6	1.9	13.9	3.5	7.5	-	-	27.4	9.2	3.2
Bricklayers.....	4.87	.1	-	.4	-	-	3.1	2.7	3.3	4.6	8.0	5.1	12.2	9.6	9.9	2.0	5.3	11.3	3.6	4.0	14.7
Carpenters.....	4.56	2.8	1.5	2.6	3.0	1.5	6.7	9.3	3.7	5.7	10.5	5.2	17.6	7.3	8.0	1.6	.1	-	-	-	13.1
Cement finishers.....	4.42	7.3	1.4	2.3	-	5.3	7.3	6.1	9.7	14.4	11.8	4.6	7.8	-	7.9	.8	5.4	.2	.1	.6	7.0
Electricians (inside wiremen).....	4.81	(¹)	.6	-	-	.7	.6	5.7	5.9	6.1	8.0	3.3	9.2	7.5	4.9	11.2	7.2	2.7	15.6	10.9	-
Elevator constructors.....	4.90	-	-	.6	1.4	2.2	5.1	9.6	6.3	6.2	8.0	6.5	2.2	7.1	6.1	2.2	12.9	5.1	-	18.6	
Glassiers.....	4.23	12.9	3.2	8.8	4.2	4.2	9.5	.6	7.8	9.6	3.0	16.5	9.2	1.6	-	-	2.0	-	-	6.9	
Lathers.....	4.65	.4	1.0	2.1	1.7	2.3	4.5	2.9	5.0	10.8	6.0	15.5	13.2	2.3	2.8	7.2	4.5	-	9.2	-	8.5
Marchinists.....	4.87	-	-	-	-	-	1.4	1.6	.4	-	16.3	7.0	16.0	3.0	.4	22.5	7.0	1.7	-	17.2	5.6
Marble setters.....	4.61	4.1	.5	.5	2.9	1.1	3.4	7.0	4.5	3.7	7.1	6.1	11.5	3.7	2.4	13.4	26.6	-	1.6	-	-
Mosaic and terrazzo workers.....	4.67	3.5	3.9	1.1	2.4	1.4	2.6	7.5	9.6	.6	8.2	5.9	8.0	11.5	3.0	3.7	9.2	-	-	-	17.7
Painters.....	4.28	6.6	2.9	2.1	4.7	5.8	10.5	7.5	4.8	7.2	11.8	4.6	8.2	16.7	4.1	.4	.5	2	1.1	.5	-
Paperhangers.....	4.20	11.1	3.4	1.5	.9	9.2	12.8	11.9	4.2	11.7	10.0	7.2	-	1.6	10.2	2.8	1.0	.4	-	-	-
Pipefitters.....	4.84	-	-	1.3	-	.4	2.3	3.6	6.3	6.7	9.0	12.4	3.2	4.7	3.6	4.6	7.2	12.9	8.4	7.1	6.5
Plasterers.....	4.72	.8	(¹)	-	4.6	1.5	2.4	3.3	11.0	6.6	6.5	12.5	4.6	8.7	9.0	-	5.5	.4	-	22.4	-
Plumbers.....	4.91	-	-	.5	4.2	4.2	2.3	2.9	5.7	4.7	10.3	8.9	3.8	6.8	3.9	8.7	8.0	1.5	6.8	17.2	7.9
Rodmen.....	4.63	1.6	.4	.2	4.5	4.3	8.3	1.9	4.2	5.8	9.8	10.9	4.4	-	14.7	7.6	5.8	1.5	6.5	-	7.6
Roofers, composition.....	4.35	11.4	4.4	3.6	3.6	1.9	4.8	8.5	6.6	6.0	1.8	10.1	5.6	-	9.4	4.1	2.4	5.8	9.9	-	-
Roofers, slate and tile.....	4.25	17.1	6.0	4.5	2.4	4.8	1.5	8.9	4.3	14.1	1.5	1.1	6.9	2.0	9.9	-	4.7	2.2	2.9	3.1	2.1
Sheet-metal workers.....	4.68	1.1	-	.1	1.5	4.3	2.8	8.4	10.9	8.5	4.6	4.8	7.0	5.6	2.1	1.1	3.3	12.0	12.5	9.4	-
Stonemasons.....	4.66	-	-	-	-	-	6.2	2.6	3.0	20.3	14.3	4.8	7.8	14.3	2.8	5.4	.5	1.7	5.0	3.8	7.4
Structural-iron workers.....	4.74	2.1	-	-	2.4	3.9	4.4	4.8	4.8	3.0	7.9	10.2	3.1	2.2	9.4	6.7	21.2	-	6.5	.3	7.0
Tile layers.....	4.65	2.1	1.6	1.3	4.8	1.3	1.7	5.5	13.9	2.7	2.7	6.4	7.1	9.5	3.3	2.8	.3	-	32.8	-	-
		Percent of union helpers and laborers whose rates (in cents) per hour were—																			
		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 under 440	440 and over
Helpers and laborers.....	3.54	7.4	1.6	1.2	1.3	1.1	4.1	2.1	2.4	4.4	4.8	2.4	5.5	6.8	22.5	9.1	5.8	0.9	2.0	3.1	11.5
Bricklayers' tenders.....	3.80	5.4	2.4	1.0	.4	.4	5.9	1.2	1.5	3.1	3.6	4.4	5.2	5.4	10.3	10.1	6.6	3.3	1.8	1.5	26.4
Building laborers.....	3.43	8.6	1.3	1.1	1.5	1.2	4.1	2.3	2.6	5.1	5.5	1.0	6.2	6.5	29.8	9.7	5.4	-	.6	1.1	6.5
Composition roofers' helpers.....	2.80	38.4	-	-	-	5.2	-	8.4	4.3	-	6.7	13.4	-	14.1	-	9.6	-	-	-	-	-
Elevator constructors' helpers.....	3.53	1.2	-	-	-	1.6	2.7	10.8	7.6	10.4	8.2	8.6	5.3	16.3	5.7	-	-	-	-	-	21.6
Marble setters' helpers.....	3.83	3.4	-	1.1	.6	-	-	-	1.5	1.6	1.6	8.0	3.6	.8	10.8	5.9	17.9	12.9	10.6	-	19.7
Plasterers' laborers.....	3.80	5.1	4.9	3.5	1.0	-	4.4	.2	1.0	1.4	1.8	5.7	1.9	7.3	4.4	6.2	3.6	1.9	4.7	23.8	17.2
Plumbers' laborers.....	3.66	1.6	1.3	.6	2.5	5.6	2.6	2.6	1.9	5.1	6.9	.6	-	12.3	3.2	7.9	16.7	-	9.7	5.8	13.1
Terrazzo workers' helpers.....	3.91	3.0	1.4	.5	.5	.3	.3	-	2.9	1.6	.6	4.0	5.5	3.2	8.5	4.4	13.6	3.2	12.9	13.3	20.4
Tile layers' helpers.....	3.84	1.1	-	.2	1.2	-	-	-	2.7	.9	.4	9.3	5.7	8.4	7.4	5.8	8.1	6.6	23.8	2.1	16.3

¹ Less than 0.05 percent.

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

Table 9. Average Union Hourly Wage Rates in the Building Trades by City and Population Group, July 1, 1965

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.	\$5.52	New York, N. Y.	\$4.93
<u>Average for group I</u>	5.05	<u>Average for group I</u>	4.06
Los Angeles, Calif.	4.93	Los Angeles, Calif.	3.71
Chicago, Ill.	4.90	Chicago, Ill.	3.69
Philadelphia, Pa.	4.74	Detroit, Mich.	3.66
Detroit, Mich.	4.55	Philadelphia, Pa.	3.18
Population group II (500,000 to 1,000,000):		Population group II (500,000 to 1,000,000):	
San Francisco-Oakland, Calif.	5.07	Cleveland, Ohio	4.26
San Diego, Calif.	4.95	San Francisco-Oakland, Calif.	3.96
Pittsburgh, Pa.	4.93	San Diego, Calif.	3.83
Cleveland, Ohio	4.80	Seattle, Wash.	3.61
Boston, Mass.	4.74	St. Louis, Mo.	3.57
<u>Average for group II</u>	4.64	Pittsburgh, Pa.	3.55
St. Louis, Mo.	4.60	Buffalo, N. Y.	3.52
Seattle, Wash.	4.56	Boston, Mass.	3.49
Buffalo, N. Y.	4.55	Cincinnati, Ohio	3.49
Washington, D. C.	4.52	Milwaukee, Wis.	3.49
Cincinnati, Ohio	4.45	<u>Average for group II</u>	3.39
Baltimore, Md.	4.39	Washington, D. C.	2.93
Milwaukee, Wis.	4.32	Baltimore, Md.	2.73
Houston, Tex.	4.24	Houston, Tex.	2.61
Dallas, Tex.	4.11	New Orleans, La.	2.31
San Antonio, Tex.	4.00	Dallas, Tex.	2.18
New Orleans, La.	3.95	San Antonio, Tex.	1.99
Population group III (250,000 to 500,000):		Population group III (250,000 to 500,000):	
Newark, N. J.	5.41	Newark, N. J.	4.07
Rochester, N. Y.	4.76	Rochester, N. Y.	3.69
Toledo, Ohio	4.56	Minneapolis-St. Paul, Minn.	3.65
Phoenix, Ariz.	4.52	Portland, Oreg.	3.65
Indianapolis, Ind.	4.47	Toledo, Ohio	3.61
Portland, Oreg.	4.41	Phoenix, Ariz.	3.38
Denver, Colo.	4.39	Dayton, Ohio	3.30
Dayton, Ohio	4.38	Columbus, Ohio	3.26
<u>Average for group III</u>	4.37	Kansas City, Mo.	3.26
Kansas City, Mo.	4.30	<u>Average for group III</u>	3.24
Columbus, Ohio	4.26	Denver, Colo.	3.15
Louisville, Ky.	4.25	Louisville, Ky.	3.14
Omaha, Nebr.	4.19	Indianapolis, Ind.	3.13
Atlanta, Ga.	4.18	Omaha, Nebr.	2.99
Minneapolis-St. Paul, Minn.	4.18	Tulsa, Okla.	2.99
Memphis, Tenn.	4.13	Oklahoma City, Okla.	2.74
Birmingham, Ala.	4.09	Birmingham, Ala.	2.46
Oklahoma City, Okla.	4.08	Atlanta, Ga.	2.45
Tulsa, Okla.	4.02	Memphis, Tenn.	2.20
Tampa, Fla.	3.87	Tampa, Fla.	2.19
Norfolk, Va.	3.77	Norfolk, Va.	1.97
Population group IV (100,000 to 250,000):		Population group IV (100,000 to 250,000):	
Trenton, N. J.	5.11	Peoria, Ill.	3.85
Fresno, Calif.	4.95	Fresno, Calif.	3.82
Sacramento, Calif.	4.91	Sacramento, Calif.	3.81
Syracuse, N. Y.	4.65	Syracuse, N. Y.	3.79
New Haven, Conn.	4.52	Trenton, N. J.	3.66
Peoria, Ill.	4.51	Madison, Wis.	3.55
Spokane, Wash.	4.41	New Haven, Conn.	3.51
Springfield, Mass.	4.38	Des Moines, Iowa	3.48
Des Moines, Iowa	4.35	Spokane, Wash.	3.42
Albuquerque, N. Mex.	4.34	Erie, Pa.	3.32
<u>Average for group IV</u>	4.31	South Bend, Ind.	3.28
Grand Rapids, Mich.	4.29	Scranton, Pa.	3.25
Evansville, Ind.	4.27	Grand Rapids, Mich.	3.23
Salt Lake City, Utah	4.27	Providence, R. I.	3.23
South Bend, Ind.	4.27	<u>Average for group IV</u>	3.21
Madison, Wis.	4.19	Springfield, Mass.	3.20
Providence, R. I.	4.17	Evansville, Ind.	3.07
Topeka, Kans.	4.07	Salt Lake City, Utah	3.07
Scranton, Pa.	4.06	Albuquerque, N. Mex.	2.89
Knoxville, Tenn.	4.00	Topeka, Kans.	2.72
Little Rock, Ark.	3.91	Lubbock, Tex.	2.52
Jacksonville, Fla.	3.91	Little Rock, Ark.	2.39
Lubbock, Tex.	3.86	Knoxville, Tenn.	2.38
Richmond, Va.	3.81	Shreveport, La.	2.06
Erie, Pa.	3.79	Richmond, Va.	1.98
Shreveport, La.	3.78	Jacksonville, Fla.	1.76
Charlotte, N. C.	3.70	Jackson, Miss.	1.75
Jackson, Miss.	3.67		

Table 10. Average Union Hourly Wage Rates and Employer Contributions¹ in the Building Trades by City and Population Group, July 1, 1965

City	Average rate per hour, July 1, 1965	Average employer contribution ¹ per hour, July 1, 1965	Average rate plus employer contribution per hour, July 1, 1965
All cities.....	\$4.42	\$0.34	\$4.77
Population group I (1,000,000 and over):			
Chicago, Ill.....	\$4.72	\$0.31	\$5.03
Detroit, Mich.....	4.44	.53	4.97
Los Angeles, Calif.....	4.62	.55	5.17
New York, N.Y.....	5.40	.70	6.09
Philadelphia, Pa.....	4.41	.31	4.72
Population group II (500,000 to 1,000,000):			
Baltimore, Md.....	3.84	.17	4.00
Boston, Mass.....	4.47	.29	4.76
Buffalo, N.Y.....	4.32	.27	4.60
Cincinnati, Ohio.....	4.32	.18	4.50
Cleveland, Ohio.....	4.74	.29	5.04
Dallas, Tex.....	3.75	.08	3.83
Houston, Tex.....	3.96	.14	4.10
Milwaukee, Wis.....	4.13	.45	4.57
New Orleans, La.....	3.54	.13	3.67
Pittsburgh, Pa.....	4.69	.33	5.02
St. Louis, Mo.....	4.43	.38	4.81
San Antonio, Tex.....	3.65	.01	3.66
San Diego, Calif.....	4.68	.51	5.19
San Francisco-Oakland, Calif.....	4.83	.60	5.43
Seattle, Wash.....	4.41	.31	4.72
Washington, D.C.....	4.11	.20	4.31
Population group III (250,000 to 500,000):			
Atlanta, Ga.....	3.94	.13	4.08
Birmingham, Ala.....	3.72	.08	3.80
Columbus, Ohio.....	4.07	.16	4.22
Dayton, Ohio.....	4.19	.18	4.37
Denver, Colo.....	4.12	.10	4.22
Indianapolis, Ind.....	4.19	.13	4.32
Kansas City, Mo.....	4.17	.19	4.36
Louisville, Ky.....	4.04	.16	4.20
Memphis, Tenn.....	3.88	.07	3.95
Minneapolis-St. Paul, Minn.....	4.03	.27	4.30
Newark, N.J.....	5.24	.58	5.82
Norfolk, Va.....	3.42	.03	3.44
Oklahoma City, Okla.....	3.80	.03	3.84
Omaha, Nebr.....	3.87	.13	4.01
Phoenix, Ariz.....	4.31	.22	4.54
Portland, Oreg.....	4.32	.31	4.63
Rochester, N.Y.....	4.54	.18	4.72
Tampa, Fla.....	3.59	.07	3.67
Toledo, Ohio.....	4.37	.21	4.58
Tulsa, Okla.....	3.88	.06	3.95
Population group IV (100,000 to 250,000):			
Albuquerque, N. Mex.....	4.10	.16	4.26
Charlotte, N.C.....	3.70	.08	3.78
Des Moines, Iowa.....	4.21	.19	4.39
Erie, Pa.....	4.12	.16	4.29
Evansville, Ind.....	4.09	.16	4.25
Fresno, Calif.....	4.67	.47	5.14
Grand Rapids, Mich.....	4.11	.23	4.34
Jackson, Miss.....	3.41	.01	3.42
Jacksonville, Fla.....	3.62	.06	3.68
Knoxville, Tenn.....	3.59	.02	3.62
Little Rock, Ark.....	3.75	.06	3.81
Lubbock, Tex.....	3.55	.02	3.57
Madison, Wis.....	4.04	.06	4.10
New Haven, Conn.....	4.26	.29	4.55
Peoria, Ill.....	4.29	.10	4.39
Providence, R.I.....	3.96	.24	4.20
Richmond, Va.....	3.51	.04	3.55
Sacramento, Calif.....	4.82	.66	5.49
Salt Lake City, Utah.....	4.03	.21	4.23
Scranton, Pa.....	3.94	.22	4.16
Shreveport, La.....	3.47	.02	3.49
South Bend, Ind.....	4.00	.23	4.23
Spokane, Wash.....	4.23	.30	4.53
Springfield, Mass.....	4.07	.24	4.31
Syracuse, N.Y.....	4.47	.28	4.74
Topeka, Kans.....	3.88	.11	4.00
Trenton, N.J.....	4.65	.31	4.96

¹ Includes employer contributions to insurance (life insurance, hospitalization, medical, surgical, and other similar types of health and welfare programs) and pension funds, and vacation payments to a fund or to the worker as provided in labor-management contracts. Averages presented are for a straight-time hour; in actual practice, however, some employer payments are calculated on the basis of total hours worked or gross payroll.

Average is for all workers in the classification including those for whom employer contributions were not specified in their particular contracts.

Some contracts also provide for additional payments to other funds such as holiday, apprenticeship, and unemployment benefits. Information on payments to these funds was not collected.

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

Table 11. Average Union Hourly Wage Rates in the Building Trades by Region,¹ July 1, 1965

Trade	United States	Region								
		New England	Middle Atlantic	Border States	Southeast	Great Lakes	Middle West	Southwest	Mountain	Pacific
All building trades	\$4.42	\$4.24	\$5.00	\$3.91	\$3.67	\$4.39	\$4.19	\$2.72	\$4.17	\$4.64
Journeyman	\$4.64	\$4.50	\$5.18	\$4.29	\$3.94	\$4.56	\$4.38	\$4.01	\$4.41	\$4.88
Asbestos workers	4.71	4.77	5.09	4.37	4.12	4.74	4.54	4.42	4.31	5.18
Boilermakers	4.90	4.75	5.37	4.57	4.35	4.79	4.52	4.40	4.93	5.15
Bricklayers	4.87	4.70	5.43	4.67	4.29	4.75	4.47	4.34	4.60	4.94
Carpenters	4.56	4.24	5.36	3.99	3.78	4.47	4.27	3.79	4.30	4.63
Cement finishers	4.42	4.61	5.31	4.05	3.50	4.43	4.19	3.80	4.24	4.51
Electricians (inside wiremen)	4.81	4.61	5.13	4.57	4.15	4.75	4.72	4.31	4.70	5.26
Elevator constructors	4.90	4.72	5.54	4.51	4.16	4.67	4.45	4.19	4.59	5.07
Glaziers	4.23	4.13	4.70	4.09	3.51	4.17	4.14	3.56	3.77	4.49
Lathers	4.65	5.00	5.23	4.26	3.79	4.50	4.51	4.15	4.45	4.59
Machinists	4.87	4.60	5.38	4.44	4.17	4.81	4.65	4.42	4.82	5.32
Marble setters	4.61	4.73	4.92	4.58	4.09	4.57	4.43	4.06	4.16	4.90
Mosaic and terrazzo workers	4.67	4.68	5.41	4.17	3.89	4.39	4.55	3.80	4.57	4.72
Painters	4.28	4.05	4.57	4.01	3.67	4.24	4.09	3.70	4.03	4.64
Paperhangers	4.20	3.99	3.95	4.18	3.77	4.22	4.23	3.73	4.10	4.74
Pipefitters	4.84	4.81	5.09	4.40	4.14	4.80	4.62	4.30	4.49	5.45
Plasterers	4.72	4.56	5.37	4.27	3.87	4.49	4.30	4.17	4.46	4.66
Plumbers	4.91	4.79	4.98	4.44	4.20	4.69	4.79	4.30	4.53	5.52
Rodmen	4.63	4.99	5.31	4.44	3.88	4.76	4.29	3.96	4.47	4.70
Roofers, composition	4.35	4.48	4.86	3.39	3.18	4.42	3.98	3.51	4.28	4.57
Roofers, slate and tile	4.25	4.95	4.65	3.99	3.21	4.58	3.92	3.53	3.53	4.46
Sheet-metal workers	4.68	4.64	5.01	4.34	3.98	4.59	4.38	4.13	4.50	5.19
Stonemasons	4.66	4.62	4.91	4.72	4.17	4.49	4.49	4.32	4.64	4.87
Structural-iron workers	4.74	4.99	5.40	4.60	3.96	4.74	4.36	4.08	4.57	4.95
Tile layers	4.65	4.64	5.05	4.11	3.81	4.40	4.43	3.90	4.24	5.02
Helpers and laborers	3.54	3.39	4.27	2.77	2.17	3.62	3.28	2.43	3.15	3.77
Bricklayers' tenders	3.80	3.39	4.71	2.63	2.17	3.62	3.36	2.63	3.49	4.04
Building laborers	3.43	3.36	4.06	2.74	2.12	3.61	3.21	2.34	3.07	3.66
Composition roofers' helpers	2.80	3.31	3.50	2.69	1.91	3.37	3.30	2.16	-	-
Elevator constructors' helpers	3.53	3.29	4.13	3.20	2.91	3.25	3.12	2.94	3.19	3.54
Marble setters' helpers	3.83	3.74	4.25	3.51	-	3.74	3.53	2.09	3.22	3.93
Plasterers' laborers	3.80	3.52	4.34	2.92	2.30	3.74	3.53	2.63	3.42	4.37
Plumbers' laborers	3.66	-	4.17	2.89	2.26	3.82	3.65	2.68	3.21	3.67
Terrazzo workers' helpers	3.91	3.87	4.35	3.23	-	3.79	3.57	2.32	3.61	4.20
Tile layers' helpers	3.84	3.77	4.16	3.31	-	3.63	3.46	2.12	3.19	4.04

¹ 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; Pacific—Alaska, California, Nevada, Oregon, and Washington. Hawaii was excluded from the survey.

Table 12. Indexes of Union Weekly Hours in the Building Trades, 1907-65

(1957-59=100)							
Date	All trades	Journey-men	Helpers and laborers	Date	All trades	Journey-men	Helpers and laborers
1907: May 15	124.1	122.6	129.5	1936: May 15	101.4	100.5	104.1
1908: May 15	122.2	120.8	126.8	1937: May 15	101.8	100.9	104.5
1909: May 15	120.5	119.3	124.2	1938: June 1	100.1	99.1	102.8
1910: May 15	119.0	117.9	122.0	1939: June 1	99.9	99.0	102.6
1911: May 15	118.6	117.5	121.8	1940: June 1	99.8	99.0	102.0
1912: May 15	118.2	117.1	121.4	1941: June 1	100.2	99.5	102.3
1913: May 15	118.0	116.8	121.4	1942: July 1	101.0	100.8	101.4
1914: May 1	117.5	116.5	120.7	1943: July 1	100.9	101.0	100.7
1915: May 1	117.4	116.4	120.6	1944: July 1	101.1	101.2	100.7
1916: May 15	117.0	115.9	120.3	1945: July 1	101.1	101.2	100.7
1917: May 15	116.7	115.7	119.8	1946: July 1	100.1	100.1	100.0
1918: May 15	116.1	115.0	119.4	1947: July 1	100.0	99.9	100.0
1919: May 15	115.5	114.6	118.3	1948: July 1	100.0	100.0	99.9
1920: May 15	115.0	114.1	117.5	1949: July 1	100.1	100.1	99.9
1921: May 15	114.9	114.0	117.5	1950: July 1	100.2	100.2	99.9
1922: May 15	114.9	114.1	117.2	1951: July 1	100.1	100.1	99.8
1923: May 15	115.0	114.2	117.4	1952: July 1	100.1	100.1	100.0
1924: May 15	115.0	114.2	117.4	1953: July 1	100.1	100.1	100.0
1925: May 15	115.0	114.2	117.2	1954: July 1	100.1	100.1	100.0
1926: May 15	114.8	114.0	116.9	1955: July 1	100.1	100.1	100.0
1927: May 15	114.6	113.7	116.9	1956: July 1	100.1	100.1	100.0
1928: May 15	113.9	112.9	116.8	1957: July 1	100.1	100.1	100.0
1929: May 15	112.9	112.2	114.5	1958: July 1	100.0	100.0	100.0
1930: May 15	109.7	108.9	111.9	1959: July 1	100.0	100.0	100.0
1931: May 15	108.4	107.4	111.0	1960: July 1	99.9	99.9	100.0
1932: May 15	106.4	105.5	108.5	1961: July 1	99.8	99.8	100.0
1933: May 15	106.1	105.1	108.0	1962: July 1	99.7	99.7	100.0
1934: May 15	102.2	101.3	104.6	1963: July 1	99.5	99.5	99.9
1935: May 15	101.4	100.5	103.9	1964: July 1	99.5	99.5	99.9
				1965: July 1	99.4	99.4	99.9

Table 13. Indexes of Union Weekly Hours in Each Building Trade, 1907-65

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 1	-	-	114.3	114.9	119.0	120.0	115.9	-	122.1	-	115.8	-	119.7	-	115.0
1915: May 1	-	-	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	-	113.1
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	95.5	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	95.6	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	100.0	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
1965: July 1	100.0	99.9	98.7	99.8	100.0	96.5	98.1	100.0	100.0	100.0	100.0	100.0	99.8	100.0	99.9

Table 13. Indexes of Union Weekly Hours in Each Building Trade, 1907-65—Continued

(1957-59=100)															
Date	Plas- terers	Plum- bers	Rodmen	Roofers, com- posi- 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	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	117.6	-	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	111.6	111.3	118.5	116.7	-	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	114.0	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	99.1	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	99.7	100.0	99.8	100.0	100.0	99.9	100.0	100.0	99.8	100.0	100.0
1965: July 1	100.0	99.6	100.0	100.0	99.6	99.9	99.6	100.0	100.0	99.9	100.0	100.0	99.8	100.0	100.0

Table 14. Distribution of Union Members in the Building Trades by Straight-Time Weekly Hours, July 1, 1965

Trade	Average hours per week	Percent of union members having a workweek of—						
		25 hours	30 hours	35 hours	37.5 hours	Over 37.5 and under 40 hours	40 hours	42.5 hours
All building trades.....	39.2	0.7	0.6	11.4	0.4	1.1	85.8	(¹)
Journeyman.....	39.2	0.8	0.4	12.2	0.5	1.3	84.7	-
Asbestos workers.....	39.7	-	-	5.3	-	-	94.7	-
Boilermakers.....	39.4	-	-	10.0	2.5	-	87.4	-
Bricklayers.....	38.9	-	-	20.5	1.7	-	77.7	-
Carpenters.....	39.3	-	-	12.2	-	3.9	83.9	-
Cement finishers.....	39.6	-	-	7.6	-	-	92.4	-
Electricians (inside wiremen).....	37.9	9.0	-	13.0	2.5	-	75.6	-
Elevator constructors.....	39.0	-	-	18.6	-	-	81.4	-
Glaziers.....	39.7	-	-	6.9	-	-	93.1	-
Lathers.....	39.2	-	-	16.3	-	-	83.7	-
Machinists.....	39.9	-	-	2.9	-	-	97.1	-
Marble setters.....	40.0	-	-	-	-	-	100.0	-
Mosaic and terrazzo workers.....	39.1	-	-	17.7	-	-	82.3	-
Painters.....	38.8	-	.1	24.8	-	-	75.2	-
Paperhangers.....	39.4	-	-	11.9	-	-	88.1	-
Pipefitters.....	39.7	-	-	6.5	-	-	93.5	-
Plasterers.....	37.6	-	23.7	1.3	-	-	75.0	-
Plumbers.....	39.3	-	-	12.5	1.7	-	85.8	-
Rodmen.....	39.8	-	-	3.6	-	-	96.4	-
Roofers, composition.....	39.5	-	-	9.9	-	-	90.1	-
Roofers, slate and tile.....	39.9	-	-	2.1	-	-	97.9	-
Sheet-metal workers.....	39.6	-	-	7.4	-	.9	91.7	-
Stonemasons.....	39.3	-	-	11.2	5.0	-	83.8	-
Structural-iron workers.....	39.8	-	-	3.6	-	-	96.4	-
Tile layers.....	40.0	-	-	-	-	-	100.0	-
Helpers and laborers.....	39.5	-	1.1	8.3	-	-	90.5	0.1
Bricklayers' tenders.....	38.6	-	-	28.2	-	-	71.8	-
Building laborers.....	39.8	-	-	4.2	-	-	95.8	-
Composition roofers' helpers.....	40.0	-	-	-	-	-	100.0	-
Elevator constructors' helpers.....	38.9	-	-	21.6	-	-	78.4	-
Marble setters' helpers.....	40.0	-	-	-	-	-	100.0	-
Plasterers' laborers.....	38.3	-	16.2	3.2	-	-	79.5	1.2
Plumbers' laborers.....	40.0	-	-	-	-	-	100.0	-
Terrazzo workers' helpers.....	39.3	-	-	14.3	-	-	85.7	-
Tile layers' helpers.....	40.0	-	-	-	-	-	100.0	-

¹ Less than 0.05 percent.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965

(Hours are 40 per week for both years unless otherwise indicated)

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
ALBUQUERQUE, N. MEX.						ATLANTA, GA.—Continued					
<u>Journeyman</u>						<u>Journeyman—Continued</u>					
Asbestos workers.....	\$4.150	\$4.150	16¢	20¢	45¢	Elevator constructors.....	\$4.140	\$4.260	7½¢	10½¢	(4)
Bricklayers.....	4.570	4.615	-	-	-	Engineers—Power equipment operators:					
Carpenters.....	4.080	4.150	10¢	7¢	-	Group A:					
Millwrights, parquetry						Cranes, derricks,					
floor layers.....	4.330	4.400	10¢	7¢	-	draglines, hoists,					
Wharf and bridge, shin-						piledrivers, shovels,					
glers, and piledrivers.....	4.330	4.400	10¢	7¢	-	trench machines					
Cement finishers.....	3.750	3.900	-	-	-	(over 6 feet depth).....	4.000	4.000	10¢	10¢	
Composition and mastic.....	3.870	4.020	-	-	-	Group B:					
Electricians (inside						Bulldozers, scrapers,					
wiremen).....	4.525	4.675	-	1%	-	tractors with special					
Elevator constructors.....	4.375	4.425	7½¢	10½¢	(4)	equipment.....	3.450	3.450	10¢	10¢	-
Engineers—Power equipment						Group C:					
operators:						Rollers.....	3.200	3.200	10¢	10¢	-
Air compressors.....	3.620	3.770	-	-	-	Group D:					
Concrete mixers:						Air compressors (over					
Under 1 yard.....	3.620	3.770	-	-	-	130 cubic feet), pumps					
1 yard and over.....	3.700	3.850	-	-	-	(over 4 inches).....	2.850	2,850	10¢	10¢	-
Paving machines:						Glaziers.....	3.550	3,750	-	-	-
Single-drum.....	3.700	3,850	-	-	-	Lathers.....	3.850	4,075	-	-	-
Double-drum.....	3.820	3,970	-	-	-	Machinists.....	4,250	4,250	-	-	-
Cranes:						Marble setters.....	3,950	4,150	-	15¢	-
¾ yard or under with						Mosaic and terrazzo					
less than 50 foot boom,						workers.....	3,950	4,150	-	15¢	-
no attachments.....	3,820	3,970	-	-	-	Painters.....	4,000	4,150	-	-	-
All others.....	4,200	4,350	-	-	-	Spray.....	5,000	5,150	-	-	-
Hoists:						Structural steel,					
1 drum.....	3,620	3,770	-	-	-	swing stage.....	4,250	4,400	-	-	-
2 drums or more.....	3,820	3,970	-	-	-	Paperhangers.....	4,250	4,400	-	-	-
Derricks (Guy and						Pipefitters.....	4,300	4,550	10¢	10¢	-
Stiffleg).....	4,200	4,350	-	-	-	Plasterers.....	3,850	4,075	-	-	-
Piledrivers, crawler or						Plumbers.....	4,300	4,550	10¢	10¢	-
skid rig.....	4,200	4,350	-	-	-	Rodmen.....	4,150	4,300	12¢	-	-
Shovels, backhoes, clams,						Roofers, composition.....	2,900	3,050	-	-	-
and draglines.....	4,200	4,350	-	-	-	Roofers, slate and tile.....	3,150	3,300	-	-	-
Tractors.....	3,750	3,900	-	-	-	Sheet-metal workers.....	4,100	4,200	-	-	-
Trenching machines.....	3,700	3,850	-	-	-	Stonemasons.....	4,300	4,600	-	15¢	-
Glaziers.....	3,380	3,520	-	-	-	Structural- and ornamental-					
Lathers.....	4,375	4,500	12½¢	-	-	iron workers.....	4,150	4,300	12¢	-	-
Marble setters.....	3,625	3,800	-	-	-	Sheeters.....	4,400	4,550	12¢	-	-
Mosaic and terrazzo						Tile layers.....	3,950	4,150	-	15¢	-
workers.....	3,625	3,800	-	-	-						
Painters.....	3,550	3,675	-	-	-	<u>Helpers and laborers</u>					
Spray.....	4,050	4,175	-	-	-	Bricklayers' tenders.....	2,400	2,400	10¢	-	-
Paperhangers.....	3,550	3,675	-	-	-	Mortar mixers.....	2,520	2,520	10¢	-	-
Pipefitters.....	4,475	4,475	14¢	12½¢	-	Building laborers.....	2,400	2,400	10¢	-	-
Plasterers.....	4,125	4,250	-	-	-	Elevator constructors'					
Plumbers.....	4,475	4,475	14¢	12½¢	-	helpers.....	2,900	2,980	7½¢	10½¢	(4)
Rodmen.....	4,375	4,425	10¢	10¢	-	Plasterers' laborers.....	2,400	2,400	10¢	-	-
Roofers, composition.....	3,250	3,440	-	-	-	Plumbers' laborers.....	2,400	2,400	10¢	-	-
Roofers, slate and tile.....	3,250	3,440	-	-	-						
Sheet-metal workers.....	4,280	4,430	10¢	15¢	-	BALTIMORE, MD.					
Stonemasons.....	4,570	4,615	-	-	-	<u>Journeyman</u>					
Structural-iron workers.....	4,375	4,425	10¢	10¢	-	Asbestos workers.....	4,350	4,500	20¢	15¢	-
Tile layers.....	3,625	3,800	-	-	-	Boilermakers.....	4,600	4,750	10¢	20¢	-
						Bricklayers.....	4,400	4,600	10¢	15¢	-
<u>Helpers and laborers</u>						Carpenters.....	4,000	4,090	11¢	-	-
Bricklayers' tenders.....	3,005	3,155	7½¢	-	-	Cement finishers.....	4,025	4,175	9¢	-	-
Building laborers.....	2,705	2,855	7½¢	-	-	Electricians (inside					
Elevator constructors'						wiremen).....	4,500	4,700	10¢	1%	-
helpers.....	3,063	3,098	7½¢	10½¢	(4)	Elevator constructors.....	4,350	4,510	7½¢	10½¢	(4)
Marble setters' helpers.....	2,500	2,625	-	-	-	Engineers—Power equipment					
Plasterers' laborers.....	3,005	3,155	7½¢	-	-	operators:					
Plumbers' laborers.....	2,705	2,855	7½¢	-	-	Building construction:					
Terrazzo workers' helpers.....	2,500	2,625	-	-	-	Heavy equipment:					
Tile layers' helpers.....	2,500	2,625	-	-	-	Derricks, power					
						cranes, shovels,					
ATLANTA, GA.						elevating graders.....	4,450	4,550	10¢	10¢	-
<u>Journeyman</u>						Medium equipment:					
Asbestos workers.....	3,960	4,090	10¢	15¢	-	Temporary elevators,					
Boilermakers.....	4,250	4,350	10¢	10¢	-	concrete pumps,					
Bricklayers.....	4,300	4,600	-	15¢	-	single-drum hoists.....	3,750	3,850	10¢	10¢	-
Carpenters.....	3,950	4,000	-	-	-	Light equipment:					
Millwrights.....	4,200	4,200	-	-	-	Compressors,					
Cement finishers.....	3,700	4,000	-	-	-	pumps.....	3,650	3,750	10¢	10¢	-
Troweling machines.....	3,830	4,130	-	-	-	Bulldozers.....	3,600	3,700	10¢	10¢	-
Electricians (inside											
wiremen).....	4,100	4,100	10¢	1%+20¢	520¢						

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 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965			Trade or occupation	July 1, 1964	July 1, 1965				
	Rate per hour	Rate per hour	Employer contribution to fund ¹			Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insurance ²	Pension				Vacation pay ³	Insurance ²	Pension	Vacation pay ³
BALTIMORE, MD.—Continued					BIRMINGHAM, ALA.—Continued						
<u>Journeyman—Continued</u>					<u>Journeyman—Continued</u>						
Engineers—Power equipment operators—Continued					Rodmen	\$ 4.120	\$ 4.150	17¢	-	10¢	
Heavy construction:					Roofers, composition	3.100	3.200	-	-	-	
Heavy equipment:					Roofers, slate and tile	3.350	3.450	-	-	-	
Whirlies, derricks, piledrivers	\$ 4.450	\$ 4.550	10¢	10¢	Sheet-metal workers	4.050	4.150	10¢	-	-	
Light equipment:					Stonemasons	4.400	4.500	-	-	-	
Tractors with attachments	4.050	4.150	10¢	-	Structural- and ornamental-iron workers	4.120	4.150	17¢	-	10¢	
Glaziers	3.875	4.000	10¢	-	Tile layers	3.700	3.750	-	-	-	
Lathers	4.200	4.300	10¢	-	<u>Helpers and laborers</u>						
Machinists	4.450	4.700	-	-	Bricklayers' tenders	2.350	2.450	-	-	-	
Marble setters	4.260	4.520	10¢	15¢	Mortar mixers	2.450	2.550	-	-	-	
Mosaic and terrazzo workers	3.965	4.090	12½¢	-	Building laborers	2.350	2.450	-	-	-	
Painters	3.950	4.050	7½¢	-	Air tool operators	2.500	2.600	-	-	-	
Structural steel	4.150	4.300	7½¢	-	Composition roofers' helpers	1.950	2.050	-	-	-	
Paperhangers	3.950	4.050	7½¢	-	Elevator constructors' helpers	2.877	2.980	7½¢	10½¢	(*)	
Pipefitters	4.100	4.310	10¢	10½¢	Plasterers' laborers	2.400	2.500	-	-	-	
Plasterers	4.150	4.250	15¢	-	BOSTON, MASS.						
Plumbers	4.100	4.410	12¢	10½¢	<u>Journeyman</u>						
Rodmen	4.500	4.550	15¢	20¢	Asbestos workers	4.790	5.090	17¢	10¢	-	
Roofers, composition	3.230	3.300	12¢	-	Boilermakers	4.600	4.750	10¢	20¢	-	
Mopmen	3.680	3.750	12¢	-	Bricklayers	4.850	5.050	20¢	15¢	-	
Roofers, slate and tile	3.680	3.750	12¢	-	Carpenters	4.300	4.500	10¢	15¢	-	
Precast roofers	4.030	4.100	12¢	-	Cement finishers	4.850	5.050	20¢	15¢	-	
Precast journeymen	4.280	4.350	12¢	-	Electricians (inside wiremen)	5.000	5.000	17¢	1%+10¢	-	
Sheet-metal workers	4.065	4.270	13¢	10¢	Elevator constructors	4.630	4.840	7½¢	10½¢	(*)	
Stonemasons	4.400	4.600	10¢	15¢	Engineers—Power equipment operators:						
Structural-iron workers	4.700	4.750	15¢	20¢	Building construction:						
Sheeters	4.950	5.000	15¢	20¢	Heavy equipment:						
Tile layers	3.965	4.090	12½¢	-	Power shovels, piledrivers, hoisting engines	4.685	4.885	17½¢	20¢	-	
<u>Helpers and laborers</u>					Medium equipment:						
Bricklayers' tenders	2.675	2.800	10¢	-	Bulldozers, scrapers (21 yards struck or less)	4.315	4.515	17½¢	20¢	-	
Building laborers	2.525	2.650	10¢	-	Graders	4.315	4.765	17½¢	20¢	-	
Elevator constructors' helpers	3.045	3.160	7½¢	10½¢	Light equipment:						
Marble setters' helpers	2.950	3.075	12½¢	-	Pumps, compressors, welding machines	4.080	4.180	17½¢	20¢	-	
Plasterers' laborers	2.675	2.800	10¢	-	Heavy construction:						
Hod carriers	2.925	3.050	10¢	-	Heavy equipment:						
Plumbers' laborers	2.525	2.650	10¢	-	Power shovels, piledrivers, lighters	4.685	4.885	17½¢	20¢	-	
Terrazzo workers' helpers	2.975	3.075	10¢	-	Medium equipment:						
Tile layers' helpers	2.950	3.075	12½¢	-	Bulldozers, concrete mixers, steam boilers	4.315	4.515	17½¢	20¢	-	
BIRMINGHAM, ALA.					Light equipment:						
<u>Journeyman</u>					Pumps, compressors, welding machines						
Asbestos workers	4.050	4.150	7½¢	10¢	Glaziers	4.010	4.220	12¢	9¢	-	
Bricklayers	4.400	4.500	-	-	Lathers	4.800	5.000	20¢	10¢	-	
Carpenters	3.650	3.750	-	-	Machinists	4.350	4.600	-	-	-	
Millwrights	3.900	4.000	-	-	Marble setters	4.650	4.900	20¢	-	-	
Piledrivers	3.850	3.950	-	-	Mosaic and terrazzo workers	4.650	4.900	20¢	-	-	
Cement finishers	3.580	3.680	-	-	Painters	4.000	4.200	12¢	12½¢	-	
Troweling machines	3.730	3.830	-	-	Spray	4.650	4.650	12¢	12½¢	-	
Electricians (inside wiremen)	4.350	4.350	15¢	1% ¹	Structural steel	4.250	4.450	12¢	12½¢	-	
Elevator constructors	4.110	4.250	7½¢	10½¢	Pipefitters	4.800	5.000	21¢	15¢	-	
Engineers—Power equipment operators:					Sprinkler fitters	4.765	5.160	11¢	10¢	(*)	
Building construction:					Plasterers	4.400	4.650	20¢	(*)	-	
Group A:					Plumbers	4.750	5.050	20¢	15¢	-	
Bulldozers, cranes, derricks, draglines, hoists (1 drum or more), mixers, motor graders, shovels, scrapers	3.650	3.750	-	-	Rodmen	4.780	5.020	17¢	17¢	-	
Group B:					Roofers, composition	4.350	4.600	20¢	15¢	-	
Air compressors (105 cubic feet and under), pumps (under 4 inches)	2.800	2.900	-	-	Roofers, slate and tile	4.350	4.600	20¢	15¢	-	
Glaziers	3.550	3.770	-	-	Sheet-metal workers	4.625	4.925	11¢	15¢	-	
Lathers	3.500	3.600	-	-	Stonemasons	4.850	5.050	20¢	15¢	-	
Marble setters	3.800	3.900	-	-	Structural-iron workers	4.780	5.020	17¢	17¢	-	
Mosaic and terrazzo workers	3.700	3.750	-	-	Tile layers	4.700	4.850	15¢	10¢	-	
Painters	3.750	3.850	-	-	<u>Helpers and laborers</u>						
Residential	3.450	3.550	-	-	Bricklayers' tenders	3.250	3.450	15¢	15¢	-	
Structural steel, swing stage, spray	4.250	4.350	-	-	Building laborers	3.250	3.450	15¢	15¢	-	
Paperhangers	3.900	4.000	-	-	Composition roofers' helpers	3.500	3.750	20¢	15¢	-	
Pipefitters	4.100	4.250	12¢	10¢							
Plasterers	3.720	3.820	-	-							
Plumbers	4.100	4.250	12¢	10¢							

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
BOSTON, MASS.—Continued					CHARLOTTE, N. C.						
Helpers and laborers—Continued					Journeyman						
Elevator constructors' helpers	\$3.240	\$3.390	7½¢	10½¢	(*)	Asbestos workers	\$3.650	\$3.700	10¢	-	-
Marble setters' helpers	3.700	3.800	15¢	10¢	-	Boilermakers	4.250	4.350	10¢	10¢	-
Plasterers' laborers	3.450	3.650	15¢	15¢	-	Bricklayers	3.250	3.750	-	-	-
Terrazzo workers' helpers	3.930	4.180	-	-	-	Carpenters	2.900	3.150	-	-	-
Tile layers' helpers	3.700	3.800	15¢	10¢	-	Millwrights	3.500	4.000	-	-	-
						Piledrivers	3.200	3.450	-	-	-
BUFFALO, N. Y.					Electricians (inside wiremen)						
Journeyman					Engineers—Power equipment operators:						
Asbestos workers	4.350	4.650	15¢	20¢	-	Building construction:					
Boilermakers	4.590	4.790	10¢	10¢	-	Heavy equipment:					
Bricklayers	4.720	4.820	-	20¢	-	Shovels, cranes, draglines (4 yards and over)	3.700	3.950	-	-	-
Carpenters	4.315	4.315	15¢	20¢	-	Shovels, cranes, draglines (under 4 yards), derricks, hoists (3 drums or more), locomotives, piledrivers	3.450	3.700	-	-	-
Cement finishers	4.760	4.910	-	-	-	Medium equipment:					
Machine operators, floor	4.930	5.080	-	-	-	Bulldozers, hoists (2 drums), scrapers, trench machines, tractors with attachments	3.100	3.250	-	-	-
On swing:						Light equipment:					
Cement finishers	5.030	5.180	-	-	-	Air compressors, hoists (1 drum), pumps, mixers, tractors without attachments	2.480	2.580	-	-	-
Machine operators	5.180	5.330	-	-	-	Lathers	3.375	3.625	-	-	-
Electricians (inside wiremen)	4.910	*5.110	20¢	1%+10¢	-	Pipefitters	3.750	3.750	10¢	-	-
Residential	4.760	*4.960	20¢	1%+10¢	-	Plumbers	3.750	3.750	10¢	-	-
Elevator constructors	4.750	4.750	7½¢	10½¢	(*)	Rodmen	3.450	3.600	10¢	-	-
Engineers—Power equipment operators:						Sheet-metal workers	3.500	3.550	10¢	-	-
Building construction:						Structural- and ornamental-iron workers	3.600	3.850	10¢	-	-
Heavy equipment:											
Shovels, cranes, derricks	4.635	4.635	15¢	10¢	-	CHICAGO, ILL.					
Medium equipment:						Journeyman					
Caryalls, trench machines	4.510	4.510	15¢	10¢	-	Asbestos workers	4.850	5.000	20¢	10¢	-
Hoists	4.470	4.470	15¢	10¢	-	Boilermakers	*5.000	*5.250	10¢	10¢	-
Light equipment:						Bricklayers	4.950	5.125	15¢	20¢	-
Compressors, mechanical heaters	4.260	4.260	15¢	10¢	-	Sewer, tunnel	5.200	5.375	15¢	20¢	-
Pumps	4.385	4.385	15¢	10¢	-	Carpenters	4.600	4.850	15¢	15¢	-
Heavy construction:						Cement finishers	4.600	4.800	20¢	15¢	-
Heavy equipment:						Swing scaffold	4.850	5.050	20¢	15¢	-
Shovels, cranes, backhoes	4.635	4.635	15¢	10¢	-	Electricians (inside wiremen)	4.950	4.950	3%	5½%	4%
Medium equipment:						Elevator constructors	4.810	5.135	7½¢	10½¢	(*)
Graders, caryalls, trench machines	4.510	4.510	15¢	10¢	-	Engineers—Power equipment operators:					
Light equipment:						Building construction:					
Compressors, heating boilers	4.260	4.260	15¢	10¢	-	Heavy equipment:					
Pavers	4.635	4.635	15¢	10¢	-	Piledrivers, shovels, highlift (4 cubic yards or more), trench machines	4.850	5.050	10¢	10¢	-
Glaziers	3.965	4.015	17½¢	-	*10¢	Medium equipment:					
Lathers	4.860	4.960	-	-	-	Bulldozers	4.500	4.600	10¢	10¢	-
Machinists	4.960	5.110	-	-	-	Concrete mixers (2 bags or over)	4.400	4.500	10¢	10¢	-
Marble setters	4.465	4.565	-	20¢	-	Hosits (2-tugger, 1-floor)	4.750	4.850	10¢	10¢	-
Mosaic and terrazzo workers	4.400	4.500	-	20¢	-	Light equipment:					
Painters	4.125	4.275	17½¢	20¢	-	Air compressors (up to 110 horsepower)	4.050	4.100	10¢	10¢	-
Spray, steel, swing scaffold	4.375	4.525	17½¢	20¢	-	Pumps (well points)	4.350	4.400	10¢	10¢	-
Residential	3.430	3.430	-	20¢	-	Welding machines	4.300	4.350	10¢	10¢	-
Paperhangers	4.125	4.275	17½¢	20¢	-	Heavy construction:					
Residential	3.430	3.430	-	-	-	Heavy equipment:					
Pipefitters	4.320	4.520	-	25¢	-	Cranes, derricks, Koehring scoopers, power shovels	4.600	4.700	10¢	10¢	-
Sprinkler fitters	4.600	4.750	11¢	10¢	-	Medium equipment:					
Plasterers	4.750	5.010	-	-	-	Rollers, except grade	4.250	4.350	10¢	10¢	-
Residential	4.600	4.810	-	-	-	Scoops and similar machines	4.150	4.250	10¢	10¢	-
Plumbers	4.475	4.575	20¢	10¢	-						
Rodmen	4.840	4.990	10¢	-	-						
Roofers, composition	4.080	4.080	30¢	25¢	-						
Roofers, slate and tile	4.230	4.230	30¢	25¢	-						
Sheet-metal workers	4.600	4.700	15¢	-	-						
Stonemasons	4.720	4.820	-	20¢	-						
Structural- and ornamental-iron workers	4.840	4.990	10¢	-	-						
Tile layers	4.400	4.500	-	20¢	-						
Helpers and laborers											
Bricklayers' tenders	3.460	3.460	17½¢	15¢	-						
Building laborers	3.460	3.460	17½¢	15¢	-						
Elevator constructors' helpers	3.325	3.325	7½¢	10½¢	(*)						
Marble setters' helpers	3.780	3.780	-	-	-						
Plasterers' laborers	3.560	3.560	17½¢	15¢	-						
Mortar mixers	3.610	3.610	17½¢	15¢	-						
Plumbers' laborers	3.710	3.710	17½¢	15¢	-						
Terrazzo workers' helpers	3.780	3.780	-	-	-						
Grinders	3.880	3.880	-	-	-						
Tile layers' helpers	3.780	3.780	-	-	-						

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965			Trade or occupation	July 1, 1964		July 1, 1965		
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
CHICAGO, ILL.—Continued						CINCINNATI, OHIO—Continued					
Journeyman—Continued						Journeyman—Continued					
Engineers—Power equipment operators—Continued						Rodmen	\$ 4.275	\$ 4.550	15¢	10¢	-
Heavy construction—Continued						Roofers, composition	4.200	4.250	-	20¢	-
Light equipment:						Sheet-metal workers	4.390	4.390	15¢	15¢	-
Bulldozers	\$ 4.150	\$ 4.250	10¢	10¢	-	Stonemasons	4.625	4.775	-	-	-
Pumps	3.600	3.650	10¢	10¢	-	Structural-iron workers	4.525	4.625	15¢	10¢	-
Welding machines, 2 or more	3.900	3.950	10¢	10¢	-	Tile layers	4.150	4.325	15¢	-	-
Glaziers	4.490	4.590	12¢	10¢	10¢	Helpers and laborers					
Lathers	4.705	4.910	16¢	10¢	-	Bricklayers' tenders	3.525	3.675	10¢	-	-
Machinists	4.700	4.900	-	-	(10)	Building laborers	3.325	3.475	10¢	-	-
Marble setters	4.800	4.950	-	-	-	Elevator constructors' helpers	3.040	3.180	7½¢	10½¢	(*)
Mosaic and terrazzo workers	4.650	5.000	-	-	-	Marble setters' helpers	3.770	3.920	-	-	-
Painters	4.200	4.400	17½¢	20¢	-	Marble polishers	3.935	4.085	-	-	-
Paperhangers	4.200	4.400	17½¢	20¢	-	Terrazzo workers' helpers	3.600	3.750	-	-	-
Pipefitters	4.850	5.100	12¢	15¢	-	Base grinders	4.020	4.170	-	-	-
Sprinkler fitters	4.890	5.140	16¢	10¢	-	Tile layers' helpers	3.520	3.670	-	-	-
Plasterers	4.675	4.825	19¢	6¢	-	CLEVELAND, OHIO					
Plumbers	4.800	5.000	20¢	20¢	-	Journeyman					
Rodmen	5.100	5.350	12½¢	7½¢	-	Asbestos workers	4.810	5.160	-	-	-
Roofers, composition	4.920	5.120	13¢	15¢	-	Boilermakers	4.660	4.910	10¢	25¢	-
Roofers, slate and tile	4.870	5.070	13¢	-	-	Bricklayers	4.610	4.860	25¢	15¢	-
Sheet-metal workers	4.850	5.100	16¢	15¢	-	Caisson and sewer	5.110	5.360	25¢	15¢	-
Stonemasons	4.950	5.125	15¢	20¢	-	Carpenters	4.400	4.750	18¢	28¢	-
Structural-iron workers	5.100	5.350	12½¢	7½¢	-	Cement finishers	4.610	5.010	-	-	-
Ornamental-iron finishers	4.880	5.030	15¢	7½¢	10¢	Electricians (inside wiremen)	4.560	4.890	15¢	1%+17¢	-
Tile layers	4.750	4.900	20⅞¢	7½¢	-	Elevator constructors	4.420	4.690	7½¢	10½¢	(*)
Helpers and laborers						Engineers—Power equipment operators:					
Bricklayers' tenders	3.525	3.675	7½¢	17½¢	-	Building and heavy construction:					
Building laborers	3.525	3.675	7½¢	17½¢	-	Heavy equipment:					
Elevator constructors' helpers	3.370	3.590	7½¢	10½¢	(*)	Cranes, derricks, power shovels	4.530	4.670	13¢	20¢	-
Marble setters' helpers	3.950	4.100	-	-	-	Medium equipment:					
Plasterers' laborers	3.650	3.800	7½¢	17½¢	-	Bulldozers, power graders	4.280	4.470	13¢	20¢	-
Terrazzo workers' helpers	3.850	4.200	10¢	-	-	Trench machines (under 24 inches)	4.280	4.420	13¢	20¢	-
Base machine	4.100	4.450	10¢	-	-	Light equipment:					
Tile layers' helpers	3.800	3.950	20⅞¢	7½¢	-	Compressors, portable	3.905	4.045	13¢	20¢	-
CINCINNATI, OHIO						Pumps (4 inches and over), rollers, asphalt					
Journeyman						Glaziers	4.155	4.295	13¢	20¢	-
Asbestos workers	4.400	4.600	10¢	10¢	-	Lathers	4.460	4.710	15¢	15¢	-
Boilermakers	4.450	4.550	10¢	20¢	-	Machinists	4.760	5.060	-	-	-
Bricklayers	4.475	4.625	15¢	-	-	Marble setters	4.750	5.050	-	-	(11)
Carpenters	4.275	4.400	-	20¢	-	Mosaic and terrazzo workers	4.375	4.675	25¢	15¢	-
Millwrights	4.650	4.850	-	-	-	Painters (including fresco)	4.325	4.610	25¢	15¢	-
Cement finishers	4.180	4.355	15¢	-	-	Spray, structural steel	4.310	4.560	14¢	12¢	-
Electricians (inside wiremen)	4.750	4.750	-	1%+15¢	-	Swing stage	4.435	4.685	14¢	12¢	-
Elevator constructors	4.340	4.540	7½¢	10½¢	(*)	Paperhangers	4.310	4.560	14¢	12¢	-
Engineers—Power equipment operators:						Pipefitters	4.510	4.860	15¢	15¢	-
Building and heavy construction:						Plasterers	4.760	5.010	-	-	-
Heavy equipment:						Plumbers	4.610	4.860	15¢	15¢	-
Cranes, derricks, power shovels	4.195	4.260	13¢	20¢	-	Rodmen	4.700	4.900	15¢	15¢	-
Medium equipment:						Roofers, composition	4.760	5.010	-	-	-
Bulldozers, power graders	3.970	4.185	13¢	20¢	-	Roofers, slate and tile	4.760	5.010	-	-	-
Trench machines (under 24 inches)	3.970	4.035	13¢	20¢	-	Sheet-metal workers	4.695	5.045	-	7½¢	-
Light equipment:						Stonemasons	4.610	4.860	25¢	15¢	-
Compressors, portable	3.570	3.635	13¢	20¢	-	Structural-iron workers	4.700	4.900	15¢	15¢	-
Pumps (4 inches and over), rollers, asphalt	3.820	3.885	13¢	20¢	-	Tile layers	4.585	4.835	-	-	-
Glaziers	4.350	4.350	-	15¢	-	Helpers and laborers					
Lathers	4.300	4.450	-	-	-	Bricklayers' tenders	4.020	4.270	-	-	-
Machinists	4.650	4.800	-	-	-	Building laborers	4.020	4.270	-	-	-
Marble setters	4.625	4.775	-	-	-	Elevator constructors' helpers	3.090	3.280	7½¢	10½¢	(*)
Mosaic and terrazzo workers	4.150	4.300	15¢	-	-	Marble setters' helpers	3.940	4.190	-	-	-
Painters	3.880	4.000	-	-	-	Plasterers' laborers	4.020	4.270	-	-	-
Industrial	4.030	4.150	-	-	-	Plumbers' laborers	4.145	4.395	-	-	-
Residential	3.680	3.800	-	-	-	Terrazzo workers' helpers	4.070	4.350	-	-	-
Paperhangers	3.880	4.000	-	-	-	Base machine	4.220	4.500	-	-	-
Residential	3.680	3.800	-	-	-	Tile layers' helpers	3.970	4.220	-	-	-
Pipefitters	4.550	4.650	12½¢	20¢	-						
Plasterers	4.150	4.175	15¢	15¢	-						
Plumbers	4.485	4.485	13¢	10¢	-						

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965			Trade or occupation	July 1, 1964		July 1, 1965		
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
COLUMBUS, OHIO						DALLAS, TEX.—Continued					
<u>Journeyman</u>						<u>Journeyman—Continued</u>					
Asbestos workers.....	\$4.365	\$4.535	10¢	10¢	-	Engineers—Power equipment operators—Continued					
Boilermakers.....	4.450	4.550	10¢	20¢	-	Building construction—Continued					
Bricklayers.....	4.350	4.450	10¢	15¢	-	Light equipment:					
Carpenters.....	4.060	4.140	12¢	10¢	-	Air compressors, hoists (1 drum), mixers (less than 14 cubic feet), rollers (10 tons or less), scrapers (3 cubic yards or less).....	\$3.650	\$3.800	-	-	-
Millwrights.....	4.310	4.390	12¢	10¢	-	Glaziers.....	3.500	3.650	-	-	-
Wharf and bridge.....	4.185	4.265	12¢	10¢	-	Lathers.....	3.938	4.065	12½¢	-	10¢
Cement finishers.....	3.750	3.900	15¢	-	-	Machinists.....	4.325	4.500	-	-	-
Electricians (inside wiremen).....	4.450	4.600	-	1%	-	Marble setters.....	4.050	4.150	-	-	-
Elevator constructors.....	4.210	4.330	7½¢	10½¢	(*)	Mosaic and terrazzo workers.....	3.725	3.825	-	-	-
Engineers—Power equipment operators:						Painters.....	3.788	3.913	10¢	-	-
Building and heavy construction:						Residential.....	3.000	3.000	10¢	-	-
Heavy equipment:						Spray.....	4.163	4.288	10¢	-	-
Cranes, derricks, power shovels.....	4.170	4.220	13¢	20¢	-	Structural steel, swing stage.....	4.038	4.163	10¢	-	-
Medium equipment:						Paperhangers (furnish own handtools).....	3.913	4.038	10¢	-	-
Bulldozers, power graders, power trench machines (under 24 inches).....	3.945	4.095	13¢	20¢	-	Pipefitters.....	4.150	4.150	10¢	-	-
Light equipment:						Plasterers.....	4.138	4.263	12½¢	-	-
Compressors, portable.....	3.545	3.595	13¢	20¢	-	Plumbers.....	4.150	4.150	10¢	-	-
Pumps (4 inches and over), rollers, asphalt.....	3.795	3.845	13¢	20¢	-	Rodmen.....	3.820	4.025	7½¢	-	-
Glaziers.....	3.540	3.740	-	-	-	Roofers, composition.....	3.250	3.350	-	-	-
Lathers.....	4.150	4.250	-	-	-	Roofers, slate and tile.....	3.400	3.500	-	-	-
Marble setters.....	4.020	4.240	-	-	-	Sheet-metal workers.....	4.100	4.250	12½¢	-	-
Mosaic and terrazzo workers.....	4.020	4.240	-	-	-	Stonemasons.....	4.250	4.400	12½¢	-	-
Painters.....	3.525	3.650	12½¢	10¢	-	Structural- and ornamental-iron workers.....	4.050	4.225	7½¢	-	-
Spray.....	3.825	3.950	12½¢	10¢	-	Buckers-up.....	4.188	4.363	7½¢	-	-
Structural steel, swing stage.....	3.700	3.825	12½¢	10¢	-	Sheeters.....	4.325	4.500	7½¢	-	-
Paperhangers.....	3.525	3.650	12½¢	10¢	-	Tile layers.....	3.725	3.825	-	-	-
Pipefitters.....	4.345	4.495	10¢	-	-	<u>Helpers and laborers</u>					
Plasterers.....	4.000	4.000	15¢	10¢	-	Bricklayers' tenders.....	2.250	2.250	-	-	-
Plumbers.....	4.345	4.495	10¢	-	-	Building laborers.....	2.100	2.100	-	-	-
Rodmen.....	4.400	4.600	10¢	10¢	-	Elevator constructors' helpers.....	2.930	2.930	7½¢	10½¢	(*)
Roofers, composition.....	4.050	4.200	12½¢	15¢	-	Plasterers' laborers.....	2.250	2.250	-	-	-
Roofers, slate and tile.....	4.050	4.200	12½¢	15¢	-	DAYTON, OHIO					
Sheet-metal workers.....	4.120	4.270	10¢	15¢	-	<u>Journeyman</u>					
Stonemasons.....	4.100	4.200	-	-	-	Asbestos workers.....	4.270	4.470	10¢	10¢	-
Structural-iron workers.....	4.400	4.600	10¢	10¢	-	Boilermakers.....	4.450	4.550	10¢	20¢	-
Tile layers.....	4.020	4.240	-	-	-	Bricklayers.....	4.510	4.660	15¢	-	-
<u>Helpers and laborers</u>						Bricklayers.....	4.180	4.310	12¢	10¢	-
Bricklayers' tenders.....	3.320	3.420	-	-	-	Carpenters.....	4.230	4.360	12¢	10¢	-
Building laborers.....	3.120	3.220	-	-	-	Millwrights.....	4.050	4.200	10¢	-	-
Elevator constructors' helpers:						Cement finishers.....	4.050	4.200	10¢	-	-
First 6 months.....	2.105	2.165	7½¢	10½¢	-	Electricians (inside wiremen).....	4.640	4.640	-	1%+15¢	6¢
After 6 months.....	2.975	3.030	7½¢	10½¢	(*)	Elevator constructors.....	4.340	4.540	7½¢	10½¢	(*)
Marble setters' helpers.....	2.960	3.180	-	-	-	Engineers—Power equipment operators:					
Plasterers' laborers.....	3.320	3.420	-	-	-	Building and heavy construction:					
Terrazzo workers' helpers.....	2.960	3.180	-	-	-	Heavy equipment:					
Base machine.....	3.160	3.380	-	-	-	Cranes, derricks, power shovels.....	4.280	4.360	13¢	10¢	-
Floor grinders.....	3.060	3.280	-	-	-	Medium equipment:					
Tile layers' helpers.....	2.960	3.180	-	-	-	Bulldozers, power graders, trench machines (under 24 inches).....	4.000	4.080	13¢	20¢	-
DALLAS, TEX.						Light equipment:					
<u>Journeyman</u>						Compressors, portable.....	3.650	3.730	13¢	20¢	-
Asbestos workers.....	4.200	4.350	10¢	17½¢	-	Pumps (4 inches and over), rollers, asphalt.....	3.870	3.950	13¢	20¢	-
Boilermakers.....	4.200	4.400	10¢	10¢	-	Glaziers.....	4.020	4.190	-	-	-
Bricklayers.....	4.250	4.400	12½¢	-	-	Lathers.....	4.250	4.400	-	-	10¢
Carpenters.....	3.925	4.050	-	-	-	Marble setters.....	4.205	4.220	15¢	-	-
Millwrights.....	4.100	4.350	-	-	-	Mosaic and terrazzo workers.....	4.205	4.220	15¢	-	-
Cement finishers.....	3.925	4.050	-	-	-	Painters.....	3.800	3.900	16¢	-	-
Electricians (inside wiremen).....	4.175	4.175	7½¢	1%	-	Swing, scaffold.....	4.050	4.150	16¢	-	-
Elevator constructors.....	4.180	4.180	7½¢	10½¢	(*)	Spray.....	4.200	4.300	16¢	-	-
Engineers—Power equipment operators:						Structural steel, iron and bridge.....	4.050	4.150	16¢	-	-
Building construction:											
Heavy equipment:											
Bulldozers and cats, carryalls, cranes, derricks, draglines, hoists (2 drums or more).....	4.050	4.200	-	-	-						

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965			Trade or occupation	July 1, 1964		July 1, 1965		
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
DAYTON, OHIO—Continued						DENVER, COLO.—Continued					
Journeyman—Continued						Helpers and laborers					
Paperhangers	\$ 4.050	\$ 4.150	16¢	-	-	Bricklayers' tenders	\$ 3.200	\$ 3.350	-	-	-
Pipefitters	4.450	4.550	10¢	10¢	-	Building laborers	2.870	3.020	-	-	-
Plasterers	4.350	4.500	-	-	-	Elevator constructors'	-	-	-	-	-
Residential	3.500	3.650	-	-	-	helpers	3.070	3.190	7½¢	10½¢	(*)
Plumbers	4.450	4.550	10¢	10¢	-	Marble setters' helpers	3.400	3.600	-	-	-
Rodmen	4.450	4.450	15¢	10¢	-	Plasterers' laborers	3.200	3.350	-	-	-
Roofers, composition	4.110	4.150	18¢	20¢	-	Plumbers' laborers:	-	-	-	-	-
Roofers, slate and tile	4.330	4.370	18¢	20¢	-	Drainlayers	3.400	3.550	-	-	-
Sheet-metal workers	4.200	4.300	10¢	10¢	-	Pipelayers, over 6	-	-	-	-	-
Stonemasons	4.510	4.660	15¢	-	-	inches	3.650	3.800	-	-	-
Structural-iron workers	4.450	4.450	15¢	10¢	-	Terrazzo workers' helpers	3.400	3.600	-	-	-
Tile layers	4.205	4.220	15¢	-	-	Base and wall machine	-	-	-	-	-
Helpers and laborers						grinders					
Bricklayers' tenders	3.375	3.505	12 7½¢	-	-	Floor machine grinders	3.550	3.750	-	-	-
Building laborers	3.105	3.235	12 7½¢	-	-	Tile layers' helpers	3.400	3.600	-	-	-
Elevator constructors'	-	-	-	-	-	DES MOINES, IOWA					
helpers	3.040	3.180	7½¢	10½¢	(*)	Journeyman					
Marble setters' helpers	3.175	3.190	15¢	-	-	Asbestos workers	4.150	4.100	15¢	15¢	20¢
Plasterers' laborers	3.375	3.505	12 7½¢	-	-	Boilermakers	4.300	4.450	10¢	20¢	-
Plumbers' laborers	3.105	3.235	12 7½¢	-	-	Bricklayers	4.525	4.975	-	-	-
Terrazzo workers' helpers	3.175	3.190	15¢	-	-	Carpenters	4.050	4.200	-	15¢	-
Base grinders	3.665	3.680	15¢	-	-	Millwrights	4.050	4.325	-	15¢	-
Tile layers' helpers	3.175	3.190	15¢	-	-	Cement finishers	4.200	4.350	-	-	-
DENVER, COLO.						Electricians (inside					
Journeyman						wiremen)					
Asbestos workers	4.240	4.240	10¢	20¢	5 20¢	Elevator constructors	4.210	4.370	7½¢	10½¢	(*)
Boilermakers	4.300	4.450	10¢	20¢	-	Engineers—Power equipment	-	-	-	-	-
Bricklayers	4.550	4.700	-	-	-	operators:	-	-	-	-	-
Sewer work	4.800	4.950	-	-	-	Building construction:	-	-	-	-	-
Carpenters	4.265	4.415	-	-	-	Heavy equipment:	-	-	-	-	-
Residential	3.800	3.950	-	-	-	Cranes and shovels	-	-	-	-	-
Millwrights	4.510	4.570	10¢	-	-	(over ¾ yard	-	-	-	-	-
Cement finishers	4.200	4.350	-	-	-	capacity), paving	-	-	-	-	-
Composition floor layers	-	-	-	-	-	mixers, sideboom	-	-	-	-	-
and machine operators	4.325	4.475	-	-	-	tractors	4.275	4.425	-	-	-
Electricians (inside	4.300	4.620	15¢	1%	-	Medium equipment:	-	-	-	-	-
wiremen)	4.390	4.560	7½¢	10½¢	(*)	Compressors (over	-	-	-	-	-
Elevator constructors	-	-	-	-	-	250 cubic feet	-	-	-	-	-
Engineers—Power equipment	-	-	-	-	-	capacity), hoists	4.050	4.200	-	-	-
operators:	-	-	-	-	-	(1 drum)	4.275	4.425	-	-	-
Building construction:	-	-	-	-	-	Scoops and dozers	-	-	-	-	-
Medium equipment:	-	-	-	-	-	Light equipment:	-	-	-	-	-
Derricks, multiple-	-	-	-	-	-	Compressors (under	-	-	-	-	-
drum hoists	4.000	4.150	-	-	-	250 cubic feet	3.625	3.775	-	-	-
Shovels	3.750	4.100	-	-	-	capacity)	3.850	4.000	-	-	-
Tractors	3.600	3.750	-	-	-	Firemen	3.625	3.775	-	-	-
Concrete pavers	3.750	3.900	-	-	-	Welding machines	3.570	3.570	-	-	5 10¢
Light equipment:	-	-	-	-	-	Glaziers	4.275	4.425	-	-	-
1-drum hoists	3.600	3.750	-	-	-	Lathers	4.400	4.600	-	-	(14)
Compressors,	3.350	3.500	-	-	-	Machinists	4.400	4.600	-	-	-
pumps	-	-	-	-	-	Marble setters	3.850	4.250	-	-	-
Heavy construction:	-	-	-	-	-	Mosaic and terrazzo	-	-	-	-	-
Shovel type (under	3.750	4.100	-	-	-	workers	3.850	4.250	-	-	-
3 yards)	-	-	-	-	-	Painters	3.750	3.900	-	-	15 17¢
Euclid and front	3.600	3.750	-	-	-	Spray, structural steel,	-	-	-	-	-
end loaders	3.600	3.750	-	-	-	swing stage	4.250	4.400	-	-	15 17¢
Full type	3.600	3.750	-	-	-	Paperhangers	3.750	4.150	-	-	15 17¢
Medium equipment:	-	-	-	-	-	Pipefitters	4.360	4.560	20¢	12½¢	5 20¢
Tractors	3.600	3.750	-	-	-	Plasterers	4.275	4.425	-	-	-
Light equipment:	-	-	-	-	-	Plumbers	4.360	4.560	20¢	12½¢	5 20¢
Compressors,	3.350	3.500	-	-	-	Rodmen	4.025	4.175	12½¢	15¢	-
pumps	-	-	-	-	-	Roofers, composition	3.650	3.800	-	-	-
Core or diamond	3.600	3.750	-	-	-	Roofers, slate and tile	3.650	3.800	-	-	-
drills	-	-	-	-	-	Sheet-metal workers	4.375	4.550	10¢	-	-
Glaziers	3.620	3.770	-	-	-	Stonemasons	4.525	4.975	-	-	-
Lathers	4.400	4.550	-	-	-	Structural-iron workers	4.025	4.175	12½¢	15¢	-
Machinists	4.750	5.050	-	10¢	-	Tile layers	3.850	4.250	-	-	-
Marble setters	4.450	4.700	-	-	-	Helpers and laborers					
Mosaic and terrazzo	-	-	-	-	-	Bricklayers' tenders	3.325	3.550	7½¢	-	-
workers	4.450	4.700	-	-	-	Mortar mixers	3.425	3.550	7½¢	-	-
Painters	3.850	3.850	15¢	-	-	Building laborers	3.325	3.450	7½¢	-	-
Spray	4.330	4.330	15¢	-	-	Elevator constructors'	-	-	-	-	-
Paperhangers	3.950	3.950	15¢	-	-	helpers	2.950	3.060	7½¢	10½¢	(*)
Pipefitters	4.350	4.440	14¢	10¢	12¢	Marble setters' helpers	3.450	3.590	-	-	-
Plasterers	4.400	4.550	-	-	-	Plasterers' laborers	3.450	3.575	7½¢	-	-
Plumbers	4.350	4.440	14¢	10¢	12¢	Plumbers' laborers	3.515	3.665	-	-	-
Rodmen	4.350	4.500	10¢	-	-	Terrazzo workers' helpers	3.575	3.715	-	-	-
Roofers, composition	4.200	4.500	-	-	-	Tile layers' helpers	3.450	3.590	-	-	-
Roofers, slate and tile	4.200	4.500	-	-	-	DAYTON, OHIO—Continued					
Sheet-metal workers	4.300	4.450	10¢	-	-	Journeyman—Continued					
Stonemasons	4.550	4.700	-	-	-	Paperhangers	\$ 4.050	\$ 4.150	16¢	-	-
Structural-iron workers	4.350	4.500	10¢	-	-	Pipefitters	4.450	4.550	10¢	10¢	-
Tile layers	4.450	4.700	-	-	-	Plasterers	4.350	4.500	-	-	-

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965			Trade or occupation	July 1, 1964	July 1, 1965				
	Rate per hour	Rate per hour	Employer contribution to fund ¹			Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insurance ²	Pension				Vacation pay ³	Insurance ²	Pension	Vacation pay ³
DETROIT, MICH.					ERIE, PA.—Continued						
<u>Journeyman</u>					<u>Journeyman—Continued</u>						
Asbestos workers.....	\$4.450	\$5.050	24¢	15¢	-	Engineers—Power equipment operators—Continued					
Boilermakers.....	4.575	4.925	10¢	10¢	15¢	Heavy construction:					
Bricklayers.....	4.560	4.810	15¢	4%	-	Heavy equipment:					
Carpenters.....	4.200	4.300	15¢	6%	4%	Cranes, shovels.....	\$4.550	\$4.770	10¢	10¢	
Home insulators.....	4.200	4.430	15¢	6%	4%	Scoops (carryall).....	4.350	4.530	10¢	10¢	
Millwrights.....	4.200	4.600	15¢	6%	4%	Medium equipment:					
Cement finishers.....	4.050	4.300	15¢	3%	17 1/2%	Bulldozers.....	4.350	4.530	10¢	10¢	
Electricians (inside wiremen).....	4.600	5.000	14¢	1%+10¢	19 7%	Compressors, hoists.....	4.060	4.240	10¢	10¢	
Elevator constructors.....	4.410	4.550	7 1/2¢	10 1/2¢	(*)	Light equipment:					
Engineers—Power equipment operators:						Rollers, pumps, welders.....	4.060	4.240	10¢	10¢	
Building and heavy construction:						Glaziers.....	3.750	3.875	-	-	
On steel.....	4.650	4.850	15¢	15¢	17 5¢	Lathers.....	4.485	4.610	10¢	-	
Compressors.....	4.350	4.450	15¢	15¢	17 5¢	Machinists.....	3.790	3.890	-	-	
Not on steel.....	4.200	4.430	15¢	4%	17 10¢	Marble setters.....	4.250	4.250	10¢	-	
Compressors.....	3.820	3.975	15¢	4%	17 10¢	Mosaic and terrazzo workers.....	4.250	4.250	10¢	-	
Glaziers.....	3.820	4.050	15¢	10¢	-	Painters.....	3.675	3.800	-	-	
Lathers.....	4.110	4.360	18¢	13¢	25¢	Roller.....	3.775	3.900	-	-	
Marble setters.....	4.370	4.750	10¢	10¢	16¢	Spray.....	4.055	4.180	-	-	
Mosaic and terrazzo workers.....	4.220	4.520	10¢	10¢	15¢	Structural steel.....	3.895	4.020	-	-	
Painters.....	3.900	4.000	20¢	20¢	25¢	Paperhangers.....	3.675	3.800	-	-	
Spray and swing stage.....	4.150	4.250	20¢	20¢	25¢	Pipefitters.....	4.125	4.325	15¢	10¢	
Paperhangers.....	3.900	4.000	20¢	20¢	25¢	Plasterers.....	4.175	4.300	10¢	-	
Pipefitters.....	4.510	4.715	10 1/2¢	13 1/2¢	19 29¢	Plumbers.....	4.125	4.325	15¢	10¢	
Sprinkler fitters.....	4.580	4.910	11¢	10¢	19 30¢	Rodmen.....	4.385	4.510	20¢	-	
Plasterers.....	4.140	4.390	20¢	12¢	4%	Roofers, composition.....	3.725	3.850	-	-	
Plumbers.....	4.625	4.780	9¢	13 1/2¢	19 41¢	Roofers, slate and tile.....	3.725	3.850	-	-	
Rodmen.....	4.170	4.470	15¢	6%	19 6%	Sheet-metal workers.....	4.125	4.250	12 1/2¢	20¢	
Roofers, composition.....	4.370	4.520	20¢	10¢	-	Stonemasons.....	4.575	4.700	10¢	-	
Roofers, slate and tile.....	4.870	5.020	20¢	10¢	-	Structural-iron workers.....	4.385	4.510	20¢	-	
Precast tile.....	4.370	4.520	20¢	10¢	-	Tile layers.....	4.250	4.250	10¢	-	
Sheet-metal workers:						<u>Helpers and laborers</u>					
Agreement A.....	4.400	4.650	16¢	3%	5%	Bricklayers' tenders.....	3.250	3.375	10¢	10¢	
Agreement B.....	4.350	4.500	3%	3%	5%	Hod carriers.....	3.350	3.475	10¢	10¢	
Stonemasons.....	4.560	4.810	15¢	4%	-	Building laborers.....	3.150	3.275	10¢	10¢	
Structural-iron workers.....	4.580	4.880	4%	3%	3%	Elevator constructors' helpers.....	2.960	3.045	7 1/2¢	10 1/2¢	
Riggers.....	3.850	4.100	9%	6%	5%	Marble setters' helpers.....	3.250	3.500	-	-	
Tile layers.....	4.120	4.270	10¢	10¢	20¢	Plasterers' laborers.....	3.350	3.475	10¢	10¢	
<u>Helpers and laborers</u>					<u>EVANSVILLE, IND.</u>						
Bricklayers' tenders.....	3.270	3.690	15¢	3%	17 10¢	<u>Journeyman</u>					
Mortar mixers.....	3.300	3.720	15¢	3%	17 10¢	Asbestos workers.....	4.150	4.450	10¢	10¢	
Building laborers:						Boilermakers.....	4.650	4.900	10¢	20¢	
Agreement A.....	3.220	3.640	15¢	3%	17 10¢	Bricklayers.....	4.350	4.600	-	-	
Agreement B.....	3.220	3.640	11¢	3%	17 10¢	Carpenters.....	3.900	4.000	15¢	10¢	
Elevator constructors' helpers.....	3.090	3.190	7 1/2¢	10 1/2¢	(*)	Residential.....	3.100	3.500	15¢	10¢	
Marble setters' helpers.....	3.600	3.960	10¢	10¢	9¢	Millwrights and piledrivers.....	3.950	4.150	15¢	10¢	
Plasterers' laborers.....	3.550	3.720	13¢	-	30¢	Cement finishers.....	3.695	3.970	10¢	-	
Terrazzo workers' helpers.....	3.610	3.810	10¢	10¢	12¢	Scaffold and swing.....	3.945	4.220	10¢	-	
Base machine and dry grinders.....	4.010	4.210	10¢	10¢	12¢	Electricians (inside wiremen).....	4.280	4.410	-	1%	
Tile layers' helpers.....	3.360	3.510	10¢	10¢	20¢	Elevator constructors.....	4.140	4.300	7 1/2¢	10 1/2¢	
ERIE, PA.					Engineers—Power equipment operators:						
<u>Journeyman</u>					 Building construction:						
Bricklayers.....	4.575	4.700	10¢	-	-	Heavy equipment:					
Carpenters.....	4.090	4.215	10¢	-	-	Cranes, derricks, shovels, draglines.....	4.260	4.410	-	-	
Millwrights.....	4.240	4.365	10¢	-	-	Medium equipment:					
Cement finishers.....	3.925	4.050	10¢	-	-	Drill operators, welding machines.....	3.860	4.010	-	-	
Electricians (inside wiremen).....	4.475	4.550	15¢	1%	-	Dredges.....	4.260	4.410	-	-	
Elevator constructors.....	4.230	4.350	7 1/2¢	10 1/2¢	(*)	Light equipment:					
Engineers—Power equipment operators:						Portable loaders, air compressors (200 cubic feet or more).....	3.860	4.010	-	-	
Building construction:						Air compressors (under 200 cubic feet), generators.....	3.560	3.710	-	-	
Heavy equipment:						Throttle valves.....	4.260	4.410	-	-	
Shovels, cranes, ditchers.....	4.550	4.575	10¢	10¢	-						
Medium equipment:											
Graders, bulldozers.....	4.075	4.100	10¢	10¢	-						
Scoops (carryall).....	4.175	4.200	10¢	10¢	-						
Light equipment:											
Compressors, pumps.....	3.925	3.950	10¢	10¢	-						
Rollers.....	4.075	4.100	10¢	10¢	-						

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965				Trade or occupation	July 1, 1964		July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insurance ²	Pension	Vacation pay ³					Insurance ²	Pension	Vacation pay ³	
EVANSVILLE, IND.—Continued						FRESNO, CALIF.—Continued							
Journeyman—Continued						Journeyman—Continued							
Engineers—Power equipment operators—Continued						Engineers—Power equipment operators—Continued							
Heavy construction:						Heavy construction:							
Heavy equipment:						Heavy equipment:							
Cranes or derricks (with attachments), piledrivers, (skid or crawler).....						Power shovels up to and including 1 yard.....							
	\$4.200	\$4.300	-	-	-	\$5.175	\$5.410	19½¢	20¢	17½¢	17½¢		
Bulldozers.....						Over 1 yard.....							
	4.100	4.200	-	-	-	5.305	5.550	19½¢	20¢	17½¢	17½¢		
Medium equipment:						Euclids (with earth moving equipment up to and including 45 cubic yards "struck").....							
High-lift shovels (½ to 5 yards), tractors, boom, push, with scoop.....						Highline cableways (over 5 tons).....							
	4.100	4.200	-	-	-	4.965	5.190	19½¢	20¢	17½¢	17½¢		
High-lift shovels (over 5 yards).....						Medium equipment:							
	4.200	4.300	-	-	-	4.965	5.190	19½¢	20¢	17½¢	17½¢		
Light equipment:						Mucking machines.....							
Air compressors.....						Dual-drum mixers.....							
	2.850	2.950	-	-	-	4.785	4.995	19½¢	20¢	17½¢	17½¢		
Portable excavating loaders.....						Tractors.....							
	3.700	3.800	-	-	-	4.895	5.140	19½¢	20¢	17½¢	17½¢		
Welding machines.....						Light equipment:							
	2.850	2.950	-	-	15¢	4.285	4.465	19½¢	20¢	17½¢	17½¢		
Glaziers.....						Locomotives.....							
	3.425	3.575	-	-	-	4.705	4.910	19½¢	20¢	17½¢	17½¢		
Lathers.....						Steam or over 30 tons.....							
	4.150	4.300	-	-	-	5.175	5.410	19½¢	20¢	17½¢	17½¢		
Marble setters.....						Over 25 tons.....							
	3.875	4.025	-	-	-	4.430	4.490	10¢	10¢	10¢	20.4%		
Mosaic and terrazzo workers.....						Glaziers.....							
	3.875	4.025	-	-	-	4.750	4.850	10¢	-	-	-		
Painters.....						Lathers.....							
	3.500	3.750	15¢	-	-	4.525	4.650	15¢	-	10¢	-		
Spray.....						Mosaic and terrazzo workers.....							
	4.250	4.500	15¢	-	-	4.380	4.680	10¢	-	-	-		
Structural steel.....						Painters.....							
	4.500	4.500	15¢	-	-	4.630	4.930	10¢	-	-	-		
Spray.....						Spray.....							
	5.000	5.000	15¢	-	-	4.630	4.930	10¢	-	-	-		
Paperhangers.....						Paperhangers.....							
	3.500	3.750	15¢	-	-	4.400	5.630	33¢	13¢	-	-		
Pipefitters.....						Pipefitters.....							
	4.180	4.350	10¢	-	15¢	4.550	4.700	12½¢	-	-	-		
Plasterers.....						Plasterers.....							
	4.300	4.450	-	-	-	5.400	5.630	33¢	13¢	-	-		
Plumbers.....						Plumbers.....							
	4.180	4.350	10¢	-	15¢	4.750	4.820	23¢	15¢	15¢	15¢		
Rodmen.....						Rodmen.....							
	4.400	4.580	10¢	10¢	-	4.100	4.300	10¢	-	-	-		
Roofers, composition.....						Roofers, slate and tile.....							
	3.550	3.700	-	-	-	4.650	4.850	15¢	13¢	5%	-		
Roofers, slate and tile.....						Sheet-metal workers.....							
	3.850	4.000	-	-	-	5.000	5.070	23¢	15¢	15¢	15¢		
Concrete slab; gypsum plank.....						Tile layers.....							
	3.700	3.850	-	-	-	4.525	4.650	15¢	-	10¢	-		
Sheet-metal workers.....						Helpers and laborers							
	4.120	4.300	10¢	10¢	-	Bricklayers' tenders.....							
Structural-iron workers.....						Building laborers.....							
	4.400	4.580	10¢	10¢	-	3.800	3.850	20¢	15¢	20¢	20¢		
Tile layers.....						Elevator constructors' helpers.....							
	3.875	4.025	-	-	-	3.575	3.775	20¢	15¢	20¢	20¢		
Helpers and laborers						Elevator constructors' helpers.....							
Bricklayers' tenders.....						Plasterers' laborers.....							
	3.025	3.150	10¢	10¢	-	3.490	3.660	7½¢	10½¢	(*)	(*)		
Building laborers.....						Terrazzo workers' helpers.....							
	2.875	3.000	10¢	10¢	-	4.300	4.350	15¢	-	-	-		
Elevator constructors' helpers.....						Tile layers' helpers.....							
	2.900	3.010	7½¢	10½¢	(*)	3.600	3.725	10¢	-	-	-		
Plasterers' laborers.....						GRAND RAPIDS, MICH.							
	3.025	3.150	10¢	10¢	-	Journeyman							
Terrazzo workers' helpers.....						Asbestos workers.....							
	3.025	3.150	10¢	10¢	-	4.220	4.300	20¢	25¢	45¢	45¢		
Tile layers' helpers.....						Bricklayers.....							
	3.025	3.150	10¢	10¢	-	4.400	4.500	15¢	-	-	-		
FRESNO, CALIF.						Residential.....							
Journeyman						Carpenters.....							
Asbestos workers.....						Millwrights.....							
	5.160	5.530	30¢	20¢	40¢	3.650	3.850	13¢	10¢	10¢	10¢		
Boilermakers.....						Millwrights.....							
	5.000	5.250	10¢	10¢	15¢	4.150	4.550	13¢	10¢	10¢	10¢		
Bricklayers.....						Cement finishers.....							
	4.600	4.750	15¢	-	15¢	3.870	4.050	8¢	-	-	-		
Carpenters.....						Electricians (inside wiremen).....							
	4.340	4.650	23¢	25¢	15¢	4.250	4.490	11¢	1%	4%	4%		
Floor layers, shinglers.....						Elevator constructors.....							
	4.490	4.800	23¢	25¢	15¢	4.190	4.330	7½¢	10½¢	(*)	(*)		
Millwrights.....						Engineers—Power equipment operators:							
	4.640	4.950	23¢	25¢	15¢	Building and heavy construction:							
Cement finishers.....						Air compressors.....							
	4.195	4.265	16¢	20¢	30¢	3.580	3.680	10¢	10¢	-	-		
Electricians (inside wiremen).....						Bulldozers, pumps, hoists, tractors.....							
	4.970	5.070	15¢	1%	25¢	3.970	4.150	10¢	10¢	-	-		
Elevator constructors.....						Cranes, shovels, piledrivers.....							
	4.990	5.230	7½¢	10½¢	(*)	4.130	4.310	10¢	10¢	-	-		
Engineers—Power equipment operators:						Oilers and firemen.....							
Building construction:						Steel erection.....							
Heavy equipment:						Glaziers.....							
Derricks.....						Lathers.....							
	5.175	5.410	19½¢	20¢	17½¢	3.540	3.640	8¢	-	25¢	-		
Medium equipment:						Marble setters.....							
Hoists (1 drum).....						Mosaic and terrazzo workers.....							
	4.545	4.740	19½¢	20¢	17½¢	4.200	4.200	15¢	-	-	-		
Mixermobiles.....						Painters.....							
	4.785	4.995	19½¢	20¢	17½¢	3.520	3.740	13¢	-	-	-		
Light equipment:						Spray and swing stage.....							
Compressors.....						Paperhangers.....							
	4.185	4.355	19½¢	20¢	17½¢	3.770	3.990	13¢	-	-	-		
Compressors (2 or 6).....						Pipefitters.....							
	4.655	4.855	19½¢	20¢	17½¢	4.650	4.720	10¢	10¢	-	-		
Towermobiles.....						Plasterers.....							
	4.545	4.740	19½¢	20¢	17½¢	3.800	3.900	10¢	-	10¢	10¢		
Concrete mixers (up to 1 yard).....						Plumbers.....							
	4.185	4.355	19½¢	20¢	17½¢	4.650	4.720	10¢	10¢	-	-		
						4.350	4.550	15¢	-	-	-		

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965							
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹						
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³				
GRAND RAPIDS, MICH.—Continued					HOUSTON, TEX.—Continued										
<u>Journeyman</u> —Continued					<u>Helpers and laborers</u>										
Roofers, composition	\$ 3.600	\$ 3.750	-	-	-	Bricklayers' tenders	\$ 2.590	\$ 2.705	-	-	-				
Roofers, slate and tile	3.750	3.900	-	-	-	Mortar mixers	2.690	2.805	-	-	-				
Sheet-metal workers	3.870	3.970	12¢	10¢	4%	Building laborers	2.415	2.530	-	-	-				
Stonemasons	4.400	4.500	15¢	-	-	Elevator constructors'									
Structural-iron workers	4.600	4.800	15¢	-	-	helpers	2.910	2.990	7½¢	10½¢	(*)				
Tile layers	4.200	4.200	15¢	-	-	Marble setters' helpers	2.450	2.550	-	-	-				
<u>Helpers and laborers</u>					Plasterers' laborers						2.690	2.805	-	-	-
Bricklayers' tenders	3.030	3.200	8¢	-	-	Terrazzo workers' helpers	2.450	2.550	-	-	-				
Mortar mixers	3.130	3.300	8¢	-	-	Base machine	2.750	2.850	-	-	-				
Building laborers	3.030	3.200	8¢	-	-	Floor machine	2.600	2.700	-	-	-				
Elevator constructors'						Tile layers' helpers	2.450	2.550	-	-	-				
helpers	2.930	3.030	7½¢	10½¢	(*)	INDIANAPOLIS, IND.									
Marble setters' helpers	3.250	3.350	12¢	-	-	<u>Journeyman</u>									
Plasterers' laborers	3.155	3.325	8¢	-	-	Asbestos workers	4.450	4.450	15¢	10¢	-				
Terrazzo workers' helpers	3.250	3.350	12¢	-	-	Boilermakers	4.650	4.900	10¢	20¢	-				
Base machine	3.600	3.700	12¢	-	-	Bricklayers	4.600	4.800	-	-	-				
Tile layers' helpers	3.250	3.350	12¢	-	-	Carpenters	4.250	4.400	7½¢	-	-				
HOUSTON, TEX.					Cement finishers						3.825	4.000	10¢	-	
<u>Journeyman</u>					Electricians (inside										
Asbestos workers	4.475	4.650	12½¢	10¢	-	wiremen)	4.475	4.625	2%	1%+10¢	-				
Boilermakers	4.200	4.400	10¢	10¢	-	Elevator constructors	4.300	4.420	7½¢	10½¢	(*)				
Bricklayers	4.400	4.550	-	-	-	Engineers—Power equipment									
Carpenters	4.120	4.120	-	-	-	operators:									
Millwrights	4.295	4.470	-	-	-	Building construction:									
Cement finishers	3.975	4.125	12½¢	-	-	Heavy equipment:									
Electricians (inside						Cranes	4.310	4.410	-	15¢	-				
wiremen)	4.205	4.355	11¢	1%+15¢	22½¢	Derricks—Bull									
Elevator constructors	4.160	4.270	7½¢	10½¢	(*)	wheels	4.560	4.660	-	15¢	-				
Engineers—Power equipment						Hoists	4.210	4.310	-	15¢	-				
operators:						Medium equipment:									
Building construction:						Concrete mixers									
Heavy equipment:						(21 cubic feet)	4.160	4.260	-	15¢	-				
Bulldozers, cat						Concrete pumps,									
tractors, cranes,						tractor shovels	4.210	4.310	-	15¢	-				
derricks, draglines,						Light equipment:									
hoists (2 drums or						Air compressors,									
more), mixers						pumps (water),	2.810	2.900	-	15¢	-				
(14 cubic feet or						welding machines									
more), piledrivers,	4.300	4.300	12½¢	-	-	Heavy construction:									
shovels						Heavy equipment:									
Light equipment:						Auto patrols,	4.100	4.150	-	15¢	-				
Air compressors,						scoops, cranes									
mixers (less than						Medium equipment:									
14 cubic feet),						Bulldozers	4.000	4.050	-	15¢	-				
pumps	3.800	3.800	12½¢	-	-	Trench machines	3.800	3.850	-	15¢	-				
Heavy construction:						Light equipment:									
Heavy equipment:						Compressors,									
Bulldozers, graders,						pumps	2.750	2.800	-	15¢	-				
blade (self-propelled),						Tractors	3.050	3.100	-	15¢	-				
mixers (14 cubic feet						Glaziers	4.270	4.270	-	-	-				
or over), scrapers						Lathers	4.325	4.550	-	-	-				
(over 3 cubic yards)	4.300	4.300	12½¢	-	-	Marble setters	4.360	4.560	-	-	-				
Light equipment:						Mosaic and terrazzo									
Air compressors,						workers	4.050	4.400	-	-	-				
pumps, wagon-drill						Painters	4.000	4.100	-	-	-				
operators	3.800	3.800	12½¢	-	-	Spray	4.500	4.600	-	-	-				
Glaziers	3.725	3.850	12½¢	-	-	Paperhangers	4.000	4.100	-	-	-				
Lathers	4.250	4.350	12¢	-	-	Pipefitters	4.350	4.550	10¢	-	-				
Machinists	4.325	4.500	-	-	-	Plasterers	4.325	4.550	10¢	-	-				
Marble setters	4.050	4.150	-	-	-	Plumbers	4.350	4.550	10¢	-	-				
Mosaic and terrazzo						Rodmen	4.350	4.500	15¢	10¢	-				
workers	4.050	4.150	-	-	-	Roofers, composition	3.870	4.070	-	-	-				
Painters	3.885	4.035	7½¢	-	-	Roofers, slate and tile	4.120	4.320	-	-	-				
Industrial	3.985	4.135	7½¢	-	-	Sheet-metal workers	4.180	4.430	15¢	10¢	-				
Spray	4.260	4.410	7½¢	-	-	Stonemasons	4.600	4.800	-	-	-				
Industrial	4.310	4.460	7½¢	-	-	Structural-iron workers	4.350	4.500	15¢	10¢	-				
Paperhangers	3.885	4.035	7½¢	-	-	Tile layers	4.360	4.560	-	-	-				
Pipefitters	4.200	4.200	17½¢	17½¢	-	<u>Helpers and laborers</u>									
Plasterers	4.250	4.350	12¢	-	-	Bricklayers' tenders	3.045	3.145	10¢	10¢	-				
Plumbers	4.100	4.200	12½¢	15¢	20¢	Building laborers	2.950	3.050	10¢	10¢	-				
Rodmen	3.925	4.025	12½¢	10¢	-	Composition roofers'									
Roofers, composition	3.575	3.700	-	-	-	helpers	3.420	3.520	-	-	-				
Roofers, slate and tile	3.960	4.085	-	-	-	Elevator constructors'									
Sheet-metal workers	3.960	4.085	7½¢	12½¢	15¢	helpers	3.010	3.090	7½¢	10½¢	(*)				
Stonemasons	4.400	4.550	-	-	-	Marble setters' helpers	3.200	3.400	-	-	-				
Structural-iron workers	4.150	4.250	12½¢	10¢	-	Plasterers' laborers	3.045	3.145	10¢	10¢	-				
Sheeters and buckers-up	4.275	4.350	12½¢	10¢	-	Terrazzo workers' helpers	3.300	3.475	-	-	-				
Tile layers	4.050	4.150	-	-	-	Base machine	3.750	3.900	-	-	-				
						Tile layers' helpers	3.200	3.400	-	-	-				

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
JACKSON, MISS.						JACKSONVILLE, FLA.—Continued					
<u>Journeyman</u>						<u>Journeyman—Continued</u>					
Asbestos workers.....	\$4.150	\$4.325	10¢	-	-	Marble setters.....	\$3.650	\$3.800	-	-	-
Bricklayers.....	3.750	4.000	-	-	-	Mosaic and terrazzo workers.....	3.650	3.800	-	-	-
Carpenters.....	3.300	3.450	-	-	-	Painters.....	3.250	3.400	-	-	-
Residential.....	3.100	3.250	-	-	-	Structural steel erected.....	3.775	4.025	-	-	-
Millwrights, piledrivers.....	3.550	3.700	-	-	-	Spray.....	3.660	3.910	-	-	-
Cement finishers.....	3.050	3.175	-	-	-	Swing stage.....	3.775	4.025	-	-	-
Machinemen.....	3.200	3.325	-	-	-	Paperhangers.....	3.250	3.400	-	-	-
Electricians (inside wiremen).....	3.900	3.900	-	1%	-	Furnish own handtools.....	3.500	3.650	-	-	-
Elevator constructors.....	3.715	3.800	7 1/2¢	10 1/2¢	(*)	Pipefitters.....	4.000	4.000	10¢	20¢	-
Engineers—Power equipment operators:						Plasterers.....	3.650	3.800	-	-	-
Building construction:						Plumbers.....	4.000	4.000	10¢	20¢	-
Air compressors.....	2.525	2.750	-	-	-	Rodmen.....	3.900	4.050	12¢	-	-
Cranes, bulldozers, derricks, draglines, piledrivers, scrapers, shovels.....	3.475	3.700	-	-	-	Roofers, composition.....	3.350	3.450	-	-	-
Hoists, mixers.....	3.075	3.300	-	-	-	Roofers, slate and tile.....	3.350	3.450	-	-	-
Pumps.....	2.525	2.750	-	-	-	Sheet-metal workers.....	3.950	4.150	10¢	-	-
Concrete.....	3.075	3.300	-	-	-	Stonemasons.....	4.000	4.100	-	-	-
Rollers, finishing machines.....	3.075	3.300	-	-	-	Structural- and ornamental-iron workers.....	3.900	4.050	12¢	-	-
Lathers.....	3.390	3.500	-	-	-	Tile layers.....	3.650	3.800	-	-	-
Marble setters.....	3.500	3.500	-	-	-	<u>Helpers and laborers</u>					
Mosaic and terrazzo workers.....	3.500	3.500	-	-	-	Bricklayers' tenders.....	1.700	1.800	-	-	-
Painters.....	2.875	3.000	-	-	-	Mortar mixers.....	1.750	1.850	-	-	-
Spray.....	3.375	3.500	-	-	-	Building laborers.....	1.550	1.650	-	-	-
Swing stage, structural steel.....	3.125	3.250	-	-	-	Composition roofers' helpers.....	1.750	1.850	-	-	-
Paperhangers.....	2.875	3.000	-	-	-	Elevator constructors' helpers.....	2.760	2.930	7 1/2¢	10 1/2¢	(*)
Pipefitters.....	4.150	4.300	-	-	-	Plasterers' laborers.....	1.700	1.800	-	-	-
Plasterers.....	3.400	3.550	-	-	-	KANSAS CITY, MO.					
Plumbers.....	4.150	4.300	-	-	-	<u>Journeyman</u>					
Rodmen.....	3.325	3.325	-	-	-	Asbestos workers.....	4.170	4.270	15¢	15¢	4%
Roofers, composition.....	2.300	2.600	-	-	-	Boilermakers.....	4.300	4.450	10¢	20¢	-
Roofers, slate and tile.....	2.300	2.600	-	-	-	Bricklayers.....	4.575	4.725	10¢	-	-
Sheet-metal workers.....	3.700	3.800	-	-	-	Carpenters.....	4.025	4.150	15¢	-	-
Stonemasons.....	3.750	4.000	-	-	-	Cement finishers.....	4.050	4.050	10¢	15¢	-
Structural- and ornamental-iron workers.....	3.575	3.575	-	-	-	Composition.....	4.175	4.175	10¢	15¢	-
Tile layers.....	3.500	3.500	-	-	-	Electricians (inside wiremen).....	4.680	4.680	10¢	15¢+15¢	-
<u>Helpers and laborers</u>						Elevator constructors.....	4.290	4.470	7 1/2¢	10 1/2¢	(*)
Bricklayers' tenders.....	1.725	1.800	-	-	-	Engineers—Power equipment operators:					
Mortar mixers.....	1.775	1.850	-	-	-	Building construction:					
Building laborers.....	1.625	1.700	-	-	-	Heavy equipment:					
Air tool operators.....	1.725	1.800	-	-	-	Cranes, power shovels.....	4.045	4.070	12 1/2¢	15¢	-
Composition roofers' helpers.....	1.450	1.800	-	-	-	Hoists (3 drums or more).....	4.170	4.195	12 1/2¢	15¢	-
Elevator constructors' helpers.....	2.600	2.720	7 1/2¢	10 1/2¢	(*)	Medium equipment:					
Plasterers' laborers.....	1.725	1.800	-	-	-	Bulldozers, forklifts (all types), hoists (1 drum).....	3.800	3.825	12 1/2¢	15¢	-
JACKSONVILLE, FLA.						Light equipment:					
<u>Journeyman</u>						Finishing machines.....	3.660	3.685	12 1/2¢	15¢	-
Asbestos workers.....	3.915	4.200	10¢	7¢	-	Tractors, less than 50 horsepower (except when hauling material).....	3.250	3.275	12 1/2¢	15¢	-
Boilermakers.....	4.250	4.350	10¢	10¢	-	Heavy construction:					
Bricklayers.....	4.000	4.100	-	-	-	Heavy equipment:					
Carpenters.....	3.550	3.750	-	-	-	Draglines, shovels, dredges (steam, gas, Diesel), piledrivers.....	3.950	3.950	12 1/2¢	15¢	-
Millwrights.....	3.900	4.120	-	-	-	Medium equipment:					
Cement finishers.....	3.200	3.300	-	-	-	Bulldozers.....	3.750	3.750	12 1/2¢	15¢	-
Electricians (inside wiremen).....	4.100	4.250	-	1%	-	Hoists (1 drum).....	3.600	3.600	12 1/2¢	15¢	-
Elevator constructors.....	3.940	4.180	7 1/2¢	10 1/2¢	(*)	Tractors, over 50 horsepower.....	3.750	3.750	12 1/2¢	15¢	-
Engineers—Power equipment operators:						Light equipment:					
Air compressors.....	2.400	2.510	-	-	-	Siphons and jets.....	3.600	3.600	12 1/2¢	15¢	-
Bulldozers, D-6 and larger.....	3.500	3.630	-	-	-	Subgrading machines.....	3.525	3.525	12 1/2¢	15¢	-
Cranes (erecting steel).....	3.700	3.850	-	-	-	Tractors, less than 50 horsepower.....	3.115	3.115	12 1/2¢	15¢	-
Derricks, draglines, piledrivers.....	3.700	3.850	-	-	-	Glaziers.....	4.195	4.260	12 1/2¢	-	-
Graders, motor patrol.....	3.400	3.850	-	-	-	Lathers.....	4.200	4.275	-	-	-
Hoists.....	3.500	3.630	-	-	-	Machinists.....	4.400	4.600	-	-	-
Pumps.....	2.500	2.510	-	-	-	Marble setters.....	4.450	4.600	3.65%	3.25%	-
Scrapers.....	3.050	3.250	-	-	-	Mosaic and terrazzo workers.....	4.450	4.600	3.65%	3.25%	-
Shovels.....	3.700	3.850	-	-	-	Painters.....	3.950	4.075	12 1/2¢	-	-
Tractors.....	2.850	2.970	-	-	-	Paperhangers.....	3.950	4.075	(22)	-	-
Trench machines.....	3.050	3.270	-	-	-						
Glaziers.....	3.350	3.500	-	-	-						
Lathers.....	3.650	3.750	-	-	-						

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
KANSAS CITY, MO.—Continued						KNOXVILLE, TENN.—Continued					
<u>Journeyman—Continued</u>						<u>Helpers and laborers</u>					
Pipefitters.....	\$4.450	\$4.550	17½¢	20¢	-	Building laborers.....	\$2.275	\$2.350	-	-	-
Sprinkler fitters.....	4.560	4.710	11¢	10¢	-	Composition roofers' helpers.....	2.300	2.370	-	-	-
Plasterers.....	4.275	4.425	10¢	-	-	Elevator constructors' helpers.....	2.760	2.840	7½¢	10½¢	(*)
Plumbers.....	4.450	4.650	12½¢	15¢	-	Plasterers' laborers.....	2.325	2.400	-	-	-
Rodmen.....	4.025	4.225	12½¢	-	-	Hod carriers.....	2.425	2.500	-	-	-
Roofers, composition.....	3.725	3.900	12½¢	-	-	LITTLE ROCK, ARK.					
Roofers, slate and tile.....	3.725	3.900	12½¢	-	-	<u>Journeyman</u>					
Sheet-metal workers.....	4.175	4.325	10¢	10¢	\$10¢	Asbestos workers.....	4.050	4.200	10¢	-	-
Stonemasons.....	4.325	4.500	15¢	-	-	Boilermakers.....	4.200	4.400	10¢	10¢	-
Structural-iron workers.....	4.175	4.375	12½¢	-	-	Bricklayers.....	4.150	4.300	-	-	-
Tile layers.....	4.450	4.600	3.65%	3.25%	-	Carpenters.....	3.550	3.650	15¢	-	-
<u>Helpers and laborers</u>						Residential.....	3.300	3.400	15¢	-	-
Bricklayers' tenders.....	3.200	3.395	10¢	-	-	Millwrights, piledrivers.....	3.800	3.900	15¢	-	-
Hod carriers.....	3.200	3.445	10¢	-	-	Cement finishers.....	3.600	3.700	-	-	-
Building laborers.....	3.005	3.200	10¢	-	-	Electricians (inside wiremen).....	3.950	4.350	-	1%	-
Elevator constructors' helpers.....	3.000	3.130	7½¢	10½¢	(*)	Elevator constructors.....	3.920	4.140	7½¢	10½¢	(*)
Marble setters' helpers.....	3.200	3.370	-	-	-	Engineers—Power equipment operators:					
Plasterers' laborers.....	3.200	3.395	10¢	-	-	Air compressors:					
Plumbers' laborers.....	3.100	3.295	10¢	-	-	Under 365 c. f. m.....	3.000	3.100	-	-	-
Terrazzo workers' helpers.....	3.310	3.430	-	-	-	Over 365 c. f. m.....	3.200	3.300	-	-	-
Base machine.....	3.710	3.830	-	-	-	Bulldozers.....	3.750	3.900	-	-	-
Tile layers' helpers.....	3.200	3.370	-	-	-	Cranes, derricks, draglines.....	3.950	4.100	-	-	-
KNOXVILLE, TENN.						Graders.....	3.750	3.900	-	-	-
<u>Journeyman</u>						Hoists:					
Asbestos workers.....	4.050	4.125	10¢	10¢	-	1 drum.....	3.200	3.300	-	-	-
Boilermakers.....	4.250	4.350	10¢	10¢	-	2 drums or more.....	3.750	3.900	-	-	-
Bricklayers.....	4.325	4.425	-	-	-	Locomotives.....	3.950	4.100	-	-	-
Carpenters.....	3.625	3.725	-	-	-	Mixers:					
Millwrights.....	3.775	3.875	-	-	-	Less than 10S.....	3.200	3.300	-	-	-
Piledrivers.....	3.875	3.975	-	-	-	10S or larger.....	3.750	3.900	-	-	-
Cement finishers.....	3.325	3.400	-	-	-	Pumps.....	3.000	3.100	-	-	-
Electricians (inside wiremen).....	4.000	4.150	-	1%	-	Rollers.....	3.200	3.300	-	-	-
Elevator constructors.....	3.945	4.055	7½¢	10½¢	(*)	Shovels.....	3.950	4.100	-	-	-
Engineers—Power equipment operators:						Trench machines.....	3.750	3.900	-	-	-
Group A:						Glaziers.....	3.200	3.330	-	-	-
Cranes, derricks, draglines, hoists (any size handling steel or stone), piledrivers, shovels, winch trucks with A-Frame.....	3.750	3.850	-	-	-	Lathers.....	3.950	3.950	-	10¢	-
Group B:						Marble setters.....	3.550	3.700	-	-	-
Bulldozers, central compressor plants, central mixing plants, elevating graders, hoists (not handling steel or stone), scrapers, trench machines.....	3.500	3.600	-	-	-	Mosaic and terrazzo workers.....	3.550	3.700	-	-	-
Group C:						Painters.....	3.250	3.375	-	-	-
Compressors, portable (2 or 3), finishing machines, mixers (over 2 bags not to include central plants), pumps (2 or 3), tractors.....	3.050	3.150	-	-	-	Residential.....	2.815	2.890	-	-	-
Group D:						Spray.....	3.700	3.825	-	-	-
Air compressors (1 portable), pumps (1).....	2.750	2.850	-	-	-	Structural steel, swing stage.....	3.500	3.625	-	-	-
Glaziers.....	2.950	3.100	-	-	-	Paperhangers.....	3.250	3.375	-	-	-
Lathers.....	3.775	3.900	-	10¢	-	Pipefitters.....	4.100	4.250	-	-	-
Marble setters.....	4.325	4.425	-	-	-	Plasterers.....	3.950	4.100	-	-	-
Mosaic and terrazzo workers.....	4.325	4.425	-	-	-	Plumbers.....	4.100	4.250	-	-	-
Painters.....	3.350	3.900	-	-	-	Rodmen.....	3.800	3.900	10¢	-	-
Residential.....	3.150	3.150	-	-	-	Roofers, composition.....	3.000	3.150	-	-	-
Pipefitters.....	4.150	4.300	-	-	-	Roofers, slate and tile.....	3.000	3.150	-	-	-
Plasterers.....	3.975	4.100	-	-	-	Sheet-metal workers.....	3.900	4.100	-	-	-
Flumbers.....	4.150	4.300	-	-	-	Stonemasons.....	4.150	4.300	-	-	-
Rodmen.....	3.750	3.850	-	-	-	Structural- and ornamental-iron workers.....	3.800	3.900	10¢	-	-
Roofers, composition.....	3.050	3.150	-	-	-	Tile layers.....	3.550	3.700	-	-	-
Roofers, slate and tile.....	3.100	3.200	-	-	-	<u>Helpers and laborers</u>					
Sheet-metal workers.....	3.740	3.950	10¢	-	-	Bricklayers' tenders.....	2.450	2.550	-	-	-
Stonemasons.....	4.325	4.425	-	-	-	Building laborers.....	2.200	2.300	-	-	-
Structural-iron workers.....	3.850	3.950	-	-	-	Elevator constructors' helpers.....	2.744	2.898	7½¢	10½¢	(*)
Tile layers.....	4.325	4.425	-	-	-	Plasterers' laborers.....	2.450	2.550	-	-	-
						Plumbers' laborers.....	2.450	2.550	-	-	-
LOS ANGELES, CALIF.						<u>Journeyman</u>					
						Asbestos workers.....	4.900	5.250	21¢	20¢	30¢
						Boilermakers.....	5.000	5.250	10¢	10¢	15¢
						Bricklayers.....	4.565	4.750	22¢	12½¢	-
						Carpenters.....	4.450	4.640	18¢	25¢	15¢
						Millwrights, parquetry floor layers.....	4.650	4.840	18¢	25¢	15¢
						Wharf and bridge, shingles, and piledrivers.....	4.580	4.770	18¢	25¢	15¢
						Cement finishers.....	4.290	4.460	20¢	25¢	15¢
						Composition and mastic.....	4.410	4.580	20¢	25¢	15¢
						Electricians (inside wiremen).....	5.430	5.460	20¢	1%+20¢	-

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965			Trade or occupation	July 1, 1964		July 1, 1965		
	Rate per hour	Rate per hour	Insurance ²	Pension	Vacation pay ³		Rate per hour	Rate per hour	Insurance ²	Pension	Vacation pay ³
LOS ANGELES, CALIF.—Continued						LOUISVILLE, KY.					
Journeyman—Continued						Journeyman					
Elevator constructors	\$ 4.930	\$ 5.115	7½¢	10½¢	(*)	Asbestos workers	\$ 4.275	\$ 4.400	10¢	-	-
Engineers—Power equipment operators:						Boilermakers	4.450	4.550	10¢	20¢	-
Building construction:						Bricklayers	4.355	4.455	14½¢	-	-
Heavy equipment:						Carpenters	4.025	4.075	15¢	-	-
Universal equipment (shovels, draglines, derricks, derrick-barges, clamshells, or cranes)	4.910	5.260	15¢	15¢	15¢	Millwrights	4.450	4.550	-	-	-
Filedrivers	4.910	5.260	15¢	15¢	15¢	Cement finishers	4.075	4.175	-	-	-
Tractors (bulldozers, tampers, scrapers, or drag-type shovels)	4.810	5.160	15¢	15¢	15¢	On scaffolds	4.325	4.425	-	-	-
Medium equipment:						Electricians (inside wiremen)	4.425	4.545	13¢	1%	-
A-Frame boom trucks	4.510	4.860	15¢	15¢	15¢	Elevator constructors	4.200	4.310	7½¢	10½¢	(*)
Motor patrols, including power blades	4.910	5.260	15¢	15¢	15¢	Engineers—Power equipment operators:					
Light equipment:						Building and heavy construction:					
Air compressors	4.030	4.380	15¢	15¢	15¢	Heavy equipment:					
Concrete mixers (skip type)	4.270	4.620	15¢	15¢	15¢	Bulldozers, cranes, hoists, shovels	4.125	4.175	-	10¢	-
Heavy construction:						Medium equipment:					
Heavy equipment:						Compressors, mixers	3.625	3.675	-	10¢	-
Universal equipment (shovels, draglines, derricks-barges, clamshells, or cranes)	4.910	5.260	15¢	15¢	15¢	Firemen	3.625	3.675	-	10¢	-
Tractors (bulldozers, tampers, scrapers, or drag-type shovels)	4.810	5.160	15¢	15¢	15¢	Light equipment:					
Medium equipment:						Oilers and pumps	3.275	3.325	-	10¢	-
Motor patrols, including power blades	4.910	5.260	15¢	15¢	15¢	Rollers, earth	3.275	3.325	-	-	-
Light equipment:						Glaziers	3.550	3.670	-	-	-
Air compressors	4.030	4.380	15¢	15¢	15¢	Lathers	3.990	4.090	-	10¢	-
Skip loaders (wheel type)	4.810	5.160	15¢	15¢	15¢	Machinists	4.350	4.430	-	-	(25)
Skip loaders (Hough or similar)	4.910	5.260	15¢	15¢	15¢	Marble setters	4.000	4.100	-	-	-
Glaziers	4.310	4.510	12¢	10¢	20 1/8¢	Mosaic and terrazzo workers	4.000	4.100	-	-	-
Lathers:						Painters	3.670	3.770	-	-	-
Metal	4.485	4.660	16¢	10¢	35¢	Spray	4.120	4.220	-	-	-
Nail on	4.545	4.585	19¢	15¢	35¢	Stage, structural steel	4.020	4.120	-	-	-
Machinists	5.150	5.400	-	-	-	Pipefitters	4.100	4.175	10¢	20¢	10¢
Marble setters	4.950	5.000	14½¢	12½¢	-	Plasterers	4.100	4.200	-	-	-
Mosaic and terrazzo workers	4.580	4.750	-	-	-	Plumbers	4.100	4.175	10¢	20¢	10¢
Painters	184.430	184.600	17½¢	20¢	10¢	Rodmen	4.350	4.500	15¢	10¢	-
Spray	184.680	184.850	17½¢	20¢	10¢	Roofers, composition	3.400	3.500	-	-	-
Swing stage, brush	184.680	184.850	17½¢	20¢	10¢	Roofers, slate and tile	3.900	3.900	-	-	-
Swing stage, spray	184.930	185.100	17½¢	20¢	10¢	Sheet-metal workers	4.100	4.250	10¢	10¢	-
Structural steel, bridge	184.550	184.720	17½¢	20¢	10¢	Stonemasons	4.350	4.455	14½¢	-	-
Structural steel, swing	184.830	185.000	17½¢	20¢	10¢	Structural-iron workers	4.350	4.500	15¢	10¢	-
Paperhangers	184.680	184.850	17½¢	20¢	10¢	Tile layers	4.000	4.100	-	-	-
Pipefitters	5.200	5.500	5½¢	6%	19 1/2 %	Helpers and laborers					
Refrigeration fitters	5.060	5.200	23¢	26¢	19 3/4 %	Bricklayers' tenders	3.250	3.350	-	-	-
Sprinkler fitters	5.480	5.840	25¢	10¢	-	Building laborers	3.025	3.125	-	-	-
Plasterers	4.405	4.570	18¢	17½¢	35¢	Elevator constructors' helpers	2.940	3.020	7½¢	10½¢	(*)
Plumbers	5.200	5.500	5½¢	6%	19 1/2 %	Marble setters' helpers	2.950	3.000	-	-	-
Rodmen	4.750	4.820	23¢	15¢	15¢	Plasterers' laborers	3.250	3.350	-	-	-
Roofers, composition	4.560	4.820	15¢	-	10¢	Terrazzo workers' helpers	2.950	3.000	-	-	-
Roofers, slate and tile	4.560	4.820	15¢	-	10¢	Base grinders	3.250	3.300	-	-	-
Sheet-metal workers	4.960	5.450	19¢	12½¢	-	Flat grinders	3.050	3.100	-	-	-
Stonemasons	4.565	4.750	22¢	12½¢	-	Tile layers' helpers	2.950	3.000	-	-	-
Structural-iron workers	5.000	5.070	23¢	15¢	15¢	LUBBOCK, TEX.					
Tile layers	4.925	5.200	14½¢	15¢	25¢	Journeyman					
Helpers and laborers						Asbestos workers	4.360	4.360	10¢	-	-
Bricklayers' tenders	3.850	3.850	16½¢	15¢	10¢	Boilermakers	4.200	4.400	10¢	10¢	-
Building laborers	3.500	3.600	16½¢	15¢	10¢	Bricklayers	4.250	4.350	-	-	-
Elevator constructors' helpers	3.450	3.580	7½¢	10½¢	(*)	Carpenters	3.300	3.400	-	-	-
Marble setters' helpers	3.785	3.855	14½¢	18¢	-	Electricians (inside wiremen)	4.000	4.100	-	-	1%
Plasterers' laborers	4.390	4.390	16½¢	22¢	25¢	Elevator constructors	4.180	4.180	7½¢	10½¢	(*)
Terrazzo workers' helpers	3.965	4.135	-	-	-	Engineers—Power equipment operators:					
Base machine	4.230	4.400	-	-	-	Air compressors	3.550	243.075	-	-	-
Tile layers' helpers	3.970	4.070	14½¢	18¢	5 10¢	Bulldozers, cranes, derricks, draglines	4.125	243.875	-	-	-

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
LUBBOCK, TEX.—Continued					MADISON, WIS.—Continued						
<u>Journeyman—Continued</u>					<u>Helpers and laborers—Continued</u>						
Marble setters.....	\$4.250	\$4.350	-	-	-	Plasterers' laborers.....	\$3.400	\$3.650	-	-	-
Painters.....	3.200	3.375	-	-	-	Plumbers' laborers.....	3.350	3.550	-	-	-
Spray.....	3.850	4.025	-	-	-	Terrazzo workers' helpers.....	3.400	3.600	-	-	-
Paperhangers.....	3.325	3.500	-	-	-	Base machine.....	3.695	3.895	-	-	-
Pipefitters.....	4.050	4.150	-	-	-	Tile layers' helpers.....	3.350	3.550	-	-	-
Plasterers.....	4.000	4.000	-	-	-						
Plumbers.....	4.050	4.150	-	-	-						
Rodmen.....	3.750	3.875	-	-	-						
Sheet-metal workers.....	4.200	4.200	-	-	15¢						
Stonemasons.....	4.250	4.350	-	-	-						
Structural- and ornamental-iron workers.....	3.750	3.875	-	-	-						
<u>Helpers and laborers</u>					<u>Journeyman</u>						
Bricklayers' tenders.....	2.540	2.615	-	-	-	Asbestos workers.....	4.125	4.125	12½¢	12½¢	-
Building laborers.....	2.390	2.465	-	-	-	Boilermakers.....	4.250	4.350	10¢	10¢	-
Elevator constructors' helpers.....	2.930	2.930	7½¢	10½¢	(*)	Bricklayers.....	4.550	4.650	20¢	15¢	-
Plasterers' laborers.....	2.540	2.615	-	-	-	Pointers and caulkers.....	4.300	4.400	20¢	15¢	-
Plumbers' laborers.....	2.540	2.615	-	-	-	Carpenters.....	3.900	4.000	-	-	-
						Cement finishers.....	3.575	3.675	-	-	-
						Machine operators.....	3.825	3.925	-	-	-
						Electricians (inside wiremen).....	4.225	4.375	10¢	1%	-
						Elevator constructors.....	4.130	4.250	7½¢	10½¢	(*)
						Engineers—Power equipment operators:					
						Air compressors (portable).....	2.875	2.875	-	-	-
						Bulldozers.....	3.650	3.775	-	-	-
						Cranes, derricks, piledrivers.....	3.900	4.025	-	-	-
						Graders (motor).....	3.650	3.775	-	-	-
						Hoists:					
						1 drum.....	3.200	3.200	-	-	-
						2 drums.....	3.650	3.775	-	-	-
						Locomotives.....	3.650	3.775	-	-	-
						Mixers:					
						11S or smaller.....	2.875	2.875	-	-	-
						Larger than 11S.....	3.650	3.775	-	-	-
						Pumps (4-inch discharge and larger, on excavation).....	2.875	2.875	-	-	-
						Rollers, sheepfoot.....	3.500	3.575	-	-	-
						Scrapers.....	3.650	3.775	-	-	-
						Shovels.....	3.900	4.025	-	-	-
						Tractors (Lynn and Euclid).....	2.875	2.875	-	-	-
						Tractors:					
						40 horsepower or less.....	3.100	3.100	-	-	-
						Over 40 horsepower.....	3.200	3.200	-	-	-
						Trench machines:					
						Under 18 inches.....	3.650	3.775	-	-	-
						Over 18 inches.....	3.900	4.025	-	-	-
						Glaziers.....	3.550	3.700	-	-	-
						Lathers.....	3.750	4.000	10¢	-	-
						Marble setters.....	3.725	3.800	20¢	-	-
						Mosaic and terrazzo workers.....	3.725	3.800	20¢	-	-
						Painters.....	3.700	3.800	-	-	-
						Spray, structural steel.....	3.950	4.050	-	-	-
						Roller.....	3.900	4.000	-	-	-
						Paperhangers.....	3.875	3.975	-	-	-
						Pipefitters.....	4.320	4.470	5¢	-	-
						Plasterers.....	4.000	4.100	-	-	-
						Plumbers.....	4.320	4.470	5¢	-	-
						Rodmen.....	3.900	4.025	10¢	-	-
						Roofers, composition.....	3.200	3.300	-	-	-
						Roofers, slate and tile.....	3.525	3.550	-	-	-
						Sheet-metal workers.....	4.000	4.150	10¢	-	-
						Stonemasons.....	4.550	4.650	20¢	15¢	-
						Structural- and ornamental-iron workers.....	3.925	4.025	10¢	-	-
						Sheeters.....	4.175	4.275	10¢	-	-
						Tile layers.....	3.725	3.800	20¢	-	-
						<u>Helpers and laborers</u>					
						Bricklayers' tenders.....	2.300	2.450	-	-	-
						Building laborers.....	2.050	2.100	-	-	-
						Motor buggies.....	2.200	2.250	-	-	-
						Composition roofers' helpers.....	2.050	2.100	-	-	-
						Elevator constructors' helpers.....	2.890	2.975	7½¢	10½¢	(*)
						Plasterers' laborers.....	2.300	2.450	-	-	-
						Plumbers' laborers.....	2.050	2.100	-	-	-

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965			Trade or occupation	July 1, 1964	July 1, 1965				
	Rate per hour	Rate per hour	Employer contribution to fund ¹			Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insurance ²	Pension				Vacation pay ³	Insurance ²	Pension	Vacation pay ³
MILWAUKEE, WIS.					MILWAUKEE, WIS.—Continued						
<u>Journeyman</u>					<u>Helpers and laborers—Continued</u>						
Asbestos workers.....	\$4.330	\$4.680	15¢	15¢	15¢						
Boilermakers.....	4.300	4.450	10¢	20¢	-						
Bricklayers.....	4.360	4.460	15¢	15¢	20¢						
Carpenters.....	4.110	4.260	15¢	15¢	15¢						
Piledrivers.....	4.140	4.290	15¢	15¢	15¢						
Cement finishers.....	3.940	3.990	15¢	15¢	15¢						
Machine work.....	4.050	4.100	15¢	15¢	15¢						
Mastic, marbelette and composition floors and roofs.....	4.050	4.100	15¢	15¢	15¢						
Electricians (inside wiremen).....	4.170	4.270	12¢	15¢+10¢	16¢						
Elevator constructors.....	4.130	4.250	7½¢	10½¢	(*)						
Engineers—Power equipment operators:											
Building construction:											
Heavy equipment:											
Cranes, derricks, shovels.....	4.305	4.505	15¢	15¢	-						
Medium equipment:											
Mixers.....	3.920	4.120	15¢	15¢	-						
Mixers when pavers are used, hi-lifts.....	4.140	4.340	15¢	15¢	-						
Tractors or bulldozers:											
Under 40 horsepower.....	3.920	4.120	15¢	15¢	-						
Over 40 horsepower.....	4.140	4.340	15¢	15¢	-						
Light equipment:											
Firemen (piledriver).....	3.810	4.010	15¢	15¢	-						
Pumps.....	3.645	3.845	15¢	15¢	-						
Air compressors.....	3.700	3.900	15¢	15¢	-						
Heavy construction:											
Heavy equipment:											
Cranes, derricks, shovels.....	4.305	4.505	15¢	15¢	-						
Medium equipment:											
Tractors or bulldozers:											
Under 40 horsepower.....	3.920	4.120	15¢	15¢	-						
Over 40 horsepower.....	4.140	4.340	15¢	15¢	-						
Mixers.....	3.920	4.120	15¢	15¢	-						
Mixers, when pavers are used.....	4.140	4.340	15¢	15¢	-						
Scrapers.....	4.140	4.340	15¢	15¢	-						
Light equipment:											
Air compressors.....	3.700	3.900	15¢	15¢	-						
Pumps and oilers.....	3.645	3.845	15¢	15¢	-						
Glaziers.....	3.920	4.020	20¢	20¢	23¢						
Lathers.....	4.120	4.270	15¢	15¢	12½¢						
Machinists.....	4.400	4.600	(8)	-	(25)						
Marble setters.....	4.220	4.370	15¢	15¢	15¢						
Mosaic and terrazzo workers.....	4.270	4.470	15¢	15¢	(25)						
Painters.....	3.860	4.010	15¢	15¢	15¢						
Swing stage to 80 feet.....	4.010	4.160	15¢	15¢	15¢						
80 feet or over.....	4.110	4.260	15¢	15¢	15¢						
Spray, structural steel.....	4.110	4.260	15¢	15¢	15¢						
Pipefitters.....	4.270	4.620	15¢	15¢	25¢						
Sprinkler fitters.....	4.420	4.620	11¢	10¢	-						
Plasterers.....	4.120	4.270	15¢	15¢	15¢						
Plumbers.....	4.270	4.620	15¢	15¢	25¢						
Rodmen.....	4.210	4.410	15¢	15¢	-						
Roofers, composition.....	3.920	4.070	15¢	15¢	15¢						
Roofers, slate and tile.....	4.070	4.220	15¢	15¢	15¢						
Sheet-metal workers.....	4.160	4.260	10¢	15¢	25¢						
Stonemasons.....	4.360	4.460	15¢	15¢	20¢						
Structural-iron workers.....	4.210	4.410	15¢	15¢	-						
Tile layers.....	4.110	4.260	15¢	15¢	15¢						
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>						
Bricklayers' tenders.....	3.330	3.480	15¢	15¢	15¢						
Hod carriers and mortar mixers.....	3.440	3.590	15¢	15¢	15¢						
Building laborers.....	3.330	3.480	15¢	15¢	15¢						
Composition roofers' helpers.....	2.950	3.050	15¢	15¢	15¢						
Elevator constructors' helpers.....	2.890	2.975	7½¢	10½¢	(*)						
Marble setters' helpers.....	3.290	3.440	15¢	15¢	15¢						
Plasterers' laborers.....	3.540	3.690	15¢	15¢	15¢						
					MINNEAPOLIS-ST. PAUL, MINN.						
					(Scales are the same for both cities unless otherwise indicated)						
					<u>Journeyman</u>						
					Asbestos workers.....	4.120	4.160	20¢	15¢	20¢	
					Boilermakers.....	4.300	4.450	10¢	20¢	-	
					Bricklayers.....	4.225	4.225	15¢	15¢	25¢	
					Carpenters.....	3.880	4.030	15¢	5½¢	15¢	
					Cement finishers.....	4.150	4.300	15¢	-	-	
					Composition floor.....	4.400	4.550	15¢	-	-	
					Electricians (inside wiremen):						
					Minneapolis.....	4.250	4.400	4%	3%	19 7½%	
					St. Paul.....	4.240	4.400	3.451%	3.064%	4.725%	
					Elevator constructors.....	4.365	4.365	7½¢	10½¢	(*)	
					Engineers—Power equipment operators:						
					Building construction:						
					Heavy equipment:						
					Cranes, shovels, derricks.....	4.400	4.550	-	-	-	
					Pumpcretes.....	4.280	4.430	-	-	-	
					Medium equipment:						
					Hoists (1 drum).....	4.200	4.350	-	-	-	
					Mixers, concrete over 16S.....	4.200	4.350	-	-	-	
					16S and under.....	3.930	4.080	-	-	-	
					Welders, mechanics.....	4.280	4.430	-	-	-	
					Light equipment:						
					Compressors.....	3.700	3.800	-	-	-	
					Firemen, tempo-rary heat.....	3.700	3.800	-	-	-	
					Oilers.....	3.450	3.600	-	-	-	
					Heavy construction:						
					Heavy equipment:						
					Derricks, dredges, shovels (up to 3 yards).....	4.300	4.500	-	-	-	
					Medium equipment:						
					Graders (finishing), motor patrols.....	4.180	4.380	-	-	-	
					Scrapers.....	4.150	4.350	-	-	-	
					Welders, mechanics.....	4.080	4.280	-	-	-	
					Light equipment:						
					Loaders, Barber Greene.....	3.780	3.980	-	-	-	
					Pumps, compressors.....	3.670	3.870	-	-	-	
					Glaziers.....	3.750	3.850	15¢	-	13¢	
					Lathers:						
					Minneapolis.....	3.900	4.100	15¢	-	30¢	
					St. Paul.....	3.700	3.870	15¢	-	30¢	
					Machinists.....	4.300	4.450	-	-	-	
					Marble setters.....	4.090	4.270	-	-	(28)	
					Mosaic and terrazzo workers.....	4.000	4.150	5 13¢	-	5 30¢	
					Painters:						
					Minneapolis.....	3.950	4.100	15¢	-	-	
					St. Paul.....	3.700	3.950	15¢	-	15¢	
					Structural steel; spray, swing:						
					Minneapolis.....	4.200	4.350	15¢	-	-	
					St. Paul.....	3.950	4.200	15¢	-	15¢	
					Paperhangers:						
					Minneapolis.....	3.950	4.100	15¢	-	-	
					St. Paul.....	3.700	3.950	15¢	-	15¢	

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965			Trade or occupation	July 1, 1964		July 1, 1965						
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹						
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³				
MINNEAPOLIS—ST. PAUL, MINN.—Continued					NEWARK, N.J.—Continued										
<u>Journeyman—Continued</u>					<u>Journeyman—Continued</u>										
Pipefitters:	\$	\$				Engineers—Power equipment operators—Continued									
Minneapolis	4.190	4.380	13¢	10¢	20¢	Heavy construction:									
St. Paul	4.100	4.290	13¢	10¢	-	Power equipment:									
Sprinkler fitters	4.415	4.710	11¢	10¢	-	Heavy shovels, cranes, draglines	6.200	21 6,200	10¢	20¢	-	-	-	-	
Plasterers:						Piledrivers	6.200	21 6,200	10¢	20¢	-	-	-	-	
Minneapolis	4.000	4.200	15¢	-	30¢	Backhoes, concrete pavers	6.200	21 6,200	10¢	20¢	-	-	-	-	
St. Paul	3.950	3.950	20¢	-	42¢	Medium equipment:									
Plumbers:						Caisson and shaft hoists	5.350	21 5,350	10¢	20¢	-	-	-	-	
Minneapolis	4.190	4.380	13¢	10¢	20¢	Excavating carryalls	5.550	21 5,550	10¢	20¢	-	-	-	-	
St. Paul	4.100	4.290	13¢	10¢	-	Light equipment:									
Rodmen	4.250	4.400	15¢	-	-	Small mixers, pumps	4.950	21 4,950	10¢	20¢	-	-	-	-	
Roofers, composition	4.030	4.130	-	-	15¢	Front end loaders and conveyors	4.950	21 4,950	10¢	20¢	-	-	-	-	
Roofers, slate and tile	4.030	4.130	-	-	15¢	Concrete pumps	4.950	21 4,950	10¢	20¢	-	-	-	-	
Sheet-metal workers	4.410	4.540	15¢	10¢	-	Glaziers	4.950	5.100	25¢	30¢	-	-	-	-	
Stonemasons	4.225	4.225	15¢	15¢	25¢	Lathers	5.050	10 5,250	20¢	32¢	-	-	-	-	
Structural-iron workers	4.250	4.400	15¢	-	-	Machinists	5.300	5.720	15¢	10¢	-	-	-	-	
Tile layers	3.980	4.150	12¢	-	5 16¢	Mosaic and terrazzo workers	10 5,450	10 5,800	3%	5%	-	-	-	-	
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>										
Bricklayers' tenders	3.550	3.700	-	-	-	Painters	10 4,500	10 4,650	27¢	23¢	-	-	-	-	
Mortar mixers	3.600	3.750	-	-	-	Structural steel	10 5,100	10 5,250	27¢	23¢	-	-	-	-	
Building laborers	3.450	3.600	-	-	-	Pipefitters	5.000	5.150	3%	4%	8%	-	-	-	
Composition roofers' helpers	3.680	3.780	-	-	15¢	Sprinkler fitters	5.150	5.400	7 1/2 ¢	10¢	-	-	-	-	
Elevator constructors' helpers:						Plasterers	10 5,350	10 5,450	20¢	15¢	-	-	-	-	
First 6 months	2.180	2.180	7 1/2 ¢	10 1/2 ¢	-	Plumbers	5.000	5.150	3%	3%	8%	-	-	-	
After 6 months	3.035	3.055	7 1/2 ¢	10 1/2 ¢	(*)	Rodmen	10 5,850	10 6,150	5%	7%	4%	-	-	-	
Marble setters' helpers	3.160	3.320	12¢	-	5 14¢	Roofers, composition	10 5,250	10 5,250	20¢	20¢	-	-	-	-	
Plasterers' laborers:						Roofers, slate and tile	10 5,050	10 5,200	15¢	15¢	-	-	-	-	
Minneapolis	29 3,570	29 3,720	15¢	-	20¢	Sheet-metal workers	10 5,150	10 5,350	3%	3%	3%	-	-	-	
St. Paul	3.320	3.320	21¢	-	46¢	Stonemasons	10 5,350	10 5,450	20¢	15¢	-	-	-	-	
Plumbers' laborers:						Structural-iron workers	5.850	6.150	5%	7%	4%	-	-	-	
Minneapolis:						Tile layers	4.775	5.340	4%	4%	19 2%	-	-	-	
First man	3.850	4.000	-	-	-	<u>Helpers and laborers</u>									
Second man	3.650	3.800	-	-	-	Bricklayers' tenders	10 4,200	10 4,000	13 20¢	13 20¢	-	-	-	-	
Terrazzo workers' helpers:						Building laborers	10 4,200	10 4,000	13 20¢	13 20¢	-	-	-	-	
First year	2.980	3.130	13¢	-	-	Composition roofers' helpers:									
1-2 years	3.390	3.540	13¢	-	5 8¢	First 3 months	10 3,700	10 3,700	20¢	20¢	22¢	-	-	-	
After 2 years	3.390	3.540	13¢	-	5 15¢	4-6 months	10 4,200	10 4,200	20¢	20¢	22¢	-	-	-	
Base-machine:						After 6 months	10 4,580	10 4,580	20¢	20¢	22¢	-	-	-	
First year	2.980	3.130	13¢	-	-	Elevator constructors' helpers:									
1-2 years	3.690	3.840	13¢	-	5 10¢	First 3 months	10 4,350	10 4,470	7 1/2 ¢	10 1/2 ¢	(*)	-	-	-	
After 2 years	3.690	3.840	13¢	-	5 17¢	4-6 months	10 4,200	10 4,000	13 20¢	13 20¢	-	-	-	-	
Tile layers' helpers	3.160	3.320	12¢	-	5 14¢	After 6 months	10 4,480	10 4,830	3%	5%	-	-	-	-	
NEWARK, N.J.					NEW HAVEN, CONN.										
<u>Journeyman</u>					<u>Journeyman</u>										
Asbestos workers	4.900	5.150	12¢	10¢	5%	Asbestos workers	4.550	4.600	15¢	15¢	-	-	-	-	
Home insulators	3.800	4.000	-	-	-	Bricklayers	4.500	4.600	10¢	15¢	-	-	-	-	
Boilermakers	10 3,400	10 5,550	4%	3%	20¢	Carpenters	4.200	4.300	10¢	15¢	-	-	-	-	
Bricklayers	10 3,350	10 5,450	20¢	15¢	-	Cement finishers	4.200	4.600	10¢	15¢	-	-	-	-	
Carpenters	10 5,470	10 5,620	6%	6%	-	Electricians (inside wiremen)	4.400	4.550	15¢	10%+20¢	-	-	-	-	
Wharf and bridge	10 5,400	10 5,800	5%	5%	-	Elevator constructors	4.540	4.660	7 1/2 ¢	10 1/2 ¢	(*)	-	-	-	
Cement finishers	10 5,350	10 5,450	20¢	15¢	-	Engineers—Power equipment operators:									
Electricians (inside wiremen)	5.000	5.250	4%	6%	19 10%	Building construction:									
Elevator constructors	10 5,800	10 5,960	7 1/2 ¢	10 1/2 ¢	(*)	Heavy equipment:									
Engineers—Power equipment operators:						Cranes, steel	4.600	4.850	15¢	10¢	-	-	-	-	
Building construction:						Shovels	4.500	4.750	15¢	10¢	-	-	-	-	
Heavy equipment:						Derricks	4.600	4.850	15¢	10¢	-	-	-	-	
Power shovels, cranes	6.200	21 6,200	10¢	20¢	-	Medium equipment:									
Power cranes (steel erection)	5.950	21 5,950	10¢	20¢	-	Pitman machine	4.000	4.250	15¢	10¢	-	-	-	-	
Trench machines, paving mixers	6.200	21 6,200	10¢	20¢	-	Compressors	3.980	4.230	15¢	10¢	-	-	-	-	
Medium equipment:						Bulldozers	4.050	4.300	15¢	10¢	-	-	-	-	
Hoists (single or double drum)	5.350	21 5,350	10¢	20¢	-	Light equipment:									
Central powerplants	6.200	21 6,200	10¢	20¢	-	Well-point system, welding machines	3.980	4.230	15¢	10¢	-	-	-	-	
Concrete tower hoists	5.350	21 5,350	10¢	20¢	-	Small concrete mixers, 5 bags and over	4.000	4.250	15¢	10¢	-	-	-	-	
Light equipment:						Heavy construction:									
Air compressors (single)	4.950	21 4,950	10¢	20¢	-	Heavy equipment:									
Pumps and small mixers	4.950	21 4,950	10¢	20¢	-	Shovels, piledrivers, draglines	4.500	4.750	15¢	10¢	-	-	-	-	
Concrete pumps	4.950	21 4,950	10¢	20¢	-	Medium equipment:									
						Pumpcretes, Euclid loaders, Joy drill	4.250	4.500	15¢	10¢	-	-	-	-	

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
NEW HAVEN, CONN.—Continued					NEW ORLEANS, LA.—Continued						
<u>Journeyman</u> —Continued					<u>Journeyman</u> —Continued						
Engineers—Power equipment operators—Continued						Roofers, composition	\$ 3.625	\$ 3.725	10¢	17 1/2¢	-
Heavy construction—Continued						Roofers, slate and tile	3.625	3.725	10¢	17 1/2¢	-
Light equipment:						Sheet-metal workers	3.740	3.865	10¢	14¢	7 1/2¢
Well-point system	\$ 3.980	\$ 4.230	15¢	10¢	-	Stonemasons	4.050	4.130	10¢	15¢	-
Power chippers	3.700	3.950	15¢	10¢	-	Structural-iron workers	3.950	4.100	10¢	10¢	-
Pumps	3.620	3.870	15¢	10¢	-	Tile layers	3.550	3.650	-	-	-
Lathers	4.600	4.600	10¢	10¢	-	<u>Helpers and laborers</u>					
Marble setters	4.500	4.600	10¢	15¢	-	Bricklayers' tenders	2.400	2.400	10¢	-	-
Mosaic and terrazzo workers	4.500	4.600	10¢	15¢	-	Mortar mixers	2.500	2.500	10¢	-	-
Painters	4.000	4.100	10¢	20¢	-	Building laborers	2.280	2.280	10¢	-	-
Structural steel, bridge	4.250	4.350	10¢	20¢	-	Composition roofers' helpers	2.305	2.355	10¢	17 1/2¢	-
Paperhangers	4.250	4.350	10¢	20¢	-	Elevator constructors' helpers	2.770	2.850	7 1/2¢	10 1/2¢	(*)
Pipefitters	4.400	4.550	15¢	20¢	-	Marble setters' helpers	2.200	2.250	-	-	-
Plasterers	4.500	4.600	10¢	15¢	-	Polishers	2.650	2.650	-	-	-
Plumbers	4.400	4.550	15¢	20¢	-	Plasterers' laborers	2.405	2.405	10¢	-	-
Rodmen	5.000	5.000	10¢	15¢	-	Mortar mixers (machine)	2.505	2.505	10¢	-	-
Roofers, composition	4.700	4.900	10¢	-	-	Terrazzo workers' helpers	2.200	2.250	-	-	-
Roofers, slate and tile	4.950	5.150	10¢	-	-	Base machine	2.650	2.650	-	-	-
Pre-cast slabs	5.200	5.400	10¢	-	-	Floor machine	2.350	2.400	-	-	-
Sheet-metal workers	5.300	5.600	10¢	16¢	20¢	Tile layers' helpers	2.200	2.250	-	-	-
Stonemasons	4.500	4.600	10¢	15¢	-	NEW YORK, N.Y.					
Structural-iron workers	5.000	5.000	10¢	15¢	-	<u>Journeyman</u>					
Tile layers	4.500	4.600	10¢	15¢	-	Asbestos workers	185.250	185.750	4%	50¢	-
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>						
Bricklayers' tenders	3.450	3.500	15¢	15¢	-	Boilermakers	185.900	185.900	5%	5%	5%
Building laborers	3.450	3.500	15¢	15¢	-	Bricklayers	185.500	185.700	5%	\$1.05	30¢
Elevator constructors' helpers	3.180	3.260	7 1/2¢	10 1/2¢	(*)	Carpenters	185.400	185.800	5%	5%	-
Marble setters' helpers	3.700	3.800	10¢	-	-	Wharf and bridge	5.400	5.800	5%	5%	-
Plasterers' laborers	3.450	3.500	15¢	15¢	-	Cement finishers	185.500	185.900	5%	5%	-
Terrazzo workers' helpers	3.700	3.800	10¢	-	-	Electricians (inside wiremen)	325.200	325.200	3%	3%	4%
Tile layers' helpers	3.700	3.800	10¢	-	-	Elevator constructors	185.800	185.960	7 1/2¢	10 1/2¢	(*)
NEW ORLEANS, LA.					NEW YORK, N.Y.						
<u>Journeyman</u>					<u>Journeyman</u>						
Asbestos workers	4.200	4.350	10¢	10¢	-	Engineers—Power equipment operators:					
Boilermakers	4.200	4.400	10¢	10¢	-	Building construction:					
Bricklayers	4.050	4.130	10¢	15¢	-	Heavy equipment:					
Carpenters	3.700	3.800	10¢	-	-	Steel erection					
Millwrights	3.985	4.085	10¢	-	-	(cranes, derricks)	6.050	6.450	4%	6%	-
Cement finishers	3.550	3.550	12 1/2¢	-	-	Concrete buckets (stone derricks)	185.900	186.300	4%	6%	-
Electricians (inside wiremen)	4.250	4.325	10¢	1%	5 15¢	Hoists	185.650	186.050	4%	6%	-
Elevator constructors	3.960	4.070	7 1/2¢	10 1/2¢	(*)	Scrapers, touna-pulls, motor patrol	5.150	5.550	4%	6%	-
Engineers—Power equipment operators:						Medium equipment:					
Building and heavy construction:						Welding machines, compressors	5.400	5.800	4%	6%	-
Heavy equipment:						Plaster (platform machines)	185.650	186.050	4%	6%	-
Bulldozers (D6 and larger), cranes, derricks, drag-lines, hoists (2 drums), mixers (over 16S), pile-drivers, scrapers, shovels, trench machines	3.825	4.000	10¢	-	-	Bulldozers, tractors, locomotives (10 tons and under), road finishing machines, mixers under 21E	5.025	5.425	4%	6%	-
Light equipment:						Heavy construction:					
Air compressors, bulldozers (smaller than D6), finishing machines, mixers (16S and smaller)	3.075	3.175	10¢	-	-	Heavy equipment:					
Glaziers	3.400	3.475	10¢	-	-	Shovels	5.900	6.300	4%	6%	-
Lathers	3.695	3.830	8¢	10¢	-	Piledrivers	5.775	6.175	4%	6%	-
Machinists	3.960	4.060	-	-	(31)	Cranes (digging bucket)	5.650	6.050	4%	6%	-
Marble setters	4.050	4.130	10¢	15¢	-	Scrapers, touna-pulls, motor patrol	5.150	5.550	4%	6%	-
Mosaic and terrazzo workers	3.550	3.650	-	-	-	Medium equipment:					
Painters	3.275	3.375	-	-	-	Cranes (structural steel)	6.050	6.450	4%	6%	-
Residential	3.225	3.325	-	-	-	Mixers (concrete) and powerhouses	5.525	5.925	4%	6%	-
Spray, structural steel, swing stage	3.525	3.625	-	-	-	Bulldozers, tractors, locomotives (10 tons and under), road finishing machines, mixers under 21E	5.025	5.425	4%	6%	-
Paperhangers	3.275	3.375	-	-	-	Light equipment:					
Pipefitters	4.175	4.335	10¢	10¢	-	Compressors (portable, 3 or more in battery), double-drum hoists, pumps (concrete)	5.400	5.800	4%	6%	-
Plasterers	3.695	3.840	10¢	10¢	-						
Plumbers	4.225	4.335	10¢	10¢	-						
Rodmen	3.720	3.875	10¢	10¢	-						

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965			Trade or occupation	July 1, 1964		July 1, 1965		
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
NEW YORK, N. Y.—Continued						NORFOLK, VA.—Continued					
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>					
Glaziers	\$ 185.050	\$ 185.400	6%	6%	20¢	Engineers—Power equipment operators—Continued					
Lathers:						Building construction—Continued					
Wood:						Pumps:					
Bronx, Manhattan, and Richmond	5.000	5.250	10%	10¢	-	2 inches and under	\$ 2.370	\$ 2.495	-	-	-
Brooklyn	185.200	185.300	7%	5%	40¢	Over 2 inches	2.700	2.825	-	-	-
Queens	185.500	185.600	11%	10¢	-	Rollers, earth	2.470	2.595	-	-	-
Metal	185.500	185.700	5%	5%	-	Trench machines	3.120	3.245	-	-	-
Machinists	185.450	185.850	5%	-	-	Glaziers	3.070	3.190	(8)	-	-
Marble setters	4.900	215.050	5½%	5½%	-	Lathers:					
Mosaic and terrazzo workers	185.450	185.800	4%	5%	-	Nail on	3.000	3.000	-	10¢	-
Painters	184.500	184.730	6%	4%	3%	Metal	3.800	3.875	-	10¢	-
Swing stage	185.150	185.410	6%	4%	3%	Marble setters	3.500	3.650	-	-	-
Decorators and grainers	185.000	185.000	6%	3%	3%	Mosaic and terrazzo workers	3.500	3.650	-	-	-
Structural steel	185.350	185.350	5%	5%	-	Painters	3.200	3.350	-	-	-
Pipefitters	185.090	185.340	6%	6%	6%	Structural steel	3.700	3.850	-	-	-
Plasterers:						Spray, swing stage (under 75 feet), hand rollers	3.450	3.600	-	-	-
Jamaica	335.550	335.550	65¢	-	-	Paperhangers	3.450	3.600	-	-	-
Bronx, Manhattan, and Richmond	335.550	335.550	55¢	75¢	-	Pipefitters	3.450	3.600	-	-	-
Queens	335.550	335.550	35¢	10¢	20¢	Plasterers	3.850	3.950	-	-	-
Flushing	335.550	335.550	48¢	42¢	20¢	Plumbers	3.950	4.050	-	-	-
Brooklyn	335.550	335.550	35¢	-	40¢	Rodmen	3.850	3.950	-	-	-
Plumbers	184.950	184.950	6%	7½%	8%	Rodmen	3.575	3.700	-	-	-
Richmond	185.150	185.150	4%	3%	5½%	Roofers, composition	2.050	2.050	-	-	-
Brooklyn and Queens	185.100	185.250	4%	4½%	5%	Roofers, slate and tile	2.800	2.800	-	-	-
Rodmen	185.500	185.700	5%	5%	-	Sheet-metal workers	3.700	3.750	-	-	-
Roofers, composition	184.900	185.250	5%	20¢	-	Stonemasons	4.050	4.050	-	10¢	-
Roofers, slate and tile	5.320	185.720	8%	-	5%	Structural- and ornamental-iron workers	3.825	3.950	-	-	-
Brooklyn, Queens, and Long Island	185.470	185.720	8%	-	5%	Tile layers	3.500	3.650	-	-	-
Sheet-metal workers	185.250	185.250	3%	3%	3%						
Stonemasons	185.560	185.660	7%	34¢	-	<u>Helpers and laborers</u>					
New York and Long Island (stone setters)	185.660	185.860	5%+10¢	4%+15¢	25¢	Bricklayers' tenders	1.900	2.000	-	-	-
Structural-iron workers	5.800	6.200	5%	5%	6%	Hod carriers and mortar mixers	2.050	2.150	-	-	-
Finishers	185.100	185.300	6%	6%	5%	Building laborers	1.800	1.900	-	-	-
Tile layers	4.775	5.340	4%	4%	-	Air tool operators	1.900	2.000	-	-	-
<u>Helpers and laborers</u>						Composition roofers' helpers	1.550	1.550	-	-	-
Bricklayers' tenders	184.650	185.050	5%	5%	-	Elevator constructors' helpers	2.660	2.770	7½¢	10½¢	(4)
Building laborers	184.650	185.050	5%	5%	-	Plumbers' laborers	2.050	2.150	-	-	-
Excavating laborers	4.300	4.700	5%	5%	-	OAKLAND, CALIF.					
Elevator constructors' helpers	184.350	184.470	7½¢	10½¢	(4)	(Scales listed under San Francisco-Oakland, Calif.)					
Marble setters' helpers	4.485	4.635	5½%	5½%	-	OKLAHOMA CITY, OKLA.					
Plasterers' laborers	335.000	335.000	45¢	15¢	-	<u>Journeyman</u>					
Brooklyn	335.050	335.050	25¢	50¢	40¢	Asbestos workers	4.300	4.300	10¢	10¢	-
Queens	335.450	335.450	35¢	-	50¢	Bricklayers	4.250	4.375	-	15¢	-
Plumbers' laborers	4.300	4.700	5%	5%	-	Carpenters	3.700	3.850	-	-	-
Brooklyn	4.300	4.700	10%	-	-	Millwrights, piledrivers	3.875	4.025	-	-	-
Terrazzo workers' helpers	84.480	184.830	3%	5%	-	Cement finishers	3.800	3.900	-	-	-
Tile layers' helpers	4.100	4.550	6%	4%	-	Electricians (inside wiremen)	4.250	4.400	-	1%	-
NORFOLK, VA.						Elevator constructors	4.100	4.230	7½¢	10½¢	(4)
<u>Journeyman</u>						Engineers—Power equipment operators:					
Asbestos workers	3.745	3.960	10¢	10¢	-	Air compressors:					
Boilermakers	4.300	4.450	10¢	10¢	-	500 cubic feet or under (1 or 2)	3.100	3.250	-	-	-
Bricklayers	4.050	4.050	-	10¢	-	Over 500 cubic feet	3.600	3.750	-	-	-
Carpenters	3.250	3.350	-	-	-	Bulldozers	3.850	4.000	-	-	-
Millwrights	3.950	4.050	-	-	-	Derricks, draglines	4.000	4.150	-	-	-
Piledrivers	3.150	3.250	-	-	-	Hoists:					
Cement finishers	3.050	3.100	-	-	-	1 drum	3.600	3.750	-	-	-
Machinemen	3.150	3.200	-	-	-	2 drums or more	3.850	4.000	-	-	-
Electricians (inside wiremen)	4.000	4.150	-	1%	-	Mixers, rollers	3.600	3.750	-	-	-
Elevator constructors	3.800	3.955	7½¢	10½¢	(4)	Piledrivers	4.000	4.150	-	-	-
Engineers—Power equipment operators:						Pumps (4 inches or larger)	3.100	3.250	-	-	-
Building construction:						Scrapers	3.850	4.000	-	-	-
Air compressors, larger than 125 cubic feet	2.700	2.825	-	-	-	Shovels	4.000	4.150	-	-	-
Bulldozers	3.120	3.245	-	-	-	Trench machines	3.850	4.000	-	-	-
Cranes, derricks, piledrivers	3.775	3.900	-	-	-	Glaziers	3.400	3.560	-	-	-
Hoists:						Lathers	4.125	4.375	-	-	-
1 drum	2.700	2.825	-	-	-	Marble setters	3.900	4.050	-	-	-
2 drums or more	3.775	3.900	-	-	-	Mosaic and terrazzo workers	3.850	4.000	-	-	-
Motor graders	3.320	3.445	-	-	-						
Mixers:											
16S or smaller	2.460	2.585	-	-	-						
Larger than 16S	3.120	3.245	-	-	-						

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965			Trade or occupation	July 1, 1964		July 1, 1965		
	Rate per hour	Rate per hour	Employer contribution to fund ¹	Insurance ²			Rate per hour	Rate per hour	Employer contribution to fund ¹	Insurance ²	
				Pension	Vacation pay ³					Pension	Vacation pay ³
OKLAHOMA CITY, OKLA.—Continued					OMAHA, NEBR.—Continued						
Journeyman—Continued					Helpers and laborers						
Painters	\$ 3.625	\$ 3.750	-	-	-	Bricklayers' tenders	\$ 2.875	\$ 2.975	12½¢	-	-
Up to 30 feet:						Hod carriers	3.150	3.250	12½¢	-	-
Spray	3.875	4.000	-	-	-	Mortar mixers	3.000	3.100	12½¢	-	-
Above 30 feet:						Building laborers	2.875	2.975	12½¢	-	-
Steel	4.125	4.250	-	-	-	Elevator constructors'					
Spray	4.375	4.500	-	-	-	helpers	2.920	2.990	7½¢	10½¢	(*)
Swing stage	4.125	4.250	-	-	-	Marble setters' helpers	2.950	3.050	-	-	-
Paperhangers	4.125	4.250	-	-	-	Plasterers' laborers	3.150	3.250	12½¢	-	-
Pipefitters	4.270	4.500	-	-	-	Terrazzo workers' helpers	2.950	3.050	-	-	-
Plasterers	4.125	4.375	-	-	-	Base machine	3.100	3.200	-	-	-
Plumbers	4.270	4.500	-	-	-	Tile layers' helpers	2.950	3.050	-	-	-
Rodmen	4.000	4.000	10¢	-	-						
Roofers, composition	3.550	3.650	-	-	-	PEORIA, ILL.					
Roofers, slate and tile	3.550	3.650	-	-	-	Journeyman					
Sheet-metal workers	3.950	4.100	5¢	-	15¢	Asbestos workers	4.850	5.000	20¢	10¢	-
Stonemasons	4.250	4.375	-	-	-	Boilermakers	4.650	4.800	10¢	10¢	-
Structural-iron workers	4.000	4.000	10¢	-	-	Bricklayers	4.675	4.675	12½¢	12½¢	-
Tile layers	4.000	4.200	-	-	-	Carpenters	4.410	4.410	12½¢	-	-
Helpers and laborers						Cement finishers	4.320	4.445	15¢	-	-
Bricklayers' tenders	2.800	2.850	-	-	-	Electricians (inside					
Building laborers	2.650	2.700	-	-	-	wiresmen)	4.625	4.750	-	1%	-
Elevator constructors'						Elevator constructors	4.590	4.590	7½¢	10½¢	(*)
helpers	2.870	2.960	7½¢	10½¢	(*)	Engineers—Power equipment					
Plasterers' laborers	2.800	2.850	-	-	-	operators:					
Plumbers' laborers	2.650	2.700	-	-	-	Building construction:					
						Heavy equipment:					
						Cranes, derricks,					
						bulldozers	4.400	4.400	10¢	12½¢	-
						Medium equipment:					
						Air compress-					
						sors (2)	3.850	3.850	10¢	12½¢	-
						Mixers (27E and					
						larger)	4.400	4.400	10¢	12½¢	-
						Light equipment:					
						Pumps, mixers					
						(3 bags and under)	3.630	3.630	10¢	12½¢	-
						Heavy construction:					
						Heavy equipment:					
						Cranes, scoops,					
						bulldozers	4.375	4.375	10¢	12½¢	-
						Medium equipment:					
						Motor patrols,					
						paving mixers,					
						piledrivers	4.375	4.375	10¢	12½¢	-
						Light equipment:					
						Air compressors,					
						pumps, mixers					
						(3 bags and under)	3.605	3.605	10¢	12½¢	-
						Glaziers	4.225	4.350	-	-	-
						Swing stage	4.475	4.600	-	-	-
						Lathers	4.400	4.525	15¢	10¢	-
						Machinists	4.420	4.545	(8)	10¢	(36)
						Marble setters	4.625	4.625	12½¢	12½¢	-
						Mosaic and terrazzo					
						workers	4.525	4.525	12½¢	12½¢	-
						Painters	4.075	4.200	-	-	-
						Spray, structural steel					
						Paperhangers	4.075	4.200	-	-	-
						Pipefitters	4.470	4.520	17¢	7½¢	-
						Plasterers	4.600	4.725	15¢	-	-
						Plumbers	4.470	4.520	17¢	7½¢	-
						Rodmen	4.550	4.675	12½¢	-	-
						Roofers, composition	4.285	4.410	-	-	-
						Roofers, slate and tile	4.285	4.410	-	-	-
						Sheet-metal workers	4.425	4.425	12½¢	12½¢	-
						Stonemasons	4.675	4.675	12½¢	12½¢	-
						Structural-iron workers	4.550	4.675	12½¢	-	-
						Tile layers	4.625	4.625	12½¢	12½¢	-
						Helpers and laborers					
						Bricklayers' tenders	3.725	3.850	-	-	-
						Building laborers	3.725	3.850	-	-	-
						Elevator constructors'					
						helpers	3.210	3.210	7½¢	10½¢	(*)
						Marble setters' helpers	3.680	3.810	-	-	-
						Plasterers' laborers	3.850	3.975	-	-	-
						Terrazzo workers' helpers	3.755	3.885	-	-	-
						Base machine	3.855	3.985	-	-	-
						Tile layers' helpers	3.680	3.810	-	-	-

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965			Trade or occupation	July 1, 1964	July 1, 1965				
	Rate per hour	Rate per hour	Employer contribution to fund ¹			Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insurance ²	Pension				Vacation pay ³	Insurance ²	Pension	Vacation pay ³
PHILADELPHIA, PA.					PHOENIX, ARIZ.						
<u>Journeyman</u>					<u>Journeyman</u>						
Asbestos workers	\$4.600	\$4.800	15¢	15¢	-	Asbestos workers	\$4.405	\$4.575	21¢	20¢	25¢
Boilermakers	5.250	5.450	10¢	10¢	-	Boilermakers	5.000	5.250	10¢	10¢	15¢
Bricklayers	4.900	5.200	17¢	15¢	-	Bricklayers	4.625	4.625	16¢	20¢	-
Residential	4.550	4.700	22¢	15¢	15¢	Carpenters	4.385	4.385	12½¢	-	-
Carpenters	4.350	4.450	28¢	15¢	-	Millwrights, parquetry					
Millwrights	4.600	4.700	28¢	15¢	-	floor layers;					
Wharf and dock						piledrivers	4.635	4.635	12½¢	-	-
builders	4.450	4.600	28¢	15¢	-	Cement finishers	4.260	4.260	12½¢	-	-
Cement finishers	4.350	4.350	25¢	17¢	10¢	Composition and mastic	4.405	4.405	12½¢	-	-
Residential	4.225	4.350	25¢	17¢	10¢	Electricians (inside					
Electricians (inside						wiremen)	4.950	4.950	20¢	1%	-
wiremen)	5.025	5.250	15¢	1%	-	Elevator constructors	4.930	5.115	7½¢	10½¢	(*)
Elevator constructors	4.730	4.910	7½¢	10½¢	(*)	Engineers—Power equipment					
Engineers—Power equipment						operators:					
operators:						Building construction:					
Building construction:						Heavy equipment:					
Heavy equipment:						Universal equipment					
Cranes (handling						(shovels, backhoes,					
steel or stone)	5.140	5.400	15¢	15¢	-	draglines, clam-					
Power shovels, der-						shells, derricks,					
ricks, cableways	5.000	5.260	15¢	15¢	-	hoists)	4.630	4.810	12½¢	10¢	-
Medium equipment:						Tractors (bull-					
Tournapulls,						dozers, tampers,					
carryalls	4.530	4.770	15¢	15¢	-	scrapers)	4.345	4.505	12½¢	10¢	-
Bulldozers, tractors						Medium equipment:					
(D7 and over)	4.530	4.770	15¢	15¢	-	Motor cranes	3.870	4.000	12½¢	10¢	-
Light equipment:						Light equipment:					
Welding machines	4.160	4.380	15¢	15¢	-	Air compressors	3.500	3.610	12½¢	10¢	-
Compressors,						Pumps and oilers	3.500	3.610	12½¢	10¢	-
pumps	4.160	4.380	15¢	15¢	-	Concrete mixers					
Heavy construction:						(skip type)	3.870	4.000	12½¢	10¢	-
Heavy equipment:						Heavy construction:					
Cranes (all types),						Heavy equipment:					
power shovels,						Universal equipment					
cableways	5.200	5.410	15¢	15¢	-	(shovels, backhoes,					
Medium equipment:						draglines, clam-					
Tournapulls,						shells, derricks,					
carryalls	4.730	4.920	15¢	15¢	-	hoists)	4.630	4.810	12½¢	10¢	-
Bulldozers, tractors						Tractors:					
(under D7)	4.480	4.660	15¢	15¢	-	Tandem scrapers	4.630	4.810	12½¢	10¢	-
Light equipment:						Bulldozers, tam-					
Welding machines	4.360	4.530	15¢	15¢	-	pers, scrapers	4.345	4.505	12½¢	10¢	-
Compressors,						Medium equipment:					
pumps	4.360	4.530	15¢	15¢	-	Mucking machines	4.630	4.810	12½¢	10¢	-
Glaziers	4.250	4.400	15¢	15¢	-	Light equipment:					
30 feet or more above						Air compressors	3.500	3.610	12½¢	10¢	-
ground	4.475	4.625	(*)	15¢	-	Pumps and oilers	3.500	3.610	12½¢	10¢	-
Lathers	4.360	4.560	22½¢	10¢	-	Concrete mixers					
Machinists	4.800	4.950	-	-	-	(skip type)	3.870	4.000	12½¢	10¢	-
Marble setters	4.575	4.680	15¢	-	-	Dinky (under					
Mosaic and terrazzo						20 tons)	3.870	4.000	12½¢	10¢	-
workers	4.750	4.900	-	-	-	Glaziers	3.940	3.940	-	-	(37)
Painters	3.850	3.975	17½¢	10¢	-	Lathers	4.385	4.650	12½¢	-	-
Steel, swing stage	4.000	4.125	17½¢	10¢	-	Machinists	4.635	4.635	12½¢	-	-
Spray	3.950	4.075	17½¢	10¢	-	Marble setters	4.270	4.270	20¢	10¢	-
Paperhangers	3.850	3.955	20¢	-	-	Mosaic and terrazzo					
Residential	3.475	3.550	20¢	-	-	workers	4.590	4.740	-	-	-
Pipefitters	4.820	5.070	16½¢	18¢	-	Painters	3.950	4.050	12½¢	-	-
Sprinkler fitters	4.955	5.205	11¢	10¢	-	Spray	4.345	4.445	12½¢	-	-
Plasterers	4.535	4.735	20¢	-	-	Swing stage, brush	4.075	4.175	12½¢	-	-
Plumbers	4.800	5.050	16½¢	20¢	-	Spray	4.470	4.570	12½¢	-	-
Rodmen	5.050	5.150	18½¢	11½¢	-	Steel and bridge:					
Roofers, composition	4.700	4.900	17½¢	10¢	-	Brush	4.200	4.300	12½¢	-	-
Roofers, slate and tile	4.705	4.705	22½¢	-	-	Spray	4.595	4.695	12½¢	-	-
Sheet-metal workers	4.870	5.110	17½¢	12½¢	-	Paperhangers	4.270	4.370	12½¢	-	-
Stonemasons:						Pipefitters	4.700	4.700	17½¢	21½¢	22¢
Rubble	4.150	4.300	15¢	10¢	-	Plasterers	4.500	4.650	12½¢	-	-
Setters	4.900	5.200	15¢	10¢	-	Plumbers	4.700	4.700	17½¢	21½¢	22¢
Structural-iron workers	4.950	4.950	23½¢	21½¢	15¢	Rodmen	4.600	4.720	23¢	15¢	-
Tile layers	4.425	4.500	22½¢	-	-	Roofers, composition	4.100	4.200	-	-	-
						Roofers, slate and tile	4.100	4.200	-	-	-
						Sheet-metal workers	4.800	4.800	14¢	15¢	-
						Stonemasons	4.625	4.625	16¢	20¢	-
						Structural-iron workers	4.800	4.920	23¢	15¢	-
						Tile layers	4.270	4.270	20¢	10¢	-
						<u>Helpers and laborers</u>					
<u>Helpers and laborers</u>						Bricklayers' tenders	3.760	3.760	12½¢	-	-
Bricklayers' tenders	3.000	3.150	10¢	10¢	-	Building laborers	3.295	3.295	12½¢	-	-
Residential	2.475	2.825	-	-	-	Elevator constructors'					
Building laborers	3.000	3.150	10¢	10¢	-	helpers	3.450	3.580	7½¢	10½¢	(*)
Residential	2.475	2.825	-	-	-	Marble setters' helpers	3.270	3.370	20¢	-	-
Composition roofers'						Plasterers' laborers	4.025	4.025	12½¢	-	-
helpers	3.150	3.300	17½¢	10¢	-	Plumbers' laborers	3.295	3.295	12½¢	-	-
Elevator constructors'						Terrazzo workers' helpers	3.500	3.650	-	-	-
helpers	3.310	3.440	7½¢	10½¢	(*)	Base machine	3.800	3.950	-	-	-
Marble setters' helpers	3.625	3.775	15¢	-	-	Tile layers' helpers	3.270	3.370	20¢	-	-
Plasterers' laborers	3.360	3.560	12½¢	10¢	-						
Residential	3.225	3.560	12½¢	10¢	-						
Terrazzo workers' helpers	3.860	4.010	-	-	-						
Tile layers' helpers	3.525	3.675	15¢	-	-						

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965				Trade or occupation	July 1, 1964		July 1, 1965				
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹				
			Insurance ²	Pension	Vacation pay ³					Insurance ²	Pension	Vacation pay ³		
PITTSBURGH, PA.					PORTLAND, OREG.—Continued									
<u>Journeyman</u>					<u>Journeyman—Continued</u>									
Asbestos workers.....	\$4.550	\$4.650	15¢	20¢	19 35¢		Elevator constructors.....	\$4.450	\$4.580	7 1/2¢	10 1/2¢	(*)		
Boilermakers.....	4.900	4.950	17 1/2¢	25¢	-		Engineers—Power equipment operators:							
Bricklayers.....	5.150	5.350	15¢	10¢	-		Building and heavy construction:							
Carpenters.....	4.775	4.950	17 1/2¢	15¢	-		Heavy equipment:							
Residential.....	4.270	4.420	17 1/2¢	15¢	-		Power shovels, draglines, cranes:							
Cement finishers.....	4.800	5.000	16¢	20¢	-		Under 1 cubic yard.....	4.670	4.920	20¢	20¢	-		
Electricians (inside wiremen).....	5.100	5.100	20¢	1%+15¢	17 35¢		1 cubic yard and under.....							
Elevator constructors.....	4.860	5.050	7 1/2¢	10 1/2¢	(*)		3 cubic yards.....	4.780	5.030	20¢	20¢	-		
Engineers—Power equipment operators:							3 cubic yards and over.....	5.180	5.430	20¢	20¢	-		
Building construction:							Tractors:							
Heavy equipment:							Under 50 horse-power.....	4.360	4.610	20¢	20¢	-		
Shovels, cranes.....	5.100	5.250	15¢	-	-		Over 50 horse-power.....	4.600	4.850	20¢	20¢	-		
Carryall scoops.....	4.950	5.100	15¢	-	-		Medium equipment:							
Medium equipment:							Blades, power:							
Bulldozers, compactors, hoists.....	4.950	5.100	15¢	-	-		Under 50 horse-power.....	4.480	4.730	20¢	20¢	-		
Light equipment:							Over 50 horse-power.....	4.700	4.950	20¢	20¢	-		
Pumps, rollers, welders.....	4.675	4.825	15¢	-	-		Piledrivers.....	4.700	4.950	20¢	20¢	-		
Heavy construction:							Light equipment:							
Heavy equipment:							Compressors, pumps, rollers.....	4.370	4.530	-	-	-		
Shovels, cranes, ditchers.....	4.880	5.060	-	-	-		Glaziers.....	4.150	4.320	12¢	20¢	-		
Medium equipment:							Lathers.....	4.880	5.080	12 1/2¢	10¢	-		
Bulldozers, graders, carryall scoops.....	4.670	4.840	-	-	-		Machinists.....	4.050	4.400	-	-	-		
Light equipment:							Marble setters.....	4.375	4.670	15¢	10¢	-		
Compressors, pumps, rollers.....	4.370	4.530	-	-	-		Mosaic and terrazzo workers.....	4.850	5.050	15¢	20¢	-		
Painters.....	4.200	4.300	17 1/2¢	-	-		Spray.....	4.450	4.550	17 1/2¢	-	-		
Structural steel.....	4.450	4.550	17 1/2¢	-	-		Paperhangers.....	4.250	4.350	17 1/2¢	-	-		
Paperhangers.....	4.250	4.350	17 1/2¢	-	-		Pipefitters.....	4.965	5.065	25¢	10¢	-		
Pipefitters.....	4.965	5.065	25¢	10¢	-		Sprinkler fitters.....	5.000	5.200	11¢	10¢	-		
Sprinkler fitters.....	5.000	5.200	11¢	10¢	-		Plasterers.....	4.880	5.055	15¢	10¢	-		
Plasterers.....	4.880	5.055	15¢	10¢	-		Plumbers.....	4.735	4.885	15¢	15¢	-		
Plumbers.....	4.735	4.885	15¢	15¢	-		Rodmen.....	4.700	4.900	20¢	17 1/2¢	-		
Rodmen.....	4.700	4.900	20¢	17 1/2¢	-		Roofers, composition.....	4.350	4.650	15¢	10¢	-		
Roofers, composition.....	4.350	4.650	15¢	10¢	-		Roofers, slate and tile.....	4.350	4.650	15¢	10¢	-		
Roofers, slate and tile.....	4.350	4.650	15¢	10¢	-		Sheet-metal workers.....	4.880	5.080	12 1/2¢	20¢	6%		
Sheet-metal workers.....	4.880	5.080	12 1/2¢	20¢	6%		Stonemasons.....	5.150	5.350	15¢	10¢	-		
Stonemasons.....	5.150	5.350	15¢	10¢	-		Structural- and ornamental-iron workers.....	4.875	5.075	20¢	17 1/2¢	-		
Structural- and ornamental-iron workers.....	4.875	5.075	20¢	17 1/2¢	-		Tile layers.....	4.600	4.695	15¢	-	-		
Tile layers.....	4.600	4.695	15¢	-	-									
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>									
Bricklayers' tenders.....	3.600	3.750	10¢	10¢	-		Paperhangers.....	3.975	4.100	15¢	10¢	-		
Building laborers.....	3.350	3.500	10¢	10¢	-		Taper.....	4.000	4.100	15¢	-	-		
Elevator constructors' helpers.....	3.400	3.540	7 1/2¢	10 1/2¢	(*)		Pipefitters.....	3.975	4.100	15¢	10¢	-		
Marble setters' helpers.....	3.800	4.050	-	-	-		Pipefitters.....	4.390	4.490	17¢	15¢	5 14¢		
Plasterers' laborers.....	3.600	3.750	10¢	10¢	-		Oil fitters.....	3.840	3.940	17¢	15¢	5 14¢		
Plumbers' laborers.....	3.350	3.500	10¢	10¢	-		Plasterers.....	4.150	4.400	15¢	10¢	-		
Terrazzo workers' helpers.....	3.780	4.005	15¢	10¢	-		Plumbers.....	4.390	4.490	17¢	15¢	5 14¢		
Tile layers' helpers.....	3.640	3.735	15¢	-	-		Rodmen.....	4.320	4.320	10¢	10¢	-		
							Roofers, composition.....	3.960	4.110	20¢	15¢	-		
							Roofers, slate and tile.....	3.960	4.110	20¢	15¢	-		
							Sheet-metal workers.....	4.300	4.500	13¢	12¢	20 4%		
							Stonemasons.....	4.370	4.550	17¢	17¢	-		
							Structural- and ornamental-iron workers.....	4.520	4.520	10¢	10¢	-		
							Tile layers.....	4.150	4.300	15¢	15¢	-		
PORTLAND, OREG.					PORTLAND, OREG.—Continued									
<u>Journeyman</u>					<u>Helpers and laborers</u>									
Asbestos workers.....	4.580	4.730	20¢	20¢	-		Bricklayers' tenders.....	3.600	3.850	20¢	15¢	-		
Boilermakers.....	4.750	4.750	10¢	10¢	15¢		Building laborers.....	3.250	3.600	20¢	15¢	-		
Bricklayers.....	4.370	4.550	17¢	17¢	-		Composition roofers' helpers.....	2.550	2.850	20¢	15¢	-		
Carpenters.....	4.030	4.330	15¢	15¢	-		Elevator constructors' helpers:							
Millwrights.....	4.280	4.580	15¢	15¢	-		First 6 months.....	(38)	2.290	7 1/2¢	10 1/2¢	-		
Floor layers.....	4.155	4.455	15¢	15¢	-		After 6 months.....	3.115	3.210	7 1/2¢	10 1/2¢	(*)		
Piledrivers, bridge, dock, and wharf builders.....	4.130	4.430	15¢	15¢	-		Marble setters' helpers.....	3.600	3.850	20¢	15¢	-		
Cement finishers.....	3.925	4.220	20¢	10¢	-		Plasterers' laborers.....	3.600	3.850	20¢	15¢	-		
Composition and mastic.....	4.045	4.345	20¢	10¢	-		Plumbers' laborers.....	3.450	3.700	20¢	15¢	-		
Electricians (inside wiremen).....	4.650	4.750	15¢	1%	-		Terrazzo workers' helpers.....	3.600	3.850	20¢	15¢	-		
							Tile layers' helpers.....	3.600	3.850	20¢	15¢	-		

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
PROVIDENCE, R.I.						RICHMOND, VA.—Continued					
<u>Journeyman</u>						<u>Journeyman—Continued</u>					
Asbestos workers	\$4.550	\$4.700	19¢	20¢	-	Engineers—Power equipment operators:					
Boilermakers	4.600	4.750	10¢	20¢	-	Air compressors:					
Bricklayers	4.450	4.600	15¢	20¢	-	Under 4	\$2.700	\$2.825	-	-	-
Carpenters	3.875	3.950	12½¢	15¢	-	4 or more	3.775	3.900	-	-	-
Residential	3.150	3.150	12½¢	7½¢	-	Bulldozers	3.120	3.245	-	-	-
Cement finishers	4.050	4.250	10¢	-	-	Cranes, derricks, piledrivers, shovels	3.775	3.900	-	-	-
Electricians (inside wiremen)	4.200	4.300	10¢	1%	-	Graders	3.320	3.445	-	-	-
Elevator constructors	4.330	4.470	7½¢	10½¢	(*)	Hoists:					
Engineers—Power equipment operators:						1 drum	2.700	2.825	-	-	-
Building construction:						2 drums or more	3.775	3.900	-	-	-
Heavy equipment:						Mixers:					
Cranes, shovels, draglines, backhoes	5.000	5.400	20¢	20¢	-	16S or smaller	2.460	2.585	-	-	-
Medium equipment:						Larger than 16S	3.120	3.245	-	-	-
Hoists, piledrivers, derricks	5.000	5.400	20¢	20¢	-	Pumps:					
Light equipment:						2-inch discharge	2.370	2.495	-	-	-
Pumps, air compressors, gas and electric heaters	4.375	4.775	20¢	20¢	-	Over 2-inch discharge	2.700	2.825	-	-	-
Heavy construction:						Tractors (without attachments)	2.700	2.825	-	-	-
Heavy equipment:						Trench machines	3.120	3.245	-	-	-
Shovels, cranes, draglines, pavers	5.700	6.100	20¢	20¢	-	Glaziers	2.750	2.750	-	-	-
Medium equipment:						Lathers	3.680	3.750	-	-	-
Piledrivers, lighters, derricks	5.700	6.100	20¢	20¢	-	Machinists	4.500	4.500	-	-	-
Light equipment:						Marble setters	3.750	3.850	-	-	-
Mixers, pumps, air compressors, stone crushers	4.850	5.250	20¢	20¢	-	Mosaic and terrazzo workers	3.750	3.850	-	-	-
Glaziers	3.950	3.970	15¢	-	-	Painters	2.750	2.750	-	-	-
Lathers	4.400	4.650	-	-	-	Spray	3.200	3.200	-	-	-
Marble setters	4.350	4.500	-	-	-	Structural steel	3.000	3.000	-	-	-
Mosaic and terrazzo workers	4.350	4.500	-	-	-	Paperhangers	2.750	2.750	-	-	-
Painters	3.500	3.600	10¢	15¢	-	Pipefitters	3.850	4.000	-	-	-
Structural steel	3.750	3.850	10¢	15¢	-	Plasterers	3.725	3.850	-	-	-
Spray	4.500	4.600	10¢	15¢	-	Plumbers	3.850	4.000	-	-	-
Paperhangers	3.500	3.600	10¢	15¢	-	Rodmen	3.750	3.950	-	-	-
Pipefitters	4.550	4.800	15¢	15¢	-	Sheet-metal workers	3.800	3.900	-	-	-
Refrigeration and air conditioning fitters	4.550	4.800	15¢	-	-	Stonemasons	4.000	4.000	-	15¢	-
Sprinkler fitters	4.215	4.365	11¢	10¢	(39)	Structural-iron workers	3.925	4.050	-	-	-
Plasterers	4.375	4.525	15¢	-	-	Tile layers	3.750	3.850	-	-	-
Plumbers	4.450	4.800	15¢	-	-	Helpers and laborers					
Rodmen	4.630	4.850	17¢	-	-	Bricklayers' tenders	1.900	2.000	-	-	-
Roofers, composition	3.800	4.100	15¢	-	-	Mortar mixers and hod carriers	2.050	2.150	-	-	-
Roofers, slate and tile	4.000	4.300	15¢	-	-	Building laborers	1.800	1.900	-	-	-
Sheet-metal workers	4.150	4.350	10¢	15¢	-	Elevator constructors' helpers	2.635	2.740	7½¢	10½¢	(*)
Stonemasons	4.450	4.600	15¢	20¢	-	Plasterers' laborers	1.900	2.000	-	-	-
Structural-iron workers	4.630	4.850	17¢	17¢	-	ROCHESTER, N.Y.					
Tile layers	4.350	4.500	-	-	-	<u>Journeyman</u>					
Helpers and laborers						Asbestos workers	4.440	4.470	17¢	15¢	-
Bricklayers' tenders	3.050	3.200	10¢	10¢	-	Bricklayers	4.935	5.135	-	15¢	-
Building laborers	3.050	3.200	10¢	10¢	-	Carpenters	4.530	4.710	-	-	-
Composition roofers' helpers:						Floor layers, parquetry	3.745	3.930	-	-	-
Class A	2.950	3.250	15¢	-	-	Millwrights	4.830	5.010	-	-	-
Class B	2.400	2.700	15¢	-	-	Cement finishers	4.735	4.935	-	15¢	-
Elevator constructors' helpers	3.031	3.130	7½¢	10½¢	(*)	Electricians (inside wiremen)	4.630	5.100	15¢	1%	-
Marble setters' helpers	3.430	3.630	-	-	-	Elevator constructors	4.730	4.980	7½¢	10½¢	(*)
Plasterers' laborers	3.350	3.500	10¢	10¢	-	Engineers—Power equipment operators:					
Terrazzo workers' helpers	3.430	3.630	-	-	-	Building construction:					
Tile layers' helpers	3.430	3.630	-	-	-	Heavy equipment:					
RICHMOND, VA.						Cranes, derricks, piledrivers	4.620	4.770	15¢	15¢	-
<u>Journeyman</u>						Medium equipment:					
Asbestos workers	3.780	3.880	10¢	10¢	-	Hoists, high pressure boilers, concrete pumps	4.450	4.600	15¢	15¢	-
Boilermakers	4.300	4.450	10¢	10¢	-	Light equipment:					
Bricklayers	4.000	4.000	-	15¢	-	Mixers (14S to 26S)	4.450	4.600	15¢	15¢	-
Carpenters	3.250	3.350	-	-	-	Pumps (4 inches and over), mixers (under 14S)	3.415	3.565	15¢	15¢	-
Millwrights	3.950	4.050	-	-	-	Compressors (315 cubic feet and over)	3.415	3.565	15¢	15¢	-
Cement finishers	3.100	3.200	-	-	-	Compressors (under 315 cubic feet), pumps (under 4 inches)	3.415	3.565	15¢	15¢	-
Troweling machine	3.200	3.300	-	-	-						
Electricians (inside wiremen)	3.900	4.050	-	1%	-						
Elevator constructors	3.765	3.945	7½¢	10½¢	(*)						

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965			Trade or occupation	July 1, 1964		July 1, 1965		
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
ROCHESTER, N. Y.—Continued						SACRAMENTO, CALIF.—Continued					
Journeyman—Continued						Journeyman—Continued					
Engineers—Power equipment operators—Continued						Engineers—Power equipment operators—Continued					
Heavy construction:						Heavy construction:					
Heavy equipment:						Heavy equipment:					
Cableways, pile-drivers, shovels	\$4.450	\$4.600	15¢	10¢	-	Power shovels (up to and including 1 yard)	\$5.175	\$5.410	19½¢	20¢	17½¢
Medium equipment:						Power shovels (over 1 yard and including 7 yards)	5.305	5.550	19½¢	20¢	17½¢
Mucking machines	4.450	4.600	15¢	10¢	-	Euclids (with earth moving equipment up to and including 45 cubic yards "struck")	4.965	5.190	19½¢	20¢	17½¢
Carryall type scrapers, bulldozers, graders	4.250	4.450	15¢	10¢	-	Highline cableways (over 5 tons)	5.305	5.550	19½¢	20¢	17½¢
Light equipment:						Medium equipment:					
Dinky locomotives	4.100	4.200	15¢	10¢	-	Mucking machines	4.965	5.190	19½¢	20¢	17½¢
Compressors (315 cubic feet and over)	4.100	4.200	15¢	10¢	-	Dual-drum mixers	4.785	4.995	19½¢	20¢	17½¢
Pumps:						Tractors	4.895	5.140	19½¢	20¢	17½¢
Under 4 inches	4.100	4.200	15¢	10¢	-	Light equipment:					
4 inches and over	4.100	4.200	15¢	10¢	-	Locomotives	4.285	4.465	19½¢	20¢	17½¢
Glaziers	4.050	4.350	-	-	-	Steam or over 30 tons	4.705	4.910	19½¢	20¢	17½¢
Lathers	4.560	4.760	-	10¢	-	Cranes:					
Machinists	4.650	4.650	-	10¢	-	25 tons or less	5.175	5.410	19½¢	20¢	17½¢
Marble setters	4.790	4.890	-	15¢	-	Over 25 tons	5.305	5.500	19½¢	20¢	17½¢
Mosaic and terrazzo workers	4.790	4.890	-	15¢	-	Glaziers	4.320	4.320	11½¢	10¢	20¢
Painters	4.100	4.300	-	15¢	-	Lathers	4.400	4.650	19½¢	20¢	50¢
Bridge	4.725	4.925	-	15¢	-	Mosaic and terrazzo workers	4.700	4.700	18¢	20¢	30¢
Spray	4.500	4.700	-	15¢	-	Painters	4.510	4.725	24½¢	15¢	20¢
Structural	4.350	4.550	-	15¢	-	Spray	4.860	5.075	24½¢	15¢	20¢
Paperhangers	4.100	4.300	-	15¢	-	Swing stage	4.860	5.075	24½¢	15¢	20¢
Pipefitters	4.410	4.710	20¢	12¢	-	Structural steel	4.860	5.075	24½¢	15¢	20¢
Plasterers	4.935	5.135	-	25¢	-	Paperhangers	4.860	5.075	24½¢	15¢	20¢
Plumbers	4.410	4.710	20¢	12¢	-	Pipefitters	5.520	5.920	20¢	12½¢	53¢
Rodmen	4.600	4.800	15¢	10¢	-	Plasterers	4.600	4.650	19½¢	20¢	50¢
Roofers, composition	4.160	4.360	10¢	11¢	-	Plumbers	5.520	5.920	20¢	12½¢	53¢
Roofers, slate and tile	4.160	4.360	10¢	11¢	-	Rodmen	4.750	4.820	23¢	15¢	15¢
Sheet-metal workers	4.480	4.740	10¢	11¢	-	Roofers, composition	4.120	4.170	24¢	10¢	30¢
Stonemasons	4.935	5.135	-	15¢	-	Roofers, slate and tile	4.120	4.170	24¢	10¢	30¢
Structural-iron workers	4.600	4.800	15¢	10¢	-	Sheet-metal workers	5.115	5.395	15¢	13¢	58¢
Tile layers	4.790	4.890	-	15¢	-	Stonemasons	4.600	4.700	18¢	20¢	30¢
						Structural- and ornamental-iron workers	5.000	5.070	23¢	15¢	15¢
Helpers and laborers						Tile layers	4.450	4.710	14¢	15¢	22¢
Bricklayers' tenders	3.480	3.680	15¢	15¢	-	Helpers and laborers					
Building laborers	3.480	3.680	15¢	15¢	-	Bricklayers' tenders	3.750	3.905	19½¢	-	30¢
Elevator constructors' helpers	3.310	3.490	7½¢	10½¢	(*)	Building laborers	3.575	3.775	20¢	15¢	1920¢
Marble setters' helpers	3.900	4.150	-	-	-	Elevator constructors' helpers	3.490	3.660	7½¢	10½¢	(*)
Plasterers' laborers	3.480	3.680	15¢	15¢	-	Plasterers' laborers	3.950	4.150	19½¢	-	50¢
Terrazzo workers' helpers	3.900	4.150	-	-	-	Terrazzo workers' helpers	3.500	4.200	17½¢	-	25¢
Base machine and grinders	4.000	4.250	-	-	-	Base machine	3.800	4.550	17½¢	-	25¢
Tile layers' helpers	3.900	4.150	-	-	-	Tile layers' helpers	3.330	3.580	12¢	-	16¢
SACRAMENTO, CALIF.						ST. LOUIS, MO.					
Journeyman						Journeyman					
Asbestos workers	5.160	5.530	30¢	20¢	40¢	Asbestos workers	4.705	4.905	12½¢	17¢	-
Boilermakers	5.000	5.250	10¢	10¢	15¢	Boilermakers	4.450	4.600	10¢	20¢	-
Bricklayers	4.600	4.700	18¢	20¢	30¢	Bricklayers	4.550	4.700	22¢	30¢	5%
Carpenters	4.340	4.650	23¢	25¢	25¢	Sewer, over 6 feet, open work	4.800	4.950	22¢	30¢	5%
Floor layers, shinglers	4.490	4.800	23¢	25¢	25¢	Carpenters	4.475	4.675	10¢	-	10¢
Millwrights	4.640	4.950	23¢	25¢	25¢	Residential	4.175	4.275	10¢	-	-
Cement finishers	4.195	4.655	16¢	20¢	30¢	Floor layers	4.275	4.375	13¢	10¢	(40)
Composition	4.355	4.825	16¢	20¢	30¢	Residential	3.975	4.075	13¢	10¢	(40)
Electricians (inside wiremen)	5.087	5.490	15¢	1%	54%	Cement finishers	4.275	4.325	20¢	30¢	540¢
Elevator constructors	4.990	5.230	7½¢	10½¢	(*)	Composition, swing scaffold	4.525	4.575	20¢	30¢	540¢
Engineers—Power equipment operators:						Electricians (inside wiremen)	4.660	4.800	10¢	1%+20¢	6¼%
Building construction:						Elevator constructors	4.490	4.705	7½¢	10½¢	(*)
Heavy equipment:						Engineers—Power equipment operators:					
Derricks	5.175	5.410	19½¢	20¢	17½¢	Building construction:					
Medium equipment:						Heavy equipment:					
Material hoists (1 drum)	4.545	4.740	19½¢	20¢	17½¢	Cranes, draglines, shovels, derricks, piledrivers	4.475	4.675	510¢	20¢	-
Mixermobiles	4.785	4.995	19½¢	20¢	17½¢						
Light equipment:											
Compressors	4.185	4.355	19½¢	20¢	17½¢						
Compressors (2 to 6)	4.655	4.855	19½¢	20¢	17½¢						
Towermobiles	4.545	4.740	19½¢	20¢	17½¢						
Concrete mixers (up to 1 yard)	4.185	4.355	19½¢	20¢	17½¢						

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
ST. LOUIS, MO.—Continued						SALT LAKE CITY, UTAH—Continued					
Journeyman—Continued						Journeyman—Continued					
Engineers—Power equipment operators—Continued						Elevator constructors	\$4.110	\$4.320	7½¢	10½¢	(4)
Building construction—Continued						Engineers—Power equipment operators:					
Medium equipment:						Building construction:					
Boring machines (footing equipment), combination hoists and concrete mixers, tractor shovels, hi-lifts	\$4.475	\$4.675	510¢	20¢	-	Heavy equipment:					
Light equipment:						Derricks	4.280	4.400	10¢	10¢	-
Concrete pumps	4.475	4.675	510¢	20¢	-	Piledrivers	5.160	5.430	10¢	10¢	-
1-drum hoists, single compressors	3.925	4.125	510¢	20¢	-	Tractors with front end loaders:					
Heavy construction:						Up to 1 yard	3.710	3.810	10¢	10¢	-
Heavy equipment:						1-2 yards	3.990	4.090	10¢	10¢	-
Cranes, derricks, draglines, pile-drivers, shovels	4.475	4.675	510¢	20¢	-	2-5 yards	4.070	4.180	10¢	10¢	-
Medium equipment:						Over 5 yards	4.650	4.790	10¢	10¢	-
1-drum hoists, welding machines, single compressors	3.925	4.125	510¢	20¢	-	Medium equipment:					
Light equipment:						Hoists, 1 drum	3.710	3.810	10¢	10¢	-
Boilers, pumps, concrete-mixing machines	3.925	4.125	510¢	20¢	-	Hoists, 2 drums (both in use)	4.070	4.180	10¢	10¢	-
Glaziers	4.410	4.660	11½¢	20¢	(41)	Mixermobiles	3.990	4.090	10¢	10¢	-
Lathers	4.600	4.850	12½¢	-	-	Tractors, rubber tired	3.990	4.090	10¢	10¢	-
Machinists	4.575	4.775	510¢	-	-	Light equipment:					
Marble setters	4.660	4.860	-	-	-	Air compressors	3.670	3.770	10¢	10¢	-
Mosaic and terrazzo workers	4.760	5.020	-	-	-	Air compressors (2 or more)	3.790	3.890	10¢	10¢	-
Painters	4.210	4.340	12¢	10¢	1710¢	Concrete mixers (skip type)	3.670	3.770	10¢	10¢	-
Spray	5.050	5.210	12¢	10¢	1710¢	Heavy construction:					
Pressure roller	4.460	4.590	12¢	10¢	1710¢	Heavy equipment:					
Paperhangers	4.210	4.340	12¢	10¢	1710¢	Power shovels:					
Pipefitters	4.825	4.925	30¢	25¢	5¢	Up to 1 cubic yard	4.280	4.400	10¢	10¢	-
Sprinkler fitters	4.630	4.830	511¢	510¢	550¢	Over 1 cubic yard	4.280	4.400	10¢	10¢	-
Plasterers	4.000	4.250	17½¢	-	555¢	Tournapulls or similar type	4.280	4.400	10¢	10¢	-
Plumbers	4.950	5.280	21½¢	21½¢	26½¢	Medium equipment:					
Rodmen	4.275	4.475	10¢	10¢	520¢	Tractors	4.070	4.180	10¢	10¢	-
Roofers, composition	4.350	4.500	12¢	-	-	Light equipment:					
Roofers, slate and tile	4.200	4.350	-	-	-	Locomotives	3.990	4.090	10¢	10¢	-
Sheet-metal workers	4.460	4.610	12½¢	17¢	6%	Truck cranes	4.280	4.400	10¢	10¢	-
Stonemasons	4.550	4.700	22¢	30¢	5%	Glaziers	3.460	3.590	-	-	(42)
Structural-iron workers	4.275	4.475	10¢	10¢	520¢	Lathers	3.985	4.070	15¢	-	-
Tile layers	4.560	4.710	12½¢	-	-	Marble setters	3.450	3.450	-	-	(7)
						Mosaic and terrazzo workers	3.875	4.000	-	-	(6)
Helpers and laborers						Painters	3.700	3.850	15¢	-	-
Bricklayers' tenders	3.850	3.900	10¢	20¢	10¢	Swing stage, spray	3.900	4.050	15¢	-	-
Building laborers	3.525	3.625	10¢	20¢	-	Paperhangers	3.900	4.050	15¢	-	-
Residential	3.175	3.175	10¢	20¢	-	Pipefitters	4.450	4.450	16¢	20¢	-
Composition roofers' helpers	3.150	3.300	12¢	-	-	Refrigeration fitters	4.000	4.050	16¢	-	-
Elevator constructors' helpers	3.140	3.290	7½¢	10½¢	(4)	Plasterers	3.985	4.070	15¢	-	-
Marble setters' helpers	3.800	3.950	-	-	-	Plumbers	4.450	4.450	16¢	20¢	-
Plasterers' laborers	3.975	4.125	10¢	20¢	-	Rodmen	4.350	4.500	10¢	10¢	-
Plumbers' laborers	3.750	3.875	10¢	20¢	10¢	Roofers, composition	3.650	3.800	10¢	-	15¢
Terrazzo workers' helpers	3.420	3.650	-	-	532¢	Roofers, slate and tile	3.650	3.800	10¢	-	15¢
Base machine	3.720	3.950	-	-	532¢	Sheet-metal workers	4.080	4.150	13¢	20¢	17¢
Tile layers' helpers	3.630	3.780	12½¢	-	-	Structural- and ornamental-iron workers	4.350	4.500	10¢	-	10¢
						Tile layers	3.875	4.000	-	-	(7)
ST. PAUL, MINN.											
(Scales listed under Minneapolis—St. Paul, Minn.)						Helpers and laborers					
SALT LAKE CITY, UTAH						Bricklayers' tenders	3.350	3.550	10¢	-	-
Journeyman						Building laborers	2.875	3.025	10¢	-	-
Asbestos workers	4.350	4.520	21¢	20¢	-	Elevator constructors' helpers	2.880	3.020	7½¢	10½¢	(4)
Boilermakers	4.750	4.750	10¢	10¢	15¢	Plasterers' laborers	3.360	3.445	15¢	-	-
Bricklayers	4.090	4.340	11¢	-	18¢	Plumbers' laborers	2.875	3.025	10¢	-	-
Carpenters	3.850	4.100	10¢	10¢	-	Pipelayers	3.000	3.150	10¢	-	-
Millwrights	4.100	4.350	10¢	10¢	-	Terrazzo workers' helpers	2.875	3.025	10¢	-	-
Piledrivers	4.710	4.710	10¢	10¢	-						
Cement finishers	3.800	4.050	10¢	10¢	-	SAN ANTONIO, TEX.					
Composition floor layers	3.925	4.175	10¢	10¢	-	Journeyman					
Finishing-machine operators	3.925	4.175	10¢	10¢	-	Asbestos workers	4.300	4.460	10¢	10¢	-
Electricians (inside wiremen)	4.450	4.600	-	1%	-	Bricklayers	4.170	4.250	-	-	-
						Carpenters	3.750	3.750	-	-	-
						Cement finishers	3.750	3.750	-	-	-
						Machine operators	4.000	4.000	-	-	-

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
SAN ANTONIO, TEX.—Continued						SAN DIEGO, CALIF.—Continued					
Journeyman—Continued						Journeyman—Continued					
Electricians (inside wiremen).....	\$4.000	\$4.125	-	1%	-	Engineers—Power equipment operators—Continued Building construction—Continued	\$4.810	\$5.110	15¢	15¢	15¢
Elevator constructors.....	4.070	4.190	7½¢	10½¢	(*)						
Engineers—Power equipment operators:						Heavy equipment—Continued					
Building construction:						Tractors (bulldozers, tampers, scrapers, or drag-type shovels).....					
Heavy equipment:						Medium equipment:					
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.....	4.000	4.000	-	-	-	A-Frame boom trucks.....	4.510	5.110	15¢	15¢	15¢
Light equipment:						Motor patrols, including power blades.....	4.910	5.210	15¢	15¢	15¢
Air compressors, hoists (1 drum), rollers (under 5 tons), mixers (less than 14 cubic feet), pumps, 2½ inches or larger.....	3.600	3.600	-	-	-	Light equipment:					
Glaziers.....	3.500	3.625	-	-	-	Air compressors.....	4.030	4.330	15¢	15¢	15¢
Lathers.....	4.125	4.125	-	-	-	Concrete mixers (skip type).....	4.270	4.570	15¢	15¢	15¢
Marble setters.....	4.050	4.150	-	-	-	Heavy construction:					
Mosaic and terrazzo workers.....	3.500	3.625	-	-	-	Heavy equipment:					
Painters.....	3.500	3.625	-	-	-	Universal equipment (shovels, draglines, derrick-barges, clamshells, or cranes).....	4.910	5.210	15¢	15¢	15¢
Spray.....	3.750	3.875	-	-	-	Tractors, (bulldozers, tampers, scrapers, or drag-type shovels).....	4.810	5.110	15¢	15¢	15¢
Structural steel spray.....	4.000	4.125	-	-	-	Medium equipment:					
Paperhangers.....	3.500	3.625	-	-	-	Motor patrols, including power blades.....	4.910	5.210	15¢	15¢	15¢
Pipefitters.....	4.300	4.450	-	-	-	Concrete and mobile mixers.....	4.910	5.210	15¢	15¢	15¢
Plasterers.....	4.250	4.250	-	-	-	Light equipment:					
Plumbers.....	4.300	4.450	-	-	-	Air compressors.....	4.030	4.330	15¢	15¢	15¢
Rodmen.....	3.750	3.875	-	-	-	Skip loaders:					
Sheet-metal workers.....	4.125	4.275	-	-	-	¼ yard or less (without drag).....	4.270	4.570	15¢	15¢	15¢
Stonemasons.....	4.170	4.250	-	-	-	Over ¼ to 1½ yards (wheel type).....	4.810	5.110	15¢	15¢	15¢
Structural- and ornamental-iron workers.....	4.000	4.125	-	-	-	Over 1½ yards.....	4.410	5.110	15¢	15¢	15¢
Sheeters and buckers-up.....	4.150	4.275	-	-	-	Glaziers.....	4.340	4.540	12¢	10¢	15¢
Tile layers.....	3.500	3.625	-	-	-	Lathers.....	4.350	4.350	17½¢	15¢	547½¢
						Machinists.....	5.250	5.250	(*)	-	-
						Marble setters.....	4.580	4.720	14¢	-	20¢
						Mosaic and terrazzo workers.....	4.580	4.720	14¢	-	20¢
						Painters.....	4.520	4.820	18¢	15¢	10¢
						Spray.....	4.770	5.070	18¢	15¢	10¢
						Swing stage, brush.....	4.770	5.070	18¢	15¢	10¢
						Swing stage, spray.....	5.020	5.320	18¢	15¢	10¢
						Paperhangers.....	4.645	4.945	18¢	15¢	10¢
						Pipefitters.....	5.200	5.500	5½¢	6%	197½¢
						Refrigeration fitters.....	4.900	5.200	5½¢	6%	197½¢
						Plasterers.....	4.750	4.850	15¢	15¢	-
						Plumbers.....	5.200	5.500	5½¢	6%	197½¢
						Rodmen.....	4.750	4.820	23¢	15¢	15¢
						Roofers, composition.....	4.700	4.850	14¢	-	10¢
						Roofers, slate and tile.....	4.700	4.850	14¢	-	10¢
						Sheet-metal workers.....	5.200	5.400	19¢	16¢	-
						Structural-iron workers.....	5.000	5.070	23¢	15¢	15¢
						Tile layers.....	4.580	4.720	14¢	-	20¢
						Helpers and laborers					
						Bricklayers' tenders.....	3.685	3.910	15¢	15¢	15¢
						Building laborers.....	3.405	3.755	15¢	15¢	15¢
						Elevator constructors' helpers.....	3.450	3.580	7½¢	10½¢	(*)
						Marble setters' helpers.....	3.840	3.950	14¢	-	20¢
						Plasterers' laborers.....	4.500	4.600	15¢	15¢	-
						Terrazzo workers' helpers.....	3.810	3.980	-	-	-
						Base machine.....	4.210	4.380	-	-	-
						Tile layers' helpers.....	3.840	3.950	14¢	-	20¢

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965			Trade or occupation	July 1, 1964		July 1, 1965		
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
SAN FRANCISCO-OAKLAND, CALIF.						SAN FRANCISCO-OAKLAND, CALIF.—Continued					
(Scales are the same for both cities unless otherwise indicated)						Journeymen—Continued					
Journeymen						Roofers, composition:					
Asbestos workers	\$5.160	\$5.530	30¢	20¢	40¢	San Francisco	\$4.225	\$4.350	25¢	20¢	20¢
Boilermakers	5.000	5.250	10¢	10¢	15¢	Oakland	4.350	4.500	11¢	10¢	25¢
Bricklayers:						Roofers, slate and tile:					
San Francisco	¹⁸ 5.400	¹⁸ 5.550	17½¢	20¢	25¢	San Francisco	4.225	4.350	25¢	20¢	20¢
Underground	¹⁸ 5.830	¹⁸ 6.260	17½¢	20¢	25¢	Oakland	4.350	4.500	11¢	10¢	25¢
Oakland	¹⁸ 5.180	¹⁸ 5.430	17¢	20¢	20¢	Sheet-metal workers:					
Carpenters	4.330	4.575	23¢	25¢	15¢	San Francisco	4.940	5.115	15¢	13¢	¹⁹ 7½%
Floor layers, shinglers	4.480	4.725	23¢	25¢	15¢	Oakland	5.000	5.250	17¢	12¢	7%
Millwrights	4.630	4.925	23¢	25¢	15¢	Stonemasons:					
Cement finishers	4.195	4.665	16¢	20¢	30¢	San Francisco	¹⁸ 5.400	¹⁸ 5.550	17½¢	20¢	-
Composition	4.355	4.825	16¢	20¢	30¢	Oakland	¹⁸ 5.180	¹⁸ 5.430	17¢	20¢	20¢
Swing scaffold	4.445	4.915	16¢	20¢	30¢	Structural- and ornamental-iron workers					
Electricians (inside wiremen):						San Francisco	5.000	5.070	23¢	15¢	15¢
San Francisco	5.120	⁹ 5.411	18¢	1%+11¢	⁵ 4%	Oakland	5.000	5.250	17½¢	15¢	¹⁹ 5%
Oakland	5.240	5.481	15¢	1%+20¢	⁵ 8%	Helpers and laborers					
Elevator constructors	4.990	5.230	7½¢	10½¢	(*)	Bricklayers' tenders:					
Engineers—Power equipment operators:						San Francisco	¹⁸ 4.300	¹⁸ 4.550	25¢	20¢	-
Building construction:						Oakland	¹⁸ 4.575	¹⁸ 4.775	20¢	-	-
Heavy equipment:						Building laborers:					
Derricks	5.175	5.410	19½¢	20¢	¹⁷ 15¢	San Francisco	3.575	3.775	20¢	15¢	¹⁹ 20¢
Medium equipment:						Oakland	3.575	3.775	20¢	15¢	¹⁹ 20¢
Material hoists (1 drum)	4.545	4.740	19½¢	20¢	¹⁷ 15¢	Concrete	3.675	3.875	20¢	15¢	¹⁹ 20¢
Mixermobiles	4.785	4.995	19½¢	20¢	¹⁷ 15¢	Elevator constructors' helpers					
Light equipment:						San Francisco	3.490	3.660	7½¢	(*)	(*)
Compressors	4.185	4.355	19½¢	20¢	¹⁷ 15¢	Oakland	4.400	4.430	12½¢	-	6½%
Compressors (2 to 6)	4.655	4.855	19½¢	20¢	¹⁷ 15¢	Plasterers' laborers:					
Towermobiles	4.545	4.740	19½¢	20¢	¹⁷ 15¢	San Francisco	¹⁸ 4.250	¹⁸ 4.550	15¢	20¢	35¢
Concrete mixers (up to 1 yard)	4.185	4.355	19½¢	20¢	¹⁷ 15¢	Oakland	³³ 4.345	³³ 4.345	22½¢	-	⁵ 50¢
Heavy construction:						Terrazzo workers' helpers					
Heavy equipment:						Base machine	4.275	4.550	17½¢	-	25¢
Power shovels (up to and including 1 yard)	5.175	5.410	19½¢	20¢	¹⁷ 15¢	Tile layers' helpers	4.175	4.400	17½¢	5¢	5%
Power shovels (over 1 yard and including 7 yards)	5.305	5.550	19½¢	20¢	¹⁷ 15¢	SCRANTON, PA.					
Euclids (with earth moving equipment up to and including 45 cubic yards "struck")	4.965	5.190	19½¢	20¢	¹⁷ 15¢	Journeymen					
Highline cableways (over 5 yards)	5.305	5.550	19½¢	20¢	¹⁷ 15¢	Asbestos workers	3.775	3.975	15¢	15¢	22½¢
Medium equipment:						Bricklayers	4.400	4.550	17½¢	-	-
Mucking machines	4.965	5.190	19½¢	20¢	¹⁷ 15¢	Carpenters	3.575	3.625	15¢	12½¢	-
Dual-drum mixers	4.785	4.995	19½¢	20¢	¹⁷ 15¢	Millwrights	4.155	4.205	15¢	12½¢	-
Tractors	4.895	5.140	19½¢	20¢	¹⁷ 15¢	Cement finishers	4.025	4.200	15¢	-	-
Light equipment:						Electricians (inside wiremen)					
Locomotives	4.285	4.465	19½¢	20¢	¹⁷ 15¢	San Francisco	4.050	4.175	17½¢	1%+30¢	-
Steam or over 30 tons	4.705	4.910	19½¢	20¢	¹⁷ 15¢	Oakland	4.310	4.430	7½¢	10½¢	(*)
Cranes:						Elevator constructors					
25 tons or less	5.175	5.410	19½¢	20¢	¹⁷ 15¢	Engineers—Power equipment operators:					
Over 25 tons	5.305	5.500	19½¢	20¢	¹⁷ 15¢	Building construction:					
Glaziers	4.455	4.690	15¢	10¢	²⁰ 4%	Heavy equipment:					
Lathers:						Cranes (all types), derricks, power shovels					
San Francisco	4.390	4.690	15¢	35¢	50¢	San Francisco	4.895	5.135	15¢	15¢	-
Oakland	4.440	4.690	24¢	26¢	¹⁹ 80¢	Medium equipment:					
Machinists	5.150	5.400	-	-	-	Tournapulls, carryalls					
Marble setters	4.820	5.290	20¢	-	¹⁹ 6½%	San Francisco	4.425	4.645	15¢	15¢	-
Mosaic and terrazzo workers	4.700	4.850	15¢	20¢	¹⁷ 22¢	Oakland	4.180	4.390	15¢	15¢	-
Painters	¹⁸ 4.470	¹⁸ 4.720	24½¢	15¢	20¢	Light equipment:					
Paperhangers	¹⁸ 4.470	¹⁸ 4.720	24½¢	15¢	20¢	Welding machines					
Pipefitters:						Compressors, pumps					
San Francisco	5.425	¹⁸ 6.200	56¢	15¢	27¢	Heavy construction:					
Sprinkler fitters	5.915	6.315	11¢	10¢	-	Heavy equipment:					
Refrigeration fitters	5.150	5.500	40½¢	13¢	21½¢	Cranes (all types), power shovels, cableways					
Oakland	5.825	6.275	20¢	25¢	-	San Francisco	4.895	5.135	15¢	15¢	-
Plasterers:						Medium equipment:					
San Francisco	4.850	5.000	19¢	20¢	72¢	Tournapulls, carryalls					
Oakland	³³ 4.465	³³ 4.715	20¢	25¢	⁵ 50¢	Bulldozers, tractors					
Plumbers:						Light equipment:					
San Francisco	5.425	¹⁸ 6.200	56¢	15¢	27¢	Welding machines					
Oakland	5.710	6.070	22¢	25¢	-	Compressors, pumps					
Rodmen	4.750	4.820	23¢	15¢	15¢	San Francisco	4.060	4.260	15¢	15¢	-
						Oakland	4.060	4.260	15¢	15¢	-
						San Francisco	4.300	3.450	8¢	12¢	-
						Oakland	4.375	4.550	-	-	-
						Marble setters					
						Lathers					
						Mosaic and terrazzo workers					
						San Francisco	4.400	4.550	17½¢	-	-
						Oakland	4.400	4.550	17½¢	-	-

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965			Trade or occupation	July 1, 1964	July 1, 1965				
	Rate per hour	Rate per hour	Employer contribution to fund ¹			Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insurance ²	Pension				Vacation pay ³	Insurance ²	Pension	Vacation pay ³
SCRANTON, PA.—Continued					SEATTLE, WASH.—Continued						
<u>Journeyman—Continued</u>					<u>Journeyman—Continued</u>						
Painters	\$3.250	\$3.375	-	-	-	Pipefitters	\$4.570	\$4.580	21¢	21¢	20¢
Swing, steel, spray	3.750	3.875	-	-	-	Refrigeration fitters	4.570	4.580	21¢	21¢	(4)
Paperhangers	3.250	3.375	-	-	-	Plasterers	4.270	4.410	15¢	-	22¢
Pipefitters	4.350	4.525	15¢	-	-	Plumbers	4.570	4.580	21¢	21¢	20¢
Plasterers	4.175	4.350	15¢	-	-	Rodmen	4.320	4.320	10¢	10¢	-
Plumbers	4.350	4.525	15¢	-	-	Roofers, composition	4.180	4.340	12¢	-	-
Residential	3.775	3.775	15¢	-	-	Roofers, slate and tile	4.430	4.590	12¢	-	-
Rodmen	5.100	5.300	23½¢	21½¢	-	Sheet-metal workers	4.660	4.760	15¢	10¢	-
Roofers, composition	3.725	3.900	-	-	-	Stonemasons	4.710	4.830	15¢	-	20¢
Roofers, slate and tile	3.725	3.900	-	-	-	Structural-iron workers	4.520	4.520	10¢	10¢	-
Sheet-metal workers	3.900	4.000	15¢	10¢	-	Tile layers	4.220	4.350	15¢	-	15¢
Stonemasons	4.550	4.550	17½¢	-	-	<u>Helpers and laborers</u>					
Structural-iron workers	5.200	5.400	23½¢	21½¢	-	Bricklayers' tenders	3.700	3.900	15¢	15¢	-
Tile layers	4.400	4.550	17½¢	-	-	Building laborers	3.400	3.600	15¢	15¢	-
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>						
Bricklayers' tenders	3.150	3.225	10¢	-	-	Elevator constructors'					
Building laborers	3.000	3.075	10¢	-	-	helpers	3.070	3.270	7½¢	10½¢	(*)
Composition roofers'						Marble setters' helpers	3.400	3.600	15¢	-	15¢
helpers	3.300	3.575	-	-	-	Plasterers' laborers	3.700	3.900	15¢	15¢	-
Elevator constructors'						Plumbers' laborers	3.400	3.600	15¢	15¢	-
helpers	3.020	3.100	7½¢	10½¢	(*)	Terrazzo workers' helpers	3.400	3.600	15¢	-	15¢
Marble setters' helpers	3.150	3.350	-	-	-	Base grinders	3.650	3.850	15¢	-	15¢
Plasterers' laborers	3.150	3.225	10¢	-	-	Tile layers' helpers	3.400	3.600	15¢	-	15¢
Plumbers' laborers	3.000	3.075	10¢	-	-	SHREVEPORT, LA.					
Terrazzo workers' helpers	3.250	3.450	-	-	-	<u>Journeyman</u>					
Tile layers' helpers	3.150	3.350	-	-	-	Asbestos workers	4.200	4.350	10¢	17½¢	-
SEATTLE, WASH.					SEATTLE, WASH.						
<u>Journeyman</u>					<u>Journeyman</u>						
Asbestos workers	4.630	4.800	13¢	20¢	-	Boilermakers	4.200	4.400	10¢	10¢	-
Boilermakers	4.750	4.750	10¢	15¢	-	Bricklayers	4.150	4.150	-	-	-
Bricklayers	4.710	4.830	15¢	-	20¢	Carpenters	3.350	3.500	-	-	-
Carpenters	4.080	4.280	15¢	15¢	-	Millwrights	3.600	3.750	-	-	-
Floor layers, shinglers	4.210	4.410	15¢	15¢	-	Piledrivers	3.475	3.750	-	-	-
Millwrights	4.230	4.430	15¢	15¢	-	Cement finishers	3.250	3.350	-	-	-
Piledrivers, bridge and dock	4.180	4.380	15¢	15¢	-	Troweling machine	3.500	3.600	-	-	-
Cement finishers	4.270	4.420	12¢	-	-	Electricians (inside wiremen)	4.100	4.200	-	1%	-
Floor layers, composition and mastic	4.520	4.670	12¢	-	-	Elevator constructors	3.950	4.045	7½¢	10½¢	(*)
Electricians (inside wiremen)	4.655	4.795	14¢	1%	-	Engineers—Power equipment operators:					
Elevator constructors	4.380	4.680	7½¢	10½¢	(*)	Air compressors	3.140	3.390	-	-	-
Engineers—Power equipment operators:						Bulldozers:					
Building and heavy construction:						16S and over	3.700	3.950	-	-	-
Heavy equipment:						Under 16S	3.350	3.600	-	-	-
Shovels and cranes, all crawler and truck types	4.830	5.130	20¢	20¢	-	Cranes, derricks, draglines	3.700	3.950	-	-	-
Bulldozers	4.460	4.760	20¢	20¢	-	Finishing machines	3.350	3.600	-	-	-
Carryall type scrapers:						Hoists	3.140	3.390	-	-	-
Single	4.460	4.760	20¢	20¢	-	Mixers:					
Tandem	4.600	4.900	20¢	20¢	-	16S and over	3.700	3.950	-	-	-
Medium equipment:						Under 16S	3.140	3.390	-	-	-
Hoists	4.490	4.790	20¢	20¢	-	Pumps	3.140	3.390	-	-	-
Mixers, other than paving:						Rollers	3.350	3.600	-	-	-
200 yards and under	4.490	4.790	20¢	20¢	-	Scrapers, shovels	3.700	3.950	-	-	-
Over 200 yards	4.780	5.080	20¢	20¢	-	Glaziers	3.150	3.250	-	-	-
Piledrivers	4.830	5.130	20¢	20¢	-	Lathers	3.875	4.125	-	-	-
Light equipment:						Marble setters	3.450	3.450	-	-	-
Forklifts or lumber stackers (on construction job site)	4.430	4.730	20¢	20¢	-	Mosaic and terrazzo workers	3.500	3.500	-	-	-
Compressors, excavating	4.190	4.490	20¢	20¢	-	Painters	3.150	3.200	-	-	-
Glaziers	4.140	4.280	12¢	10¢	(4)	Steel and swing stage:					
Lathers	4.270	4.410	15¢	-	22¢	Exceeding 30 feet	3.400	3.450	-	-	-
Marble setters:						Exceeding 75 feet	3.650	3.700	-	-	-
Inside	4.480	4.600	15¢	-	20¢	Spray	4.250	4.300	-	-	-
Outside	4.780	4.900	15¢	-	20¢	Paperhangers	3.150	3.200	-	-	-
Mosaic and terrazzo workers	4.330	4.450	15¢	-	20¢	Pipefitters	3.950	4.200	-	-	-
Painters	4.010	4.340	14¢	-	-	Plasterers	4.125	4.125	-	-	-
Structural steel, spray	4.210	4.550	14¢	-	-	Plumbers	3.950	4.200	-	-	-
Paperhangers	4.010	4.340	14¢	-	-	Rodmen	3.700	3.950	-	-	-
						Roofers, composition	2.700	2.850	-	-	-
						Roofers, slate and tile	3.050	3.200	-	-	-
						Sheet-metal workers	3.750	3.800	-	-	-
						Stonemasons	4.150	4.150	-	-	-
						Structural-iron workers	3.900	4.100	-	-	-
						Sheeters	4.150	4.350	-	-	-
						Tile layers	3.450	3.450	-	-	-
						<u>Helpers and laborers</u>					
						Bricklayers' tenders	1.975	2.100	-	-	-
						Building laborers	1.875	2.000	-	-	-
						Airjack operators	2.075	2.200	-	-	-
						Composition roofers' helpers	1.950	2.050	-	-	-

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
SHREVEPORT, LA.— Continued					SPOKANE, WASH.— Continued						
<u>Helpers and laborers—</u> Continued					<u>Journeyman—Continued</u>						
Elevator constructors' helpers	\$2.765	\$2.830	7½¢	10½¢	(*)	Cement finishers	\$4.180	\$4.280	20¢	10¢	-
Marble setters' helpers	1.750	1.750	-	-	-	Electricians (inside wiremen)	4.404	4.452	10¢	1%	54%
Plasterers' laborers	1.975	2.100	-	-	-	Elevator constructors	4.380	4.670	7½¢	10½¢	(*)
Mortar mixers	2.025	2.150	-	-	-	Engineers—Power equipment operators:					
Terrazzo workers' helpers	1.800	1.800	-	-	-	Building construction:					
Floor machine	2.150	2.150	-	-	-	Heavy equipment:					
Base machine	2.350	2.350	-	-	-	Cranes, derricks	4.600	4.600	10¢	15¢	-
Tile layers' helpers	1.750	1.750	-	-	-	Hoists, 2 drums or more	4.300	4.300	10¢	15¢	-
SOUTH BEND, IND.											
<u>Journeyman</u>											
Asbestos workers	4.425	4.600	10¢	-	-	Medium equipment:					
Boilermakers	4.650	4.900	10¢	20¢	-	Mixermobiles, pump-cretes (linkbelt or similar)	4.300	4.300	10¢	15¢	-
Bricklayers	4.350	4.350	-	9¢	50¢	Concrete mixers	4.050	4.050	10¢	15¢	-
Carpenters	4.000	4.150	10¢	10¢	-	Light equipment:					
Residential	3.900	3.900	-	10¢	-	Compressors:					
Cement finishers	4.100	4.150	10¢	10¢	10¢	1 only (portable)	3.750	3.750	10¢	15¢	-
Electricians (inside wiremen)	4.250	4.450	2%	1%	-	2 or more (portable)	4.050	4.050	10¢	15¢	-
Elevator constructors	4.210	4.275	7½¢	10½¢	(*)	Pumps	3.750	3.750	10¢	15¢	-
Engineers—Power equipment operators:						Heavy construction:					
Building and heavy construction:						Heavy equipment:					
Heavy equipment:						Power shovels, shovel rigged machines (cranes, clamshells, etc.)	4.600	4.600	10¢	15¢	-
Cranes, derricks, draglines, shovels, piledrivers	4.200	4.400	10¢	10¢	-	Power shovels, over 3 yards (factory rating)	4.850	4.850	10¢	15¢	-
Medium equipment:						Tractors	4.300	4.300	10¢	15¢	-
Bulldozers, scoops, scraper wagons, tournapulls	3.860	4.060	10¢	10¢	-	Highline cableways	4.600	4.600	10¢	15¢	-
Light equipment:						Medium equipment:					
1-drum hoists, rollers, stone crushers	3.690	3.890	10¢	10¢	-	Locomotives (over 20 tons)	4.300	4.300	10¢	15¢	-
Automatic hoists	3.570	3.770	10¢	10¢	-	Derricks, piledrivers	4.600	4.600	10¢	15¢	-
Glaziers	3.600	3.700	-	-	7¢	Traxcavators and similar loaders	4.300	4.300	10¢	15¢	-
Lathers	4.000	4.000	-	10¢	29¢	Light equipment:					
Marble setters	4.150	4.250	(8)	-	-	Compressors:					
Mosaic and terrazzo workers	4.150	4.250	(8)	-	-	1 only (portable)	3.750	3.750	10¢	15¢	-
Painters	3.650	3.800	-	-	-	2 or more (portable)	4.050	4.050	10¢	15¢	-
Roller	3.900	4.050	-	-	-	Pumps	3.750	3.750	10¢	15¢	-
Spray	4.150	4.350	-	-	-	Glaziers	3.740	3.740	-	-	(48)
Paperhangers	3.650	3.800	-	-	-	Lathers	4.070	4.320	15¢	-	522¢
Pipefitters	4.300	4.400	8½¢	20¢	-	Marble setters	4.360	4.610	15¢	-	-
Plasterers	4.175	4.225	10¢	10¢	10¢	Mosaic and terrazzo workers	4.380	4.650	-	-	-
Plumbers	4.300	4.400	8½¢	20¢	-	Painters	3.980	4.130	12¢	10¢	-
Rodmen	4.300	4.450	15¢	10¢	-	Spray	4.230	4.380	12¢	10¢	-
Roofers, composition	4.150	4.300	-	-	-	Structural steel	4.430	4.580	12¢	10¢	-
Roofers, slate and tile	4.300	4.450	-	-	-	Paperhangers	3.980	4.130	12¢	10¢	-
Sheet-metal workers	4.000	4.150	10¢	10¢	20¢	Pipefitters	4.570	4.580	21¢	21¢	20¢
Stonemasons	4.350	4.350	-	9¢	50¢	Plasterers	4.070	4.320	15¢	-	522¢
Structural-iron workers	4.300	4.450	15¢	10¢	-	Plumbers	4.570	4.580	21¢	21¢	20¢
Tile layers	4.150	4.250	(8)	-	-	Rodmen	4.320	4.320	10¢	10¢	-
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>						
Bricklayers' tenders	3.000	3.200	10¢	10¢	-	Roofers, composition	4.000	4.200	-	-	-
Hod carriers	3.165	3.365	10¢	10¢	-	Roofers, slate and tile	4.000	4.200	-	-	-
Building laborers	3.000	3.200	10¢	10¢	-	Sheet-metal workers	4.400	4.420	15¢	20¢	517¢
Elevator constructors' helpers	2.960	3.003	7½¢	10½¢	(*)	Stonemasons	4.660	4.910	15¢	-	-
Marble setters' helpers	3.100	3.200	4¼¢	-	-	Structural-iron workers	4.520	4.520	10¢	10¢	-
Plasterers' laborers	3.000	3.200	10¢	10¢	-	Tile layers	4.380	4.540	-	-	-
Plumbers' laborers	3.000	3.200	10¢	10¢	-	<u>Helpers and laborers</u>					
Terrazzo workers' helpers	3.200	3.300	4¼¢	-	-	Bricklayers' tenders	3.640	3.700	12¢	10¢	-
Base machine	3.400	3.500	4¼¢	-	-	Building laborers	3.290	3.350	12¢	10¢	-
Tile layers' helpers	3.100	3.200	4¼¢	-	-	Elevator constructors' helpers	3.070	3.270	7½¢	10½¢	(*)
SPOKANE, WASH.					SPRINGFIELD, MASS.						
<u>Journeyman</u>					<u>Journeyman</u>						
Asbestos workers	4.290	4.460	13¢	20¢	25¢	Asbestos workers	4.490	4.700	19¢	10¢	-
Boilermakers	4.750	4.750	10¢	10¢	15¢	Boilermakers	4.600	4.750	10¢	20¢	-
Bricklayers	4.660	4.910	15¢	-	-	Bricklayers	4.300	4.450	12¢	15¢	-
Carpenters	4.180	4.320	15¢	10¢	-	Carpenters	4.050	4.250	11¢	-	-
Millwrights	4.380	4.520	15¢	10¢	-	Cement finishers	4.300	4.450	12¢	15¢	-
Piledrivers	4.330	4.470	15¢	10¢	-	Electricians (inside wiremen)	4.200	4.200	15¢	1%+15¢	-

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965				Trade or occupation	July 1, 1964	July 1, 1965			
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
SPRINGFIELD, MASS.—Continued						SYRACUSE, N. Y.—Continued					
Journeyman—Continued						Journeyman—Continued					
Elevator constructors	\$4.280	\$4.420	7½¢	10½¢	(*)	Engineers—Power equipment operators:					
Engineers—Power equipment operators:						Building construction:					
Building construction:						Heavy equipment:					
Heavy equipment:						Cranes, piledrivers, 2- and 3-drum hoists	\$4.850	\$4.900	15¢	15¢	-
Cranes, 3-drum hoists, shovels, trench machines, piledrivers	4.150	4.400	12¢	20¢	-	Medium equipment:					
Medium equipment:						1-drum hoists, pumps (4 inches and over)	4.375	4.425	15¢	15¢	-
Graders	3.900	4.150	12¢	20¢	-	Compressors (215 cubic feet and over)	4.075	4.125	15¢	15¢	-
Scrapers, bulldozers	3.700	3.950	12¢	20¢	-	Light equipment:					
Light equipment:						Welding machines, pumps (under 4 inches)	4.075	4.125	15¢	15¢	-
Boilers	3.700	3.950	12¢	20¢	-	Harmon Nelson heaters or their equivalent	3.600	3.650	15¢	15¢	-
Single-drum hoists, rollers, material spreaders	3.525	3.725	12¢	20¢	-	Heavy construction:					
Pumps (4 inches and over)	3.500	3.700	12¢	20¢	-	Heavy equipment:					
Heavy construction:						Power shovels, cranes	4.850	4.900	15¢	15¢	-
Heavy equipment:						Scrapers	4.375	4.425	15¢	15¢	-
Cranes, derricks, shovels, trench machines, piledrivers	4.150	4.400	12¢	20¢	-	Medium equipment:					
Medium equipment:						Bulldozers (under D6), compressors (215 cubic feet and over)	4.075	4.125	15¢	15¢	-
Graders	3.900	4.150	12¢	20¢	-	Pumps (over 4 inches)	4.375	4.425	15¢	15¢	-
Scrapers, bulldozers	3.700	3.950	12¢	20¢	-	Light equipment:					
Light equipment:						Compressors (under 215 cubic feet)	3.600	3.650	15¢	15¢	-
Boilers	3.700	3.950	12¢	20¢	-	Mixers (under 21E), tractors	4.075	4.125	15¢	15¢	-
Hoists, rollers, material spreaders	3.450	3.650	12¢	20¢	-	Glaziers	3.900	4.050	15¢	-	-
Glaziers	3.880	4.080	15¢	15¢	-	Lathers	4.525	4.725	15¢	10¢	-
Lathers	4.050	4.300	15¢	10¢	-	Marble setters	4.475	4.675	15¢	10¢	-
Marble setters	4.300	4.450	12¢	15¢	-	Mosaic and terrazzo workers	4.475	4.675	15¢	10¢	-
Mosaic and terrazzo workers	4.300	4.450	12¢	15¢	-	Painters	4.050	4.200	15¢	-	-
Painters	3.750	3.900	12½¢	-	-	Spray	4.300	4.450	15¢	-	-
Spray	5.000	5.200	12½¢	-	-	Structural steel	4.350	4.500	15¢	-	-
Structural steel above 20 feet	4.000	4.150	12½¢	-	-	Paperhangers	4.050	4.200	15¢	-	-
Paperhangers	3.750	3.900	12½¢	-	-	Pipefitters	4.550	4.650	20¢	15¢	-
Pipefitters	4.350	4.525	17½¢	20¢	-	Plasterers	4.525	4.725	15¢	10¢	-
Plasterers	4.300	4.450	12¢	15¢	-	Plumbers	4.120	4.220	20¢	15¢	38¢
Plumbers	4.400	4.600	3%	20%	-	Rodmen	4.650	4.850	15¢	10¢	-
Rodmen	4.740	5.000	3½%	2½%	-	Roofers, composition	4.400	4.600	15¢	10¢	-
Roofers, composition	4.025	4.175	15¢	15¢	-	Roofers, slate and tile	4.400	4.600	15¢	10¢	-
Roofers, slate and tile	4.200	4.350	15¢	15¢	-	Sheet-metal workers	4.325	4.765	14¢	15¢	-
Sheet-metal workers	4.350	4.550	15¢	10¢	-	Structural-iron workers	4.650	4.850	15¢	10¢	-
Stonemasons	4.300	4.450	12¢	15¢	-	Tile layers	4.475	4.675	15¢	10¢	-
Structural-iron workers	4.740	5.000	3½%	2½%	-						
Tile layers	4.300	4.450	12¢	15¢	-						
Helpers and laborers						Helpers and laborers					
Bricklayers' tenders	3.345	3.420	10¢	15¢	-	Building laborers	3.600	3.800	15¢	10¢	-
Building laborers	3.075	3.150	10¢	15¢	-	Elevator constructors' helpers	3.140	3.270	7½¢	10½¢	(*)
Composition roofers' helpers	2.616	2.714	15¢	15¢	-	Marble setters' helpers	3.675	3.875	15¢	10¢	-
Elevator constructors' helpers	3.000	3.100	7½¢	10½¢	(*)	Plasterers' laborers	3.700	3.900	15¢	10¢	-
Marble setters' helpers	3.445	3.695	-	-	-	Terrazzo workers' helpers	3.675	3.875	15¢	10¢	-
Plasterers' laborers	3.345	3.420	10¢	15¢	-	Tile layers' helpers	3.675	3.875	15¢	10¢	-
Terrazzo workers' helpers	3.445	3.695	-	-	-						
Tile layers' helpers	3.445	3.695	-	-	-						
SYRACUSE, N. Y.						TAMPA, FLA.					
Journeyman						Journeyman					
Asbestos workers	4.475	4.675	17½¢	10¢	-	Asbestos workers	3.910	4.130	7½¢	10¢	-
Boilermakers	4.600	4.750	10¢	20¢	-	Boilermakers	4.250	4.350	10¢	10¢	-
Bricklayers	4.750	4.950	15¢	10¢	-	Bricklayers	3.900	4.000	10¢	-	-
Carpenters	4.370	4.570	15¢	10¢	-	Carpenters	3.600	3.700	-	-	-
Millwrights	4.475	4.675	15¢	10¢	-	Millwrights	4.000	4.150	15¢	15¢	-
Cement finishers	4.450	4.650	15¢	10¢	-	Piledrivers	3.800	3.900	-	-	-
Electricians (inside wiremen)	4.800	4.900	15¢	1%+15¢	-	Cement finishers	3.300	3.400	10¢	-	-
Elevator constructors	4.480	4.665	7½¢	10½¢	(*)	Electricians (inside wiremen)	4.100	4.250	-	1%	-
						Elevator constructors	3.890	4.085	7½¢	10½¢	(*)

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965			Trade or occupation	July 1, 1964		July 1, 1965		
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
TAMPA, FLA.—Continued					TOLEDO, OHIO—Continued						
<u>Journeyman—Continued</u>					<u>Journeyman—Continued</u>						
Engineers—Power equipment operators:					Paperhangers \$4.165 \$4.165 10¢ 10¢ -						
Air compressors, over 105 cubic feet \$3.150 \$3.150 12½¢ - - -					Pipefitters 4.450 4.935 10¢ 10¢ -						
Bulldozers 3.225 3.375 12½¢ - - -					Plasterers 4.400 4.500 10¢ - -						
Cranes, derricks, draglines 4.000 4.250 12½¢ - - -					Plumbers 4.450 4.935 10¢ 10¢ -						
Hoists 2.850 2.900 12½¢ - - -					Rodmen 4.360 4.590 10¢ 13¢ -						
Mixers:					Roofers, composition 4.085 4.285 10¢ 20¢ -						
Under 2 bags 2.350 2.350 12½¢ - - -					Roofers, slate and tile 4.085 4.285 10¢ 20¢ -						
Over 2 bags 2.750 2.750 12½¢ - - -					Sheet-metal workers 4.085 4.335 10¢ 20¢ -						
Pumps 2.850 2.900 12½¢ - - -					Stonemasons 4.555 4.605 10¢ 20¢ -						
Trench machines 3.650 3.650 12½¢ - - -					Structural-iron workers 4.390 4.590 10¢ 13¢ -						
Glaziers 3.200 3.400 - - -					Tile layers 4.170 4.290 10¢ - -						
Lathers 3.650 3.700 - 10¢ - -					Helpers and laborers						
Machinists 4.000 4.150 - - -					Bricklayers' tenders 3.620 3.720 10¢ - -						
Marble setters 3.450 3.450 - - -					Building laborers 3.490 3.590 10¢ - -						
Mosaic and terrazzo workers 3.450 3.450 - - -					Elevator constructors' helpers 3.060 3.150 7½¢ 10½¢ (*)						
Painters 3.250 3.350 - - -					Marble setters' helpers 3.280 3.400 10¢ - -						
Residential 3.200 3.250 - - -					Plasterers' laborers 3.620 3.780 10¢ - -						
Spray and swing stage 3.400 3.500 - - -					Terrazzo workers' helpers 3.280 3.400 10¢ - -						
Structural steel 3.700 3.800 - - -					Base grinders 3.600 3.700 10¢ - -						
Paperhangers 3.250 3.350 - - -					Tile layers' helpers 3.280 3.400 10¢ - -						
Pipefitters 4.000 4.150 10¢ - -					TOPEKA, KANS.						
Air-conditioning and refrigeration 3.450 4.150 10¢ - -					<u>Journeyman</u>						
Plasterers 3.700 3.800 10¢ - -					Asbestos workers 4.170 4.270 15¢ 15¢ 4%						
Plumbers 4.000 4.150 10¢ - -					Boilermakers 4.300 4.450 10¢ 20¢ -						
Rodmen 4.000 4.200 15¢ 15¢ -					Bricklayers 4.200 4.300 12½¢ - -						
Roofers, composition 2.800 2.900 - - -					Carpenters 3.550 3.650 12½¢ - -						
Roofers, slate and tile 2.800 2.900 - - -					Millwrights 3.925 4.025 12½¢ - -						
Sheet-metal workers 3.825 3.925 10¢ 10¢ -					Cement finishers 3.650 3.750 12½¢ - -						
Stonemasons 3.900 4.000 10¢ - -					Swing stage 3.900 4.000 12½¢ - -						
Structural-iron workers 4.000 4.200 15¢ 15¢ -					Electricians (inside wiremen) 4.650 4.800 - 1% -						
Tile layers 3.450 3.450 - - -					Elevator constructors 4.200 4.260 7½¢ 10½¢ (*)						
Helpers and laborers					Engineers—Power equipment operators:						
Bricklayers' tenders 2.225 2.300 - - -					Building construction:						
Building laborers 2.075 2.150 - - -					Heavy equipment:						
Composition roofers' helpers 1.400 1.500 - - -					Boilers (2), cranes, derricks, truck cranes 4.000 4.000 12½¢ 3%						
Elevator constructors' helpers 2.723 2.859 7½¢ 10½¢ (*)					Rigs (2 yards capacity and over), tower cranes 4.150 4.150 12½¢ 3%						
Plasterers' laborers 2.225 2.300 - - -					Medium equipment:						
TOLEDO, OHIO					Barber-Greene loaders, hoists (1 active drum), bulldozers, scoops, motor patrols 3.600 3.600 12½¢ 3% -						
<u>Journeyman</u>					Forklift trucks 3.500 3.500 12½¢ 3% -						
Asbestos workers 4.380 4.530 15¢ 15¢ 35¢					Light equipment:						
Boilermakers 4.450 4.550 10¢ 10¢ -					Mixers (other than pavers), jeep ditchers, pumps (4 inches or larger) 3.400 3.400 12½¢ 3%						
Bricklayers 4.555 4.605 10¢ 20¢ -					Heavy construction:						
Carpenters 4.445 4.495 10¢ 15¢ -					Heavy equipment:						
Cement finishers 4.335 4.405 15¢ 18¢ -					Asphalt pavers and spreaders, boxing machines, clamshells, cranes, draglines, power shovels 3.650 3.650 12½¢ 15¢ -						
Electricians (inside wiremen) 4.600 4.750 10¢ 1% -					Medium equipment:						
Elevator constructors 4.360 4.495 7½¢ 10½¢ (*)					A-Frame trucks 3.100 3.100 12½¢ 15¢ -						
Engineers—Power equipment operators:					Bull floats, blade graders 3.250 3.250 12½¢ 15¢ -						
Building and heavy construction:					Bulldozers, scrapers 3.350 3.350 12½¢ 15¢ -						
Heavy equipment:					Light equipment:						
Cranes, power shovels, derricks 4.445 4.405 13¢ 20¢ -					Barber Greene loaders, conveyors 2.800 2.800 12½¢ 15¢ -						
Medium equipment:					Concrete mixers (skip type), jeep ditchers 3.250 3.250 12½¢ 15¢ -						
Bulldozers, power graders, power scoops 4.165 4.265 13¢ 20¢ -					Distributors, siphons and jets 3.050 3.050 12½¢ 15¢ -						
Light equipment:											
Compressors, portable 3.805 3.765 13¢ 20¢ -											
Pumps, 4 inches and over 4.030 3.990 13¢ 20¢ -											
Rollers, asphalt 4.050 3.990 13¢ 20¢ -											
Glaziers 3.950 4.060 15¢ - -											
Swing stage 4.100 4.210 15¢ - -											
Lathers 4.400 4.400 10¢ - -											
Marble setters 4.555 4.605 10¢ 20¢ -											
Mosaic and terrazzo workers 4.170 4.290 10¢ - -											
Painters 4.165 4.165 10¢ - -											
Spray 4.465 4.495 10¢ - -											
Swing 4.415 4.415 10¢ - -											
Spray 4.715 4.745 10¢ - -											

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964		July 1, 1965			Trade or occupation	July 1, 1964		July 1, 1965		
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹		
			Insurance ²	Pension	Vacation pay ³				Insurance ²	Pension	Vacation pay ³
TOPEKA, KANS.—Continued						TULSA, OKLA.					
Journeyman—Continued						Journeyman					
Glaziers	\$3.715	\$3.770	12½¢	-	-	Asbestos workers	\$4.425	\$4.450	12½¢	-	-
Lathers	4.000	4.125	-	-	-	Boilermakers	4.200	4.400	10¢	10¢	-
Mosaic and terrazzo workers	3.950	3.950	-	-	-	Bricklayers	4.350	4.350	-	-	5%
Painters	3.500	3.600	10¢	-	-	Carpenters	3.800	3.800	10¢	-	-
Spray	3.900	4.000	10¢	-	-	Millwrights	4.125	4.125	10¢	-	-
Swing stage	4.900	5.000	10¢	-	-	Piledrivers	3.925	3.925	10¢	-	-
Steel to 50 feet	3.750	3.850	10¢	-	-	Residential	2.800	2.800	10¢	-	-
Over 50 feet	4.250	4.350	10¢	-	-	Cement finishers	3.970	4.070	-	-	-
Pipefitters	4.415	4.565	15¢	-	-	Residential	3.400	3.500	-	-	-
Plasterers	4.150	4.275	-	-	-	Electricians (inside wiremen)	4.300	4.425	-	1%	-
Plumbers	4.415	4.565	15¢	-	-	Elevator constructors	4.120	4.250	7½¢	10½¢	(*)
Rodmen	4.025	4.225	12½¢	-	-	Engineers—Power equipment operators:					
Roofers, composition	3.450	3.550	12½¢	-	-	Air compressors:					
Roofers, slate and tile	3.450	3.550	12½¢	-	-	1-2	3.125	3.250	-	-	-
Sheet-metal workers	3.830	4.030	10¢	-	-	3-6	3.600	3.750	-	-	-
Stonemasons	4.200	4.300	12½¢	-	-	Bulldozers, D-4 and larger	3.850	4.000	-	-	-
Structural-iron workers	4.175	4.375	12½¢	-	-	Cranes, derricks, draglines	3.950	4.150	-	-	-
Tile layers	3.850	3.900	-	-	-	Hoists:					
Helpers and laborers						Helpers and laborers					
Bricklayers' tenders	2.750	2.850	12½¢	-	-	1 drum	3.600	3.750	-	-	-
Building laborers	2.600	2.700	12½¢	-	-	2 drums	3.850	4.000	-	-	-
Elevator constructors' helpers	2.940	2.980	7½¢	10½¢	(*)	Mixers:					
Marble setters' helpers	2.600	2.650	-	-	-	18 cubic feet and over	3.600	3.750	-	-	-
Plasterers' laborers	2.800	2.900	12½¢	-	-	Less than 18 cubic feet	3.125	3.250	-	-	-
Plumbers' laborers	2.600	2.700	12½¢	-	-	Pumps:					
Terrazzo workers' helpers	2.600	2.650	-	-	-	1-2	3.125	3.250	-	-	-
Base machine	2.900	2.950	-	-	-	3-6	3.600	3.750	-	-	-
Floor machine	2.700	2.750	-	-	-	Rollers, locomotive	3.600	3.750	-	-	-
Tile layers' helpers	2.600	2.650	-	-	-	Scrapers	3.850	4.000	-	-	-
TRENTON, N. J.						Glaziers					
Journeyman						Lathers					
Asbestos workers	4.850	5.100	15¢	15¢	-	Mosaic and terrazzo workers	3.950	4.100	-	-	-
Bricklayers	4.900	5.050	15¢	20¢	-	Painters	3.700	3.750	-	-	-
Carpenters	4.650	4.800	15¢	20¢	-	Spray	4.350	4.400	-	-	-
Cement finishers	4.900	5.050	15¢	20¢	-	Swing stage	4.100	4.150	-	-	-
Electricians (inside wiremen)	185.300	185.300	15¢	1%+20¢	-	Residential	2.750	2.800	-	-	-
Elevator constructors	4.730	4.910	7½¢	10½¢	(*)	Spray	3.000	3.050	-	-	-
Engineers—Power equipment operators:						Paperhangers	3.700	3.750	-	-	-
Building construction:						Pipefitters	4.310	4.430	-	-	-
Heavy equipment:						Plasterers	4.125	4.250	-	-	-
Cranes, derricks	6.200	21 6.200	10¢	20¢	-	Plumbers	4.310	4.430	-	-	-
Side booms, winch trucks	5.550	21 5.550	10¢	20¢	-	Rodmen	4.000	4.000	10¢	-	-
Hoists, portable	5.350	21 5.350	10¢	20¢	-	Roofers, composition	3.550	3.650	-	-	-
Compressors	4.950	21 4.950	10¢	20¢	-	Roofers, slate and tile	3.550	3.650	-	-	-
Bulldozers, tractors	4.750	21 4.750	10¢	20¢	-	Sheet-metal workers	4.150	4.300	10¢	-	-
Glaziers	4.430	4.630	-	-	-	Stonemasons	4.350	4.350	-	-	5%
Lathers	4.600	4.700	15¢	10¢	-	Structural- and ornamental-iron workers	4.000	4.000	10¢	-	-
Marble setters	4.900	5.050	15¢	20¢	-	Tile layers	3.950	4.100	-	-	-
Mosaic and terrazzo workers	4.900	5.050	15¢	20¢	-	Helpers and laborers					
Painters	4.125	4.375	15¢	-	-	Bricklayers' tenders	2.950	3.050	-	-	-
Roller, spray	5.150	5.400	15¢	-	-	Building laborers	2.800	2.900	-	-	-
Paperhangers	4.850	5.100	15¢	-	-	Residential	1.900	2.000	-	-	-
Pipefitters	5.250	5.250	20¢	30¢	-	Elevator constructors' helpers	2.880	2.975	7½¢	10½¢	(*)
Plasterers	4.900	5.050	15¢	20¢	-	Plasterers' laborers	2.950	3.050	-	-	-
Plumbers	5.250	5.250	20¢	30¢	-	WASHINGTON, D. C.					
Rodmen	5.350	5.600	18½¢	11½¢	-	Journeyman					
Roofers, composition	4.950	5.100	15¢	20¢	-	Asbestos workers	4.925	13 4.850	15¢	15¢	-
Roofers, slate and tile	4.950	5.100	15¢	20¢	-	Boilermakers	4.600	4.750	10¢	20¢	-
Sheet-metal workers	5.050	5.200	15¢	20¢	-	Bricklayers	4.900	5.000	-	-	-
Stonemasons	4.900	5.050	15¢	20¢	-	Residential	4.550	5.000	10¢	-	-
Structural-iron workers	5.350	5.600	18½¢	11½¢	-	Carpenters	3.975	4.100	9¢	15¢	-
Tile layers	4.900	5.050	15¢	20¢	-	Piledrivers and millwrights	4.100	4.225	9¢	15¢	-
Helpers and laborers						Residential					
Building laborers	3.450	3.650	10¢	15¢	-	Cement finishers	3.375	3.500	9¢	15¢	-
Elevator constructors' helpers	3.310	3.440	7½¢	10½¢	(*)	Electricians (inside wiremen)	4.900	4.900	15¢	1%+15¢	-
Plasterers' laborers	3.550	3.750	10¢	15¢	-	Elevator constructors	4.620	4.850	7½¢	10½¢	(*)
Terrazzo workers' helpers	3.700	3.800	-	-	-						
Tile layers' helpers	3.600	3.750	-	-	-						

See footnotes at end of table.

Table 15. Union Scales of Wages and Hours and Employer Insurance, Pension, and Vacation Payments for Building Trades in 68 Cities, July 1, 1964, and July 1, 1965—Continued

Trade or occupation	July 1, 1964	July 1, 1965			Trade or occupation	July 1, 1964	July 1, 1965				
	Rate per hour	Rate per hour	Employer contribution to fund ¹			Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insurance ²	Pension				Vacation pay ³	Insurance ²	Pension	Vacation pay ³
WASHINGTON, D.C.— Continued					WASHINGTON, D.C.— Continued						
<u>Journeyman—Continued</u>					<u>Journeyman—Continued</u>						
Engineers—Power equipment operators:					Plasterers.....	\$4.300	\$4.450	15¢	15¢	-	-
Heavy equipment:					Plumbers.....	4.910	4.910	17½¢	-	-	-
Cranes, shovels, piledrivers.....	\$4.470	\$4.610	12½¢	10¢	Rodmen.....	4.450	4.600	15¢	10¢	-	-
Medium equipment:					Roofers, composition.....	3.350	3.450	10¢	-	-	-
Hoists, single or double drum.....	4.470	4.610	12½¢	10¢	Roofers, slate and tile.....	3.850	3.950	10¢	-	-	-
Trench machines.....	4.060	4.270	12½¢	10¢	Sheet-metal workers.....	4.910	4.760	15¢	15¢	-	-
Light equipment:					Stonemasons.....	4.875	4.900	15¢	25¢	-	-
Compressors, pumps.....	3.890	4.030	12½¢	10¢	Structural-iron workers.....	4.800	4.950	20¢	15¢	-	-
Bulldozers.....	3.870	4.010	12½¢	10¢	Tile layers.....	4.475	4.475	11¢	12½¢	-	-
Glaziers.....	4.240	4.390	12¢	10¢							
Lathers.....	4.300	4.450	15¢	15¢	<u>Helpers and laborers</u>						
Machinists.....	4.500	4.500	11¢	-	Building laborers.....	2.825	2.875	9¢	8½¢	-	-
Marble setters.....	4.875	4.900	15¢	25¢	Residential.....	2.025	2.125	7½¢	-	-	-
Mosaic and terrazzo workers.....	4.475	4.475	11¢	12½¢	Composition roofers' helpers.....	2.800	2.900	10¢	-	-	-
Painters.....	4.180	4.370	12¢	-	Elevator constructors' helpers.....	3.230	3.395	7½¢	10½¢	(*)	(*)
Bridge, structural steel, swing stage.....	4.510	4.700	12¢	-	Marble setters' helpers.....	3.475	3.600	(*)	-	-	-
Paperhangers.....	4.180	4.370	12¢	-	Plasterers' laborers.....	3.150	3.300	10¢	-	-	-
Pipefitters.....	4.960	4.960	12½¢	-	Plumbers' laborers.....	2.900	2.900	10¢	10¢	-	-
Refrigeration and air-conditioning fitters.....	4.260	4.260	12½¢	-	Terrazzo workers' helpers.....	3.475	3.475	9½¢	12½¢	-	-
Sprinkler fitters.....	4.275	4.425	11¢	10¢	Tile layers' helpers.....	3.475	3.475	9½¢	12½¢	-	-

¹ Shown in terms of cents 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.

² 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.

³ Payments are to a fund unless otherwise indicated.

⁴ 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.

⁵ Part of the negotiated scale; not included in basic scale shown.

⁶ After 1 year of service, 1 week.

⁷ After 1 year of service, 1 week; after 5 years of service, 2 weeks.

⁸ Contract provides for this benefit; amount of payment not reported separately.

⁹ 37½-hour workweek.

¹⁰ For each 20 days worked in previous year, 1 day, not to exceed 2 weeks.

¹¹ For each 30 calendar days on active payroll, 1 day, not to exceed 2 weeks.

¹² To worker each pay period as part of the negotiated scale; not included in basic scale shown.

¹³ Part of basic scale transferred to insurance, pension, and/or vacation funds.

¹⁴ 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.

¹⁵ Part of the negotiated scale, not included in basic scale shown; includes contribution for vacation and sick benefit, separate data not available.

¹⁶ 38½-hour workweek.

¹⁷ To worker each pay period in addition to negotiated basic scale.

¹⁸ 35-hour workweek.

¹⁹ Includes contribution for vacation and holidays; separate data not available.

²⁰ To worker at time of vacation.

²¹ This rate in effect prior to July 1, 1965; new scale in negotiation at time of survey.

²² Employer contribution 5 cents per roll of wallpaper.

²³ After 1 year of service, 2 percent of gross earnings; after 5 years of service, 4 percent of gross earnings.

²⁴ Scale decrease between July 1, 1964, and July 1, 1965.

²⁵ After 1 year of service, 1 week; after 2 years of service, 2 weeks; after 10 years of service, 3 weeks.

²⁶ Includes contribution for insurance and vacation; separate data not available.

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

²⁸ After 5 years of service with 1,500 hours worked in previous year, 2 weeks at previous year's scale; if worked less than 1,500 hours, vacation is prorated.

²⁹ 42½-hour workweek.

³⁰ 38¾-hour workweek.

³¹ 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; and after 17 years, 15 days' vacation.

³² 25-hour workweek.

³³ 30-hour workweek.

³⁴ 1 day of vacation for every 20 days worked.

³⁵ 1 hour of vacation accumulated for each 40 hours worked.

³⁶ After 1 year of service, 2 percent of hourly rate for all straight-time hours worked; after 4 years of service, 4 percent of hourly rate for all straight-time hours worked; after 15 years of service, 6 percent of hourly rate for all straight-time hours worked.

³⁷ After 1 year of service with 1,200 hours worked, 1 week; after 3 years of service, 2 weeks.

³⁸ Information not available for rate and hours on July 1, 1964.

³⁹ After 1 year of service with minimum of 1,600 hours worked, 1 week; after 5 years of service, 2 weeks.

⁴⁰ ½ day of vacation for each month in which 12 days are worked for the same employer; maximum 5 days from a single employer.

⁴¹ After 4 years of service, 6 percent of hourly rate for all hours worked.

⁴² After 1 year of service, 1 week; after 2 years of service, 2 weeks; and after 12 years of service, 3 weeks.

⁴³ After 1 year of service, 2 weeks.

⁴⁴ After 6 months of service, 1 week; after 1 year of service, 2 weeks.

⁴⁵ 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.

⁴⁶ Up to 1 year, 2 hours pay per week; after 1 year, 80 hours pay.

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