

Union Wages and Hours: Building Trades

July 1, 1952

Bulletin No. II24

UNITED STATES DEPARTMENT OF LABOR
Martin P. Durkin - Secretary

BUREAU OF LABOR STATISTICS
Ewan Clague - Commissioner



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Letter of Transmittal

UNITED STATES DEPARTMENT OF LABOR,
Bureau of Labor Statistics,
Washington, D. C., January 21, 1953.

The Secretary of Labor:

I have the honor to transmit herewith the annual report on union wages and hours in the building trades in 77 cities as of July 1, 1952.

This report was prepared in the Bureau's Division of Wages and Industrial Relations by Alexander Moros.

Ewan Clague, Commissioner.

Hon. Martin P. Durkin,
Secretary of Labor

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Union Wages and Hours in the Building Trades, July 1, 1952

Summary

Hourly wage scales of unionized building trades workers advanced 6.2 percent between July 1, 1951, and July 1, 1952, to reach a new peak as construction activity continued at record levels, according to the Bureau of Labor Statistics' forty-sixth annual survey of union scales in the construction trades. On July 1, 1952, union hourly scales for all building trades workers averaged \$2.57; for journeymen, \$2.76; and for helpers and laborers, \$1.84. The wage scales of about four-fifths of the union construction workers were increased by collective-bargaining agreements during the year.

Straight-time weekly hours have remained constant for the past 3 years, averaging 39.3 for all building trades. The most common straight-time schedule was a 5-day, 40-hour workweek, affecting about seven of every eight union building trades workers studied.

Scope and Method of Study

The information presented in this report is based on union scales in effect on July 1, 1952, and covers approximately 730,000 journeymen and 190,000 helpers and laborers in 77 cities ranging in population from about 40,000 to more than a million. Data were obtained primarily by mail questionnaire from local union officials; in some cities Bureau representatives visited local union officials to obtain the desired information.

Union scales are defined as the minimum wage scales or maximum schedules of hours agreed upon through collective bargaining between trade unions and employers. Rates in excess of the negotiated minimum, which may be paid for special qualifications or other reasons, are not included.

Because all rate changes in the building construction industry require the approval of the Construction Industry Stabilization Commission, only those rates approved by the Commission were included in the study.

Average hourly scales, designed to show current levels, are based on all scales reported in effect on July 1, 1952, in the cities covered. Individual scales are weighted by the number of union members reported at each rate. These averages are not designed for close year-to-year comparisons because of fluctuations in membership and in classifications studied.

Average cents-per-hour and percent changes from July 1, 1951, to July 1, 1952, are based on comparable quotations for the various occupational classifications in both years weighted by the membership reported in 1952.

Trend of Union Wage Scales

The index of hourly union scales 1/ on a 1947-49 base advanced to 125.1 on July 1, 1952, for all trades, an increase of 6.2 percent over the preceding July. The increase reflected gains of 6.1 percent for journeymen and 6.5 percent for helpers and laborers (table 1).

During the 12-month period ending July 1, 1952, union scales of all building trades workers advanced, on the average, 15 cents an hour. Journeymen's scales increased 16 cents an hour, while helpers and laborers showed a rise of 11 cents (table 3).

Average increases of 12 to 16 cents an hour were registered by half of the journeymen trades studied. Among the crafts gaining 16 cents an hour were carpenters, electricians, painters, plumbers, and steam and sprinkler fitters. The highest increase (25 cents) was recorded for bricklayers. Lathers, tile layers, and mosaic and terrazzo workers were the only trades to show advances of less than 11 cents.

Of the nine helpers and laborers classifications included in the survey, bricklayers' tenders and composition roofers' helpers showed the greatest gain (13 cents) and elevator constructors' helpers, the smallest (7 cents). Percentagewise, increases for all crafts ranged from 3.2 to 8.5 percent; most trades, however, registered advances between 4 and 7 percent.

As a result of labor-management contract negotiations, hourly scales of five-sixths of the unionized journeymen and three-fourths of the helpers and laborers were raised during the year. Of the journeymen benefiting from scale increases, 3 of every 8 received from 15 to 20 cents an hour; 1 of every 7, from 10 to 15 cents; 1 of every 9, from 20 to 25 cents; and 1 of every 5, from 25 to 30 cents an hour. Of the helpers and laborers whose wage scales were

1/ In the index series, designed for trend purposes, year-to-year changes in union scales are based on comparable quotations for each trade in two consecutive years. These quotations are weighted by the number of union members reported in the current year.

adjusted, 3 of every 8 gained from 10 to 15 cents, 2 of every 9 advanced from 15 to 20 cents, and a similar proportion from 20 to 25 cents (table 5).

The upward adjustments during the year amounted to less than 5 percent for an eighth of the journeymen receiving scale increases; from 5 to 10 percent for seven-tenths, and from 10 to 15 percent for a seventh. Nearly half of the helpers and laborers receiving increases recorded scale advances of from 5 to 10 percent, a third from 10 to 15 percent, and a ninth from 15 to 20 percent (table 4).

Hourly Wage Scales, July 1, 1952

In general, construction industry wage scales are somewhat higher than those prevailing in other industries. Some of the contributing factors underlying this condition are irregularity of employment and some types of working conditions not encountered by employees of comparable skill in most other industries.

Journeymen's union scales on July 1, 1952, ranged from less than \$1.90 to more than \$3.50 an hour, and averaged \$2.76. Negotiated agreements providing for wage scales of \$2.40 to \$3.20 an hour affected four of every five journeymen. Bricklayers were the highest paid craft with an average hourly scale of \$3.19 and glaziers, averaging \$2.44 an hour, were the lowest. In three other crafts with levels of \$3 or more an hour were lathers (\$3), plasterers (\$3.10), and stonemasons (\$3.15). Roofers, painters, and paperhangars were the other journeymen crafts studied which had average scales of less than \$2.60 an hour (table 7).

Scales of all helper and laborer classifications averaged \$1.84 an hour and varied from \$1.65 for composition roofers' helpers to \$2.11 for terrazzo workers' helpers. Building laborers, the only other group below the national level, averaged \$1.75 an hour. Individual scales of three-fourths of the helpers and laborers ranged from \$1.50 to \$2.30 an hour.

City and Regional Variations

Ordinarily, scale negotiations in the building trades are conducted on a locality basis. For this reason, wage scales have always varied among cities, except in cases where union jurisdiction covers broad geographic areas. Local variations in building activity, and hence variations in demand for skilled labor, may also influence locality differences in wage scales. The general level of wages and the extent of unionization in a locality may also tend to affect the level of building trade scales.

Scales of individual journeymen varied considerably among the 77 cities studied. For example, wage scales of electricians on July 1, 1952, ranged from \$2.01 in Portland, Maine, to \$3.45 in Newark, N. J.

Construction workers' scales were adjusted upwardly in every city included in the survey. The average hourly increase in about half the cities varied from 12 to 18 cents for journeymen and from 10 to 17 cents for helpers and laborers. Gains of 4 to 8 percent were registered by journeymen in two-thirds of the cities and by helpers and laborers in two-fifths (table 6).

Wage developments during the year undoubtedly were influenced by the continuation of construction activities at record levels. Expenditures for new construction in the first 8 months of 1952 were about 8 percent higher than in the corresponding period of 1951. 2/

Within cities, union scales for the 24 journeymen trades showed widespread variations. The following tabulation indicates the range of union scales in typical cities.

<u>City</u>	<u>Scale range</u>	<u>Differences in</u>	
		<u>Cents- per- hour</u>	<u>Per- cent</u>
Atlanta	\$1.75 - \$2.90	115	66
Boston	2.22½ - 3.00	77½	35
Chicago	2.57½ - 3.42½	85	33
Dallas	1.92½ - 3.43½	151½	79
New York	2.83 - 3.55	72	25
San Francisco	2.07½ - 3.25	117½	57

The difference between the high and low scales of the nine helper and laborer classifications was smaller than that of journeymen in each of the above cities except New York, where an 85-cent differential existed. In the other five typical cities, differences ranged from 28 cents in Boston to 83 cents in Atlanta. The differential in percentage terms, however, was the same for helpers and laborers as for journeymen in Chicago, and greater for helpers and laborers in Atlanta and New York - 83 and 45 percent, respectively.

In the 77 cities studied, average union wage scales for construction trades journeymen ranged from \$2.15 an hour in Charlotte, N. C., to \$3.27 in Newark, N. J. Two-thirds of the cities had levels of at least \$2.50; half these levels were between \$2.60 and \$2.75. New York was the only other city in which journeymen trades

2/ See Bureau of Labor Statistics' series on expenditures for new construction.

averaged more than \$3 an hour. Average scales for helpers and laborers ranged from 91 cents in Charleston, S. C., to \$2.52 in Newark, N. J. (table 8).

When the cities are grouped according to population, scale levels were higher in the more densely populated cities and descended in accordance with city size. The rate spread between journeymen and helpers and laborers in each city-size grouping closely approximated the over-all national differential of 92 cents.

Within each size group, average hourly scales of journeymen and of helpers and laborers showed considerable variation among cities constituting the group. With the exception of the group of cities having a population of 1,000,000 and over, the spread was wider for helpers and laborers than for journeymen. The differences between the highest and lowest levels were greatest in cities having a population of from 250,000 to 500,000 - 87 cents for journeymen and \$1.30 for helpers and laborers.

On a regional basis, average scales for all building trades workers varied from \$2.13 in the Southeast to \$2.78 in the Middle Atlantic region. Great Lakes was the only other region in which the level exceeded the national average of \$2.57. Thirty of the seventy-seven cities included in the study were in the Middle Atlantic and Great Lakes regions (table 9).

The wage levels for journeymen ranged from \$2.42 in the Southeast to \$3.04 in the Middle Atlantic States. With the exception of three trades - those of lathers, marble setters, and paperhanglers - journeymen scales averaged highest in the Middle Atlantic region. The lowest levels for journeymen trades were generally

found in the two southern regions. Composition roofers in the Southeast recorded the only level below \$2 for journeymen.

Union hourly scales for all helpers and laborers combined averaged highest in the Middle Atlantic and Great Lakes regions (\$2.01) and lowest in the Southeast (\$1.21). Levels in excess of \$2 occurred most frequently in the Middle Atlantic, Great Lakes, and Pacific regions, and were registered by at least six occupational groups in each of these regions. Two classifications of helpers and laborers in the Border States, and four in the Middle West region also had levels of \$2 or more.

Standard Workweek

Changes in straight-time weekly hours between July 1, 1951, and July 1, 1952, had no effect on the average workweek for all building trades workers; the average workweek has remained at 39.3 hours for the past three years. The index (100.1) was also unchanged from the previous July (table 10).

The predominant standard workweek was 40 hours; this schedule was applicable to more than 85 percent of the building trades workers studied. About 1 of every 8 journeymen and 1 of every 12 helpers and laborers were employed under contracts stipulating a 35-hour workweek. Such schedules were more common for bricklayers, lathers, painters, and bricklayers' tenders than for other trades. Straight-time workweeks of 30 hours prevailed for a fifth of the plasterers and a ninth of the plasterers' laborers (table 12).

Union Scales by City and Trade

Union scales of wages and hours, in effect on July 1, 1951, and July 1, 1952, for the individual trades in each of the 77 cities included in the study are presented in table 14.

TABLE 1.--Indexes of union hourly wage rates in the building trades, 1907-52
(Average 1947, 1948, and 1949 = 100)

Date	All trades	Journeymen	Helpers and laborers	Date	All trades	Journeymen	Helpers and laborers
1907: May 15	18.2	19.0	14.5	1930: May 15	60.4	62.2	49.7
1908: May 15	19.4	20.2	15.2	1931: May 15	60.6	62.4	49.4
1909: May 15	20.4	21.2	15.7	1932: May 15	51.8	53.4	42.2
1910: May 15	21.2	22.1	16.2	1933: May 15	50.3	51.9	40.3
1911: May 15	21.5	22.5	16.3	1934: May 15	50.7	52.2	41.5
1912: May 15	22.0	23.0	16.4	1935: May 15	51.3	52.8	41.7
1913: May 15	22.5	23.5	16.9	1936: May 15	53.1	54.6	44.1
1914: May 15	23.0	24.1	17.1	1937: May 15	56.8	58.3	48.0
1915: May 15	23.2	24.3	17.2	1938: June 1	61.8	63.4	52.8
1916: May 15	23.9	25.1	17.8	1939: June 1	62.3	63.8	53.2
1917: May 15	25.4	26.5	19.6	1940: June 1	63.3	64.7	54.3
1918: May 15	28.2	29.3	22.7	1941: June 1	65.6	67.0	56.9
1919: May 15	32.3	33.4	26.2	1942: July 1	69.7	70.8	62.5
1920: May 15	43.6	44.7	38.1	1943: July 1	70.2	71.2	63.3
1921: May 15	44.4	45.6	38.4	1944: July 1	70.8	71.7	64.0
1922: May 15	41.7	42.9	35.0	1945: July 1	72.2	73.0	67.0
1923: May 15	46.0	47.4	37.1	1946: July 1	80.5	80.9	77.9
1924: May 15	49.7	51.1	40.1	1947: July 1	92.1	92.3	91.1
1925: May 15	51.6	53.0	41.5	1948: July 1	101.8	101.7	102.6
1926: May 15	55.0	56.6	45.2	1949: July 1	106.1	106.0	106.4
1927: May 15	56.9	58.5	46.0	1950: July 1	110.7	110.5	112.2
1928: May 15	57.2	59.0	46.5	1951: July 1	117.8	117.4	119.9
1929: May 15	58.0	59.7	47.3	1952: July 1	125.1	124.6	127.7

TABLE 2.—Indexes of union hourly wage rates in each building trade, 1907-52
(Average 1947, 1948, and 1949 = 100)

Date	Asbes-tos workers	Boiler-makers	Brick-layers	Car-penters	Cement finishers	Electri-cians (inside wiremen)	Eleva-tor con-structors	Gla-ziers	Lath-ers	Ma-chinists	Marble setters	Mosaic and ter-razzo workers	Paint-ers	Paper-hangers	Plas-terers
1907: May 15	-	-	23.3	18.5	22.0	18.1	-	-	-	-	24.6	-	17.1	-	24.9
1908: May 15	-	-	23.9	19.7	21.9	19.7	-	-	-	-	24.8	-	19.0	-	24.8
1909: May 15	-	-	24.4	20.7	22.5	20.4	-	-	-	-	25.0	-	20.3	-	25.0
1910: May 15	-	-	24.9	21.7	22.8	21.0	-	-	-	-	25.3	-	21.6	-	25.3
1911: May 15	-	-	24.9	22.0	23.7	21.2	-	-	-	-	25.6	-	22.0	-	25.4
1912: May 15	-	-	25.2	22.5	23.7	21.4	-	-	21.7	-	25.6	-	22.2	-	26.0
1913: May 15	-	-	25.7	22.8	24.2	21.9	-	-	22.3	-	27.3	-	23.2	-	26.2
1914: May 15	-	-	26.3	23.2	24.4	22.6	25.7	-	22.6	-	27.6	-	24.0	-	26.3
1915: May 15	-	-	26.4	23.5	24.7	23.0	25.8	-	23.0	-	27.9	-	24.1	-	26.4
1916: May 15	23.6	-	26.6	24.2	24.9	23.5	26.5	-	23.6	-	28.0	22.1	26.3	-	27.4
1917: May 15	24.8	-	27.5	26.3	26.4	25.1	28.4	-	24.5	-	28.0	23.3	27.1	-	28.2
1918: May 15	27.8	-	29.6	29.2	29.1	27.8	30.2	26.6	26.5	-	29.5	25.2	29.9	-	29.7
1919: May 15	33.8	-	32.9	33.6	26.2	31.9	35.1	28.4	29.5	-	32.8	27.1	35.0	-	34.2
1920: May 15	43.9	-	44.8	45.0	44.3	42.1	45.2	41.1	42.0	-	43.3	40.0	47.7	-	44.7
1921: May 15	44.5	-	44.5	45.4	45.8	43.6	47.5	41.9	42.6	-	44.0	40.8	49.1	-	47.2
1922: May 15	41.4	-	43.3	42.0	42.5	41.1	44.4	41.9	40.1	-	43.1	39.6	46.0	-	45.3
1923: May 15	43.0	-	49.0	46.9	46.5	42.7	47.2	44.5	44.3	-	48.7	40.5	50.4	-	50.5
1924: May 15	48.0	-	51.5	50.1	51.4	47.6	53.0	46.9	47.7	-	51.0	47.8	53.1	-	56.5
1925: May 15	49.9	-	54.9	51.2	51.6	50.1	55.5	52.2	52.0	-	52.0	50.3	56.0	-	57.5
1926: May 15	53.4	-	58.2	54.9	55.1	52.8	58.5	52.9	53.4	-	58.2	51.4	59.4	-	61.7
1927: May 15	56.0	-	59.7	56.7	57.6	55.0	60.6	56.5	55.5	-	59.4	53.4	61.4	-	63.0
1928: May 15	56.4	-	60.1	56.9	57.0	55.5	61.2	57.1	55.7	-	59.7	56.0	62.4	-	63.2
1929: May 15	59.0	-	61.5	57.8	57.0	57.8	61.4	58.0	55.3	-	63.9	58.7	62.2	-	62.4
1930: May 15	62.4	-	63.0	60.1	60.7	58.9	64.2	60.7	57.6	-	64.1	61.5	65.8	-	65.5
1931: May 15	63.0	-	62.9	60.3	61.0	59.6	64.6	61.1	57.3	-	64.5	62.0	66.0	-	65.4
1932: May 15	52.5	-	53.8	49.4	53.2	56.9	60.1	51.1	51.5	-	59.0	57.7	55.8	-	54.3
1933: May 15	52.4	-	52.4	49.3	52.0	52.0	55.8	51.0	49.6	-	57.1	52.6	54.7	-	52.2
1934: May 15	52.3	-	52.6	50.1	52.5	52.1	56.0	54.1	50.9	-	56.8	53.3	53.8	-	52.8
1935: May 15	53.0	-	51.8	50.8	52.8	54.6	56.0	54.6	51.5	-	57.2	53.3	54.0	-	53.4
1936: May 15	55.1	-	52.1	53.4	54.1	56.0	56.7	55.4	52.7	-	57.5	53.4	56.7	-	53.7
1937: May 15	59.4	61.0	55.8	56.8	58.1	58.5	58.9	60.7	56.3	59.7	60.8	56.0	60.8	63.7	59.2
1938: June 1	65.0	67.3	61.6	61.9	63.4	64.4	66.1	65.1	62.3	63.6	66.0	62.2	64.9	64.8	66.2
1939: June 1	65.4	67.8	61.9	62.1	63.7	64.7	67.2	65.5	64.3	63.7	66.2	63.1	65.4	65.1	66.8
1940: June 1	66.1	68.8	63.2	63.6	64.2	65.8	68.2	66.2	64.8	64.0	67.3	63.4	65.5	65.6	67.1
1941: June 1	68.5	70.1	64.7	65.0	66.5	68.8	69.8	68.3	67.2	65.8	67.5	64.0	69.9	70.0	68.2
1942: July 1	73.5	74.5	67.0	69.6	70.5	73.5	73.7	71.3	70.2	69.1	68.7	66.0	72.2	73.1	70.1
1943: July 1	73.7	74.6	67.3	69.8	71.3	73.7	74.4	71.8	70.2	70.7	69.0	67.1	73.5	73.3	70.2
1944: July 1	74.1	74.6	68.1	70.4	72.0	74.3	74.8	72.2	70.8	71.1	69.8	68.0	74.2	74.3	70.7
1945: July 1	74.9	75.3	69.7	71.6	72.7	75.7	75.3	73.5	71.7	71.1	72.4	69.3	75.2	74.6	71.8
1946: July 1	82.2	81.3	77.7	80.5	81.6	80.9	80.2	80.8	79.9	79.3	80.4	78.4	83.2	83.0	79.4
1947: July 1	91.3	90.8	89.9	92.8	91.9	91.2	91.8	93.0	92.9	91.8	91.6	92.1	93.1	94.6	93.0
1948: July 1	100.7	101.8	102.5	102.2	102.6	100.0	100.8	101.9	101.5	101.3	102.4	100.9	100.0	98.9	
1949: July 1	108.0	107.5	107.7	104.9	105.6	108.8	107.4	105.2	105.6	107.0	106.2	105.6	106.0	105.4	108.1
1950: July 1	113.3	112.4	111.6	110.1	110.0	111.5	112.6	111.0	115.5	108.6	110.0	111.3	109.6	109.6	113.0
1951: July 1	119.9	118.2	116.3	117.4	117.0	120.0	118.8	116.5	120.9	115.2	113.7	118.2	116.8	116.8	118.5
1952: July 1	125.3	125.8	126.2	124.6	122.4	126.8	123.5	121.8	125.0	120.3	121.8	122.0	124.4	123.9	125.3

TABLE 2.--Indexes of union hourly wage rates in each building trade, 1907-52 - Continued
(Average 1947, 1948, and 1949 = 100)

Date	Plumb- ers	Rodmen	Roof- ers, compo- sition	Roof- ers, slate and tile	Sheet- metal workers	Steam and sprink- ler fitters	Stone- masons	Struc- tural- iron workers ^{1/}	Tile layers	Brick- layers, tenders	Building laborers	Com- position roofer's helpers	Plas- terers' laborers	Plumb- ers' laborers	Tile layers' helpers
1907: May 15	21.5	-	-	-	19.1	19.9	20.9	18.8	-	16.8	15.7	-	18.5	-	-
1908: May 15	21.8	-	-	-	19.5	20.1	21.2	20.5	-	16.8	15.8	-	19.3	-	-
1909: May 15	22.1	-	-	-	19.6	22.9	21.3	21.9	-	16.8	16.0	-	19.5	-	-
1910: May 15	22.3	-	-	-	20.2	21.2	21.5	23.4	-	17.1	16.5	-	19.6	-	-
1911: May 15	23.6	-	-	-	20.8	21.9	21.7	23.9	-	17.3	16.6	-	19.6	-	-
1912: May 15	23.7	-	-	-	21.3	22.3	21.9	24.3	24.5	17.4	16.7	-	19.9	-	18.2
1913: May 15	24.5	-	-	-	22.2	23.1	22.6	25.1	25.8	17.6	17.5	-	20.4	-	18.5
1914: May 15	24.8	-	18.7	22.9	23.0	23.6	23.3	25.6	25.9	17.8	17.6	-	20.8	-	18.7
1915: May 15	25.0	-	19.3	23.8	23.3	24.1	23.6	25.6	26.0	18.0	17.7	-	20.8	-	19.3
1916: May 15	25.2	-	19.4	24.5	23.7	24.5	23.9	26.0	26.4	18.5	18.5	-	21.4	-	20.0
1917: May 15	26.1	-	20.5	26.1	24.8	25.5	24.8	27.5	27.7	20.6	20.5	-	22.8	-	20.5
1918: May 15	28.2	-	23.2	28.6	29.0	27.8	27.2	31.5	28.5	24.0	24.0	-	26.3	-	21.2
1919: May 15	32.6	-	25.8	32.6	32.0	31.3	30.5	35.5	31.1	28.1	27.2	-	30.0	-	25.7
1920: May 15	42.2	-	36.7	42.1	42.9	41.3	42.5	45.0	41.8	40.9	39.4	-	43.5	-	42.0
1921: May 15	44.1	-	38.4	45.8	44.5	41.8	43.6	45.8	41.5	41.1	39.7	-	44.9	-	42.4
1922: May 15	41.0	-	36.8	43.8	41.2	40.8	40.6	41.6	40.8	34.1	37.3	-	39.4	-	39.9
1923: May 15	45.3	-	37.2	48.9	44.4	42.9	48.0	44.4	44.6	37.2	38.0	-	43.4	-	40.8
1924: May 15	49.3	-	43.1	54.1	48.8	49.2	50.9	50.2	50.6	38.9	42.3	-	46.7	-	44.4
1925: May 15	50.4	-	44.5	56.6	50.4	51.7	51.8	50.8	51.8	43.4	40.4	-	49.8	-	45.6
1926: May 15	54.3	-	48.3	58.5	53.8	56.0	57.1	54.6	54.3	47.4	44.4	-	52.7	-	49.5
1927: May 15	55.4	-	49.7	61.2	55.5	57.6	57.9	58.4	56.9	48.5	44.6	-	53.2	-	50.0
1928: May 15	56.5	-	50.8	61.4	54.4	58.5	58.6	58.6	56.8	48.5	44.8	-	54.1	-	51.1
1929: May 15	57.0	-	51.8	62.0	56.5	58.8	60.2	59.0	57.4	50.6	45.0	-	54.3	-	50.3
1930: May 15	59.2	-	54.9	64.0	59.1	61.7	61.1	62.3	60.0	52.6	47.5	-	57.5	-	54.6
1931: May 15	59.9	-	55.3	64.2	60.0	62.0	61.4	62.9	60.7	52.4	46.8	-	57.3	-	54.6
1932: May 15	52.1	-	48.3	55.7	52.0	53.4	54.5	54.5	52.3	43.4	40.2	-	47.6	-	48.2
1933: May 15	51.6	-	47.3	54.4	50.5	51.9	50.9	53.9	50.7	42.9	37.9	-	44.8	-	46.0
1934: May 15	52.1	-	48.2	54.1	50.7	52.5	50.8	54.6	50.7	45.7	39.3	-	46.0	-	46.0
1935: May 15	52.9	-	49.5	55.5	51.1	53.3	50.7	55.1	51.1	44.3	39.9	-	46.8	-	47.6
1936: May 15	54.3	-	49.8	55.9	52.1	55.1	51.3	56.5	52.1	46.6	43.3	-	47.7	-	48.3
1937: May 15	57.2	58.2	53.7	60.1	55.9	58.1	56.6	61.7	55.8	50.2	47.4	54.5	52.0	-	50.9
1938: June 1	64.1	63.9	59.5	64.1	61.5	65.5	61.5	66.6	61.1	55.2	50.8	57.9	58.7	54.1	56.1
1939: June 1	64.7	64.5	59.7	64.7	62.4	66.0	61.6	67.3	61.2	55.4	51.1	58.1	59.2	55.6	56.3
1940: June 1	65.7	65.3	61.1	65.8	63.5	66.2	61.3	67.6	61.3	57.5	51.9	60.2	59.3	58.2	56.4
1941: June 1	68.6	68.6	63.6	67.3	66.5	68.2	62.9	70.8	62.2	59.4	55.0	62.4	60.6	61.4	57.7
1942: July 1	71.5	71.6	69.3	73.2	72.4	72.1	66.6	73.2	65.2	64.1	61.1	69.0	65.1	65.8	61.6
1943: July 1	71.7	72.0	69.6	73.8	72.6	72.5	66.8	73.5	66.2	64.5	62.0	69.4	65.6	66.2	62.3
1944: July 1	72.1	72.3	70.0	74.2	73.1	72.9	67.2	73.9	66.8	65.0	57.7	71.4	66.0	67.7	62.5
1945: July 1	73.7	73.8	70.9	75.7	73.9	75.4	68.7	75.1	69.0	67.5	66.4	71.4	68.4	69.4	63.4
1946: July 1	79.7	81.5	79.0	82.3	83.0	82.2	78.0	81.7	78.1	78.5	77.8	80.7	77.1	79.1	73.5
1947: July 1	92.4	91.6	91.8	91.3	91.6	91.8	89.4	91.8	91.3	91.7	90.9	89.3	91.1	90.6	90.5
1948: July 1	102.3	101.9	101.8	101.5	102.6	101.8	102.3	102.3	102.1	102.8	102.6	102.5	102.5	101.3	102.5
1949: July 1	105.3	106.5	106.5	107.2	105.8	106.4	108.3	106.0	106.6	105.5	106.5	108.2	106.4	108.1	107.0
1950: July 1	107.8	110.7	110.9	109.7	111.0	111.0	115.3	111.0	109.0	112.7	112.4	113.6	110.1	112.9	110.6
1951: July 1	114.2	118.1	117.5	118.2	117.4	117.8	119.3	118.3	116.6	118.5	120.4	121.9	120.7	120.7	118.1
1952: July 1	121.0	124.2	123.8	125.0	126.2	124.8	127.8	123.8	121.1	126.3	128.6	132.2	128.0	126.3	123.8

1/ Included rodmen prior to 1940.

TABLE 3.--Increases in rates in the building trades, July 1, 1951 - July 1, 1952, and average union hourly wage rates, July 1, 1952

Trade	Amount of increase July 1, 1951 - July 1, 1952		Range of rates July 1, 1952		Average rate per hour July 1, 1952	Trade	Amount of increase July 1, 1951 - July 1, 1952		Range of rates July 1, 1952		Average rate per hour July 1, 1952
	Percent	Cents- per-hour	Low	High			Percent	Cents- per-hour	Low	High	
All building trades	6.2	15	-	-	\$2.57	Journeymen: - Continued					
Journeymen	6.1	16	-	-	2.76	Roofers, composition	5.4	13	\$1.55	\$3.29	\$2.55
Asbestos workers	4.5	12	\$2.09	\$3.10	2.74	Roofers, slate and tile ..	5.7	14	1.70	3.50	2.54
Boilermakers	6.4	17	1.90	3.30	2.78	Sheet-metal workers	7.5	19	2.00	3.25	2.72
Bricklayers	8.5	25	2.50	3.70	3.19	Steam and sprinkler fitters	5.9	16	2.04	3.25	2.85
Carpenters	6.1	16	1.93	3.40	2.68	Stonemasons	7.2	21	2.40	3.65	3.15
Cement finishers	4.6	12	1.75	3.65	2.64	Structural-iron workers	4.7	13	2.25	3.45	2.81
Electricians (inside wiremen)	5.7	16	2.01	3.45	2.88	Tile layers	3.8	10	2.25	3.50	2.82
Elevator construc- tors	4.0	11	2.40	3.06	2.83	Helpers and laborers	6.5	11	-	-	1.84
Glaziers	4.6	11	1.38	3.07	2.44	Bricklayers' tenders	6.6	13	1.00	2.60	2.02
Lathers	3.4	10	2.25	3.50	3.00	Building laborers	6.8	11	.90	2.56	1.75
Machinists	4.4	11	1.90	3.00	2.61	Composition roofers' helpers	8.4	13	.90	2.02	1.65
Marble setters	7.1	19	2.00	3.50	2.82	Elevator constructors' helpers	3.7	7	1.68	2.20	2.01
Mosaic and terrazzo workers	3.2	9	2.00	3.50	2.82	Marble setters' helpers ..	6.2	11	1.16	2.35	1.87
Painters	6.5	16	1.50	3.47	2.57	Plasterers' laborers	6.1	12	1.00	2.88	2.10
Paperhanglers	6.1	14	1.50	2.79	2.52	Plumbers' laborers	4.7	8	1.00	2.38	1.86
Plasterers	5.7	17	2.25	3.65	3.10	Terrazzo workers' helpers	4.3	9	1.23	2.69	2.11
Plumbers	5.9	16	2.19	3.25	2.88	Tile layers' helpers	4.8	9	1.00	2.45	2.03
Rodmen	5.2	13	1.92	3.45	2.64						

TABLE 4.--Percent increases in union wage rates and percent of building trades workers affected, July 1, 1951 - July 1, 1952

Trade	Percent of union workers affected by -			Percent of total workers affected by increase of -					
	Increase	Decrease	No change	Less than 5 percent	5 and under 10 percent	10 and under 15 percent	15 and under 20 percent	20 and under 25 percent	25 percent and over
All building trades	81.7	(1/)	18.3	9.3	53.9	14.8	3.4	0.2	0.1
Journeymen	83.5	(1/)	16.5	10.4	58.4	12.5	2.1	(1/)	.1
Asbestos workers	67.1	-	32.9	12.9	44.3	9.4	.5	-	-
Boilermakers	82.2	-	17.8	4.2	62.3	15.7	-	-	-
Bricklayers	87.1	-	12.9	8.7	45.2	7.3	24.9	-	1.0
Carpenters	84.6	-	15.4	8.0	67.4	9.1	.1	-	-
Cement finishers	69.6	-	30.4	8.5	58.1	3.0	(1/)	-	-
Electricians (inside wiremen)	89.7	-	10.3	22.2	60.1	7.2	.2	-	-
Elevator constructors	74.7	-	25.3	31.6	34.0	9.1	-	-	-
Glaziers	61.1	1.5	37.4	7.6	41.3	10.8	1.4	-	-
Lathers	41.1	-	58.9	7.4	17.7	6.2	9.8	-	-
Machinists	66.9	-	33.1	8.2	37.3	21.4	-	-	-
Marble setters	81.8	.3	17.9	.4	54.6	17.8	9.0	-	-
Mosaic and terrazzo workers	50.6	-	49.4	9.4	29.0	12.0	.2	-	-
Painters	90.4	-	9.6	13.1	60.9	16.0	.4	-	(1/)
Paperhanglers	84.3	.7	15.0	6.8	58.5	18.0	.5	.5	-
Plasterers	73.4	-	26.6	11.8	37.8	20.7	1.6	1.5	-
Plumbers	84.7	-	15.3	3.9	57.1	23.1	.6	-	-
Rodmen	73.6	-	26.4	13.7	47.9	11.3	.7	-	-
Roofers, composition	76.2	-	23.8	7.7	55.6	11.6	.2	-	1.1
Roofers, slate and tile	72.6	-	27.4	16.4	34.3	18.9	3.0	-	-
Sheet-metal workers	95.3	-	4.7	8.2	62.1	25.0	-	-	-
Steam and sprinkler fitters	82.4	-	17.6	8.3	50.7	22.9	.4	.1	-
Stonemasons	79.9	-	20.1	13.9	28.9	10.8	26.3	-	-
Structural-iron workers	72.4	-	27.6	19.1	43.6	8.5	1.2	-	-
Tile layers	74.5	-	25.5	25.1	41.2	6.8	1.4	-	-

See footnote at end of table.

TABLE 4.—Percent increases in union wage rates and percent of building trades workers affected, July 1, 1951 - July 1, 1952 - Continued

Trade	Percent of union workers affected by -			Percent of total workers affected by increase of -					
	Increase	Decrease	No change	Less than 5 percent	5 and under 10 percent	10 and under 15 percent	15 and under 20 percent	20 and under 25 percent	25 percent and over
Helpers and laborers	74.5	(1/)	25.5	5.2	36.3	23.6	8.5	0.6	0.3
Bricklayers' tenders	87.2	-	12.8	5.7	57.3	18.5	3.9	-	1.8
Building laborers	72.6	-	27.4	2.7	32.6	26.8	9.6	.9	-
Composition roofers' helpers	91.2	-	8.8	14.0	36.3	33.7	7.2	-	-
Elevator constructors' helpers	67.4	2.3	30.3	28.5	31.2	7.7	-	-	-
Marble setters' helpers	69.3	-	30.7	9.4	40.2	10.9	8.8	-	-
Plasterers' laborers	68.7	-	31.3	10.5	19.9	25.4	12.9	-	-
Plumbers' laborers	63.0	-	37.0	14.3	34.9	5.7	7.3	.8	-
Terrazzo workers' helpers	67.5	-	32.5	18.1	39.3	6.5	3.3	-	.3
Tile layers' helpers	77.4	-	22.6	24.5	42.5	5.3	5.1	-	-

1/ Less than 0.05 percent.

TABLE 5.—Cents-per-hour increases in union wage rates and percent of building trades workers affected, July 1, 1951 - July 1, 1952

Trade	Percent of union workers affected by increase	Percent of workers affected by increase of -								
		Less than 5 cents	5 and under 10 cents	10 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	
All building trades	81.7	0.6	5.4	15.2	28.3	11.1	14.5	4.0	1.0	1.6
Journeymen	83.5	.6	4.7	11.8	31.4	9.5	17.5	4.9	1.1	2.0
Asbestos workers	67.1	-	8.5	16.9	13.8	6.8	18.1	2.5	.5	-
Boilermakers	82.2	2.1	2.1	10.4	16.0	30.4	10.2	11.0	-	-
Bricklayers	87.1	-	2.0	7.5	13.3	2.9	11.7	23.3	.4	26.0
Carpenters	84.6	-	5.3	6.5	39.0	6.8	25.2	1.7	.1	(1/)
Cement finishers	69.6	.5	3.1	17.9	28.7	4.1	14.1	1.2	(1/)	-
Electricians (inside wiremen)	89.7	.8	5.1	28.2	17.5	6.2	31.7	-	.2	-
Elevator constructors	74.7	.3	11.8	38.0	13.8	1.8	9.0	-	-	-
Glaziers	61.1	-	3.8	10.1	21.8	11.4	13.6	.4	-	-
Lathers	41.1	-	.9	10.7	8.4	.9	6.0	3.2	1.2	9.8
Machinists	66.9	6.9	1.3	2.0	31.3	18.9	6.5	-	-	-
Marble setters	81.8	-	-	10.6	18.8	7.1	33.2	3.1	9.0	-
Mosaic and terrazzo workers	50.6	2.6	-	15.6	14.4	7.0	6.5	4.3	-	.2
Painters	90.4	1.2	7.2	9.8	39.4	21.5	10.9	.3	.1	(1/)
Paperhangers	84.3	1.9	3.0	8.7	48.9	8.0	13.0	.3	-.5	-
Plasterers	73.4	.1	.5	14.8	10.6	19.7	6.3	6.4	11.9	3.1
Plumbers	84.7	.9	1.5	16.6	39.3	1.7	8.0	13.7	3.0	-
Rodmen	73.6	.9	9.0	9.9	24.6	8.2	17.7	2.6	.2	.5
Roofers, composition	76.2	2.4	2.8	20.4	26.8	12.0	10.7	-	-	1.1
Roofers, slate and tile	72.6	3.7	11.5	7.8	14.7	14.0	17.9	-	3.0	-
Sheet-metal workers	95.3	.5	1.2	15.8	30.9	21.2	8.4	11.8	5.5	-
Steam and sprinkler fitters	82.4	.4	2.6	19.8	30.4	3.5	9.0	12.8	.1	.1
Stonemasons	79.9	-	-	27.2	10.3	2.0	4.6	.6	8.9	26.3
Structural-iron workers	72.4	.8	8.7	13.6	22.4	9.8	11.0	4.9	.4	.8
Tile layers	74.5	6.3	16.1	5.7	32.1	2.9	7.0	2.5	.7	.7
Helpers and laborers	74.5	.9	8.0	28.0	16.7	16.8	3.0	.6	.5	(1/)
Bricklayers' tenders	87.2	.5	7.4	44.3	13.0	16.3	3.3	.6	1.8	-
Building laborers	72.6	.3	6.9	26.9	17.4	18.4	2.5	.2	-	-
Composition roofers' helpers	91.2	-	29.1	2.3	46.8	5.8	7.2	-	-	-
Elevator constructors' helpers	67.4	.8	32.4	26.5	5.7	2.0	-	-	-	-
Marble setters' helpers	69.3	-	6.8	18.9	31.9	2.9	-	8.8	-	-
Plasterers' laborers	68.7	1.5	7.9	14.9	12.4	20.7	6.9	1.8	2.6	-
Plumbers' laborers	63.0	2.4	19.1	5.4	29.9	1.2	4.2	.8	-	-
Terrazzo workers' helpers	67.5	-	16.8	26.5	18.9	1.7	-	3.3	-	.3
Tile layers' helpers	77.4	17.2	7.3	24.5	20.8	2.5	.6	4.5	-	-

1/ Less than 0.05 percent.

TABLE 6.—Increases in union wage rates for major building trades groups in 77 cities, July 1, 1951 – July 1, 1952

City and state	Percent of increase			Cents-per-hour increase			City and state	Percent of increase			Cents-per-hour increase		
	All trades	Journeymen	Helpers and laborers	All trades	Journeymen	Helpers and laborers		All trades	Journeymen	Helpers and laborers	All trades	Journeymen	Helpers and laborers
All cities	6.2	6.1	6.5	14.9	15.9	11.3	Mobile, Ala.	0.8	1.0	(1/)	1.6	2.4	(1/)
Atlanta, Ga.	7.3	6.7	15.0	15.4	15.2	16.4	Newark, N. J.	5.5	5.2	8.4	16.6	16.0	19.6
Baltimore, Md.	6.9	6.7	7.7	15.4	17.1	11.0	New Haven, Conn.	8.9	9.0	8.6	20.4	22.1	14.9
Birmingham, Ala.	6.9	6.4	10.3	14.0	14.7	11.6	New Orleans, La.	7.4	6.9	10.5	14.3	15.1	11.9
Boston, Mass.	4.4	3.9	6.3	10.5	10.1	11.5	New York, N. Y.	4.4	4.7	2.4	12.5	14.1	5.2
Buffalo, N. Y.	9.3	9.9	7.0	22.5	25.4	14.1	Norfolk, Va.	4.8	4.6	8.9	10.2	10.4	9.4
Butte, Mont.	6.8	5.4	12.6	14.6	12.8	19.5	Oakland, Calif.	3.8	4.2	.9	9.4	11.0	1.8
Charleston, S. C.	3.8	4.0	.2	7.9	8.6	.2	Oklahoma City, Okla.	7.4	6.4	14.7	16.5	15.6	19.8
Charleston, W. Va.	4.9	5.7	2.0	10.8	14.2	3.2	Omaha, Nebr.	6.3	6.2	6.7	13.9	14.8	10.2
Charlotte, N. C.	4.7	4.5	5.2	8.1	9.3	5.0	Peoria, Ill.	7.8	7.4	9.0	18.1	18.7	16.8
Chattanooga, Tenn.	3.1	4.1	(1/)	5.8	9.6	(1/)	Philadelphia, Pa.	9.5	8.2	14.4	22.2	22.2	21.1
Chicago, Ill.	9.3	9.4	6.5	24.8	25.2	13.0	Phoenix, Ariz.	4.7	4.2	6.2	10.8	10.6	11.3
Cincinnati, Ohio	8.5	7.0	15.4	19.7	17.6	26.1	Pittsburgh, Pa.	6.9	6.4	8.1	16.2	17.9	14.1
Cleveland, Ohio	9.4	9.5	8.7	24.6	25.9	18.5	Portland, Maine	7.1	6.5	10.7	13.5	13.1	14.9
Columbus, Ohio	7.1	6.2	11.8	16.3	15.3	19.8	Portland, Oreg.	4.8	4.8	5.4	11.5	11.7	9.9
Dallas, Tex.	7.4	7.3	9.3	17.0	17.6	12.2	Providence, R. I.	7.7	7.3	9.0	16.4	16.9	14.9
Dayton, Ohio	6.2	5.9	8.5	15.1	15.2	14.9	Reading, Pa.	7.9	6.9	11.0	17.2	17.0	17.5
Denver, Colo.	4.7	7.5	.1	9.8	18.4	.2	Richmond, Va.	3.0	2.9	4.9	6.3	6.6	5.1
Des Moines, Iowa	10.0	9.7	11.1	21.7	22.9	18.4	Rochester, N. Y.	9.2	7.9	13.5	21.1	19.9	23.9
Detroit, Mich.	6.3	6.4	5.5	15.7	16.8	10.6	Rock Island (Ill.)	6.7	7.1	5.1	14.9	16.8	8.6
Duluth, Minn.	4.5	3.2	10.9	9.3	7.0	17.3	District 2/	7.4	7.0	9.1	18.4	18.7	17.4
El Paso, Tex.	3.0	3.1	2.3	6.6	7.5	3.0	St. Louis, Mo.	2.9	4.0	.2	6.3	9.7	.4
Erie, Pa.	7.3	7.0	8.7	16.6	17.0	14.7	St. Paul, Minn.	3.9	3.4	6.4	8.2	7.6	10.0
Grand Rapids, Mich.	6.8	6.9	5.9	15.2	16.4	9.7	Salt Lake City, Utah	1.8	1.2	7.0	3.8	2.8	8.6
Houston, Tex.	2.8	3.0	.1	6.6	7.6	.2	San Antonio, Tex.	5.0	4.7	6.6	12.3	12.2	12.6
Indianapolis, Ind.	7.3	7.1	8.5	17.3	18.1	14.6	San Francisco, Calif.	6.4	7.3	.1	12.2	16.2	.1
Jackson, Miss.	4.1	4.5	.7	8.1	10.0	.7	Savannah, Ga.	9.3	7.3	19.2	20.2	17.2	29.4
Jacksonville, Fla.	2.7	2.9	-	5.6	6.3	-	Scranton, Pa.	6.8	6.5	10.6	16.9	16.4	21.1
Kansas City, Mo.	7.5	7.4	8.5	17.6	18.0	15.0	Seattle, Wash.	5.5	5.1	6.7	12.6	12.8	12.3
Knoxville, Tenn.	5.0	3.8	11.3	10.1	9.0	13.0	South Bend, Ind.	4.3	4.0	6.6	10.2	9.9	12.0
Little Rock, Ark.	6.4	5.4	11.5	11.5	11.8	10.2	Spokane, Wash.	5.4	4.2	10.6	11.7	9.9	16.6
Los Angeles, Calif.	3.3	3.6	.8	7.0	9.0	1.4	Springfield, Mass.	4.7	6.4	.2	10.6	15.9	.3
Louisville, Ky.	6.0	6.2	5.3	12.7	14.6	8.2	Syracuse, N. Y.	10.6	10.1	12.2	25.8	26.6	23.7
Manchester, N. H.	9.2	8.7	11.5	18.5	19.0	16.7	Toledo, Ohio	7.9	7.8	7.9	19.3	21.3	12.9
Memphis, Tenn.	7.3	5.8	13.9	13.7	13.2	14.9	Washington, D. C.	9.5	6.3	19.4	18.8	14.4	27.4
Miami, Fla.	1.8	1.2	8.8	4.2	3.0	11.0	Wichita, Kans.	9.1	9.4	6.2	20.2	21.7	9.9
Milwaukee, Wis.	7.0	7.1	6.0	17.1	18.0	13.8	Worcester, Mass.	12.2	10.4	17.5	21.3	20.6	22.7
Minneapolis, Minn.	3.2	3.5	1.5	7.3	8.5	2.6	York, Pa.	8.6	8.1	10.3	20.3	21.1	18.5
Youngstown, Ohio							Youngstown, Ohio						

1/ Less than 0.05 percent.

2/ Includes Rock Island and Moline, Ill., and Davenport, Iowa.

TABLE 7.—Distribution of union members in the building trades, by hourly wage rates, July 1, 1952

Trade	Average rate per hour	Percent of union journeymen whose rates (in cents) per hour were —																	
		Under 190 200	190 210	200 220	200 230	200 240	200 250	200 260	200 270	280 290	290 300	310 310	320 320	330 330	340 340	350 350 and over			
Journeymen	2.756	0.1	0.5	1.2	1.5	4.1	5.4	8.2	9.3	10.5	13.0	8.3	11.7	10.9	9.3	1.7	1.8	0.7	1.8
Asbestos workers	2.741	-	.4	-	.3	2.7	2.9	12.8	27.9	16.4	4.2	18.4	11.3	2.7	-	-	-	-	-
Boilermakers	2.783	-	(1/)	-	-	-	-	(1/)	11.5	14.8	40.6	1.1	12.2	17.7	-	-	2.1	-	-
Bricklayers	3.194	-	-	-	-	-	-	-	7	7	3.7	2.8	8.0	15.9	27.9	6.9	9.3	2.8	21.3
Carpenters	2.684	-	.5	1.3	1.9	6.0	10.0	12.1	12.7	7.9	8.1	4.1	17.2	5.4	11.8	-	-	1.0	-
Cement finishers	2.642	.9	1.1	.6	1.2	3.8	10.3	13.9	18.6	4.6	10.5	9.0	7.9	16.7	.1	-	-	-	.8
Electricians (inside wiremen) ...	2.880	-	-	.7	-	.4	-	3.8	5.9	13.2	16.3	11.1	3.7	28.5	-	2.9	12.6	.9	-
Elevator constructors	2.828	-	-	-	-	-	-	5.3	4.5	8.4	20.8	23.4	13.7	23.9	-	-	-	-	-
Glaziers	2.443	1.7	2.9	6.0	19.2	9.5	6.7	24.6	2.1	4.2	1.6	1.2	2.0	18.2	-	-	-	-	-
Iathers	2.996	-	-	-	-	1.6	.3	.3	3.4	3.4	10.0	6.0	7.0	29.1	27.9	2.2	5.1	1.0	2.7

See footnote at end of table.

TABLE 7.--Distribution of union members in the building trades, by hourly wage rates, July 1, 1952 - Continued

Trade	Aver-age rate per hour	Percent of union journeymen whose rates (in cents) per hour were -																	
		Under 190	190 and under 200	200 and under 210	210 and under 220	220 and under 230	230 and under 240	240 and under 250	250 and under 260	260 and under 270	270 and under 280	280 and under 290	290 and under 300	300 and under 310	310 and under 320	320 and under 330	330 and under 340	340 and under 350	350 and over
Journeymen: - Continued	\$																		
Machinists	2,606	-	10.6	-	0.1	0.4	0.4	17.0	13.5	4.4	41.8	0.1	0.5	11.2	-	-	-	-	-
Marble setters	2,817	-	-	2.1	-	.4	1.1	1.7	6.1	4.0	32.0	11.0	10.4	26.1	1.9	-	3.0	-	0.2
Mosaic and terrazzo workers	2,819	-	-	.2	-	1.4	.7	1.2	7.4	9.5	31.3	6.0	9.3	30.6	1.9	-	-	.5	
Painters	2,570	0.4	.7	3.8	2.1	9.5	6.1	12.9	8.2	15.4	18.8	18.5	2.8	.1	(1/)	0.7	(1/)	(1/)	-
Paperhangers	2,517	.8	.5	3.2	6.3	12.9	4.3	16.3	4.0	16.9	34.8	-	-	-	-	-	-	-	-
Plasterers	3,101	-	-	-	-	.9	.3	1.0	4.4	1.6	7.2	2.7	9.4	14.4	29.9	1.5	7.2	0.8	18.6
Plumbers	2,877	-	-	-	.1	-	.2	.8	3.9	11.5	19.8	10.4	16.0	15.8	20.6	.9	-	-	-
Rodmen	2,635	-	.9	.3	3.0	6.9	10.9	10.0	12.9	14.3	11.0	6.2	6.0	15.6	1.0	-	-	1.0	-
Roofers, composition	2,550	4.0	4.8	2.3	5.8	3.8	4.3	12.6	14.4	17.4	9.1	-	9.6	9.6	-	2.3	-	-	-
Roofers, slate and tile	2,538	.4	4.0	5.2	16.8	2.0	8.8	6.2	15.9	12.7	5.2	4.3	4.4	3.5	3.8	4.1	-	-	2.7
Sheet-metal workers	2,723	-	-	1.2	1.5	2.4	3.0	4.5	8.5	31.5	8.3	14.0	7.0	9.8	1.4	6.9	-	-	-
Steam and sprinkler fitters	2,852	-	-	.1	.1	-	.3	.9	5.0	9.4	20.3	13.6	19.7	17.3	12.0	1.3	-	-	-
Stonemasons	3,150	-	-	-	-	-	-	.5	.1	1.0	3.0	6.0	3.0	37.2	11.7	10.3	14.3	2.9	10.0
Structural-iron workers	2,808	-	-	-	-	1.3	.8	7.8	11.7	10.0	18.1	14.2	6.6	17.7	2.1	8.8	.3	.6	-
Tile layers	2,816	-	-	-	-	1.1	.6	.6	11.5	2.7	31.2	15.5	10.2	24.2	1.7	-	-	-	.7
Trade	Aver-age rate per hour	Percent of union helpers and laborers whose rates (in cents) per hour were -																	
		Under 100	100 and under 110	110 and under 120	120 and under 130	130 and under 140	140 and under 150	150 and under 160	160 and under 170	170 and under 180	180 and under 190	190 and under 200	200 and under 210	210 and under 220	220 and under 230	230 and under 240	240 and under 250	250 and under 260	260 and over
Helpers and laborers ..	\$																		
Bricklayers' tenders	1,841	0.2	2.1	2.4	5.5	1.7	1.9	5.9	8.2	13.8	12.6	12.9	8.2	10.7	2.2	8.0	1.1	0.9	1.7
Building laborers	2,020	-	1.7	1.4	2.6	2.7	1.5	6.8	3.1	3.1	5.5	8.0	8.0	14.9	2.0	31.8	3.3	1.5	2.1
Composition roofers' helpers	1,749	.3	2.6	2.7	6.8	1.3	2.0	6.7	10.0	19.0	16.0	13.6	7.5	9.3	-	1.8	-	.4	-
Elevator constructors' helpers	1,648	5.1	-	3.3	16.5	2.2	5.5	-	-	13.2	26.7	25.3	2.2	-	-	-	-	-	-
Marble setters' helpers	2,014	-	-	-	-	-	-	-	.2	5.2	12.8	27.9	23.5	14.7	15.7	-	-	-	-
Plasterers' laborers	1,868	-	-	12.9	3.0	3.9	.3	-	5.8	3.1	5.0	11.0	26.3	14.9	3.3	10.5	-	-	-
Plumbers' laborers	2,096	-	.6	1.0	3.8	4.0	2.3	3.2	5.7	2.7	1.6	12.1	7.5	12.9	7.5	12.8	1.1	4.9	16.3
Terrazzo workers' helpers	1,863	-	1.6	6.1	4.7	.1	3.2	-	8.6	4.3	14.7	18.0	15.9	2.3	15.8	4.7	-	-	-
Tile layers' helpers	2,110	-	-	-	.8	1.3	.7	.3	12.9	1.8	2.4	8.1	9.5	17.7	9.7	10.7	22.2	-	1.9
	2,032	-	.9	4.3	.1	.7	.1	-	6.7	5.7	6.6	13.0	6.0	20.2	21.5	1.2	13.0	-	-

1/ Less than 0.05 percent.

TABLE 8.--Average union hourly wage rates in the building trades, by city and population group, July 1, 1952

City and population group	Average hourly rate	City and population group	Average hourly rate
JOURNEYMEN			
Population group I (1,000,000 and over):			
New York, N. Y.	\$3.152	Population group II (500,000 to 1,000,000): - Continued	
Chicago, Ill.	2,949	Milwaukee, Wis.	\$2,724
Philadelphia, Pa.	2,929	San Francisco, Calif.	2,707
<u>Average for group I</u>	2,918	Boston, Mass.	2,706
Detroit, Mich.	2,794	Baltimore, Md.	2,704
Los Angeles, Calif.	2,604	Cincinnati, Ohio	2,691
Population group II (500,000 to 1,000,000):		Houston, Tex.	2,587
Pittsburgh, Pa.	2,985	Minneapolis, Minn.	2,503
Cleveland, Ohio	2,984	New Orleans, La.	2,351
Washington, D. C.	2,933	Population group III (250,000 to 500,000):	
St. Louis, Mo.	2,877	Newark, N. J.	3,269
Buffalo, N. Y.	2,827	Toledo, Ohio	2,894
<u>Average for group II</u>	2,772	Indianapolis, Ind.	2,732
		Rochester, N. Y.	2,716

TABLE 8.--Average union hourly wage rates in the building trades, by city and population group, July 1, 1952 - Continued

City and population group	Average hourly rate	City and population group	Average hourly rate
JOURNEYMEN - Continued			
Population group III (250,000 to 500,000): - Continued		Population group II (500,000 to 1,000,000): - Continued	
Oakland, Calif.	\$2.709	San Francisco, Calif.	\$2.041
Seattle, Wash.	2,699	Cincinnati, Ohio	1.957
Denver, Colo.	2,655	Boston, Mass.	1.944
<u>Average for group III</u>	2,646	<u>Average for group II</u>	1.907
Columbus, Ohio	2,636	Pittsburgh, Pa.	1.891
Kansas City, Mo.	2,608	Minneapolis, Minn.	1.764
Dallas, Tex.	2,606	Washington, D. C.	1.748
Portland, Oreg.	2,562	Baltimore, Md.	1.546
Louisville, Ky.	2,512	Houston, Tex.	1.438
St. Paul, Minn.	2,501	New Orleans, La.	1.253
Birmingham, Ala.	2,448		
Atlanta, Ga.	2,434	Population group III (250,000 to 500,000):	
Memphis, Tenn.	2,416	Newark, N. J.	2.524
San Antonio, Tex.	2,396	Seattle, Wash.	2.209
Population group IV (100,000 to 250,000):		Toledo, Ohio	2.189
Youngstown, Ohio	2,821	Rochester, N. Y.	2.001
Dayton, Ohio	2,734	Kansas City, Mo.	1.925
Peoria, Ill.	2,718	Portland, Oreg.	1.920
New Haven, Conn.	2,682	Oakland, Calif.	1.896
Syracuse, N. Y.	2,664	Indianapolis, Ind.	1.873
South Bend, Ind.	2,628	Columbus, Ohio	1.870
Reading, Pa.	2,615	<u>Average for group III</u>	1.773
Phoenix, Ariz.	2,614	St. Paul, Minn.	1.735
Oklahoma City, Okla.	2,606	Denver, Colo.	1.712
Miami, Fla.	2,598	Louisville, Ky.	1.621
Des Moines, Iowa	2,596	Dallas, Tex.	1.441
Erie, Pa.	2,588	San Antonio, Tex.	1.314
Spokane, Wash.	2,583	Atlanta, Ga.	1.255
Scranton, Pa.	2,557	Birmingham, Ala.	1.240
Rock Island (Ill.) District 1/ ¹	2,554	Memphis, Tenn.	1.226
Grand Rapids, Mich.	2,548		
Omaha, Nebr.	2,528	Population group IV (100,000 to 250,000):	
Worcester, Mass.	2,525	Peoria, Ill.	2.031
<u>Average for group IV</u>	2,514	Youngstown, Ohio	1.990
Providence, R. I.	2,499	South Bend, Ind.	1.963
El Paso, Tex.	2,474	Phoenix, Ariz.	1.947
Springfield, Mass.	2,472	Spokane, Wash.	1.926
Knoxville, Tenn.	2,433	Dayton, Ohio	1.904
Wichita, Kans.	2,416	New Haven, Conn.	1.872
Chattanooga, Tenn.	2,404	Des Moines, Iowa	1.841
Savannah, Ga.	2,388	Erie, Pa.	1.834
Norfolk, Va.	2,359	Scranton, Pa.	1.827
Richmond, Va.	2,328	Providence, R. I.	1.806
Mobile, Ala.	2,319	Rock Island (Ill.) District 1/ ¹	1.783
Little Rock, Ark.	2,311	Reading, Pa.	1.774
Salt Lake City, Utah	2,310	Duluth, Minn.	1.767
Jacksonville, Fla.	2,288	Syracuse, N. Y.	1.755
Duluth, Minn.	2,283	Grand Rapids, Mich.	1.742
Charlotte, N. C.	2,149	Springfield, Mass.	1.736
Population group V (40,000 to 100,000):		Worcester, Mass.	1.685
Charleston, W. Va.	2,621	Wichita, Kans.	1.684
Butte, Mont.	2,495	Salt Lake City, Utah	1.662
Manchester, N. H.	2,364	Omaha, Nebr.	1.618
<u>Average for group V</u>	2,364	<u>Average for group IV</u>	1.590
Jackson, Miss.	2,302	Oklahoma City, Okla.	1.543
Charleston, S. C.	2,248	Miami, Fla.	1.360
York, Pa.	2,180	El Paso, Tex.	1.333
Portland, Maine	2,157	Knoxville, Tenn.	1.281
HELPERS AND LABORERS			
Population group I (1,000,000 and over):		Chattanooga, Tenn.	1.223
New York, N. Y.	2,234	Mobile, Ala.	1.195
Chicago, Ill.	2,136	Norfolk, Va.	1.146
Detroit, Mich.	2,029	Richmond, Va.	1.080
<u>Average for group I</u>	2,027	Little Rock, Ark.	1.041
Los Angeles, Calif.	1,898	Savannah, Ga.	1.035
Philadelphia, Pa.	1,749	Charlotte, N. C.	1.003
Population group II (500,000 to 1,000,000):		Jacksonville, Fla.	.984
Cleveland, Ohio	2,299		
Buffalo, N. Y.	2,143	Population group V (40,000 to 100,000):	
Milwaukee, Wis.	2,135	Butte, Mont.	1.745
St. Louis, Mo.	2,087	Charleston, W. Va.	1.678
		Manchester, N. H.	1.623
		Portland, Maine	1.540
		York, Pa.	1.524
		<u>Average for group V</u>	1.509
		Jackson, Miss.	1.027
		Charleston, S. C.	.908

^{1/} Includes Rock Island and Moline, Ill., and Davenport, Iowa.

TABLE 9.--Average union wage rates in the building trades, by region, 1/ July 1, 1952

Trade	United States	Region								
		New England	Middle Atlantic	Border States	Southeast	Great Lakes	Middle West	Southwest	Mountain	Pacific
All building trades	\$2.57	\$2.39	\$2.78	\$2.40	\$2.13	\$2.69	\$2.55	\$2.27	\$2.26	\$2.53
Journeymen	2.76	2.58	3.04	2.67	2.42	2.82	2.70	2.50	2.56	2.63
Asbestos workers	2.74	2.67	2.94	2.62	2.57	2.80	2.67	2.65	2.68	2.67
Boilermakers	2.78	2.75	3.00	2.72	2.60	2.89	2.56	2.55	2.68	2.75
Bricklayers	3.19	2.93	3.43	3.18	2.84	3.10	3.36	3.12	3.08	3.21
Carpenters	2.68	2.44	3.03	2.57	2.26	2.80	2.65	2.32	2.50	2.46
Cement finishers	2.64	2.92	2.96	2.42	2.25	2.68	2.65	2.38	2.43	2.47
Electricians (inside wiremen)	2.88	2.64	3.22	2.72	2.60	2.91	2.73	2.72	2.69	2.89
Elevator constructors	2.83	2.74	2.96	2.86	2.58	2.82	2.78	2.72	2.63	2.87
Glaziers	2.44	2.21	2.67	2.34	2.17	2.62	2.48	2.11	2.15	2.29
Lathers	3.00	2.94	3.03	2.95	2.51	2.97	2.82	3.03	2.95	3.13
Machinists	2.61	2.75	2.91	2.72	2.38	2.73	2.68	2.20	-	2.50
Marble setters	2.82	2.72	2.94	3.02	2.72	2.72	2.78	2.64	2.80	2.78
Mosaic and terrazzo workers	2.82	2.70	2.98	2.85	2.73	2.73	2.76	2.49	2.94	2.74
Painters	2.57	2.26	2.73	2.40	2.19	2.62	2.46	2.23	2.32	2.64
Paperhangers	2.52	2.03	2.50	2.24	2.25	2.64	2.43	2.14	2.23	2.61
Plasterers	3.10	2.94	3.39	3.01	2.58	3.03	2.99	3.00	3.22	3.12
Plumbers	2.88	2.65	3.09	2.74	2.71	2.89	2.80	2.69	2.67	2.84
Rodmen	2.64	2.77	2.96	2.56	2.25	2.78	2.74	2.35	2.45	2.46
Roofers, composition	2.55	2.48	2.81	2.23	1.97	2.67	2.48	2.04	2.42	2.57
Roofers, slate and tile	2.54	2.61	2.95	2.56	2.11	2.76	2.49	2.12	2.35	2.52
Sheet-metal workers	2.72	2.65	3.03	2.60	2.27	2.80	2.77	2.56	2.37	2.63
Steam and sprinkler fitters	2.85	2.69	3.05	2.69	2.67	2.89	2.81	2.71	2.66	2.84
Stonemasons	3.15	2.95	3.23	3.23	2.88	3.04	3.23	3.16	3.10	3.21
Structural-iron workers	2.81	2.82	3.03	2.85	2.45	2.86	2.70	2.55	2.52	2.70
Tile layers	2.82	2.75	2.96	2.84	2.69	2.72	2.76	2.54	2.90	2.90
Helpers and laborers	1.84	1.85	2.01	1.62	1.21	2.01	1.95	1.31	1.75	1.95
Bricklayers' tenders	2.02	1.82	2.24	1.60	1.23	2.07	2.08	1.47	1.96	2.34
Building laborers	1.75	1.83	1.87	1.59	1.17	1.95	1.88	1.23	1.66	1.82
Composition roofers' helpers	1.65	1.85	1.80	1.67	1.05	1.94	-	1.25	-	1.90
Elevator constructors' helpers	2.01	1.93	2.14	1.99	1.81	1.99	1.99	1.91	1.85	2.01
Marble setters' helpers	1.87	1.95	2.09	2.00	1.25	2.09	1.88	1.40	1.90	2.15
Plasterers' laborers	2.10	1.98	2.34	1.78	1.29	2.21	2.19	1.58	1.97	2.75
Plumbers' laborers	1.86	-	1.94	1.60	1.16	2.08	2.02	1.15	1.83	2.01
Terrazzo workers' helpers	2.11	1.99	2.34	1.88	1.64	2.19	2.04	1.42	1.86	2.19
Tile layers' helpers	2.03	1.97	2.28	2.02	1.39	2.04	1.87	1.46	1.95	2.18

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; and Pacific - California, Nevada, Oregon, and Washington.

TABLE 10.--Indexes of union weekly hours in the building trades, 1907-52

(Average 1947, 1948, and 1949 = 100)

Date	All trades	Journey-men	Helpers and laborers	Date	All trades	Journey-men	Helpers and laborers
1907: May 15	124.1	122.6	129.6	1930: May 15	109.7	108.9	112.0
1908: May 15	122.2	120.8	126.9	1931: May 15	108.4	107.4	111.1
1909: May 15	120.5	119.3	124.3	1932: May 15	106.4	105.5	108.6
1910: May 15	119.0	117.9	122.1	1933: May 15	106.1	105.1	108.1
1911: May 15	118.6	117.5	121.9	1934: May 15	102.2	101.3	104.7
1912: May 15	118.2	117.1	121.5	1935: May 15	101.4	100.5	104.0
1913: May 15	118.0	116.8	121.5	1936: May 15	101.4	100.5	104.2
1914: May 15	117.5	116.5	120.8	1937: May 15	101.8	100.9	104.6
1915: May 15	117.4	116.4	120.7	1938: June 1	100.1	99.1	102.9
1916: May 15	117.0	115.9	120.4	1939: June 1	99.9	99.0	102.7
1917: May 15	116.7	115.7	119.9	1940: June 1	99.8	99.0	102.1
1918: May 15	116.1	115.0	119.5	1941: June 1	100.2	99.5	102.4
1919: May 15	115.5	114.6	118.4	1942: July 1	101.0	100.8	101.5
1920: May 15	115.0	114.1	117.6	1943: July 1	100.9	101.0	100.8
1921: May 15	114.9	114.0	117.6	1944: July 1	101.1	101.2	100.8
1922: May 15	114.9	114.1	117.3	1945: July 1	101.1	101.2	100.8
1923: May 15	115.0	114.2	117.5	1946: July 1	100.1	100.1	100.1
1924: May 15	115.0	114.2	117.5	1947: July 1	100.0	99.9	100.1
1925: May 15	115.0	114.2	117.3	1948: July 1	100.0	100.0	100.0
1926: May 15	114.8	114.0	117.0	1949: July 1	100.1	100.1	100.0
1927: May 15	114.6	113.7	117.0	1950: July 1	100.2	100.2	100.0
1928: May 15	113.9	112.9	116.9	1951: July 1	100.1	100.1	99.9
1929: May 15	112.9	112.2	114.6	1952: July 1	100.1	100.1	100.1

TABLE 11.—Indexes of union weekly hours in each building trade, 1907-52

(Average 1947, 1948, and 1949 = 100)

Date	Asbes-tos workers	Boiler-makers	Brick-layers	Car-penters	Cement finishers	Electri-cians (inside wiremen)	Eleva-tor con-structors	Gla-siers	Lath-ers	Ma-chinists	Marble setters	Mosaic and ter-razzo workers	Paint-ers	Paper-hangers	Plas-terers
1907: May 15	-	-	122.7	120.8	122.7	122.9	-	-	-	-	118.0	-	125.3	-	122.0
1908: May 15	-	-	120.1	119.0	121.6	122.0	-	-	-	-	118.0	-	123.4	-	121.4
1909: May 15	-	-	117.6	117.6	122.5	121.2	-	-	-	-	116.8	-	121.7	-	121.4
1910: May 15	-	-	115.4	116.2	122.3	120.5	-	-	-	-	116.5	-	120.1	-	121.3
1911: May 15	-	-	115.0	115.6	121.1	120.3	-	-	-	-	116.0	-	119.3	-	122.0
1912: May 15	-	-	115.0	115.5	121.1	119.9	-	-	122.5	-	116.0	-	119.2	-	120.5
1913: May 15	-	-	114.8	115.4	119.8	119.4	-	-	122.5	-	116.0	-	118.5	-	120.5
1914: May 15	-	-	114.3	114.9	119.0	119.0	115.0	-	122.5	-	115.8	-	118.3	-	120.4
1915: May 15	-	-	114.2	114.9	119.0	118.3	115.4	-	121.9	-	115.8	-	118.3	-	119.8
1916: May 15	113.5	-	113.9	114.9	117.2	117.4	115.3	-	121.9	-	115.6	118.0	117.4	-	118.6
1917: May 15	113.0	-	113.6	114.9	115.9	116.9	114.6	-	121.3	-	115.5	118.0	117.3	-	118.5
1918: May 15	112.4	-	113.6	113.7	115.3	116.1	114.6	114.0	121.3	-	115.5	113.8	116.8	-	118.2
1919: May 15	111.2	-	113.4	113.0	114.4	115.1	113.8	114.0	121.0	-	115.0	113.8	116.6	-	118.2
1920: May 15	111.1	-	113.3	113.1	113.8	114.8	113.7	113.5	120.2	-	115.0	113.8	113.2	-	117.9
1921: May 15	111.4	-	113.3	113.0	113.8	114.8	113.6	114.0	119.9	-	115.1	113.8	113.3	-	117.6
1922: May 15	111.4	-	113.3	113.1	113.7	114.8	113.3	114.1	120.0	-	115.1	113.8	114.1	-	117.7
1923: May 15	111.1	-	113.3	113.5	113.7	114.8	113.4	113.5	120.5	-	115.1	113.8	113.8	-	118.3
1924: May 15	111.2	-	113.2	113.3	113.7	114.7	113.4	113.5	120.2	-	115.1	113.9	113.7	-	118.4
1925: May 15	111.2	-	113.1	113.3	113.4	114.7	113.3	113.1	119.8	-	115.1	113.8	114.0	-	118.0
1926: May 15	111.2	-	113.2	113.3	113.4	114.7	113.3	113.5	119.5	-	115.1	113.8	113.7	-	114.6
1927: May 15	111.1	-	112.6	113.3	113.0	114.7	113.3	113.9	118.9	-	115.0	113.4	113.2	-	114.1
1928: May 15	111.1	-	112.6	112.7	112.4	114.1	113.3	113.4	118.3	-	115.0	113.4	110.2	-	113.2
1929: May 15	110.2	-	109.7	112.7	112.5	111.4	112.8	112.2	117.7	-	115.0	113.5	109.9	-	112.1
1930: May 15	106.1	-	107.0	109.2	108.1	108.7	109.3	108.6	111.0	-	108.9	107.3	108.7	-	109.6
1931: May 15	103.6	-	105.4	107.5	106.9	107.7	107.2	106.7	110.4	-	106.9	106.2	107.7	-	108.7
1932: May 15	102.3	-	103.0	104.8	105.6	105.1	107.2	104.3	109.9	-	105.8	102.0	107.5	-	106.8
1933: May 15	101.2	-	104.1	103.2	107.6	105.1	104.9	104.3	109.4	-	105.7	103.4	107.3	-	109.0
1934: May 15	101.1	-	102.3	102.3	103.7	98.9	104.0	98.8	103.1	-	104.5	103.3	94.2	-	104.3
1935: May 15	100.3	-	102.2	101.8	103.5	94.8	103.7	98.2	102.9	-	104.5	102.6	94.0	-	102.7
1936: May 15	100.6	-	102.2	101.9	103.0	95.2	104.5	98.6	101.9	-	104.4	101.5	94.4	-	101.0
1937: May 15	100.3	105.8	103.2	102.7	103.1	99.8	104.2	98.6	103.3	100.6	106.5	102.2	94.4	92.2	101.1
1938: June 1	98.6	100.5	99.8	99.8	100.0	99.2	103.5	96.8	101.3	100.0	104.4	99.6	94.5	91.6	97.0
1939: June 1	98.6	100.5	99.9	99.8	100.0	99.0	101.0	96.6	100.5	99.9	104.4	99.6	94.2	91.7	97.0
1940: June 1	98.0	100.5	99.6	99.8	100.2	99.0	100.6	96.6	100.3	99.9	99.7	99.6	94.6	92.0	96.8
1941: June 1	98.6	101.0	99.8	100.4	100.7	99.5	100.3	97.2	101.2	99.7	99.9	99.9	94.8	92.5	97.1
1942: July 1	98.7	101.1	100.7	100.6	100.6	103.5	100.0	98.6	103.1	99.7	99.9	99.9	100.3	99.1	98.9
1943: July 1	98.7	101.1	100.7	100.6	100.6	103.5	100.0	98.6	104.0	99.7	99.9	99.9	100.3	99.1	102.3
1944: July 1	98.7	101.1	100.7	100.9	100.6	103.5	100.0	98.6	103.6	99.7	99.9	99.9	100.6	99.9	102.9
1945: July 1	98.7	101.1	100.7	100.9	100.6	103.5	100.0	98.6	104.2	99.7	99.9	99.9	100.6	99.9	102.9
1946: July 1	99.8	99.1	100.2	100.1	100.4	99.4	100.0	98.6	102.8	99.2	99.9	99.9	99.9	99.7	100.9
1947: July 1	99.8	99.1	99.7	100.0	100.0	99.4	100.0	100.0	102.8	100.0	99.9	98.9	100.0	100.0	99.9
1948: July 1	100.1	100.5	100.4	100.0	100.0	99.4	100.0	100.0	98.6	100.0	100.0	100.6	100.0	100.0	99.8
1949: July 1	100.1	100.5	100.0	100.0	100.0	101.1	100.1	100.0	98.6	100.0	100.0	100.6	100.0	100.0	100.4
1950: July 1	100.1	100.5	100.0	100.0	100.0	101.1	100.1	100.0	101.7	100.0	100.0	100.6	100.0	100.0	102.7
1951: July 1	100.1	100.5	100.1	100.0	100.0	101.1	100.0	100.0	101.7	100.0	100.0	100.6	98.8	98.8	102.7

TABLE 11.—Indexes of union weekly hours in each building trade, 1907-52 - Continued
(Average 1947, 1948, and 1949 = 100)

Date	Plumb- ers	Rodmen	Roof- ers, composition	Roof- ers, slate and tile	Sheet- metal workers	Steam and sprink- ler fitters	Stone- masons	Struc- tural- iron workers 1/	Tile layers	Brick- layers' tenders	Building laborers	Com- position roofer's helpers	Plas- terers' laborers	Plumb- ers' laborers	Tile layers' helpers
1907: May 15	123.7	-	-	-	117.0	118.8	118.0	120.0	-	123.3	125.1	-	127.8	-	-
1908: May 15	123.8	-	-	-	116.9	118.8	118.0	117.6	-	123.3	125.1	-	127.3	-	-
1909: May 15	123.8	-	-	-	116.9	118.5	118.0	116.0	-	122.9	124.7	-	127.0	-	-
1910: May 15	123.6	-	-	-	116.9	117.8	116.2	114.7	-	121.9	121.7	-	127.0	-	-
1911: May 15	123.3	-	-	-	116.6	117.7	115.4	114.5	-	121.3	121.7	-	126.9	-	-
1912: May 15	122.3	-	-	-	115.1	116.9	115.4	113.4	110.7	120.3	121.7	-	126.3	-	125.7
1913: May 15	122.3	-	-	-	114.9	116.5	115.3	112.9	113.1	120.3	121.7	-	126.3	-	125.1
1914: May 15	121.8	-	113.8	111.6	114.8	115.0	115.3	112.7	113.1	118.8	121.3	-	126.4	-	125.1
1915: May 15	121.8	-	113.8	111.6	114.6	115.0	115.2	112.7	112.7	118.8	121.3	-	126.4	-	123.2
1916: May 15	121.2	-	113.8	111.2	114.1	114.6	115.0	112.4	112.1	118.8	120.7	-	125.2	-	122.8
1917: May 15	121.1	-	113.0	109.2	114.0	114.5	114.9	112.2	111.8	118.7	119.3	-	125.0	-	121.8
1918: May 15	120.1	-	112.5	109.2	112.8	113.4	114.9	111.8	111.8	118.7	118.8	-	125.0	-	121.8
1919: May 15	119.7	-	112.5	108.9	112.3	113.3	114.2	111.6	111.3	118.3	116.6	-	124.5	-	121.4
1920: May 15	119.7	-	112.5	108.9	111.9	113.2	114.2	111.6	111.0	118.0	115.3	-	124.5	-	121.4
1921: May 15	119.5	-	110.4	108.8	111.9	113.1	114.3	111.6	111.1	118.0	115.3	-	124.0	-	121.6
1922: May 15	119.5	-	110.4	108.7	111.8	113.1	114.2	111.6	110.9	118.3	114.5	-	124.0	-	121.6
1923: May 15	119.5	-	110.4	109.0	111.8	113.1	114.2	111.6	111.2	118.3	115.3	-	124.1	-	122.7
1924: May 15	119.5	-	110.4	108.6	111.8	113.1	113.9	111.6	111.2	118.2	115.0	-	124.0	-	122.7
1925: May 15	119.5	-	110.4	108.6	111.8	113.1	113.9	111.3	111.2	118.0	115.1	-	123.9	-	122.7
1926: May 15	119.5	-	110.4	108.6	111.8	112.9	114.1	111.6	111.2	118.2	115.3	-	119.8	-	122.7
1927: May 15	119.2	-	110.4	108.6	111.4	112.7	113.9	111.6	111.1	118.2	115.5	-	119.7	-	122.7
1928: May 15	119.2	-	110.3	108.6	111.1	112.7	113.8	111.5	110.8	118.2	115.4	-	120.0	-	122.7
1929: May 15	116.2	-	109.7	107.3	111.0	112.1	110.5	110.0	110.6	111.6	115.3	-	119.9	-	122.1
1930: May 15	112.7	-	105.4	102.7	106.9	107.1	106.7	107.6	104.9	110.9	113.2	-	116.8	-	114.2
1931: May 15	111.2	-	104.1	101.0	105.1	106.0	104.8	106.3	103.5	110.3	111.8	-	115.8	-	113.0
1932: May 15	110.8	-	103.0	101.0	103.6	105.0	104.4	103.7	102.4	107.9	107.9	-	115.5	-	111.6
1933: May 15	110.3	-	104.3	101.0	103.5	104.4	103.6	103.4	102.2	107.3	107.5	-	113.6	-	111.7
1934: May 15	109.2	-	101.6	100.6	102.0	103.8	103.1	101.9	95.3	105.3	102.8	-	110.1	-	107.0
1935: May 15	108.5	-	101.5	99.3	102.1	103.5	103.0	100.7	95.3	105.2	102.7	-	108.8	-	93.1
1936: May 15	107.1	-	102.1	100.2	102.0	103.7	103.0	100.6	95.2	105.0	103.2	-	107.0	-	93.1
1937: May 15	107.7	100.3	102.2	100.1	102.1	103.8	103.0	100.1	99.3	105.3	103.5	99.9	107.0	-	99.6
1938: June 1	102.3	100.3	100.4	98.9	100.0	98.3	99.6	99.0	99.3	104.0	103.0	99.9	102.0	103.2	99.6
1939: June 1	102.6	100.2	100.5	98.9	100.0	98.7	99.6	98.9	99.3	103.7	102.9	99.9	101.7	103.2	99.6
1940: June 1	101.5	100.2	100.1	98.8	100.0	98.7	99.5	98.9	99.3	103.6	102.3	99.6	101.3	100.0	99.6
1941: June 1	101.9	101.1	100.8	98.8	100.8	99.3	99.6	99.3	99.7	103.5	102.6	100.2	101.7	100.0	100.0
1942: July 1	102.5	101.1	100.9	100.2	100.9	100.9	99.8	100.0	101.0	102.3	101.6	100.5	101.8	99.7	100.0
1943: July 1	104.4	101.2	100.8	100.0	100.9	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	103.0	100.0
1944: July 1	104.4	101.2	100.7	100.0	100.9	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	102.9	100.0
1945: July 1	104.4	101.2	100.7	100.0	100.9	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	102.9	100.0
1946: July 1	100.8	100.6	100.4	100.0	100.8	100.0	99.6	100.0	100.0	100.5	100.0	100.0	101.7	100.0	100.0
1947: July 1	99.8	100.0	100.4	100.0	100.1	100.0	98.9	100.0	100.0	100.0	100.0	100.0	100.9	100.0	100.0
1948: July 1	100.1	100.0	100.4	100.0	100.1	100.1	100.0	100.6	100.0	100.0	100.0	100.0	99.6	100.0	100.0
1949: July 1	100.1	100.0	99.2	100.0	99.9	100.0	100.4	100.0	100.0	100.0	100.0	100.0	99.6	100.0	100.0
1950: July 1	100.8	100.0	99.2	100.0	99.9	100.0	100.4	100.0	100.0	100.0	100.0	100.0	99.6	100.0	100.0
1951: July 1	100.8	100.0	99.2	100.0	99.9	100.0	100.5	100.0	100.0	99.8	99.8	100.0	100.8	100.0	100.0

1/ Included rodmen prior to 1940.

TABLE 12.--Distribution of union members in the building trades, by straight-time weekly hours, July 1, 1952

Trade	Average hours per week	Percent of union members having workweek of -				Trade	Average hours per week	Percent of union members having workweek of -			
		30 hours	35 hours	40 hours	Over 40 hours			30 hours	35 hours	40 hours	Over 40 hours
All building trades	39.3	0.7	12.3	87.0	(1/)	Journeymen: - Continued					
Journeymen	39.3	.6	13.3	86.1	(1/)	Roofers, composition	39.4	-	11.9	87.9	0.2
Asbestos workers	39.7	-	6.8	93.2	-	Roofers, slate and tile ..	40.0	-	-	100.0	-
Boilermakers	40.0	-	-	100.0	-	Sheet-metal workers	39.6	-	8.3	91.7	-
Bricklayers	38.9	.1	22.8	77.1	-	Steam and sprinkler fitters	39.6	-	8.5	91.5	-
Carpenters	39.4	.2	12.1	87.7	-	Stonemasons	39.3	-	13.7	86.3	-
Cement finishers	39.5	.1	10.3	89.6	-	Structural-iron workers	39.9	-	1.8	98.2	-
Electricians (inside wiremen)	39.4	-	12.6	87.4	-	Tile layers	40.0	-	-	100.0	-
Elevator constructors ...	40.0	-	-	100.0	-	Helpers and laborers	39.5	0.9	8.4	90.5	.2
Glaziers	39.5	-	9.9	90.1	-	Bricklayers' tenders	38.5	.1	29.0	70.9	-
Lathers	38.5	5.6	19.1	75.3	-	Building laborers	39.8	-	4.9	94.8	.3
Machinists	40.0	-	-	100.0	-	Composition roofers' helpers	39.7	-	5.7	94.3	-
Marble setters	40.0	-	-	100.0	-	Elevator constructors' helpers	40.0	-	-	100.0	-
Mosaic and terrazzo workers	40.0	-	-	100.0	-	Marble setters' helpers	40.0	.3	-	99.7	-
Painters	38.5	(1/)	29.8	70.2	-	Plasterers' laborers	38.8	11.1	1.7	87.2	-
Paperhanglers	39.5	-	11.0	88.7	0.3	Plumbers' laborers	40.0	-	-	100.0	-
Plasterers	37.9	20.0	1.3	78.7	-	Terrazzo workers' helpers	40.0	.3	-	99.7	-
Plumbers	39.2	-	16.0	84.0	-	Tile layers' helpers	40.0	.1	-	99.9	-
Rodmen	39.7	-	5.1	94.9	-						

1/ Less than 0.05 percent.

TABLE 13.--Percent of union members affected by changes in straight-time weekly hours, by trade, July 1, 1952, compared with July 1, 1951

Trade	Percent of union members affected by -			Trade	Percent of union members affected by -		
	No change	Increase	Decrease		No change	Increase	Decrease
All building trades	99.3	0.7	(1/)	Journeymen: - Continued			
Journeymen	100.0	-	(1/)	Roofers, composition	100.0	-	-
Asbestos workers	100.0	-	-	Roofers, slate and tile	100.0	-	-
Boilermakers	100.0	-	-	Sheet-metal workers	100.0	-	-
Bricklayers	100.0	-	-	Steam and sprinkler fitters	100.0	-	-
Carpenters	100.0	-	-	Stonemasons	100.0	-	-
Cement finishers	100.0	-	-	Structural-iron workers	100.0	-	-
Electricians (inside wiremen)	100.0	-	-	Tile layers	100.0	-	-
Elevator constructors	100.0	-	-	Helpers and laborers	96.4	3.6	-
Glaziers	100.0	-	-	Bricklayers' tenders	96.2	3.8	-
Lathers	100.0	-	-	Building laborers	96.6	3.4	-
Machinists	100.0	-	-	Composition roofers' helpers	100.0	-	-
Marble setters	100.0	-	-	Elevator constructors' helpers	100.0	-	-
Mosaic and terrazzo workers	100.0	-	-	Marble setters' helpers	100.0	-	-
Painters	99.9	-	0.1	Plasterers' laborers	91.9	8.1	-
Paperhanglers	100.0	-	-	Plumbers' laborers	100.0	-	-
Plasterers	100.0	-	-	Terrazzo workers' helpers	100.0	-	-
Plumbers	100.0	-	-	Tile layers' helpers	100.0	-	-
Rodmen	100.0	-	-				

1/ Less than 0.05 percent.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952

/ Hours are 40 per week for both years unless otherwise indicated.

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
ATLANTA, GA.			BALTIMORE, MD. - Continued			BIRMINGHAM, ALA.		
Journeymen			Journeymen - Continued			Journeymen		
Asbestos workers	\$2.500	\$2.625	Carpenters, millwrights, and pile drivers	\$2.420	\$2.580	Asbestos workers	\$2.500	\$2.625
Boilermakers	2.475	2.600	Cement finishers	2.360	2.450	Bricklayers	2.750	3.000
Bricklayers	2.750	2.900	Electricians (inside wiremen)	2.750	2.750	Carpenters, floor layers, pile drivers	2.125	2.240
Carpenters, millwrights, and pile drivers	2.000	2.200	Elevator constructors	2.710	2.850	Millwrights	2.250	2.365
Cement finishers	2.310	2.310	Engineers - Power equipment operators:			Cement finishers	2.280	2.380
Electricians (inside wiremen)	2.500	2.600	Building construction: Heavy equipment: Derricks, power cranes, shovels, elevating graders	2.600	2.850	Electricians (inside wiremen)	2.500	2.750
Elevator constructors	2.520	2.610	Medium equipment: Temporary elevators, concrete pumps, single-drum hoists ...	2.025	2.200	Elevator constructors	2.445	2.580
Engineers - Power equipment operators:			Light equipment: Compressors and pumps ..	2.025	2.200	Engineers - Power equipment operators:		
Air compressors, portable and stationary	1.500	1.800	Bulldozers	1.825	2.000	Air compressors	1.925	2.025
Bulldozers:			Heavy construction: Heavy equipment: Whirlies, derricks, cranes, shovels, and pile drivers	2.600	2.850	Bulldozers	2.090	2.190
Under 40 horsepower	1.500	1.800	Medium equipment: Hoists (single drum), compressors, pumps ...	2.025	2.200	Cranes, derricks, and draglines	2.340	2.440
40 horsepower and over ..	1.750	2.075	Light equipment: Tractors with attachment	1.825	2.000	Finishing machines	1.925	2.025
Cranes, derricks, drag- lines, and pile drivers ..	2.250	2.600	Heavy construction:			Graders: Blade	2.035	2.135
Graders, elevating	2.250	2.400	Heavy equipment:			Motor	2.200	2.300
Hoists:			Whirlies, derricks, cranes, shovels, and pile drivers	2.600	2.850	Hoists: 1 drum	2.060	2.160
1 drum	1.750	2.000	Medium equipment: Hoists (single drum), compressors, pumps ...	2.025	2.200	2 drums	2.340	2.440
2 drums	2.000	2.350	Light equipment: Tractors	1.825	2.000	Mixers: Under 5 bags	1.925	2.025
3 drums	2.250	2.550	Structural steel	2.175	2.375	5 bags and over	2.340	2.440
Locomotives	1.750	1.900	Paperhangers	2.050	2.250	Pile drivers	2.340	2.440
Mixers:			Plasterers	2.500	2.750	Pumps	1.925	2.025
Under 5 bags	1.500	1.650	Plasterers	2.500	2.750	Rollers	2.060	2.160
5 bags and over	1.750	1.900	Plumbers	2.500	2.800	Scrapers	2.340	2.440
Pumps	1.500	1.650	Rodmen	2.470	2.750	Shovels	2.340	2.440
Rollers	1.500	1.800	Roofers, composition: First hand	2.040	2.600	Tractors	2.060	2.160
Scrapers	1.750	2.075	Second hand	2.040	2.200	Trenching machines	2.340	2.440
Shovels	2.250	2.600	Roofers, slate and tile	2.370	2.480	Glaziers	2.060	2.250
Tractors:			Sheeters and precast slabmen	2.420	2.680	Glaziers	2.060	2.250
40 horsepower and under ..	1.500	1.650	Sheet-metal workers	2.500	2.800	Lathers (wood, metal, wire)	2.250	2.250
Over 40 horsepower	1.750	1.900	Sign painters	2.200	2.200	Marble setters	2.500	2.500
With special equipment ..	1.750	2.075	Steam fitters	2.500	2.800	Mosaic and terrazzo workers	2.500	2.500
Trenching machines	2.000	2.350	Stonemasons	3.200	3.200	Painters	2.250	2.250
Glaziers	2.000	2.200	Structural-iron workers	2.800	3.050	Spray	2.250	2.250
Lathers	2.500	2.500	Sheeters	3.050	3.300	Structural steel, stage	2.500	2.500
Machinists	2.500	2.500	Tile layers	2.500	2.750	and swing stage	2.500	2.500
Mosaic and terrazzo workers ..	2.750	2.750	Helpers and laborers			Paperhangers	2.250	2.250
Painters	2.000	2.200	Helpers and laborers			Plasterers	2.420	2.520
Structural steel and swinging stage	2.250	2.250	Helpers and laborers			Plumbers	2.500	2.650
Paperhangers	2.250	2.450	Bricklayers' tenders	1.480	1.590	Rodmen	2.170	2.250
Plasterers	2.500	2.500	Building laborers	1.380	1.490	Roofers, composition, flat	1.760	1.870
Plumbers	2.750	2.900	Composition roofers' helpers	(1/)	1.490	Roofers, composition, steep	1.935	2.150
Rodmen	2.060	2.200	Elevator constructors' helpers			Roofers, slate and tile, slabbers and sheeters	1.935	2.150
Roofers, composition	1.750	1.750	Marble setters' helpers	1.900	1.995	Sheet-metal workers	2.200	2.490
Roofers, slate and tile	1.750	1.750	Plasterers' laborers	1.650	1.790	Sign painters	2.250	2.350
Sheet-metal workers	2.000	2.200	Hod carriers	1.480	1.590	Steam fitters	2.500	2.650
Sign painters	2.000	2.000	Hod carriers	1.700	1.800	Stonemasons	2.750	3.000
Steam fitters	2.750	2.900	Mortar mixers	1.480	1.590	Structural- and ornamental- iron workers	2.420	2.500
Stonemasons	2.750	2.900	Plumbers' helpers	1.380	1.490	Buckers-up	2.545	2.625
Structural- and ornamental- iron workers	2.335	2.450	Tile layers' helpers	1.650	1.790	Sheeters	2.670	2.750
Tile layers	2.750	2.750	Helpers and laborers			Tile layers	2.500	2.500
Helpers and laborers			Helpers and laborers			Helpers and laborers		
Bricklayers' tenders	1.100	1.300	Bricklayers' tenders	1.480	1.590	Bricklayers' tenders	1.100	1.225
Mortar mixers	(1/)	1.300	Building laborers	1.380	1.490	Mortar mixers	1.200	1.325
Building laborers	1.050	1.200	Composition roofers' helpers	(1/)	1.490	Building laborers	1.100	1.225
Elevator constructors' helpers	1.760	1.830	Elevator constructors' helpers			Elevator constructors' helpers	1.710	1.805
Plasterers' laborers	1.100	1.300	Marble setters' helpers	1.900	1.995	Marble setters' helpers	1.100	1.225
Plumbers' laborers	1.000	1.000	Plasterers' laborers	1.650	1.790	Plasterers' laborers	1.150	1.275
BALTIMORE, MD.			Hod carriers	1.480	1.590	Hod carriers	1.150	1.275
Journeymen			Plumbers' helpers	1.480	1.590	Plumbers' laborers	1.200	1.225
Asbestos workers	2.500	2.625	Terrazzo workers'			Steam and sprinkler fitters' helpers	1.200	1.225
Boilermakers	2.610	2.760	helpers	1.600	1.760	Terrazzo workers'		
Bricklayers	3.200	3.200	Tile layers' helpers	1.650	1.790	helpers	1.100	1.225

/ Information not available for rate and hours on July 1, 1951.

TABLE 14.—Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952—Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
BOSTON, MASS.			BUFFALO, N. Y.			BUFFALO, N. Y. — Continued		
Journeymen			Journeymen			Helpers and laborers — Continued		
Asbestos workers	\$2.695	\$2.780	Asbestos workers	\$2.650	\$2.865	Plumbers' laborers	\$2.065	\$2,360
Boilermakers	2.600	2.750	Boilermakers	2.800	2.910	Terrazzo workers' helpers ...	2.075	2,175
Bricklayers	2.888	3.000	Bricklayers	3.020	3.070	Terrazzo grinders	1.925	2,250
Carpenters	2.475	2.625	Carpenters	2.700	2.815	Tile layers' helpers	2.075	2,175
Cement finishers	2.888	3.000	Millwrights	2.750	2.775			
Electricians (inside wiremen)	2.800	2.800	Cement finishers	2.660	2.770	BUTTE, MONT.		
Elevator constructors	2.645	2.790	Swing scaffold	2.930	3.040			
Engineers — Power equipment operators:			Machine operators	2.830	2.940	Journeymen		
Building construction:			Swing scaffold	3.080	3.140			
Heavy equipment:			Electricians (inside wiremen)	2.750	2.900	Bricklayers	2/2.500	2/2.500
Power shovels, pile drivers, hoisting engines	2.800	3.000	Elevator constructors	2.860	2.910	Carpenters	2.340	2,500
Medium equipment:			Engineers — Power equipment operators:			Cement finishers	2/2.500	2/2.500
Bulldozers, concrete mixers, steam boilers, steamboilers .	2.425	2.625	Building construction:			Electricians (inside wiremen)	2.630	2,750
Light equipment:			Heavy equipment:			Elevator constructors	2.570	2,570
Pumps, compressors, welding machines	2.350	2.550	Shovels, cranes, derricks	2.830	2.940	Engineers — Power equipment operators:		
Heavy construction:			Medium equipment:			Building construction:		
Heavy equipment:			Carry-alls, trenching machines	2.705	2.815	Heavy equipment:		
Power shovels, pile drivers, lighters ...	2.800	3.000	Hoists	2.665	2.775	Shovels - under 1 yard	2.200	2,350
Medium equipment:			Light equipment:			Shovels - 1 yard to and including 4 yards	2.360	2,510
Concrete mixers, steam boilers, bulldozers ...	2.425	2.625	Compressors, mechanical heaters	2.445	2.565	Tractors	2.200	2,350
Light equipment:			Pumps	2.580	2.690	Medium equipment:		
Pumps, compressors, welding machines	2.350	2.550	Heavy construction:			Hoists - single drum ..	1.980	2,130
Glaziers	2.225	2.225	Heavy equipment:			Hoists - 2 or more drums	2.200	2,350
Granite cutters	2.775	2.775	Shovels, cranes, backhoes	2.830	2.940	Air compressors - single	1.920	2,070
Lathers	2.970	2.970	Medium equipment:			Air compressors - 2 or more	1.920	2,070
Machinists	2.750	2.750	Graders, carry-alls, trenching machines ...	2.705	2.815	Mixers, concrete - 4 bags or over	2.040	2,190
Marble setters	2.610	2.775	Light equipment:			Light equipment:		
Mosaic and terrazzo workers	2.610	2.775	Compressors, heating boilers	2.455	2.565	Mixers, concrete - 3 bags or under	1.920	2,070
Painters	2.250	2.400	Pavers	2.830	2.940	Scoopmobiles and similar type loaders ..	1.920	2,070
Spray	3.000	3.200	Lathers	2.250	2.350	A-frame truck cranes ..	1.980	2,130
Structural steel	2.400	2.550	Machinists	2.650	2.900	Heavy construction:		
Plasterers	2.970	2.970	Marble setters	2.585	2.815	Heavy equipment:		
Plumbers	2.695	2.695	Painters	2.475	2.750	Shovels - under 1 yard	2.200	2,350
Rodmen	2.750	2.820	Spray and structural steel	2.338	2.585	Shovels - 1 yard to and including 4 yards	2.360	2,510
Roofers, composition	2.400	2.510	Swinging and steel swinging scaffold	2.338	2.585	Cat tractors; all types	2.200	2,350
Roofers, slate and tile	2.400	2.510	Paperhanglers	2.338	2.585	Medium equipment:		
Sheet-metal workers	2.550	2.670	Plasterers	2.900	3.040	Crushers	2.200	2,350
Sign painters	1.950	2.030	Plumbers	2.900	2.900	Pile drivers	2.200	2,350
Letterers (outdoor)	2.075	2.160	Rodmen	2.830	2.940	Light equipment:		
Pictorial	2.275	2.370	Roofers, composition	2.365	2.660	Air compressors - single	1.750	1,900
Steam fitters	2.695	2.800	Roofers, slate and tile	2.550	2.810	Air compressors - 2 or more	1.920	2,070
Sprinkler fitters	2.695	2.845	Sheet-metal workers	2.525	2.820	Loaders. (Barber Green and similar types) ...	1.870	2,020
Stonecutters:			Sign painters	2.390	2.520	Glaziers	1.750	1,750
Inside	2.338	2.338	Pictorial	2.520	2.650	Lathers	3.125	3,125
Outside	2.888	2.888	Steam fitters	2.800	2.895	Marble setters	2/2.500	2/2.500
Carvers:			Sprinkler fitters	2.620	2.925	Mosaic and terrazzo workers		
Inside	2.588	2.588	Stonecutters (curb)	2.475	2.650	Workers		
Outside	3.138	3.138	Building, fitting, and cutting	2.475	2.650	Painters	2/2.500	2/2.500
Artificial stone patchers:			Stonemasons	2.475	2.650	Paperhanglers	3/2.286	3/2.286
Inside	2.090	2.090	Structural and ornamental iron workers	2.830	2.940	Plasterers	2/2.500	2/2.500
Outside	2.888	2.888	Tile layers	2.475	2.750	Plumbers	2.750	2,880
Stonemasons	2.888	3.000			Rodmen	2.250	2,435	
Structural-iron workers	2.750	2.820			Roofers, composition	4/1.750	4/2.025	
Tile layers	2.610	2.775			Sheet-metal workers	2.375	2,625	
Helpers and laborers					Steam fitters	2.750	2,880	
Bricklayers' tenders	1.815	1.930	Helpers and laborers			Stonemasons	2/2.500	2/2.500
Building laborers	1.815	1.930	Bricklayers' tenders	2.020	2.110	Structural-iron workers	2.250	2,435
Composition roofers' helpers	1.770	1.850	Building laborers	2.020	2.110	Tile layers	2/2.500	2/2.500
Elevator constructors' helpers	1.850	1.950	Elevator constructors' helpers	2.000	2.035			
Marble setters' helpers	1.925	2.050	Marble setters' helpers	2.075	2.175			
Plasterers' helpers	1.980	2.100	Plasterers' laborers	1.915	2.210			
Terrazzo workers' helpers	2.000	2.125	Mortar mixers	1.965	2.260			
Tile layers' helpers	1.925	2.050						

2/ 30-hour workweek.

3/ 35-hour workweek.

4/ 48-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
BUTTE, MONT. - Continued			CHARLESTON, S. C. - Continued			CHARLOTTE, N. C.		
Helpers and laborers	\$ 2/1.875	\$ 2/1.875	Helpers and laborers - Continued	\$ 0.900	\$ 0.900	Journeymen	\$ 2.330	\$ 2.625
Bricklayers' tenders	2/1.875	2/1.875	Building laborers	0.900	0.900	Asbestos workers	2.475	2.600
Building laborers	4/1.500	4/1.725	Elevator constructors'			Boilermakers	2.475	2.625
Elevator constructors'			helpers	1.590	1.745	Bricklayers	2.475	2.625
helpers	1.880	1.880	Plasterers' laborers	1.000	1.000	Carpenters, floor layers	1.850	1.950
Marble setters' helpers	2/1.875	2/1.875	CHARLESTON, W. VA.			Millwrights, pile drivers,		
Plasterers' laborers	2/1.875	2/1.875				wharf and bridge	2.000	2.200
Terrazzo workers' helpers	2/1.875	2/1.875				Cement finishers	1.800	1.900
Tile layers' helpers	2/1.875	2/1.875	Journeymen			Electricians (inside wiremen)	2.000	2.200
CHARLESTON, S. C.			Asbestos workers	2.450	2.450	Engineers - Power equipment		
Journeymen			Boilermakers	2.610	2.760	operators:		
Asbestos workers	2.500	2.500	Bricklayers	3.000	3.150	Air compressors	1.875	1.875
Boilermakers	2.475	2.600	Carpenters	2.340	2.575	Bulldozers	1.875	1.875
Bricklayers	2.500	2.500	Millwrights	2.555	2.700	Cranes, derricks,		
Carpenters, pile drivers	1.925	1.925	Pile drivers	2.555	2.555	draglines	2.125	2.125
Millwrights, wharf and			Cement finishers	2.250	2.250	Graders	2.000	2.000
bridge	2.200	2.200	Electricians (inside wiremen)	2.550	2.675	Hoists:		
Parquetry floor layers			Elevator constructors	2.555	2.555	1 drum	1.625	1.625
(soft floor)	2.100	2.100	Engineers - Power equipment			2 or more drums	1.875	1.875
Cement finishers	1.750	1.750	operators:			Boom	2.125	2.125
Electricians (inside wiremen)	2.350	2.500	Building construction:			Locomotives	1.625	1.625
Elevator constructors	2.270	2.495	Heavy equipment:			Mixers:		
Engineers - Power equipment			Cranes, derricks,			Smaller than 10S	1.625	1.625
operators:			shovels			Larger than 10S	1.750	1.750
Air compressors	1.750	1.850	Light equipment:			Pile drivers	2.250	2.250
Bulldozers	1.750	2.150	Compressors, hoists,			Pumps:		
Cranes, derricks, and			welding machines			Under 2 inches	1.625	1.625
draglines	2.250	2.400	Heavy construction:			Over 2 inches	1.750	1.750
Graders (motor)	(1/)	2.150	Heavy equipment:			Rollers:		
Hoists:			Cranes, draglines,			Asphalt	2.000	2.000
1 drum	2.000	1.850	shovels			Earth	1.870	1.870
2 or more drums	2.250	2.150	Medium equipment:			Scrapers	2.125	2.125
Locomotives	(1/)	2.400	Cranes, draglines,			Shovels	2.125	2.125
Mixers (concrete) 10S			shovels			Trenching machines	2.125	2.125
or less	1.750	1.850	Light equipment:			Tractors (with		
Mixers (concrete) over 10S	(1/)	2.150	bulldozers, Le Tour-			attachments)	2.125	2.125
Pumps, 2½ inch and over	(1/)	1.600	neaus, scoops	2.050	2.100	Glaziers	1.650	1.650
Rollers	(1/)	1.850	Glaziers	2.175	2.175	Lathers	2.500	2.500
Scrapers	(1/)	2.150	Lathers (wood, wire			Marble setters	2.500	2.500
Shovels	(1/)	2.400	and metal)	2.340	2.500	Mosaic and terrazzo		
Tractors, under 50 horse-			Marble setters	2.800	2.900	workers	2.500	2.500
power	(1/)	1.600	Mosaic and terrazzo			Painters	1.650	1.650
Tractors, 50 horsepower			workers	2.800	2.900	Spray	2.200	2.200
and over	(1/)	1.850	Painters	2.200	2.250	Structural steel, stage		
Trenching machines	(1/)	2.150	Spray and structural			work	2.090	2.090
Glaziers:			steel	2.475	2.475	Tanks, towers, and		
Wood	1.750	1.750	Paperhangars	2.200	2.250	hazardous work	2.200	2.200
Steel	2.250	2.250	Plasterers	2.500	2.500	Paperhangars	2.090	2.090
Painters	1.750	1.750	Plumbers	2.475	2.610	Plasterers	2.250	2.250
Spray	2.500	2.500	Rodmen	2.500	2.700	Rodmen	2.375	2.375
Structural steel and			Steam fitters (pipe			Sheet-metal workers	2.000	2.100
swinging stage	2.250	2.250	fitters)	2.475	2.610	Steam and sprinkler fitters	2.375	2.375
Paperhangars	1.750	1.750	Roofers, composition	1.925	1.925	Structural- and ornamental-		
Plasterers	2.500	2.500	Roofers, slate and tile	1.925	1.925	iron workers	2.125	2.250
Plumbers	2.500	2.750	Sheet-metal workers	2.300	2.500	Reinforcing steel workers	1.875	2.000
Rodmen	2.000	2.200	Sign painters	2.175	2.175	Sheeters	2.375	2.500
Sheet-metal workers	2.000	2.000	Steam fitters	2.750	2.950	Tile layers	2.500	2.500
Sign painters	1.750	1.750	Tile layers	2.800	2.900	Helpers and laborers		
Steam fitters	2.500	2.750	Bricklayers' tenders	1.750	1.750			
Structural- and ornamental-			Mortar mixers	1.750	1.750	Hod carriers .....	.950	1.000
iron workers	2.250	2.475	Building laborers	1.600	1.600	Mortar mixers	1.050	1.100
Buckers-up	2.250	2.250	Elevator constructors'			Concrete workers .....	.950	1.000
Sheeters	2.500	2.725	helpers	1.790	1.790	Plasterers' laborers .....	.950	1.000
Tile layers	2.500	2.500	Plasterers' laborers	1.750	1.750			
Helpers and laborers			Plumbers' laborers	1.600	1.600	CHATTANOOGA, TENN.		
Bricklayers' tenders	1.000	1.000			Journeymen			
Hod carriers .....	.900	.900						
Mortar mixers, hand	1.100	1.100						
Mortar mixers, machine	1.250	1.250						

1/ Information not available for rate and hours on July 1, 1951.

2/ 30-hour workweek.

4/ 48-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
CHATTANOOGA, TENN. - Continued			CHICAGO, ILL.			CINCINNATI, OHIO - Continued		
Journeymen - Continued			Journeymen			Journeymen - Continued		
Carpenters:			Asbestos workers	\$2.700	\$2.950	Bricklayers	\$2.840	\$3.120
Commercial	\$2.300	\$2.375	Boilermakers	2.750	3.000	Carpenters	2.475	2.625
Residential	2.150	2.275	Bricklayers	2.750	3.175	Millwrights	2.585	2.790
Millwright, wharf and bridge, and pile drivers	2.300	2.375	Sewer, tunnel, etc.	3.200	3.425	Parquetry floor layers	2.475	2.625
Cement finishers	2.050	2.200	Carpenters	2.700	2.950	Wharf and bridge	2.475	2.625
Electricians (inside wiremen)	2.500	2.600	Cement finishers	2.700	2.850	Cement masons	2.365	2.500
Elevator constructors	2.460	2.460	Electricians (inside wiremen)	2.775	3.030	Electricians (inside wiremen)	2.700	2.900
Engineers - Power equipment operators:			Elevator constructors	2.760	2.895	Elevator constructors	2.550	2.700
Air compressors:			Engineers - Power equipment operators:			Engineers - Power equipment operators:		
1 portable	1.500	1.600	Building construction:			Building construction:		
2 not more than 3 portable	1.800	1.930	Heavy equipment:			Heavy equipment:		
Bulldozers	2.000	2.150	Draglines, mixers, and shovels	3.000	3.150	Cranes, derricks, and power shovels	2.600	2.800
Grares, derricks, drag- lines, pile drivers	2.250	2.375	Medium equipment:			Medium equipment:		
Graders	2.000	2.150	Cranes, mobile	2.700	2.900	Power graders, and trenching machines ...	2.350	2.550
Holsts:			Derricks and hoists ...	2.650	2.800	Rollers	2.225	2.425
1 drum	1.800	1.930	Light equipment:			Light equipment:		
2 drums	2.000	2.150	Bulldozers	2.400	2.550	Bulldozers	2.350	2.550
Locomotive:			Le Tourneau scoops	2.540	2.700	Compressors	2.225	2.425
Under 20 tons	1.800	1.930	Power blades	2.625	2.800	Pumps, under 4 inch ...	1.825	2.025
20 tons and over	2.000	2.150	Heavy construction:			Pumps, 4 inch and over	2.225	2.425
Mixers (over 2 bags - not to include central plants)	1.800	1.930	Heavy equipment:			Heavy construction:		
Pumps:			Draglines, large mixers, and shovels ..	4/3.000	4/3.000	Heavy equipment:		
1 pump	1.500	1.600	Medium equipment:			Cranes, derricks, and power shovels	2.600	2.800
2 not more than 3	1.800	1.930	Cranes, mobile	4/2.700	4/2.700	Medium equipment:		
Rollers	1.800	1.930	Hoists	4/2.650	4/2.650	Power graders, and trenching machines ...	2.350	2.550
Scrapers	2.000	2.150	Light equipment:			Rollers	2.225	2.425
Shovels	2.250	2.375	Bulldozers	4/2.370	4/2.550	Light equipment:		
Tournapulls	2.250	2.375	Le Tourneau scoops	4/2.540	4/2.700	Bulldozers	2.350	2.550
Tractors	1.800	1.930	Power blades	4/2.600	4/2.615	Compressors	2.025	2.225
Trenching machines	2.000	2.150	Glaziers	2.800	3.065	Pumps, under 4 inch ...	1.825	2.025
Glaziers	1.925	2.075	Granite cutters	2.850	3.175	Pumps, 4 inch and over	2.225	2.425
Lathers	2.250	2.250	Lathers (wood, wire, and metal)	2.750	3.175	Glaziers	2.500	2.610
Marble setters	2.750	2.875	Machinists	2.600	2.750	Lathers, wood and metal	2.585	2.650
Mosaic and terrazzo workers	2.750	2.875	Marble setters and cutters ..	2.700	2.700	Machinists	2.500	2.735
Painters	1.925	2.075	Mosaic and terrazzo workers ..	2.700	2.700	Marble setters	2.840	3.120
Spray	3.025	3.100	Painters	2.600	2.750	Mosaic and terrazzo		
Structural steel erected, scaffold over 20 feet	2.200	2.275	Sheet-metal workers	2.695	3.000	Plasterers	2.670	2.900
Structural steel on ground	1.925	2.000	Sign painters	2.740	2.850	Plasterers	2.640	2.725
Swing scaffold	2.200	2.275	Steam fitters	2.700	3.000	Plumbers	2.700	2.725
Paperhangars	2.200	2.200	Sprinkler fitters	2.695	2.750	Rodmen	2.500	2.650
Plasterers	2.500	2.650	Stonemasons	2.750	3.175	Rodmen	2.255	2.405
Plumbers	2.500	2.500	Stonemasons	2.750	3.175	Roofers, composition	2.350	2.430
Rodmen	2.350	2.475	Structural-iron workers	2.750	3.000	Roofers, slate and tile	2.310	2.430
Roofers, composition	2.000	2.250	Ornamental-iron finishers ..	2.700	3.000	Pipe fitters	2.640	2.800
Roofers, slate and tile	2.250	2.500	Tile layers, ceramic	2.700	2.700	Plasterers	2.670	2.900
Sheet-metal workers	2.250	2.350	Metal, plastic, and composition	2.575	2.575	Plumbers	2.640	2.725
Steam fitters	2.500	2.500	Helpers and laborers			Rodmen	2.500	2.650
Stonemasons	2.750	2.875	Bricklayers' tenders	2.000	2.150	Roofers, composition	2.255	2.405
Structural- and ornamental- iron workers	2.350	2.475	Building laborers	2.000	2.150	Roofers, slate and tile	2.350	2.600
Tile layers	2.750	2.875	Elevator constructors' helpers	1.930	2.030	Pipe fitters	2.450	2.700
Helpers and laborers			Marble setters' helpers	2.000	2.150	Stonemasons	2.350	2.600
Bricklayers' tenders	1.300	1.300	Plasterers' laborers	2.125	2.275	Structural-iron workers	2.500	3.120
Mortar mixers	1.400	1.400	Terrazzo workers' helpers ..	2.200	2.350	Structural-iron workers	2.500	2.815
Building laborers	1.200	1.200	Base-machine operators ..	2.450	2.600	Tile layers	2.640	2.820
Composition roofers' helpers	1.200	1.300	Tile layers' helpers	1.950	1.950			
Elevator constructors' helpers	1.720	1.720	CINCINNATI, OHIO					
Marble setters' helpers	1.300	1.300	Journeymen					
Plasterers' laborers	1.300	1.300	Asbestos workers	2.550	2.705	Helpers and laborers		
Plumbers' laborers	1.200	1.200	Boilermakers	2.475	2.700	Bricklayers' tenders	1.850	2.120
Tile layers' helpers	1.300	1.300				Hod carriers	1.850	2.120
						Building laborers	1.650	1.920
						Elevator constructors' helpers	1.785	1.890
						Marble setters' helpers	2.000	2.090
						Marble polishers	2.180	2.255
						Floor grinders	2.180	2.255
						Plasterers' laborers	1.850	2.120
						Plumbers' laborers	1.650	1.920
						Sewer pipe layers	1.650	1.920
						Terrazzo workers' helpers ..	1.950	2.000
						Base grinders	2.320	2.420
						Tile layers' helpers	1.850	1.890

4/ 48-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
CLEVELAND, OHIO			COLUMBUS, OHIO - Continued			DALLAS, TEX. - Continued		
Journeymen			Journeymen - Continued			Journeymen - Continued		
Asbestos workers	\$2.650	\$2.900	Carpenters	\$2.393	\$2.550	Engineers - Power equipment operators: - Continued		
Boilermakers	2,665	2,975	Millwrights	2,518	2,675	Carry-alls	\$2,250	\$2,500
Bricklayers	2,700	3,120	Parquetry and linoleum tile	2,393	2,550	Cranes, derricks, and drag-lines	2,250	2,500
Caisson and sewer	3,200	3,575	Wharf and bridge	2,518	2,675	Hoists:		
Carpenters	2,825	3,075	Cement finishers	2,325	2,450	1-drum	2,000	2,250
Cement finishers	2,650	2,900	Electricians (inside wiremen)	2,613	2,625	2 or more drums	2,250	2,500
Electricians (inside wiremen)	2,825	3,075	Elevator constructors	2,515	2,515	Mixers:		
Elevators constructors	2,810	3,050	Engineers - Power equipment operators:			Less than 14 cubic feet	2,000	2,250
Engineers - Power equipment operators:			Building construction:			14 cubic feet and over	2,250	2,500
Building and heavy construction:			Heavy equipment:			Pumps:		
Heavy equipment:			Cranes (all types), power shovels and derricks	2,600	2,800	1 pump	1,750	2,000
Cranes (all types), power shovels and derricks	2,825	3,000	Medium equipment:			2 or more pumps	2,250	2,500
Medium equipment:			Power graders and trench machines	2,350	2,535	Rollers	2,000	2,250
Power graders and trench machines	2,575	2,750	Rollers	2,350	2,400	Shovels	2,250	2,500
Rollers	2,450	2,625	Light equipment:			Tractors	2,250	2,500
Light equipment:			Bulldozers	2,350	2,535	Glaziers	1,875	2,075
Bulldozers	2,575	2,750	Pumps and compressors	2,225	2,400	Lathers	3,125	3,438
Pump, 4-inch and over	2,450	2,625	Heavy construction:			Machinists	3,000	3,000
Compressors, Bldg. Const.	2,250	2,625	Heavy equipment:			Marble setters	2,500	2,613
Compressors, portable	2,250	2,425	Cranes (all types), power shovels and derricks	2,600	2,800	Painters	2,125	2,250
Glaziers	2,650	2,900	Medium equipment:			Spray, swinging stage	2,375	2,500
Granite cutters, and polishers	2,000	2,000	Power graders and trench machines	2,350	2,535	Paperhangers	2,125	2,250
Inside (surface machine)	2,125	2,125	Rollers	2,350	2,400	Plasterers	3,125	3,438
Outside (surface machine)	2,300	2,300	Light equipment:			Plumbers	2,613	2,763
Lathers	2,825	3,075	Bulldozers	2,350	2,535	Rodmen	2,250	2,350
Machinists	2,750	2,750	Pumps and compressors	2,225	2,400	Roofers, composition	1,925	1,925
Marble setters	2,525	2,780	Glaziers	2,040	2,185	Roofers, slate and tile	2,175	2,175
Mosaic and terrazzo workers	2,525	2,780	Lathers	2,625	2,750	Sheet-metal workers	2,500	2,625
Painters	2,450	2,700	Marble setters	2,375	2,375	Sign painters	2,250	2,250
Fresco	2,450	2,700	Mosaic and terrazzo workers	2,375	2,375	Steam fitters	2,613	2,763
Structural steel, spray and swing stage	2,575	2,825	Painters	2,200	2,375	Stonemasons	3,125	3,125
Paperhangers	2,450	2,700	Structural steel and spray	2,283	2,460	Structural- and ornamental-iron workers	2,500	2,625
Pipe fitters	2,825	3,000	Paperhangers	2,200	2,375	Buckers-up	2,625	2,763
Refrigerator installers	2,825	3,000	Plasterers	2,625	2,750	Sheeters	2,750	2,900
Plasterers	2,825	3,075	Plumbers	2,613	2,750	Tile layers	2,500	2,613
Plumbers	2,825	3,000	Rodmen and reinforcers	2,600	2,750	Helpers and laborers		
Rodmen, reinforcers	2,825	3,075	Roofers, composition	2,250	2,400	Bricklayers' tenders	1,350	1,475
Roofers, composition	2,700	2,950	Roofers, slate and tile	2,250	2,400	Mortar mixers	1,400	1,525
Roofers, slate and tile	2,825	3,075	Sheet-metal workers	2,450	2,625	Building laborers	1,200	1,325
Sheet-metal workers	2,650	2,900	Sign painters	1,950	2,050	Elevator constructors' helpers		
Sign painters	2,500	2,750	Steam fitters	2,613	2,750	helpers	1,900	1,980
Sprinkler fitters	2,700	2,775	Stonemasons, stone setters, cement blockers	2,875	2,875	Plasterers' laborers	1,400	1,525
Stonecutters	2,400	2,700	Structural-iron workers	2,600	2,750	Mortar mixers	1,400	1,525
Stonemasons	2,700	3,120	Tile layers	2,375	2,375	DAYTON, OHIO		
Structural-iron workers	2,825	3,075	Helpers and laborers			Journeymen		
Sheeters	3,075	3,325	Bricklayers' tenders	1,763	1,963			
Sheeters-bucket up	2,950	3,200	Building laborers	1,563	1,763	Asbestos workers	2,500	2,610
Tile layers	2,650	2,900	Elevator constructors' helpers	1,760	1,760	Boilermakers	2,500	2,680
Helpers and laborers			Plasterers' laborers	1,763	1,963	Bricklayers	2,890	3,100
Bricklayers' tenders	2,100	2,325	DALLAS, TEX.			Carpenters	2,500	2,650
Building laborers	2,100	2,325	Journeymen			Cement finishers	2,320	2,470
Elevator constructors' helpers	1,970	2,135	Asbestos workers	2,500	2,613	Electricians (inside wiremen)	2,890	3,020
Marble setters' helpers	2,125	2,125	Bricklayers	3,125	3,125	Elevator constructors	2,550	2,550
Plasterers' laborers	2,100	2,325	Carpenters	2,250	2,488	Engineers - Power equipment operators:		
Plumbers' laborers	2,200	2,200	Millwrights	2,500	2,650	Building construction:		
Terrazzo workers' helpers	2,125	2,125	Cement finishers	2,375	2,500	Heavy equipment:		
Machine operators	2,275	2,275	Electricians (inside wiremen)	2,500	2,750	Cranes (all types), power shovels, and derricks	2,780	2,930
Tile layers' helpers	2,125	2,125	Elevator constructors	2,725	2,830	Medium equipment:		
COLUMBUS, OHIO			Engines - Power equipment operators:			Power graders, and trench machines	2,500	2,650
Journeymen			Air compressors:			Rollers	2,370	2,520
Asbestos workers	2,613	2,613	Under 105 cubic feet	1,750	2,000	Light equipment:		
Boilermakers	2,475	2,700	Over 105 cubic feet	2,000	2,250	Bulldozers	2,500	2,650
Bricklayers	2,750	3,150	Bulldozers	2,250	2,500	Pumps, over 4-inch	2,370	2,520
			Compressors			Compressors	2,370	2,520

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
DAYTON, OHIO - Continued			DENVER, COLO. - Continued			DES MOINES, IOWA - Continued		
<u>Journeymen</u> - Continued			<u>Journeymen</u> - Continued			<u>Journeymen</u> - Continued		
Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators:		
Heavy construction:			Building construction:			Building construction:		
Heavy equipment:			Continued			Heavy equipment:		
Cranes (all types), power shovels, and derricks	\$2.780	\$2.930	Light equipment:			Cranes and shovels - over 3/4 yard capacity	\$2.420	\$2.550
Medium equipment:			One drum hoists	\$2.310	\$2.310	Paving mixers	2.420	2.550
Power graders, and trench machines	2.500	2.650	Pumps	2.310	2.310	Sideboom tractors	2.420	2.550
Rollers	2.370	2.520	Heavy construction:			Medium equipment:		
Light equipment:			Heavy equipment:			Single-drum hoists	2.225	2.375
Bulldozers	2.500	2.650	Shovel type, under 3 yards	2.360	2.360	Compressors (over 110 cubic feet capacity)	2.225	2.375
Pumps, over 4-inch	2.370	2.520	Shovel type, 3 yards and over	2.580	2.580	Scoops and dozers	2.225	2.375
Compressors	2.370	2.520	Euclid loaders	2.430	2.430	Light equipment:		
Glaziers	2.290	2.430	Pull type	2.210	2.210	Compressors (under 110 cubic feet capacity)	1.760	1.945
Lathers	2.670	2.670	Medium equipment:			Welding machines	1.760	1.945
Marble setters	2.620	2.830	Light equipment:			Glaziers		
Mosaic and terrazzo workers	2.620	2.830	Tractors	2.310	2.310	Lathers		
Painters	2.370	2.520	Compressors	2.310	2.310	Machinists		
Swing and scaffold	2.480	2.630	Pumps	2.310	2.310	Marble setters		
Spray	2.780	2.930	Core or diamond drills	2.310	2.310	Mosaic and terrazzo workers		
Structural steel, iron and bridge	2.640	2.790	Glaziers			Workers		
Paperhangers	2.640	2.790	Inside men	2.200	2.350	Painters	2.500	2.500
Plasterers	2.670	2.820	Granite cutters	1.920	1.920	Paperhangers	2.035	2.240
Plumbers	2.620	2.800	Machine men (inside)	1.938	1.938	Plasterers		
Rodmen and reinforcers	2.500	2.600	Machine men (outside)	2.125	2.125	Plumbers		
Roofers, composition	2.280	2.430	Lathers			Refrigeration fitters		
Roofers, slate and tile	2.500	2.650	Machinists	3.000	3.000	Rodmen		
Sheet-metal workers	2.500	2.650	Marble setters	2.350	2.350	Roofers, composition		
Sign painters	2.530	2.530	Mosaic and terrazzo workers	2.600	2.750	Roofers, slate and tile		
Pictorial painters	2.770	2.770	Workers	2.600	2.750	Sheet-metal workers		
Steam fitters	2.620	2.300	Painters			Sign painters		
Stonemasons	2.890	3.100	Spray	2.340	2.390	Steam fitters		
Structural-iron workers	2.670	2.770	Paperhangers			Stonemasons		
Tile layers	2.620	2.830	Plasterers			Structural-iron workers		
<u>Helpers and laborers</u>			Rodmen			Tile layers		
Bricklayers' tenders and hod carriers	1.950	2.100	Roofers, slate and tile	2.350	2.475	Helpers and laborers		
Building laborers	1.680	1.830	Sheet-metal workers	2.325	2.475	Helpers and laborers		
Elevator constructors' helpers	1.785	1.785	Sign painters	2.530	2.640	Bricklayers' tenders	1.650	1.835
Marble setters' helpers	1.740	1.910	Steam fitters	2.500	2.820	Building laborers	1.750	1.930
Painters' helpers, sign and pictorial	2.080	2.080	Stonemasons	3.000	3.000	Elevator constructors' helpers	1.650	1.835
Plasterers' tenders	1.950	2.100	Structural-iron workers	2.300	2.500	Marble setters' helpers	1.760	1.880
Plumbers' laborers	1.680	1.830	Tile layers	2.600	2.750	Plasterers' laborers	1.650	1.835
Terrazzo workers' helpers	1.740	1.910	<u>Helpers and laborers</u>			Terrazzo workers' helpers	1.775	1.960
Bass grinders	2.230	2.440	Bricklayers' helpers			Tile layers' helpers	1.650	1.835
Tile layers' helpers	1.740	1.910	Building laborers			Tile layers' helpers	1.650	1.835
DENVER, COLO.			Elevator constructors' helpers			DETROIT, MICH.		
<u>Journeymen</u>			Marble setters' helpers			<u>Journeymen</u>		
Asbestos workers	2.475	2.750	Plasterers' helpers			Asbestos workers	2.700	3.020
Boilermakers	2.500	2.500	Plumbers' laborers:			Home insulators	2.365	2.365
Bricklayers	3.000	3.000	Drain layers			Boilermakers	2.675	2.980
Sewer work	3.250	3.250	Pipe layers, over 6 inches			Bricklayers	2.850	3.000
Carpenters	2.350	2.625	Terrazzo workers' helpers			Carpenters	2.600	2.750
Cement finishers	2.475	2.475	Helpers			Cement finishers	2.400	2.525
Composition floor layers ..	2.600	2.600	Electricians (inside wiremen)			Electricians (inside wiremen)	2.850	3.000
Electricians (inside wiremen)	2.650	2.900	Elevator constructors			Elevator constructors	2.810	2.920
Elevator constructors	2.650	2.650	Engineers - Power equipment operators:			Engineers - Power equipment operators:		
Engineers - Power equipment operators:			Building construction:			Building construction:		
Building construction:			Heavy equipment:			Heavy equipment:		
Derricks, guy and stiff leg	2.480	2.480	Cranes on steel			Cranes on steel		
Shovel type	2.480	2.480	Pile drivers (not on steel)			Pile drivers (not on steel)		
Multiple drum hoists	2.480	2.480	Shovel combinations			Shovel combinations		
Medium equipment:			Medium equipment:			Medium equipment:		
Tractors	2.310	2.310	Bulldozers			Bulldozers		
Concrete pavers	2.310	2.310	Derricks (on steel)			Derricks (on steel)		
DES MOINES, IOWA			Derricks (not on steel)			Derricks (not on steel)		
<u>Journeymen</u>			Electricians (inside wiremen)			Steel)		
Asbestos workers			Elevator constructors			Steel)		
Bricklayers						Steel)		
Carpenters						Steel)		
Cement finishers						Steel)		
Electricians (inside wiremen)						Steel)		
Elevator constructors						Steel)		
Engineers - Power equipment operators:						Steel)		
Building construction:						Steel)		
Derricks, guy and stiff leg						Steel)		
Shovel type						Steel)		
Multiple drum hoists						Steel)		
Medium equipment:						Steel)		
Tractors						Steel)		
Concrete pavers						Steel)		

TABLE 14.—Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952—Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
DETROIT, MICH. — Continued			DULUTH, MINN.			EL PASO, TEX. — Continued		
Journeymen — Continued			Journeymen			Journeymen — Continued		
Engineers — Power equipment operators: — Continued			Asbestos workers	\$2.250	\$2.250	Carpenters	\$2.250	\$2.250
Building construction: — Continued			Boilermakers	2.500	2.500	Millwrights	2.500	2.500
Light equipment:			Bricklayers	2.600	2.790	Cement finishers	2.250	2.250
Compressors (on steel). .	\$2.800	\$3.000	Carpenters	2.125	2.125	Electricians (inside wiremen)	2.500	2.625
Compressors (not on steel) ..	2.350	2.475	Millwrights	2.400	2.400	Elevator constructors	2.470	2.620
Hoists (on steel)	2.800	3.000	Cement masons	2.000	2.000	Engineers — Power equipment operators:		
Hoists (not on steel)	2.600	2.750	Electricians (inside wiremen)	2.300	2.420	Air compressors	2.200	2.350
Heavy construction:			Elevator constructors	2.440	2.440	Bulldozers	2.200	2.350
Heavy equipment:			Building construction:			Cranes and draglines:		
Cranes (on steel)	2.800	3.000	Heavy equipment:			Under 3 yards	2.350	2.500
Pile drivers (not on steel)	2.600	2.750	Derricks, cranes, and shovels	2.500	2.570	3 yards and over	2.550	2.700
Shovel combinations	2.600	2.750	Pumpcretes	2.390	2.450	Derricks	2.350	2.500
Medium equipment:			Medium equipment:			Graders, elevating	2.200	2.350
Bulldozers	2.600	2.750	Hoists, concrete mixers	2.280	2.350	Hoists:		
Trenchers	2.600	2.750	Mechanics, welders	2.280	2.350	1 drum	2.200	2.350
Light equipment:			Light equipment:			2 drums	2.350	2.500
Hoists (on steel)	2.800	3.000	Compressors	1.950	2.020	Mixers:		
Hoists (not on steel)	2.600	2.750	Firemen	1.780	1.850	Under 1 yard	2.200	2.350
Compressors (on steel). .	2.800	3.000	Oilers	1.670	1.750	1 yard and over	2.350	2.500
Compressors (not on steel) ..	2.350	2.475	Heavy construction:			Pile drivers	2.350	2.500
Pumps	2.600	2.750	Heavy equipment:			Pumps	2.200	2.350
Glaziers	2.200	2.400	Shovels, cranes, derricks, and dredges	2.450	2.570	Rollers	2.200	2.350
Lathers	2.890	2.890	Medium equipment:			Scrapers	2.200	2.350
Marble setters	2.750	3.050	Mechanics, welders	2.220	2.350	Shovels:		
Mosaic and terrazzo workers ..	2.625	2.775	Bulldozers, scrapers	2.220	2.350	Under 3 yards	2.350	2.500
Painters	2.350	2.625	Graders, motor patrols	2.220	2.350	3 yards and over	2.550	2.700
Spray and swing stage	2.600	2.875	Light equipment:			Tractors:		
Paperhangers	2.350	2.625	Compressors	1.900	2.020	35 horsepower and under and without power attachments	1.650	1.800
Plasterers:			Loaders, Barber Green operators	2.000	2.130	Over 35 horsepower and with power attachments	2.200	2.350
Commercial	2.890	3.000	Finishing machines	1.900	2.130	Trenching machines	2.200	2.350
Residential	3.000	3.000	Glaziers	1.900	2.100	Glaziers	1.750	1.750
Plumbers	2.700	2.825	Lathers	2.400	2.550	Lathers	2.750	2.750
Rodmen, reinforced steel workers	2.475	2.600	Marble setters	2.200	2.350	Marble setters	2.750	2.875
Roofers, composition and pre-cast tile	2.640	2.775	Mosaic and terrazzo workers	(1/)	2.680	Workers	2.750	2.875
Roofers, slate and tile	2.990	3.125	Painters	1.900	1.980	Painters	1.925	2.050
Sheet-metal workers:			Structural steel, swing stage, spray	2.100	2.180	Spray	2.750	2.800
Agreement A	2.625	2.850	Paperhangers	1.900	1.980	Structural steel after erection	2.340	2.425
Agreement B	2.500	2.850	Plasterers	2.575	2.575	Swing stage	2.340	2.425
Sign painters	2.475	2.600	Plumbers	2.250	2.500	Paperhangers	1.925	2.050
Steam fitters	2.700	2.825	Rodmen	2.225	2.225	Plasterers	2.750	2.750
Sprinkler fitters	2.700	2.900	Roofers, composition:			Plumbers	2.500	2.625
Stonemasons	2.850	3.000	Second roofer	1.950	1.950	Rodmen	2.200	2.350
Structural-iron workers	2.900	3.000	Head roofer	2.150	2.150	Sheet-metal workers	2.625	2.750
Riggers	2.500	2.650	Sheet-metal workers	2.250	2.475	Sign painters	2.000	2.000
Tile layers	2.625	2.775	Signt painters	2.100	2.250	Steam fitters	2.500	2.625
Helpers and laborers			Steam fitters	2.250	2.500	Stonemasons	2.750	2.875
Bricklayers' tenders	1.900	2.000	Stonemasons	2.600	2.790	Structural- and ornamental-iron workers	2.450	2.600
Mortar mixers:			Structural-iron workers	2.475	2.475	Tile layers	2.750	2.875
Agreement A	1.950	2.080	Tile layers	2.200	2.350	Helpers and laborers		
Agreement B	1.980	2.080	Helpers and laborers			Bricklayers' tenders	1.600	1.600
Building laborers:			Bricklayers' tenders	1.625	1.800	Building laborers	1.150	1.200
Agreement A	1.870	2.000	Building laborers	1.525	1.700	Elevator constructors' helpers		
Agreement B	1.900	2.000	Semi-skilled helpers	1.625	1.800	Elevator constructors' helpers	1.730	1.840
Elevator constructors' helpers	1.970	2.040	Elevator constructors' helpers	1.710	1.710	Plasterers' laborers	1.600	1.600
Marble setters' helpers	2.125	2.225	Plasterers' laborers	2.100	2.250	Plumbers' laborers	1.200	1.200
Marble polishers and rubbers	2.225	2.325	Plumbers' laborers	1.625	1.800	ERIE, PA.		
Plasterers' laborers	2.325	2.325	EL PASO, TEX.			Journeymen		
Terrazzo workers' helpers	2.150	2.300	Journeymen			Bricklayers	2.750	2.900
Base-machine operators and dry grinders	2.500	2.690	Asbestos workers	2.500	2.613	Carpenters	2.340	2.490
Tile layers' helpers	2.100	2.250	Boilermakers	(1/)	2.550	Cement finishers	2.280	2.430

1/ Information not available for rate and hours on July 1, 1951.

TABLE 14.—Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952—Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
ERIE, PA. - Continued			GRAND RAPIDS, MICH. - Continued			HOUSTON, TEX. - Continued		
<u>Journeymen</u> - Continued			<u>Journeymen</u> - Continued			<u>Journeymen</u> - Continued		
Engineers - Power equipment operators:			Engineers - Power equipment operators: - Continued			Elevator constructors	\$2.650	\$2.840
Building construction:			Building construction:			Engineers - Power equipment operators:		
Heavy equipment:			Continued			Air compressors	2.150	2.150
Cranes and shovels	\$2.700	\$2.700	Bulldozers	\$2.400	\$2.550	Bulldozers	2.525	2.525
Carry-all scoops	2.500	2.500	Derricks (on steel) ...	2.720	2.850	Cranes, derricks, and draglines	2.525	2.525
Medium equipment:			Derricks (not on steel)	2.500	2.650	Grades, blade and elevating:		
Bulldozers	2.400	2.400	Compressors (on steel)	2.720	2.850	Towed	2.150	2.150
Compressors and hoists	2.250	2.250	Compressors (not on steel)	2.150	2.275	Self-propelled	2.525	2.525
Light equipment:			Hoists (on steel)	2.720	2.850	Hoists:		
Rollers, pumps, and welders	2.250	2.250	Hoists (not on steel)	2.400	2.550	1 drum	2.150	2.150
Heavy construction:			Heavy construction:			2 drums or more	2.525	2.525
Heavy equipment:			Heavy equipment:			Locomotives	2.525	2.525
Shovels, cranes, and ditchers	2.650	2.750	Cranes (on steel)	2.720	2.850	Mixers:		
Medium equipment:			Shovel combinations	2.500	2.650	Less than 14 cubic feet	2.150	2.150
Graders, bulldozers, and scoops (carry-all)	2.470	2.570	File drivers	2.500	2.650	14 cubic feet or over	2.525	2.525
Light equipment:			Medium equipment:			Pumps	2.150	2.150
Compressors, pumps, and rollers	2.220	2.320	Bulldozers	2.400	2.550	Scrapers:		
Glaziers	1.750	2.050	Trenchers	2.400	2.550	3 cubic yards or less	2.150	2.150
Lathers	2.750	2.750	Light equipment:			Over 3 cubic yards	2.525	2.525
Marble setters	2.500	2.735	Hoists	2.400	2.550	Tractors	2.525	2.525
Mosaic and terrazzo workers ..	2.500	2.735	Compressors (on steel)	2.720	2.850	Trenching machines	2.525	2.525
Painters	2.035	2.185	Compressors (not on steel)	2.150	2.275	Glaziers	2.275	2.275
Swing	2.145	2.295	Pumps	2.400	2.550	Lathers	3.000	3.125
Spray	2.420	2.570	Glaziers	2.000	2.200	Machinists	2.500	2.650
Structural iron	2.255	2.405	Lathers	2.475	2.625	Marble setters	2.500	2.500
Paperhangers	2.035	2.185	Marble setters	2.750	2.750	Mosaic and terrazzo workers	2.500	2.500
Plasterers	2.475	2.625	Marble setters	2.000	2.000	Painters	2.275	2.275
Plumbers	2.475	2.625	Mosaic and terrazzo workers	2.000	2.000	Steel spray on stage	2.650	2.650
Rodmen	2.610	2.900	Painters	1.870	2.130	Steel brush swing stage	2.400	2.400
Roofers, composition	1.950	2.100	Spray and swing stage	2.120	2.380	Steel spray	2.650	2.650
Roofers, slate and tile	1.950	2.100	Paperhangers	2.120	2.380	Paperhangers	2.275	2.275
Sheet-metal workers	2.200	2.200	Plasterers	2.650	2.750	Plasterers	3.000	3.150
Steam fitters	2.475	2.625	Plumbers	2.530	2.600	Plumbers	2.613	2.750
Stonemasons	2.750	2.900	Rodmen	2.420	2.550	Rodmen	2.400	2.400
Structural-iron workers	2.610	2.900	Roofers, composition	1.950	1.950	Roofers, slate and tile	2.500	2.625
Tile layers	2.500	2.735	Roofers, slate and tile	2.200	2.200	Sheet-metal workers	2.500	2.775
<u>Helpers and laborers</u>			Sheet-metal workers	2.250	2.340	Sign painters	2.500	2.500
Bricklayers' tenders	1.825	1.975	Sign painters	2.000	2.380	Steam fitters	2.613	2.750
Using hod	1.825	1.975	Steam fitters	2.530	2.600	Stonemasons	2.875	3.175
Using wheelbarrow	1.725	1.875	Stonemasons	2.000	3.000	Structural-iron workers	2.525	2.525
Building laborers	1.625	1.775	Tile layers	2.720	2.850	Tile layers	2.500	2.500
Elevator constructors' helpers	1.870	1.870	<u>Helpers and laborers</u>			<u>Helpers and laborers</u>		
Marble setters' helpers	1.775	1.775	Bricklayers' tenders	1.600	1.700	Bricklayers' tenders	1.525	1.525
Plasterers' laborers	1.825	1.975	Mortar mixer	1.675	1.775	Building laborers	1.325	1.475
Plumbers' laborers	1.725	1.875	Building laborers	1.600	1.700	Elevator constructors' helpers	1.855	1.990
Terrazzo workers' helpers	1.775	1.775	Elevator constructors' helpers	1.770	1.850	Marble setters' helpers	1.650	1.650
Grinders and polishers	1.925	1.925	Marble setters' helpers	1.825	1.900	Mosaic and terrazzo workers' helpers	1.650	1.650
Tile layers' helpers	1.775	1.775	Plasterers' helpers	1.725	1.825	Plasterers' laborers	1.625	1.625
GRAND RAPIDS, MICH.			Terrazzo workers' helpers	1.825	1.900	Tile layers' helpers	1.650	1.650
<u>Journeymen</u>			Base-machine operators	2.025	2.125	INDIANAPOLIS, IND.		
Asbestos workers	2.500	2.650	Tile layers' helpers	1.825	1.900	<u>Journeymen</u>		
Boilermakers	(1/)	2.830	HOUSTON, TEX.					
Bricklayers	2.750	3.000	Asbestos workers	2.613	2.663	Asbestos workers	2.640	2.750
Carpenters	2.250	2.420	Boilermakers	2.375	2.550	Boilermakers	2.585	2.900
Millwrights	2.500	2.750	Bricklayers	2.875	3.175	Bricklayers	2.750	3.150
Cement finishers	2.250	2.420	Carpenters, wharf and bridge, and pile drivers	2.400	2.400	Carpenters	2.530	2.680
Electricians (inside wiremen)	2.550	2.800	Floor layers, parquetry	2.400	2.400	Cement finishers	2.275	2.425
Elevator constructors	2.530	2.640	Millwrights	2.525	2.525	Electricians (inside wiremen)	2.625	2.825
Engineers - Power equipment operators:			Cement finishers	2.250	2.400	Elevator constructors	2.700	2.700
Building construction:			Electricians (inside wiremen)	2.750	2.875	Engineers - Power equipment operators:		
Heavy equipment:			Building construction:			Heavy equipment:		
Cranes on steel	2.720	2.850	Floor layers, parquetry	2.400	2.400	Cranes	2.630	2.630
Shovel combinations	2.500	2.650	Millwrights	2.525	2.525	Derricks - bull wheels	2.880	2.880
File drivers	2.500	2.650	Cement finishers	2.250	2.400	Hoists	2.530	2.530

1/ Information not available for rate and hours on July 1, 1951.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour			
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		
INDIANAPOLIS, IND. - Continued										
Journeymen - Continued										
Engineers - Power equipment operators: - Continued			JACKSON, MISS. - Continued			JACKSONVILLE, FLA. - Continued				
Building construction:			Engineers - Power equipment operators:			Journeymen - Continued				
- Continued			Air compressors	\$1.650	\$1.650	Engineers - Power equipment operators: - Continued				
Medium equipment:			Bulldozers	2.000	2.000	Rollers	\$1.625	\$1.625		
Concrete mixers (21 cubic feet)	\$2.480	\$2.480	Cranes, derricks, drag-lines, pile drivers	2.250	2.250	Shovels	2.000	2.000		
Concrete pumps	2.530	2.530	Graders, motor	2.000	2.000	Tractors	1.625	1.625		
Tractor shovels	2.530	2.530	Graders, form	1.650	1.650	Trenching machines	1.800	1.800		
Light equipment:			Hoists	2.000	2.000	Glaziers	1.950	1.950		
Air compressors	1.880	1.880	Locomotives	2.250	2.250	Lathers	2.375	2.475		
Pumps - water	1.880	1.880	Mixers	2.000	2.000	Machinists	2.250	2.250		
Welding machines	1.880	1.880	Pumps	1.650	1.650	Marble setters	2.250	2.500		
Heavy construction:			Rollers, scrapers	2.000	2.000	Mosaic and terrazzo workers	2.250	2.500		
Heavy equipment:			Shovels	2.250	2.250	workers	2.250	2.500		
Auto patrols	2.530	2.530	Tournapulls, carry-alls	2.250	2.250	Painters	1.890	1.940		
Cranes	2.630	2.630	Tractors:			Structural steel erected	1.925	2.075		
Scoops	2.530	2.530	Without power take-off	1.650	1.650	Spray	2.285	2.345		
Medium equipment:			With power take-off	2.000	2.000	Swinging stage	2.050	2.210		
Bulldozers	2.530	2.530	Trenching machines	2.250	2.250	Paperhangers	2.000	2.050		
Rollers	2.530	2.530	Glaziers	1.375	1.375	Plasterers	2.375	2.475		
Trenching machines	2.530	2.530	Lathers	2.125	2.250	Plumbers	2.500	2.750		
Light equipment:			Marble setters	2.750	2.750	Rodmen	1.890	1.920		
Compressors	1.880	1.880	Mosaic and terrazzo workers	2.750	2.750	Roofers, composition	1.890	1.920		
Pumps	1.880	1.880	Painters	2.000	2.000	Roofers, slate and tile	1.890	1.920		
Tractors	2.180	2.180	Spray	2.375	2.375	Sheet-metal workers	2.100	2.150		
Glaziers	2.250	2.400	Structural steel	2.125	2.125	Sign painters	2.000	2.050		
Lathers (wood, wire and metal)	2.610	2.610	Swing stage	2.250	2.250	Steam fitters	2.500	2.750		
Marble setters	2.500	2.900	Paperhangers	2.000	2.000	Stonemasons	2.650	2.700		
Mosaic and terrazzo workers	2.500	2.500	Plasterers	2.400	2.400	Structural- and ornamental-iron workers	2.260	2.290		
Painters	2.325	2.475	Plumbers	2.250	2.500	Tile layers	2.250	2.500		
Spray	2.575	2.725	Rodmen	2.150	2.150	Helpers and laborers				
Paperhangers	2.325	2.475	Roofers, composition	1.750	1.750	Bricklayers' tenders	1.000	1.000		
Plasterers	2.750	2.900	Roofers, slate and tile	2.000	2.000	Building laborers .....	.900	.900	
Plumbers	2.665	2.900	Sheet-metal workers	2.000	2.125	Composition roofers' helpers				
Rodmen	2.695	2.695	Sign painters	2.000	2.000	Elevator constructors' helpers	1.715	1.715		
Roofers, composition	2.000	2.170	Steam fitters	2.250	2.500	Plasterers' laborers	1.000	1.000		
Roofers, slate and tile	2.250	2.420	Stonemasons	2.750	2.750	Mortar mixers	1.100	1.100		
Sheet-metal workers	2.500	2.700	Structural- and ornamental-iron workers	2.400	2.400	Plumbers' laborers	1.000	1.000		
Sign painters	2.030	2.230	Tile layers	2.750	2.750	Tile layers' helpers	1.000	1.000		
Steam fitters	2.665	2.900	Helpers and laborers							
Stonecutters	1.935	1.935	Bricklayers' tenders	1.100	1.100	KANSAS CITY, MO.				
Carvers	2.105	2.105	Hod carriers	1.100	1.100	Journeymen				
Planers	1.685	1.685	Mortar mixers	1.100	1.100					
Stonemasons	2.750	3.150	Building laborers .....	.990	1.000				
Structural-iron workers	2.695	2.695	Elevator constructors' helpers	(1/)	1.730					
Tile layers	2.500	2.900	JACKSONVILLE, FLA.							
Helpers and laborers			Journeymen							
Bricklayers' tenders	1.870	2.020	Asbestos workers	2.500	2.625	Asbestos workers	2.610	2.610		
Building laborers	1.650	1.800	Boilermakers	2.475	2.600	Boilermakers	2.500	2.500		
Concrete breakers	1.800	1.950	Bricklayers	2.650	2.700	Bricklayers	2.675	3.500		
Composition roofers' helpers	1.550	1.720	Carpenters, pile drivers	2.100	2.150	Carpenters, millwrights, wharf and bridge, pile drivers	2.365	2.550		
Elevator constructors' helpers	1.890	1.890	Wharf and bridge	2.100	2.150	Cement finishers	2.365	2.515		
Plasterers' laborers	1.870	2.020	Millwrights, pile drivers working on creosote piling	2.360	2.420	Composition	2.490	2.640		
Plumbers' laborers	1.650	1.800	Cement finishers	1.840	1.880	Electricians (inside wiremen)	2.550	2.700		
Sewer pipe laborers	1.800	1.950	Electricians (inside wiremen)	2.500	2.620	Engineers - Power equipment operators:				
JACKSON, MISS.			Elevator constructors	2.455	2.455	Building construction:				
Journeymen			Asbestos workers	1.475	1.475	Heavy equipment:				
Asbestos workers	(1/)	2.730	Air compressors	1.475	1.475	Cranes	2.610	2.760		
Boilermakers	(1/)	2.600	Bulldozers	1.625	1.625	Hoists (2 drums or more)	2.610	2.760		
Bricklayers	2.750	2.750	Cranes, derricks, drag-lines, and pile drivers	2.000	2.000	Shovels, power	2.610	2.760		
Carpenters	2.050	2.150	Graders, scrapers, and finishing machines	1.625	1.625	Medium equipment:				
Millwrights	2.175	2.275	Mixers	1.625	1.625	Concrete mixers	2.365	2.515		
Pile drivers	2.300	2.400	Pumps	1.400	1.400	Hoists (single drum)	2.365	2.515		
Cement finishers	2.400	2.400			Shovels, tractors, hi-lift front end	2.365	2.515			
Electricians (inside wiremen)	2.250	2.500			Light equipment:					
Elevator constructors	(1/)	2.480			Firemen	1.925	2.075			

1/ Information not available for rate and hours on July 1, 1951.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour			
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		
KANSAS CITY, MO. - Continued										
<u>Journeymen</u> - Continued										
Engineers - Power equipment operators: - Continued			KNOXVILLE, TENN. - Continued			LITTLE ROCK, ARK. - Continued				
Heavy construction:			<u>Journeymen</u> - Continued			<u>Journeyman</u> - Continued				
Heavy equipment:			Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued				
Draglines, shovels, dredges, and pile drivers	\$2.610	\$2.750	Mixers (over 2 bags - not to include central plants)	\$1.800	\$1.925	Pumps:				
Medium equipment:			1 pump	1.500	1.625	Water pumps, 1 inch, smaller than 5 inches ..	(1/)	\$1.750		
Ditching machines	2.365	2.750	2 not more than 3	1.800	1.925	Water pumps, 5 inches or larger	\$1.875	2.000		
Patrol blades	2.365	2.550	Rollers, finishing machine	1.800	1.925	Pumps, 2 to 5 inches or larger	2.125	2.250		
Tractors, over 50 horsepower	2.365	2.550	Scrapers, pans, scoops, carry-alls (all types)	2.000	2.125	Rollers	1.875	2.000		
Light equipment:			Shovels, pile drivers	2.200	2.325	Sheepfoot	(1/)	1.750		
Firemen	1.925	2.150	Tournapulls (machines over 20 yards)	2.200	2.325	Shovels	2.375	2.500		
Oilers and greasers	1.815	1.915	Trenching machines	2.000	2.125	Trenching machines	2.125	2.250		
Tractors, less than 50 horsepower	1.815	1.915	Glaziers	1.950	1.950	Glaziers	1.750	2.000		
Glaziers	2.475	2.625	Marble setters	2.750	2.900	Machinists	1.975	1.985		
Lathers	2.695	2.845	Mosaic and terrazzo workers	1.950	2.075	Marble setters	2.500	2.500		
Machinists	2.400	2.550	Painters	2.750	2.900	Mosaic and terrazzo workers	2.500	2.500		
Marble setters	2.585	2.750	Spray (on wood), structural steel, swing stage	2.200	2.350	Painters	1.750	2.000		
Mosaic and terrazzo workers	2.585	2.750	Spray on steel	2.450	2.600	Spray	2.500	2.825		
Painters	2.255	2.400	Paperhanglers	1.950	2.075	Structural steel	2.000	2.275		
Paperhanglers	2.255	2.400	Plasterers	2.500	2.500	Swing stage	2.000	2.275		
Plasterers	3.025	3.175	Plumbers	2.500	2.625	Paperhanglers	1.875	2.135		
Plumbers	2.625	2.750	Rodmen	2.750	2.900	Plasterers	2.500	2.750		
Rodmen	2.390	2.540	Sheet-metal workers	2.250	2.350	Plumbers	2.310	2.670		
Roofers, composition	2.200	2.375	Sign painters	2.200	2.200	Rodmen	2.060	2.210		
Roofers, slate and tile	2.200	2.375	Steam fitters	1.700	1.700	Sheet-metal workers	2.000	2.150		
Sheet-metal workers	2.665	2.815	Stonemasons	1.700	1.700	Sign painters	2.000	2.000		
Sign painters	2.750	2.750	Structural and ornamental-iron workers	2.250	2.350	Steam fitters	2.310	2.670		
Steam fitters	2.625	2.750	Sheet-metal workers	2.250	2.350	Stonemasons	3.250	3.250		
Sprinkler fitters	2.625	2.750	Sign painters	2.200	2.200	Structural and ornamental-iron workers	2.340	2.490		
Stonemasons	2.585	3.000	Steam fitters	2.500	2.625	Sheet-metal workers	2.500	2.500		
Structural-iron workers	2.530	2.680	Tile layers	2.750	2.900	Sign painters	2.340	2.490		
Finishers and ornamental ..	2.530	2.680	Helpers and laborers			Helpers and laborers				
Tile layers	2.585	2.900	Building laborers	1.150	1.275	Bricklayers' tenders	1.250	1.250		
Helpers and laborers			Elevator constructors' helpers	1.630	1.750	Hod carriers	1.350	1.350		
Bricklayers' tenders	1.925	2.075	Plasterers' laborers	1.150	1.325	Mortar mixers	1.250	1.250		
Building laborers	1.730	1.880	Hod carriers	1.150	1.325	Building laborers .....	.875	1.000	
Marble setters' helpers	1.785	1.935	Mortar mixers	1.200	1.325	Elevator constructors' helpers				
Plasterers' laborers	1.925	2.075	LITTLE ROCK, ARK.			helpers				
Plumbers' laborers	1.785	1.935	Journeymen			Bricklayers' tenders	1.710	1.820		
Terrazzo workers' helpers	1.815	1.965	Asbestos workers	2.500	2.610	Marble setters' helpers	1.250	1.250		
Tile layers' helpers	1.785	1.935	Carpenters, floor layers	3.250	3.250	Plasterers' laborers .....	.875	1.250	
KNOXVILLE, TENN.										
<u>Journeymen</u>										
Boilermakers	2.475	2.600	Asbestos workers	2.500	2.610	Asbestos workers	2.750	2.900		
Bricklayers	2.750	2.900	Bricklayers	3.250	3.250	Home insulators	2.350	2.350		
Carpenters, pile drivers	2.150	2.275	Carpenters, floor layers	2.000	2.000	Boilermakers	2.530	2.750		
Millwrights	2.250	2.375	Millwrights, wharf and bridge, and pile drivers	2.250	2.250	Bricklayers	2.750	3.175		
Cement finishers	2.100	2.225	Cement finishers	2.500	2.500	Carpenters	2.350	2.350		
Electricians (inside wiremen)	2.475	2.475	Electricians (inside wiremen)	2.250	2.500	Millwrights, parquetry floor layers	2.550	2.550		
Elevator constructors	2.335	2.505	Elevator constructors	2.440	2.600	Wharf and bridge, shinglers	2.480	2.480		
Engineers - Power equipment operators:			Engineers - Power equipment operators:			Cement finishers	2.380	2.380		
Air compressors:			Air compressors:			Composition and mastic	2.505	2.505		
1 portable	1.500	1.625	1 pump	1.525	1.750	Electricians (inside wiremen)	2.750	3.000		
2 not more than 3 portable	1.500	1.625	2 pumps	1.875	2.000	Elevator constructors	2.725	2.825		
Bulldozers	1.800	1.925	Bulldozers	2.125	2.250	Engineers - Power equipment operators:				
Cranes, derricks, and draglines	2.000	2.125	Cranes and draglines	2.375	2.500	Building construction:				
Graders	2.200	2.325	Derricks	2.125	2.250	Heavy equipment:				
Hoists:			Graders:			Universal equipment (shovels, draglines, derricks, derrick-barges, clamshells, or cranes)				
1 drum	1.800	1.925	Blade	1.875	2.000	1/ Information not available for rate and hours on July 1, 1951.				
2 drums	2.000	2.125	Elevating	2.125	2.250					
Locomotives:			Hoists:			2 or more drums	2.125	2.250		
Under 20 tons	1.800	1.925	1 drum	1.875	2.000	Locomotives	2.125	2.250		
20 tons and over	2.000	2.125	Less than 10S	1.875	2.000	Pile drivers	2.500	2.500		
			10S or larger	2.125	2.250	Tractors (bulldozers, tampers, scrapers or drag type shovels or boom attachments)	2.300	2.300		

1/ Information not available for rate and hours on July 1, 1951.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
LOS ANGELES, CALIF. - Continued			LOUISVILLE, KY.			MANCHESTER, N. H.		
<u>Journeymen</u> - Continued			<u>Journeymen</u>			<u>Journeymen</u>		
Engineers - Power equipment operators: - Continued			Asbestos workers	\$2,480	\$2,605	Boilermakers	\$2,600	\$2,750
Building construction:			Boilermakers	2,450	2,600	Bricklayers	2,775	3,000
- Continued			Bricklayers	2,915	2,915	Carpenters	2,000	2,250
Medium equipment:			Carpenters, millwrights, parquetry floor layers, wharf and bridge, and pile drivers	2,250	2,400	Cement finishers	2,775	3,000
A-Frame-Boom trucks ...	\$2,500	\$2,500	Cement finishers	2,250	2,400	Electricians (inside wiremen)	2,000	2,090
Elevator-hoists	2,098	2,098	On scaffold	2,450	2,600	Engineers - Power equipment operators:		
Motor patrols, including any type of power blade	2,430	2,430	Electricians (inside wiremen) and fixture hangers	2,550	2,700	Building construction:		
Light equipment:			Elevator constructors	2,580	2,720	Heavy equipment:		
Air compressors	2,060	2,060	Engineers - Power equipment operators:			Cranes, 3-drum hoists and over, power shovels, trenching machines, pile drivers	2,500	2,500
Concrete mixers (skip type)	2,180	2,180	Building construction:			Scrapers, tourapulls	2,050	2,050
Heavy construction:			Heavy equipment:			Bulldozers	2,000	2,050
Universal equipment (shovels, draglines, derrick-barges, clamshells, or cranes)	2,500	2,500	Cranes, hoists, shovels	2,300	2,500	Light equipment:		
Tractors (bulldozers, tampers, scrapers, drag type shovels, or boom attachments)	2,300	2,300	Medium equipment:			One- and two-drum hoists, pumps, boilers or compressors	2,000	2,000
Medium equipment:			Bulldozers	2,300	2,500	Heavy construction:		
Motor patrols, including any type of power blade	2,430	2,430	Compressors, mixers	2,100	2,250	Heavy equipment:		
Concrete mixers (paving type and mobile mixers)	2,400	2,400	Light equipment:			Cranes, 3-drum hoists and over, power shovels, trenching machines, pile drivers	2,500	2,500
Light equipment:			Firemen	2,100	2,250	Scrapers and tourapulls	2,050	2,050
Air compressors	2,060	2,060	Oilers	1,850	1,900	Bulldozers	2,000	2,000
Skip loaders (wheel type)	2,180	2,180	Pumps	1,850	1,900	Light equipment:		
Glaziers	2,160	2,160	Heavy construction:			1- and 2-drum hoists, pumps, boilers or compressors	2,000	2,000
Granite cutters	2,000	2,000	Heavy equipment:			Painters	1,600	1,900
Lathers	3,125	3,125	Bulldozers, cranes, scoops	2,300	2,500	Paperhangers	1,600	1,900
Machinists	2,500	2,500	Medium equipment:			Plasterers	2,775	3,000
Marble setters	2,500	2,750	Compressors	2,100	2,250	Plumbers	2,300	2,450
Mosaic and terrazzo workers	2,600	2,770	Derricks, tractors	2,300	2,500	Rodmen	2,700	2,750
Painters	3/2,380	3/2,560	Light equipment:			Steam fitters	2,300	2,450
Spray	3/2,630	3/2,810	Firemen	2,100	2,250	Structural-iron workers	2,700	2,750
Swing stage, brush	3/2,500	3/2,680	Oilers	1,850	1,900			
Swing stage, spray	3/2,750	3/2,930	Pumps	1,850	1,900			
Paperhangers	3/2,500	3/2,680	Painters	2,050	2,310			
Plasterers	3,125	3,125	Stage	3,075	3,465			
Plumbers	2,750	2,900	Paperhangers	1,750	1,925	<u>Helpers and laborers</u>		
Rodmen	2,380	2,380	Plasterers	2,750	2,875	Bricklayers' tenders	1,600	1,760
Roofers, composition	2,500	2,650	Plasterers	2,500	2,625	Building laborers	1,400	1,570
Roofers, slate and tile	2,500	2,650	Roofers, composition	2,250	2,400	Plasterers' laborers	1,600	1,760
Sheet-metal workers	2,400	2,625	Sheet-metal workers	2,350	2,500			
Sign painters:			Sign painters	2,200	2,200			
Advertising	3/2,480	3/2,620	Steam fitters	2,500	2,625	MEMPHIS, TENN.		
Commercial	3/2,640	3/2,730	Stonecutters	1,935	1,935			
Steam fitters	2,750	2,900	Stonemasons	1,685	1,685	<u>Journeymen</u>		
Refrigeration fitters	2,500	2,550	Stonemasons	2,055	2,055	Asbestos workers	2,550	2,613
Sprinkler fitters	2,750	2,900	Structural-iron workers and ornamental finishers	2,915	2,915	Boilermakers	2,475	2,600
Stonemasons	2,750	3,175	Tile layers	2,450	2,600	Bricklayers	3,000	3,150
Structural-iron workers	2,500	2,700	Tile layers	2,500	2,500	Carpenters	2,125	2,250
Finishers	2,400	2,700			Cement finishers	2,125	2,250	
Tile layers	2,700	2,850	<u>Helpers and laborers</u>			Machine operators	2,250	2,375
			Bricklayers' tenders	1,780	1,900	Electricians (inside wiremen)	2,600	2,750
			Building laborers	1,520	1,600	Elevator constructors	2,600	2,600
Bricklayers' tenders	2,020	2,100	Elevator constructors' helpers	1,805	1,900	Engineers - Power equipment operators:		
Building laborers	1,750	1,750	Marble setters' helpers	1,450	1,450	Air compressors:		
Elevator constructors' helpers	1,910	1,980	Plasterers' laborers	1,780	1,900	Portable	1,500	1,650
Marble setters' helpers	1,875	2,025	Plumbers' laborers	1,520	1,600	Stationary	1,750	1,900
Plasterers' tenders	2,875	2,875	Terrazzo workers' helpers	1,450	1,450	Bulldozers	2,000	2,150
Terrazzo workers' helpers	2,075	2,075	Base grinders	1,700	1,700	Cranes, derricks, drag-lines, pile drivers, rig operators	2,250	2,400
Base-machine operators	2,325	2,325	Flat grinders	1,550	1,550	Derricks (no boom)	1,875	2,025
Tile layers' helpers	2,025	2,138	Tile layers' helpers	1,450	1,450	Graders (elevating)	2,000	2,150

2/ 35-hour workweek.

TABLE 14.—Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
MEMPHIS, TENN. - Continued			MIAMI, FLA. - Continued			MILWAUKEE, WIS. - Continued		
Journeymen - Continued			Journeymen - Continued			Journeymen - Continued		
Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators:		
Hoists:			Cranes, derricks, drag-lines, and pile drivers ..	\$2.200	\$2.250	Building construction:		
1 drum	\$1.750	\$1.900	Cranes (steel erection) and derricks on steel	2.750	2.750	Heavy equipment:		
2 or more drums	2.000	2.150	Graders	1.650	1.750	Cranes, shovels, draglines, derricks, trench machines	\$2.860	\$2.955
Locomotives	2.000	2.150	Hoists:			Tractors or bulldozers under 40 horsepower ..	2.470	2.570
Mixers:			1 drum	2.200	2.250	Tractors or bulldozers over 40 horsepower ..	2.690	2.790
11½ or smaller	1.500	1.650	2 or more drums	2.480	2.500	Mixers	2.470	2.570
Larger than 11½	2.000	2.150	Steel erection	2.750	2.750	Mixers when pavers are used	2.690	2.790
Mobilizers	2.125	2.275	Mixers	1.930	2.000	High-lifts	2.690	2.790
Pumps:			Pumps	1.930	2.000	Light equipment:		
Under 4-inch discharge ..	1.250	1.400	Rollers	1.650	1.750	Firemen	2.130	2.240
4-inch discharge and larger, on excavation ..	1.500	1.650	Scrapers	1.650	1.750	Pumps	2.190	2.295
Rollers, sheepfoot	1.875	2.025	Shovels	2.200	2.250	Air compressors	2.240	2.350
Scrapers	2.000	2.150	Tournepulls	2.000	2.150	Heavy construction:		
Shovels	2.250	2.400	Tractor trucks (Lynn and Euclid)	1.500	1.650	Heavy equipment:		
Tournepulls	2.000	2.150	Tractors	1.650	1.750	Shovels, cranes, drag-lines, hoes, trench machines	2.860	2.955
Tractor trucks (Lynn and Euclid)	1.500	1.650	Trenching machines	1.650	1.750	Tractors or bulldozers under 40 horsepower ..	2.530	2.625
Tractors:			Glaziers	2.450	2.450	Tractors or bulldozers over 40 horsepower ..	2.690	2.790
40 horsepower or less ...	1.625	1.775	Lathers	2.620	2.620	Mixers	2.470	2.570
Over 40 horsepower	1.750	1.900	Machinists	2.750	2.750	Mixers when pavers are used	2.690	2.790
Trenching machines:			Marble setters	2.750	2.750	Light equipment:		
Under 18 inches	2.000	2.150	Mosaic and terrazzo workers	2.750	2.750	Firemen	2.130	2.240
Over 18 inches	2.250	2.400	workers	2.750	2.750	Pumps	2.190	2.295
Glaziers	1.750	2.020	Painters	2.270	2.320	Air compressors	2.240	2.350
Lathers	2.250	2.250	Spray and structural steel	2.450	2.450	Heavy construction:		
Machinists	1.900	1.900	Paperhangers	2.420	2.420	Heavy equipment:		
Marble setters	2.500	2.625	Plasterers	2.750	2.750	Shovels, cranes, drag-lines, hoes, trench machines	2.860	2.955
Mosaic and terrazzo workers ..	2.500	2.625	Plumbers and pipe fitters	2.750	2.900	Tractors or bulldozers under 40 horsepower ..	2.530	2.625
Painters:			Rodmen	2.600	2.600	Tractors or bulldozers over 40 horsepower ..	2.690	2.790
Residential	2.063	2.188	Roofers, composition	2.120	2.180	Mixers	2.470	2.570
Commercial, spray, structural steel, and swinging stage	2.188	2.313	Roofers, slate and tile	2.120	2.180	Mixers when pavers are used	2.690	2.790
Paperhangers	2.063	2.188	Sheet-metal workers	2.420	2.450	Light equipment:		
Plasterers	2.813	2.813	Sign painters	2.750	2.750	Air compressors	2.240	2.350
Plumbers	2.640	2.800	Steam fitters and refrigeration fitters	2.750	2.750	Pumps	2.190	2.295
Rodmen	2.030	2.225	Stonemasons	2.750	2.750	Helpers and oilers	2.470	2.470
Roofers, composition	1.800	1.975	Structural- and ornamental-iron workers	2.750	2.750	Lathers	2.500	2.900
Roofers, slate and tile	2.050	2.225	Tile layers	2.750	2.750	Machinists	2.400	2.600
Sheet-metal workers	2.340	2.500	Marble setters	2.350	2.750	Mosaic and terrazzo workers	2.600	2.900
Sign painters	2.338	2.463	Helpers and laborers			Workers	2.600	2.900
Steam fitters	2.650	2.800	Bricklayers' tenders	1.380	1.400	Painters	2.200	2.400
Stonemasons	3.000	3.150	Building laborers	1.100	1.150	Swing stage to 80 feet	2.350	2.550
Structural- and ornamental-iron workers	2.180	2.375	Elevator constructors' helpers	1.925	1.925	Swing stage over 80 feet	(1/)	2.650
Tile layers	2.500	2.625	Marble setters' helpers	1.540	1.650	Spray nozzlemen	3.235	3.252
Helpers and laborers			Mosaic and terrazzo workers' helpers	1.540	1.650	Structural iron	2.450	2.650
Bricklayers' tenders	1.350	1.500	Workers	2.585	2.750	Plasterers	2.500	2.900
Building laborers	1.000	1.150	Plasterers' laborers	1.380	1.400	Rodmen	2.530	2.625
Elevator constructors' helpers	1.820	1.820	Hod carriers	1.380	1.400	Roofers, composition	2.350	2.450
Plasterers' laborers	1.350	1.500	Mortar mixers	1.100	1.250	Roofers, slate and tile	2.500	2.600
Plumbers' laborers	1.000	1.150	Tile setters' helpers	1.540	1.650	Sheet-metal workers	2.530	2.630
MIAMI, FLA.			Sign painters	2.338	2.420	Structural-iron workers	2.640	3.065
Journeymen			Asbestos workers	2.475	2.770	Steam fitters	2.585	2.700
Bricklayers	2.750	2.750	Boilermakers	2.550	2.670	Sprinkler fitters	2.600	2.750
Carpenters	2.270	2.500	Bricklayers	2.650	3.065	Stonecutters	2.100	2.100
Parquetry floor layers	2.500	2.500	Carpenters	2.690	2.790	Stonemasons	2.650	3.065
Cement finishers	2.750	2.750	Wharf and bridge	2.425	2.715	Structural-iron workers	2.640	2.735
Electricians (inside wiremen)	2.750	2.875	Millwrights	2.400	2.790	Tile layers	2.475	2.790
Elevator constructors	2.750	2.750	Cement finishers	2.410	2.515	Helpers and laborers		
Engineers - Power equipment operators:			Machine work	2.530	2.625	Bricklayers' tenders	2.080	2.185
Air compressors	1.930	2.000	Mastic, marbelette and composition floors	2.530	2.625	Building laborers	1.960	2.075
Steel erection	2.480	2.500	Asbestos workers	2.450	2.600	Elevator constructors' helpers	1.730	1.910
Bulldozers	1.650	1.750	Boilermakers	2.470	2.730	Marble setters' helpers	1.700	2.010
Journeymen			Bricklayers	2.550	2.670	Mosaic and terrazzo workers' helpers	1.980	2.080
Asbestos workers			Carpenters	2.650	3.065	Base-machine operators	2.145	2.250
Boilermakers			Wharf and bridge	2.690	2.790	Plasterers' tenders	2.000	2.330
Carpenters			Millwrights	2.425	2.715			
Wharf and bridge			Cement finishers	2.400	2.790			
Millwrights			Machine work	2.410	2.515			
Cement finishers			Mastic, marbelette and composition floors	2.530	2.625			
Machine work			and roofs	2.530	2.625			
Mastic, marbelette and composition floors			Electricians (inside wiremen)	2.450	2.600			
and roofs			Elevator constructors	2.470	2.730			

1/ Information not available for rate and hours on July 1, 1951.

TABLE 14.—Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
MILWAUKEE, WIS. - Continued			MINNEAPOLIS, MINN. - Continued			MOBILE, ALA. - Continued		
<u>Helpers and laborers</u> - Continued			<u>Helpers and laborers</u>			<u>Journeymen</u> - Continued		
Plumbers' helpers:			Bricklayers' tenders	\$1.670	\$1.670	Stonemasons	\$2,800	\$2,800
First man.....	\$2,200	\$2,380	Building laborers	1,670	1,670	Structural- and ornamental- iron workers	2,460	2,460
Second man.....	2,090	2,270	Composition roofers' helpers	1,735	1,930	Sheeters and finishers	2,710	2,710
Sign painters' helpers	1,800	1,865	Elevator constructors' helpers	1,690	1,900	Tile layers	2,800	2,800
Sprinkler fitters' helpers	1,750	1,750	Marble setters' helpers	1,750	1,750	<u>Helpers and laborers</u>		
Tile layers' helpers	1,800	2,120	Plasterers' tenders	2,270	2,370			
			Plumbers' laborers (first 3 years)	1,800	1,950	Bricklayers' tenders	1,270	1,270
			After 3 years	2,000	2,150	Hod carriers	1,270	1,270
			Sprinkler fitters' helpers	1,750	1,750	Mortar mixers	1,270	1,270
			Terrazzo workers' helpers	1,840	1,940	Building laborers	1,160	1,160
			Base-machine operators	2,090	2,240	Concrete workers	1,270	1,270
			Tile layers' helpers	1,750	1,750	Composition roofers' helpers	1,100	1,100
						Elevator constructors' helpers		
						Marble setters' helpers	1,160	1,160
						Plasterers' laborers	1,270	1,270
						Hod carriers	1,270	1,270
						Mortar mixers	1,270	1,270
						Tile layers' helpers	1,160	1,160
MINNEAPOLIS, MINN.								
<u>Journeymen</u>								
Asbestos workers	2,550	2,700	MOBILE, ALA.					
Boilermakers	2,500	2,500	Asbestos workers	2,500	2,500			
Bricklayers	2,650	2,900	Boilermakers	2,475	2,600			
Carpenters, millwrights, pile drivers	2,330	2,400	Bricklayers	2,800	2,800			
Cement finishers	2,450	2,600	Carpenters	2,160	2,160			
Composition floor	2,700	2,850	Millwrights	2,430	2,430			
Electricians (inside wiremen)	2,585	2,650	Pile drivers:					
Elevator constructors	2,420	2,710	Untreated materials	2,225	2,225			
Engineers - Power equipment operators:			Treated materials	2,350	2,350	Asbestos workers	2,875	3,100
			Cement finishers	2,160	2,160	Home insulators	1,800	2,000
			Electricians (inside wiremen)	2,500	2,600	Boilermakers	3,250	3,300
			Elevator constructors	2,450	2,520	Bricklayers	3/3,400	3/3,650
			Engineers - Power equipment operators:			Carpenters	2/3,250	2/3,400
						Wharf and bridge	3,000	3,150
						Millwrights	3/3,250	3/3,400
						Cement finishers	3/3,400	3/3,650
						Electricians (inside wiremen)	3,250	3,450
						Elevator constructors	3,000	3,000
						Engineers - Power equipment operators:		
						Building construction:		
						Heavy equipment:		
						Power shovels, cranes ..	3,250	3,250
						Power cranes (steel erection)	3,500	3,500
						Trench machines, pav- ing mixers	3,250	3,250
						Medium equipment:		
						Hoists (single or double drum)	3,250	3,250
						Central power plants ..	3,250	3,250
						Concrete tower hoists ..	3,250	3,250
						Light equipment:		
						Air compressors (single)	3,000	3,000
						Pumps and small mixers ..	3,000	3,000
						Concrete pumps	3,000	3,000
						Heavy construction:		
						Heavy equipment:		
						Power shovels, cranes, draglines	3,250	3,250
						Pile driving machines ..	3,375	3,375
						Back hoes, concrete pavers	3,250	3,250
						Medium equipment:		
						Cassion hoists	3,250	3,250
						Shaft hoists	3,250	3,250
						Excavating carry-alls ..	3,000	3,000
						Light equipment:		
						Small mixers, pumps ..	3,000	3,000
						Front end loaders and conveyers	3,000	3,000
						Concrete pumps	3,000	3,000
						Glaziers		
						Lathers		
						Machinists		
						Mosaic and terrazzo workers ..		

3/ 35-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
NEWARK, N. J. - Continued			NEW HAVEN, CONN. - Continued			NEW ORLEANS, LA. - Continued		
<u>Journeymen</u> - Continued	\$	\$	<u>Journeymen</u> - Continued	\$	\$	<u>Journeymen</u> - Continued	\$	\$
Painters	3/2.650	3/2.750	Mosaic and terrazzo workers	2.690	2.900	Roofers, slate and tile	1.825	2.025
Hardwood finishers	2.325	3/2.425	Painters	2.200	2.350	Sheet-metal workers	2.120	2.320
Structural steel	3/3.150	3/3.250	Paperhangers	2.200	2.350	Sign painters	2.300	2.450
Plasterers	3/3.400	3/3.650	Plasterers	2.690	2.900	Steam fitters	2.450	2.625
Plumbers	3.100	3.250	Plumbers	2.475	2.750	Stonemasons	2.700	2.850
Rodmen	3.350	3.450	Rodmen	3.000	3.150	Structural- and ornamental- iron workers	2.450	2.600
Roofers, composition	3/3.140	3/3.290	Roofers, composition	2.500	2.500	Tile layers	2.500	2.500
Roofers, slate and tile	3.250	3.250	Roofers, slate and tile	2.750	2.750	<u>Helpers and laborers</u>		
Sheet-metal workers	3/3.000	3/3.100	Pre-cast slabbers	3.000	3.000	Bricklayers' tenders	1.200	1.325
Sign painters	2.500	2.500	Sheet-metal workers	2.475	2.650	Hod carriers	1.300	1.325
Inside	2.250	2.250	Sign painters	2.200	2.310	When mortar is mixed by machine	1.350	1.425
Steam fitters	3.000	3.250	Steam and sprinkler fitters	2.475	2.750	Mortar mixers, hand	1.400	1.425
Sprinkler fitters	2.750	2.900	Stonemasons	2.690	2.900	Building laborers	1.100	1.225
Stonemasons	3/3.400	3/3.650	Structural-iron workers	3.000	3.150	Composition roofers' helpers	1.100	1.250
Structural-iron workers	3.350	3.450	Tile layers	2.690	2.900	Elevator constructors' helpers	1.680	1.740
Tile layers	3.000	3.000	<u>Helpers and laborers</u>			Marble setters' helpers	1.350	1.350
<u>Helpers and laborers</u>			Bricklayers' tenders	1.700	1.850	Plasterers' laborers	1.300	1.425
Bricklayers' tenders	3/2.335	3/2.560	Building laborers	1.700	1.850	When mortar is mixed by machine	1.400	1.525
Building laborers	3/2.335	3/2.560	Elevator constructors' helpers	1.870	2.000	Plumbers' laborers	1.300	1.300
Composition roofers' helpers	3/1.650	3/1.800	Marble setters' helpers	1.815	1.965	Steam and sprinkler fitters' helpers	1.300	1.300
Elevator constructors' helpers	2.200	2.200	Plasterers' laborers	1.700	1.850	Terrazzo workers' helpers	1.350	1.350
Plasterers' laborers	3/2.335	3/2.560	Terrazzo workers' helpers	1.815	1.965	Tile layers' helpers	1.350	1.350
Steam fitters' helpers	2.000	2.000	<u>NEW ORLEANS, LA.</u>					
Sprinkler fitters' helpers	1.750	1.850	<u>Journeymen</u>					
Terrazzo workers' helpers	2.400	2.400	Asbestos workers	2.525	2.730	NEW YORK, N. Y.		
Tile layers' helpers	2.450	2.450	Home insulators	2.060	2.060	<u>Journeymen</u>		
<u>NEW HAVEN, CONN.</u>			Boilermakers	2.375	2.550	Asbestos workers	3/3.000	3/3.000
<u>Journeymen</u>			Bricklayers	2.700	2.850	Boilermakers	3.000	3.000
Asbestos workers	2.560	2.560	Carpenters and pile drivers	2.060	2.220	Bricklayers	3/3.250	3/3.550
Bricklayers	2.690	2.900	Millwrights	2.200	2.360	Carpenters	3/3.000	3/3.150
Carpenters	2.310	2.560	Cement masons	2.060	2.210	Wharf and bridge	3.000	3.150
Cement finishers	2.690	2.900	Electricians (inside wiremen)	2.500	2.500	Cement finishers	3/3.000	3/3.000
Electricians (inside wiremen)	2.400	2.625	Elevator constructors	2.395	2.490	Electricians (inside wiremen)	3/3.200	3/3.300
Elevator constructors	2.675	2.850	Engineers - Power equipment operators:			Elevator constructors	3.000	3.000
Engineers - Power equipment operators:			Air compressors	1.900	1.950	Engineers - Power equipment operators:		
Building construction:			Bulldozers	2.060	2.060	Building construction:		
Heavy equipment:			Grares, derricks, drag- lines, and pile drivers	2.325	2.500	Heavy equipment:		
Cranes, steel	2.470	2.720	Graders	2.060	2.060	Steel erection (cranes and derricks)	3.500	3.500
Shovels	2.300	2.530	Hoists	1.900	1.950	Hoists and concrete buckets (stone derricks)	3/3.250	3/3.250
Derricks	2.470	2.720	Scrapers	2.060	2.060	Scrapers and tournapulls	2.750	2.750
Medium equipment:			1 drum, under 4 stories	1.900	1.950	Medium equipment:		
Hod-hoists	2.300	2.530	1 drum, 4 stories	2.325	2.500	Welding machines and compressors	3.000	3.000
Compressors	2.250	2.475	and over	2.325	2.500	Plaster (platform machines)	3/3.250	3/3.250
Bulldozers	2.000	2.200	2 drums	1.900	1.950	Bulldozers, tractors, locomotives (10 tons and under), motor patrols, road finish- ing machines, mixers under 21E	2.625	2.625
Light equipment:			Mixers	2.375	2.500	Heavy construction:		
Well-points system,			Pumps:			Heavy equipment:		
welding machines -			3 inches and under	1.375	1.375	Shovels	3.500	3.650
steel	2.250	2.475	Over 3 inches	1.900	1.950	Pile drivers	3.375	3.525
Small concrete mixers,			Rollers	1.900	1.950	Cranes (digging bucket)	3.250	3.400
under 5 bags	1.900	2.100	Scrapers	2.060	2.060	Scrapers and tournapulls	2.750	2.900
5 bags and over	2.050	2.250	Trenching machines	2.325	2.500			
Heavy construction:			Glaziers	2.060	2.060			
Heavy equipment:			Lathers	2.375	2.500			
Shovels, pile drivers,			Machinists	2.400	2.400			
draglines			Marble setters	2.700	2.850			
Medium equipment:			Painters	2.500	2.500			
Pumps	2.250	2.475	Spray, structural steel and swing stage	2.050	2.250			
Bulldozers	2.000	2.200	Paperhangers	1.800	2.000			
Light equipment:			Plasterers	2.375	2.525			
Compressors,			Plumbers	2.450	2.625			
welding machines			Rodmen	2.145	2.295			
Small concrete mixers,			Roofers, composition	1.825	2.025			
under 5 bags	1.900	2.100						
5 bags and over	2.020	2.250						
Granite cutters	5/2.000	5/2.040						
Marble setters	2.690	2.900						

2/ 35-hour workweek.

5/ 35-hour workweek in effect 6 months of the year and 40-hour workweek for remaining 6 months.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
NEW YORK, N. Y. - Continued			NEW YORK, N. Y. - Continued			NORFOLK, VA. - Continued		
Journeymen - Continued			Helpers and laborers - Continued			Helpers and laborers - Continued		
Engineers - Power equipment operators: - Continued			Terrazzo workers' helpers ...	\$2.400	\$2.400	Elevator constructors' helpers		
Heavy construction:			Tile layers' helpers	2.360	2.400	Plasterers' laborers		
- Continued			NORFOLK, VA.			Mortar mixers		
Medium equipment:			Journeymen			OAKLAND, CALIF.		
Cranes (structural steel)	\$3.500	\$3.650	Asbestos workers	2.375	2.375	Journeymen		
Mixers (concrete) and power houses	3.125	3.275	Bricklayers	3.000	3.250	Asbestos workers	2.585	2.585
Bulldozers, tractors, locomotives (10 tons and under), motor patrols, road finishing machines, mixers under 21E	2.625	2.875	Carpenters, parquetry floor layers	1.950	2.000	Boilermakers	2.530	2.750
Light equipment:			Millwrights	2.300	2.350	Bricklayers	3.250	3.250
Compressors (portable, 3 or more in battery), double-drum hoists and pumps (concrete)	3.000	3.150	Cement finishers	1.875	2.000	Carpenters	2.450	2.600
Glaziers	3/3.000	3/3.000	Composition floor finishers	2.000	2.000	Wharf and bridge	2.558	2.708
Granite cutters	3/3.000	3/3.000	Electricians (inside wiremen)	2.310	2.500	Floor layers, millwrights, shinglers	2.580	2.730
Outside	3/2.600	3/2.600	Elevator constructors	2.310	2.580	Electricians (inside wiremen)	2.650	2.650
Inside	3/2.514	3/2.514	Engineers - Power equipment operators:			Elevator constructors	2.840	2.965
Lathers	2/3.300	2/3.300	Air compressors	1.875	1.975	Engineers - Power equipment operators:		
Brooklyn	2/3.000	2/3.000	Bulldozers	2.000	2.100	Building construction:		
Queens and Long Island	3/3.000	3/3.000	Cranes, derricks, and draglines	2.150	2.250	Heavy equipment:		
Machinists	3.000	3.000	Graders, motor	2.000	2.100	Derricks and tractor-type shovel loaders ..	2.680	2.830
Marble setters	3.000	3.000	Hoists:			Medium equipment:		
Mosaic and terrazzo workers	3.000	3.000	1 drum	1.875	1.975	Material hoists	2.410	2.560
Painters	3/2.600	3/2.830	2 or more drums	2.150	2.250	Mixermobiles	2.570	2.720
Brooklyn and Long Island City	3/2.750	3/2.830	Locomotives:			Scoopmobiles (when used as a hoist)	2.410	2.560
Jamaica and Flushing	3/2.750	3/2.830	Up to 20 tons	1.875	1.975	Scoopmobiles (when used as a loader)	2.570	2.720
Swing stage	3/2.170	3/3.230	Over 20 tons	2.150	2.250	Light equipment:		
Decorators and grainers	3/3.250	3/3.250	Mixers:			Compressors	2.130	2.280
Structural steel	3/3.000	3/3.250	10S or smaller	1.750	1.850	Compressors (more than one)	2.460	2.610
Plasterers	2/3.300	2/3.500	Larger than 10S	2.000	2.100	Towermobiles	2.410	2.560
Long Island City and Flushing	2/3.300	2/3.500	Pile drivers	2.150	2.250	Concretes mixers (up to 1 yard)	2.130	2.280
Plumbers	3/3.000	3/3.150	Pumps:			Heavy construction:		
Richmond	3/3.000	3/3.150	Locomotives:			Heavy equipment:		
Brooklyn and Queens	2/3.100	3/3.100	2 inch discharge	1.750	1.750	Power shovels (up to and including 1 yard)	2.850	3.000
Rodmen	3/3.000	3/3.000	Over 2 inch discharge	1.875	1.975	Power shovels (over 1 yard)	2.960	3.110
Roofers, composition	3/3.000	3/3.000	Rollers:			Le Tournepau pulls	2.680	2.830
Roofers, slate and tile	3.250	3.250	Asphalt	1.875	1.975	Highline cableways	2.850	3.000
Brooklyn, Queens, and Long Island	3.250	3.500	Earth	1.750	1.850	Medium equipment:		
Sheet-metal workers	3/3.100	3/3.250	Scrapers	2.150	2.250	Mucking machines	2.650	2.800
Sign painters	3/2.527	3/2.730	Shovels	2.150	2.250	Dual-drum mixers	2.570	2.720
Outdoor advertising	3/2.221	3/3.479	Tournapulls	2.150	2.250	Tractors	2.520	2.670
Silk screen process	3/2.527	3/2.620	Tractors:			Light equipment:		
Steam and sprinkler fitters	3/3.100	3/3.100	Without attachments	1.875	1.975	Locomotives	2.240	2.390
Stonecutters	3/3.100	3/3.100	With attachments	2.150	2.250	Locomotives (steam or over 30 tons)	2.520	2.670
Stonemasons	3/2.200	3/3.550	Trenching machines	2.000	2.100	Locomotives (steam or over 30 tons)	2.680	2.830
Long Island (stone setters)	3/2.250	3/3.250	Glaziers	2.050	2.200	Truck cranes	2.300	2.450
Structural-iron workers	3.250	3.250	Lathers	2.750	2.750	Glaziers	2.050	2.300
Finishers	3/3.000	3/3.000	Machinists	(1/)	2.100	Machinists	2.050	2.500
Tile layers	3.000	3.000	Mosaic and terrazzo workers	2.750	2.750	Mosaic and terrazzo workers	2.700	2.750
<u>Helpers and laborers</u>								
Bricklayers' tenders	3/2.195	3/2.300	Structural- and ornamental-iron workers	2.360	2.450	Dry-base machine operator	2.700	2.750
Building laborers	3/2.150	3/2.150	Riggers	2.360	2.450	Painters	3/2.450	3/2.600
Excavating	1.900	1.900	Tile layers	2.750	2.750	Plasterers	2/3.167	2/3.167
Elevator constructors' helpers	2.200	2.200	Helpers and laborers			Plumbers	2.625	2.750
Plasterers' laborers	2/2.600	2/2.650				Rodmen	2.450	2.450
Brooklyn	2/2.750	2/2.750				Roofers	2.500	2.500
Plumbers' laborers	2.000	2.000				Sheet-metal workers	2.475	2.525
Brooklyn	1.900	1.900				Sign painters	3/2.600	3/2.600
Steam and sprinkler fitters helpers	3/2.150	3/2.150				Outdoor advertising	3/2.500	3/2.500

1/ Information not available for rate and hours on July 1, 1951.

2/ 30-hour workweek.

3/ 35-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
OAKLAND, CALIF. - Continued			OKLAHOMA CITY, OKLA.- Continued			OMAHA, NEBR. - Continued		
Journeymen - Continued			Helpers and laborers			Helpers and laborers - Continued		
Soft tile layers, carpet and linoleum	\$2.625	\$2.625	Bricklayers' tenders	\$1.450	\$1.650	Elevator constructors' helpers	\$1.770	\$1.870
Steam fitters	2.750	2.900	Building laborers	1.300	1.500	Marble setters' helpers	1.700	1.700
Stonemasons	3.250	3.250	Elevator constructors' helpers	1.920	1.920	Plasterers' laborers	1.600	1.725
Structural-iron workers	2.700	2.700	Plasterers' laborers	1.450	1.650	Terrazzo workers' helpers	1.700	1.700
Ornamental	2.550	2.550	Plumbers' laborers	1.450	1.650	Base-machine operators	2.000	2.000
Helpers and laborers			Plumbers' laborers	1.450	1.650	Tile layers' helpers	1.700	1.700
Bricklayers' tenders	2.450	2.600	OMAHA, NEBR.					
Building laborers	1.700	1.850	Journeymen					
Elevator constructors' helpers	1.990	2.075	Asbestos workers	2.530	2.680	PEORIA, ILL.		
Plasterers' laborers	2/2.800	2/2.800	Bricklayers	2.750	3.000	Journeymen		
Terrazzo workers' helpers	2.050	2.130	Carpenters	2.275	2.425	Asbestos workers	2.700	2.700
Wet-machine men	2.200	2.280	Millwrights	2.400	2.550	Boilermakers	2.600	2.875
Terrazzo polishers	2.200	2.280	Floor layers	2.275	2.425	Bricklayers	3.000	3.100
OKLAHOMA CITY, OKLA.			Cement finishers	2.275	2.425	Carpenters	2.475	2.708
Journeymen			Electricians (inside wiremen)	2.580	2.730	Cement finishers	2.500	2.763
Asbestos workers	2.500	2.613	Elevator constructors	2.555	2.670	Electricians (inside wiremen)	2.600	2.800
Bricklayers	3.500	3.500	Engineers - Power equipment operators:			Elevator constructors	2.650	2.830
Carpenters, parquetry, layers, wharf and bridge ...	2.200	2.400	Building construction: Heavy equipment:			Engineers - Power equipment operators:		
Millwrights and pile drivers	2.375	2.575	Cranes, derricks, shovels, two-drum hoists	2.475	2.650	Building construction: Heavy equipment:		
Cement finishers	2.375	2.375	Medium equipment:			Heavy equipment:		
Electricians (inside wiremen)	2.625	2.750	Air compressors	2.000	2.150	Cranes, derricks, bulldozers	2.700	2.750
Elevator constructors	2.750	2.750	Hoists and pumps, concrete	2.200	2.350	Medium equipment:		
Engineers - Power equipment operators:			Light equipment:			Hoists, 2 drum	2.400	2.475
Air compressors:			Air tuggers, boom trucks, hyster (lumber carrier), trax- dozers - scoops	2.200	2.350	Mixers, 278 and larger	2.700	2.750
500 cubic feet or under .	1.900	2.000	Heavy construction:			Air compressors (2)	2.100	2.200
Over 500 cubic feet	2.150	2.250	Heavy equipment:			Light equipment:		
Bulldozers	2.150	2.250	Draglines, shovels	2.300	2.450	Pumps, mixers 3 bag ...	1.900	1.980
Derricks:			Scoops	2.000	2.150	Hoists, 1 drum	2.000	2.200
Under 5 tons	2.150	2.250	Medium equipment:			Heavy construction:		
5 tons or over	2.400	2.500	Bulldozers, patrols, tractors	2.000	2.150	Heavy equipment:		
Draglines	2.400	2.500	Light equipment:			Cranes, scoops,		
Graders, elevating	2.150	2.250	Air compressors	2.000	2.150	bulldozers	2.700	2.750
Hoists:			Blade graders, motor graders, wheel tractors	2.000	2.150	Medium equipment:		
1 drum	1.900	2.000	Light equipment:			Paving mixers, motor- patrols, pile drivers	2.700	2.750
2 drums or over	2.150	2.250	Glaziers			Light equipment:		
Mixers:			Outside	1.950	1.950	Air compressors	2.100	2.200
Under 18 cubic feet	1.900	2.000	Inside	1.650	1.650	Mixers, 3 bag and under, and pumps	1.900	1.980
18 cubic feet or over	2.150	2.250	Glaziers:			Glaziers	2.325	2.475
Pile drivers	2.400	2.500	Painters	2.000	2.150	Lathers	2.750	2.750
Pumps	1.650	1.750	Painters	2.000	2.150	Machinists	2.500	2.650
Rollers:			Marble setters	2.475	2.600	Marble setters	2.850	2.983
Under 10 tons	1.900	2.000	Workers	2.475	2.600	Mosaic and terrazzo		
10 tons or over	2.150	2.250	Workers	2.475	2.600	Workers	2.850	2.983
Scrapers, shovels, and trenching machines	2.150	2.250	Marble setters	2.475	2.600	Painters	2.250	2.425
Glaziers	1.900	2.090	Mosaic and terrazzo			Painters, composition	2.350	2.425
Lathers	3.000	3.300	Workers	2.475	2.600	Painters, slate and tile	2.350	2.583
Marble setters	2.500	2.750	Workers	2.475	2.600	Paperhangers	2.250	2.425
Mosaic and terrazzo workers	2.500	2.750	Workers	2.475	2.600	Plasterers	2.775	3.040
Painters, brush	2.000	2.213	Workers	2.475	2.600	Plumbers	2.650	2.750
Spray, structural steel, swing stage and scaffold over 30 feet	2.250	2.463	Workers	2.475	2.600	Rodmen	2.600	2.845
Paperhangers	2.000	2.213	Workers	2.475	2.600	Roofers, composition	2.350	2.583
Plasterers	3.000	3.300	Workers	2.475	2.600	Roofers, slate and tile	2.350	2.583
Plumbers	2.500	2.700	Workers	2.475	2.600	Sheet-metal workers	2.475	2.708
Rodmen	2.250	2.500	Workers	2.475	2.600	Sign painters	2.400	2.550
Roofers, composition	2.025	2.100	Workers	2.475	2.600	Steam fitters	2.650	2.750
Roofers, slate and tile	2.025	2.100	Workers	2.475	2.600	Structural-iron workers	2.600	2.845
Sheet-metal workers	2.250	2.475	Workers	2.475	2.600	Tile layers	2.850	2.983
Sign painters	2.200	2.200	Helpers and laborers					
Steam fitters	2.600	2.700	Bricklayers' tenders	1.475	1.575	Bricklayers' tenders	1.850	2.020
Refrigeration fitters	2.600	2.700	Building laborers	1.475	1.575	Building laborers	1.850	2.020
Stonemasons	3.500	3.500	Plasterers' laborers	1.475	1.575	Elevator constructors' helpers	1.860	1.980
Structural- and ornamental- iron workers	2.250	2.500	Hod carriers	1.600	1.725	Marble setters' helpers	2.000	2.000
Tile layers	2.500	2.750	Building laborers	1.475	1.575	Plasterers' helpers	1.975	2.145

2/ 30-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
PHILADELPHIA, PA.			PHILADELPHIA, PA. - Continued			PHOENIX, ARIZ. - Continued		
<u>Journeymen</u>								
Asbestos workers	\$2.675	\$2.925	Bricklayers' tenders	\$1.510	\$1.750	Rodmen	\$2.375	\$2.525
Home insulators	1.750	1.750	Residential	1.650	1.800	Roofers, composition	2.090	2.350
Boilermakers	3.000	3.000	Building laborers	1.510	1.750	Roofers, slate and tile	2.090	2.350
Bricklayers	3/3.250	3/3.350	Residential	1.430	1.580	Sheet-metal workers	2.200	2.200
Speculative	3/3.250	3/3.350	Elevator constructors' helpers	2.110	2.110	Sign painters	2.600	2.600
Operative	3.150	3.300	Marble setters' helpers	2.140	2.300	Steam fitters	2.500	2.500
Carpenters	2.650	2.900	Plasterers' laborers	2.000	2.350	Stonemasons	3.300	3.500
Cement finishers	2.650	2.900	Terrazzo workers' helpers	2.275	2.400	Structural-iron workers	2.580	2.730
Residential or speculative	2.570	2.720	Tile layers' helpers	2.030	2.200	Tile layers	3.300	3.500
Electricians (inside wiremen)	3.125	3.250	<u>Helpers and laborers</u>					
Residential	2.720	2.720	PHOENIX, ARIZ.			Bricklayers' tenders	2.175	2.250
Elevator constructors	3.020	3.020	<u>Journeymen</u>			Building laborers	1.775	1.875
Engineers - Power equipment operators:			Asbestos workers	2.500	2.750	Concrete laborers	1.775	1.975
Building construction:			Boilermakers	2.530	2.750	Elevator constructors' helpers		
Heavy equipment:			Bricklayers	3.300	3.500	Marble setters' helpers		
Cranes (all types), derricks, power shovels	3.150	3.150	Carpenters	2.425	2.525	Plasterers' helpers		
Medium equipment:			Millwrights	2.550	2.650	Terrazzo workers' helpers		
Tourmaphulls and Carry-alls	2.775	2.775	Parquetry floor layers	2.675	2.775	Tile layers' helpers		
Bulldozers and tractors	2.525	2.525	Cement finishers	2.425	2.525	<u>PITTSBURGH, PA.</u>		
Light equipment:			Electricians (inside wiremen)	2.500	2.500	<u>Helpers and laborers</u>		
Welding machines	2.550	2.550	Elevator constructors	2.725	2.725	Bricklayers' tenders	2.175	2.250
Compressors and pumps	2.425	2.425	Engineers - Power equipment operators:			Building laborers	1.775	1.875
Heavy construction:			Building construction:			Concrete laborers	1.775	1.975
Heavy equipment:			Heavy equipment:			Elevator constructors' helpers		
Cranes (all types), power shovels, cableways	3.150	3.150	Elevator hoists	2.250	2.400	Marble setters' helpers		
Medium equipment:			Concrete mixers (paving type and mobile mixers)	2.400	2.550	Plasterers' helpers		
Tourmaphulls and Carry-alls	2.775	2.775	A-Frame-Boom trucks	2.350	2.500	Terrazzo workers' helpers		
Bulldozers and tractors	2.525	2.525	Medium equipment:			Tile layers' helpers		
Light equipment:			Skip loaders (wheel type)	2.175	2.325	<u>Journeymen</u>		
Welding machines	2.550	2.550	Ross Carriers and concrete mixers (skip type)	2.175	2.325	Asbestos workers	2.875	3.000
Compressors and pumps	2.425	2.425	Light equipment:			Boilermakers	2.750	3.000
Glaziers	2.375	2.625	Air compressors, pumps	2.050	2.200	Bricklayers	3.000	3.250
30 feet or more above ground	2.600	2.850	Heavy construction:			Carpenters	2.750	3.000
Granite cutters	3/2.121	3/2.121	Heavy equipment:			Cement finishers	2.750	3.000
Without shed or cover	3/2.371	3/2.371	Highline cableways	2.500	2.650	Electricians (inside wiremen)	2.950	3.200
Lathers	2.850	3.100	Universal equipment (shovels, draglines, derricks, barges, clamshells, or cranes)	2.500	2.650	Elevator constructors	2.865	3.020
Residential or speculative	2.570	2.720	Dozer-carry-all (similar equip.)	2.300	2.450	Engineers - Power equipment operators:		
Machinists	2.400	2.650	Medium equipment:			Building construction:		
Marble setters	2.860	3.000	Locomotives, and drilling machines, including water wells	2.425	2.575	Heavy equipment:		
Mosaic and terrazzo workers	2.900	3.080	Trenching machines	2.375	2.525	Shovels, cranes, and carry-all scoops	2.900	3.150
Painters	2.225	2.400	Light equipment:			Medium equipment:		
Steel, spray and swing stage	2.350	2.525	Material loaders or conveyors	2.050	2.200	Bulldozers, compressors, and air compressors		
Paperhangars	2.340	2.490	Train handlers (other than engine crews), oilers, helpers	1.925	2.075	Light equipment:		
Plasterers	3.000	3.350	Glaziers	2.090	2.090	Compressors, pumps, and rollers	2.370	2.470
Residential or speculative	3.000	3.200	Lathers	3.000	3.000	Glaziers	2.325	2.560
Plumbers	2.750	3.135	Machinists	2.500	2.500	Lathers	3.025	3.150
Rodmen	2.640	2.790	Marble setters	2.345	2.445	Marble setters	2.750	2.900
Roofers, composition	2.650	2.650	Mosaic and terrazzo workers	3.300	3.500	Mosaic and terrazzo workers	2.875	3.038
Roofers, slate and tile	2.970	3.120	Painters	2.500	2.500	Painters	2.558	2.730
Sheet-metal workers, residential	2.810	3.035	Structural steel	2.470	2.570	Structural steel	2.888	3.060
Sheet-metal workers, commercial	2.810	2.975	Swing stage	2.470	2.570	Grainers	2.208	2.980
Sign painters	2.345	2.345	Structural steel	2.595	2.695	Structural steel	2.558	2.730
Outdoor advertising	2.445	2.445	Plasterers	2.470	2.570	Plasterers	3.025	3.150
Steam fitters	2.750	3.135	Spray	2.520	2.620	Plasterers	2.800	2.888
Sprinkler fitters	2.750	2.750	Swing stage	2.470	2.570	Roofers, slate and tile	2.625	2.750
Stonemasons	3.250	3.375	Structural steel	2.595	2.695	Precast slab	2.800	2.888
Residential or speculative	2.875	2.720	Structural steel	2.470	2.570	Sheet-metal workers	2.875	2.875
Structural-iron workers	3.050	3.230	Paperhangars	3.000	3.300	Sign painters	2.600	2.600
Tile layers	2.750	2.900	Plasterers	2.500	2.500	Over seventy feet	2.850	2.850

3/ 35-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
PITTSBURGH, PA. - Continued			PORTLAND, OREG.			PORTLAND, OREG. - Continued		
<u>Journeymen</u> - Continued			<u>Journeymen</u>			<u>Journeymen</u> - Continued		
Steam fitters	\$2.825	\$3.000	Asbestos workers	\$2.550	\$2.610	Glaziers	\$2.250	\$2.400
Sprinkler fitters	2.650	2.900	Boilermakers	2.550	2.750	Lathers	2.750	2.900
Stonemasons	3.250	3.250	Bricklayers	3.000	3.175	Marble setters	2.550	2.550
Structural- and ornamental-iron workers	2.875	2.875	Carpenters	2.300	2.450	Mosaic and terrazzo workers	2.375	2.600
Tile layers	2.750	3.000	Millwrights	2.550	2.700	Painters	2.300	2.300
<u>Helpers and laborers</u>			Floor layers	2.425	2.575	Bridge and structural steel, spray, and swing stage	2.450	2.450
Bricklayers' tenders	1.950	2.150	Pile drivers, bridge, dock, and wharf builders	2.400	2.400	Paperhangers	2.450	2.450
Building laborers	1.700	1.900	Shinglers	2.450	2.600	Plasterers	2.850	3.000
Elevator constructors' helpers	2.005	2.115	Cement finishers	2.300	2.430	Plumbers	2.500	2.770
Marble setters' helpers	1.845	2.000	Composition workers, mastic workers	2.425	2.555	Rodmen	2.300	2.300
Plasterers' laborers	1.950	2.150	Electricians (inside wiremen) and fixture hangers	2.600	2.725	Roofers, composition	2.375	2.420
Plumbers' laborers	1.875	1.875	Elevator constructors	2.650	2.740	Roofers, slate and tile	2.375	2.420
Terrazzo workers' helpers	2.050	2.050	Engineers - Power equipment operators:			Sheet-metal workers	2.400	2.500
Tile layers' helpers	1.833	2.040	Building construction:			Sign painters	2.425	2.750
			Heavy equipment:			Steam fitters	2.770	2.770
			Power shovels, drag-lines and cranes, under 1 cubic yard ...	2.350	2.450	Oil fitters	2.420	2.420
			Power shovels, drag-lines and cranes, 1 cubic yard and under 5 cubic yards ..	2.450	2.550	Stonemasons	3.000	3.175
			Power shovels, drag-lines and cranes, 5 cubic yards and over	2.800	2.900	Structural-iron workers	2.500	2.500
			Tractors, under 50 horsepower	2.100	2.200	Ornamental finishers	2.500	2.500
			Tractors, over 50 horsepower	2.300	2.400	Tile layers	2.375	2.750
			Medium equipment:			<u>Helpers and laborers</u>		
			Blades, power	2.300	2.400	Boilermakers' helpers	2.230	2.450
			Pile drivers	2.400	2.500	Bricklayers' tenders	2.250	2.350
			Light equipment:			Building laborers	1.750	1.950
			Hoists:			Elevator constructors' helpers		
			Single drum	2.100	2.200	Marble setters' helpers	1.850	1.920
			2 or more active drums	2.400	2.500	Plasterers' helpers	2.250	2.350
			Concrete mixers:			Plumbers' helpers	1.850	1.950
			1 to 5 bag capacity ..	2.050	2.150	Terrazzo workers' helpers	2.250	2.350
			5 bag capacity and over	2.200	2.300	Tile layers' helpers	2.150	2.250
			Derricks, live boom ...	2.450	2.550	PROVIDENCE, R. I.		
			Heavy construction:			<u>Journeymen</u>		
			Heavy equipment:			Asbestos workers	2.450	2.695
			Power shovels, pile drivers, hoisting engines	2.800	3.000	Boilermakers	2.600	2.750
			Medium equipment:			Bricklayers	2.775	2.883
			Bulldozers, concrete mixers, steam boilers	2.425	2.625	Tunnel, sewer and caisson	3.025	3.140
			Light equipment:			Carpenters	2.250	2.450
			Pumps, compressors, welding machines	2.350	2.550	Cement finishers	2.500	2.500
			Heavy construction:			Electricians (inside wiremen)	2.400	2.550
			Heavy equipment:			Elevator constructors	2.575	2.680
			Power shovels, drag-lines, and cranes, under 1 cubic yard ...	2.350	2.450	Engineers - Power equipment operators:		
			Power shovels, drag-lines, and cranes, 1 cubic yard and under 5 cubic yards ..	2.450	2.550	Building construction:		
			Power shovels, drag-lines, and cranes, 5 cubic yards and over	2.800	2.900	Heavy equipment:		
			Tractors, under 50 horsepower	2.100	2.200	Cranes, shovels, drag-lines, and back hoes	2.625	2.775
			Tractors, over 50 horsepower	2.300	2.400	Medium equipment:		
			Hoists, pile drivers and derricks	2.400	2.500	Hoists, pile drivers and derricks	2.625	2.775
			Light equipment:			Light equipment:		
			Pumps, compressors, welding machines	2.350	2.550	Pumps, air compressors and gas or electric heaters	2.250	2.400
			Heavy construction:			Heavy construction:		
			Heavy equipment:			Heavy equipment:		
			Shovels, cranes, drag-lines, and pavers	2.625	2.775	Shovels, cranes, drag-lines, and pavers	2.625	2.775
			Medium equipment:			Medium equipment:		
			Pile drivers, lighters and derricks	2.625	2.775	Pile drivers, lighters and derricks	2.625	2.775
			Light equipment:			Light equipment:		
			Mixers, pumps, air compressors, stone crushers	2.250	2.400	Mixers, pumps, air compressors, stone crushers	2.250	2.225
			Glaziers	2.250	2.400	Granite cutters	5/1.940	5/2.120
			Lathers	2.850	3.000	Marble setters	2.250	2.475
			Mosaic and terrazzo workers	2.250	2.475	Mosaic and terrazzo workers	2.250	2.475
			<u>Helpers and laborers</u>					
Bricklayers' tenders	1.430	1.580						
Building laborers	1.320	1.470						
Carpenters' tenders	1.430	1.580						
Elevator constructors' helpers	1.600	1.680						
Jackhammer men	1.540	1.690						
Plasterers' laborers	1.540	1.690						

5/ 35-hour workweek in effect 6 months of the year and 40-hour workweek for remaining 6 months.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour			
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		
PROVIDENCE, R. I. - Continued										
Journeymen - Continued										
Painters	\$2.000	\$2.150	READING, PA. - Continued			RICHMOND, VA. - Continued				
Structural steel	2,250	2,400	Journeymen - Continued			Helpers and laborers				
Paperhanglers	2,000	2,150	Roofers, slate and tile	\$2.100	\$2.100	Bricklayers' tenders	\$1.250	\$1.300		
Plasterers	2,850	3,000	Slab	2,450	2,450	Building laborers	1,000	1,050		
Plumbers	2,400	2,550	Sheet-metal workers	2,200	2,375	Elevator constructors'				
Rodman	2,600	2,700	Sign painters	1,600	1,700	helpers	1,645	1,740		
Roofers, composition	2,200	2,350	Outdoor advertising and			Plasterers' laborers	1,250	1,300		
Roofers, slate and tile	2,400	2,550	swing	1,850	1,950	ROCHESTER, N. Y.				
Sheet-metal workers	2,400	2,550	Steam fitters	2,500	2,675	Journeymen				
Sign painters	2,000	2,000	Stonemasons	2,750	2,750					
Steam fitters	2,400	2,550	Structural-iron workers	2,900	3,060					
Stonemasons	2,775	2,888	Tile layers	2,750	2,750					
Structural-iron workers	2,600	2,700	Helpers and laborers							
Tile layers	2,250	2,475	Bricklayers' tenders	1,870	2,050	Asbestos workers	2,640	2,800		
Helpers and laborers			Building laborers	1,485	1,660	Bricklayers	2,750	2,950		
Bricklayers' tenders	1,650	1,800	Elevator constructors'			Carpenters	2,410	2,660		
Building laborers	1,650	1,800	helpers	1,790	1,910	Millwrights	2,600	2,850		
Elevator constructors'			Plasterers' laborers	1,870	2,050	Electricians (inside wiremen)	2,750	2,750		
helpers	1,800	1,880	Plumbers' laborers	1,485	1,660	Elevator constructors	2,700	2,900		
Marble setters' helpers	1,500	1,650	RICHMOND, VA.			Engineers - Power equipment	2,630	2,895		
Plasterers' laborers	1,900	2,050	Journeymen			operators:				
Terrazzo workers' helpers	1,500	1,650				Building construction:				
Tile layers' helpers	1,500	1,650	Asbestos workers	2,375	2,625	Heavy equipment:				
READING, PA.			Boilermakers	2,610	2,760	Cranes, derricks, and				
Journeymen			Bricklayers	2,750	2,750	pile drivers	2,750	2,950		
Asbestos workers	2,500	2,500	Carpenters	2,050	2,050	Medium equipment:				
Bricklayers	3,000	3,000	Millwrights	2,300	2,300	Hoists, high pressure				
Carpenters	2,365	2,560	Cement finishers	1,900	1,950	boilers, and				
Floor layers and mill-			Electricians (inside wiremen)	2,250	2,500	pump creek				
wrights	2,365	2,560	Elevator constructors	2,355	2,485	machines	2,600	2,800		
Cement finishers	2,310	2,500	Engineers - Power equipment			Light equipment:				
Electricians (inside wiremen)	2,500	2,750	operators:			Mixers (1AS to 26S) ...	2,400	2,600		
Elevator constructors	2,555	2,730	Air compressors	1,920	1,920	Pumps (4 inches and				
Engineers - Power equipment			Bulldozers	2,060	2,060	over) and mixers				
operators:			Cranes, derricks, and			(under 14S)	2,150	2,350		
Building construction:			draglines	2,330	2,330	Compressors (160 cubic				
Heavy equipment:			Graders:			feet and over)	2,100	2,300		
Cranes (all types),			Blade	2,060	2,060	Compressors (under 160				
derricks, power			Motor	2,060	2,060	cubic feet) and pumps				
shovels	2,800	3,200	Hoists:			(under 4 inches)	1,800	2,000		
Medium equipment:			1 drum	1,920	1,920	Heavy construction:				
Tournapulls and			2 or more drums	2,200	2,200	Heavy equipment:				
carry-alls	2,425	2,825	Locomotives	2,060	2,060	Cableways, pile				
Bulldozers and			Mixers:			drivers, cranes				
tractors	2,175	2,575	10S or smaller	1,780	1,780	and shovels	2,750	2,950		
Light equipment:			Larger than 10S	2,060	2,060	Medium equipment:				
Welding machines	2,359	2,750	Pumps:			Mucking machines	2,600	2,800		
Compressors and pumps	2,225	2,625	2 inch discharge	1,650	1,650	Carry-all type				
Heavy construction:			Over 2 inch discharge	1,920	1,920	scrapers, bulldozers,				
Heavy equipment:			Rollers	1,920	1,920	and graders	2,400	2,600		
Cranes (all types),			Scrapers	2,200	2,200	Light equipment:				
cableways, and power			Shovels	2,330	2,330	Dinky locomotives and				
shovels	2,800	3,200	Tournapulls	2,200	2,200	pumps (4 inches				
Medium equipment:			Tractors:			and over)	2,400	2,600		
Tournapulls and			Without attachments	1,920	1,920	Compressors (315 cubic				
carry-alls	2,425	2,825	With attachments	2,200	2,200	feet and over)	2,100	2,300		
Bulldozers and			Trenching machines	2,200	2,200	feet and over)	1,800	2,000		
tractors	2,175	2,575	Glaziers	1,825	1,825	Glaziers	2,150	2,350		
Light equipment:			Lathers	2,375	2,375	Lathers	2,600	2,800		
Welding machines	2,350	2,750	Marble setters	2,500	2,500	Machinists	2,750	3,000		
Compressors and pumps	2,225	2,625	Mosaic and terrazzo			Marble setters	2,650	2,850		
Painters			workers			workers	2,650	2,850		
Spray	2,450	2,620	Painters	1,825	2,000	Painters	2,340	2,540		
Structural steel	2,250	2,400	Spray	2,275	2,450	Plasterers	2,750	2,950		
Paperhanglers			Structural steel	2,075	2,250	Plumbers	2,640	2,840		
Plasterers	2,750	2,950	Painters	1,825	2,000	Rodmen	2,600	2,600		
Plumbers	2,500	2,675	Sheet-metal workers	2,100	2,325	Roofers, composition	2,300	2,300		
Rodmen	2,700	2,860	Sign painters	2,000	2,000	Roofers, slate and				
Roofers, composition	2,100	2,100	Steam fitters	2,475	2,500	tile	2,300	2,300		

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour																																											
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952																																										
ROCHESTER, N. Y. - Continued			ROCK ISLAND (ILL.) DISTRICT 6/ - Continued			ST. LOUIS, MO. - Continued																																												
<u>Helpers and laborers</u>			<u>Helpers and laborers</u>			<u>Journeymen</u> - Continued																																												
Bricklayers' tenders	\$1.760	\$2.000	Bricklayers' tenders	\$1.650	\$1.725	Rodmen	\$2.750	\$2.900																																										
Building laborers	1.760	2.000	Mortar mixers	1.760	1.840	Roofers, composition	2.475	2.750																																										
Elevator constructors' helpers	1.840	2.030	Building laborers	1.650	1.725	Roofers, slate, tile and precast slab	2.375	2.750																																										
Marble setters' helpers	1.820	2.000	Ditch, sewer and tunnel work	1.725	1.895	Sheet-metal workers	2.750	2.900																																										
Plasterers' laborers	1.760	2.000	Elevator constructors' helpers	1.750	1.820	Sign and pictorial painters	2.750	2.750																																										
Terrazzo workers helpers	1.820	2.000	Marble setters' helpers	1.600	1.600	Steam fitters	2.625	2.900																																										
Machine operators and grinders	1.920	2.100	Plasterers' tenders	2.063	2.213	Sprinkler fitters	2.625	2.750																																										
Tile layers' helpers	1.825	2.000	Mortar mixers	2.063	2.213	Stonemasons	3.000	3.450																																										
ROCK ISLAND (ILL.) DISTRICT 6/			Plumbers' helpers	1.650	1.725	Structural-iron workers	2.750	2.900																																										
<u>Journeymen</u>			Terrazzo workers' helpers ...	1.600	1.600	Tile layers	2.625	2.783																																										
Asbestos workers	2.350	2.350	Base grinders	1.750	1.750	<u>Helpers and laborers</u>																																												
Boilermakers	1.900	1.900	Tile layers' helpers	1.600	1.600	Bricklayers' tenders (hod carriers)	2.200	2.240																																										
Bricklayers	2.625	3.000	ST. LOUIS, MO.			Building laborers	1.770	1.970																																										
Carpenters	2.335	2.440	<u>Journeymen</u>			Elevator constructors' helpers	1.960	2.060																																										
Cement finishers	2.285	2.440	Asbestos workers	2.820	2.830	Plasterers' laborers	2.375	2.500																																										
Electricians (inside wiremen)	2.500	2.750	Boilermakers	2.650	2.650	Plumbers' laborers	2.000	2.060																																										
Elevator constructors	2.505	2.600	Bricklayers	3.000	3.450	Stonemasons' helpers	2.200	2.400																																										
Engineers - Power equipment operators:			Sewer, over 6 feet, open work	3.250	3.700	Terrazzo workers' helpers	1.980	2.100																																										
Building construction:			Carpenters	2.700	2.900	Base-machine operators	2.200	2.320																																										
Heavy equipment:			Cement finishers	2.750	2.750	Tile layers' helpers	1.785	1.890																																										
Concrete mixers, 2 drum hoists, shovels, derricks	2.440	2.550	On swinging scaffold	2.875	2.875	ST. PAUL, MINN.																																												
Medium equipment:			Composition	3.000	3.000	<u>Journeymen</u>																																												
Concrete pumps, front end loaders, single-drum hoists	2.310	2.415	Electricians (inside wiremen)	2.625	2.750	Asbestos workers	2.550	2.700																																										
Light equipment:			Elevator constructors	2.790	2.940	Bricklayers	2.650	2.900																																										
Air compressors (under 500 cubic feet), concrete mixers, stationary boilers ...	1.935	2.025	Building construction:			Tuck pointing	2.770	3.025																																										
Heavy construction:			Heavy equipment:			Carpenters	2.330	2.400																																										
Heavy equipment:			Crane-dragline-shovel combination	2.760	2.950	Cement finishers	2.280	2.450																																										
Concrete mixers, mechanics, shovels and all attachments	2.340	2.550	Derricks (all types), pile drivers	2.760	2.950	Electricians (inside wiremen)	2.585	2.650																																										
Medium equipment:			Medium equipment:			Elevator constructors	2.420	2.710																																										
Bulldozers, scraper equipment, equipment greasers, motor patrols	2.220	2.415	Boring machines (footing foundation)	2.760	2.950	Engineers - Power equipment operators:																																												
Light equipment:			Combination hoists and concrete mixers	2.760	2.950	Building construction:																																												
Air compressors, stationary boilers, water pumps	1.880	2.025	Tractor shovels, Hi-lift	2.760	2.950	Heavy equipment:																																												
Glaziers	2.338	2.488	Light equipment:			Derricks, cranes, shovels	2.500	2.570																																										
Lathers	2.500	2.750	Concrete pumps	2.760	2.950	Pumpcretes	2.390	2.450																																										
Marble setters	2.250	2.250	1 drum hoists, single compressors	2.210	2.400	Medium equipment:																																												
Mosaic and terrazzo workers	2.250	2.250	Heavy construction:			Hoists, concrete mixers, mechanics, welders	2.280	2.350																																										
Painters	2.250	2.460	Heavy equipment:			Light equipment:																																												
Steel	2.375	2.585	Crane-dragline-shovel combination	2.760	2.950	Compressors	1.950	2.020																																										
Swing stage, triple ladder, window tracks and spray	2.375	2.585	Derricks (all types), pile drivers	2.760	2.950	Firemen	1.780	1.850																																										
Paperhanglers	2.250	2.460	Medium equipment:			Oilers	1.670	1.750																																										
Plasterers	2.750	2.900	Hoists, welding machines, single compressors	2.210	2.400	Heavy construction:																																												
Plumbers	2.500	2.750	Light equipment:			Heavy equipment:																																												
Rodmen	2.475	2.740	Boilers, pumps, concrete-mixing machines	2.210	2.400	Cranes, shovels, dredges, derricks	2.450	2.570																																										
Roofers, composition	2.365	2.365	Glaziers	2.750	2.750	Medium equipment:																																												
Roofers, slate and tile	2.365	2.365	Lathers:			Mechanics, welders, bulldozers, scrapers, graders, motor patrols	2.220	2.350																																										
Sheet-metal workers	2.420	2.625	Wood	2.625	2.750	Sign painters	2.310	2.460	Metal	2.875	3.000	Light equipment:			Steam fitters	2.500	2.750	Machinists	2.750	2.750	Pumps, compressors	1.900	2.020	Refrigeration fitters	2.500	2.750	Marble setters	2.650	2.800	Loaders, Barber Green	2.000	2.130	Structural-iron workers	2.475	2.740	Mosaic and terrazzo workers	2.750	2.850	Finishing machines	2.060	2.130	Tile layers	2.250	2.250	Painters	2.500	2.600	Glaziers	2.110	2.160
Sign painters	2.310	2.460	Metal	2.875	3.000	Light equipment:																																												
Steam fitters	2.500	2.750	Machinists	2.750	2.750	Pumps, compressors	1.900	2.020																																										
Refrigeration fitters	2.500	2.750	Marble setters	2.650	2.800	Loaders, Barber Green	2.000	2.130																																										
Structural-iron workers	2.475	2.740	Mosaic and terrazzo workers	2.750	2.850	Finishing machines	2.060	2.130																																										
Tile layers	2.250	2.250	Painters	2.500	2.600	Glaziers	2.110	2.160																																										

6/ Includes Rock Island and Moline, Ill., and Davenport, Iowa.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
ST. PAUL, MINN. - Continued			SALT LAKE CITY, UTAH - Continued			SAN ANTONIO, TEX. - Continued		
<u>Journeymen</u> - Continued			<u>Journeymen</u> - Continued			<u>Journeymen</u> - Continued		
Plasterers	\$2.750	\$2.900	Engineers - Power equipment operators: - Continued			Engineers - Power equipment operators: - Continued		
Plumbers	2.550	2.700	Heavy construction: - Continued			Derricks, draglines, and pile drivers	\$2.200	\$2.200
Rodmen	2.370	2.370	Heavy equipment:			Graders, self-propelled ...	2.200	2.200
Roofers, composition	2.200	2.400	Power shovels, up to 1 yard	\$2.300	\$2.400	Hoists:		
Roofers, slate and tile	2.200	2.400	Power shovels, over 1 yard	2.300	2.400	1 drum	1.925	1.925
Sheet-metal workers	2.475	2.625	Tournapull or similar type	2.275	2.375	2 or more drums	2.200	2.200
Sign painters	2.300	2.485	Cableways	2.300	2.400	Mixers:		
Steam fitters	2.550	2.700	Medium equipment:			Under 14 cubic feet	1.925	1.925
Pipe fitters	2.550	2.700	Mucking-machines (underground work) ...	2.400	2.500	14 cubic feet and over ..	2.200	2.200
Sprinkler fitters	2.600	2.750	Concrete mixers, paving or batch plant	2.150	2.250	Pumps, larger than 4 inches	1.925	1.925
Refrigeration fitters	2.200	2.200	Tractors	2.150	2.250	Rollers	2.200	2.200
Stonemasons	2.650	2.900	Motor patrols	2.250	2.350	Scrapers:		
Structural-iron workers and finishers	2.500	2.500	Light equipment:			3 cubic yards or less ...	1.925	1.925
Tile layers	2.550	2.700	Dinkeys	1.900	2.000	Over 3 cubic yards	2.200	2.200
<u>Helpers and laborers</u>			Locomotives	2.150	2.250	Shovels	2.200	2.200
Bricklayers' tenders	1.670	1.670	Truck cranes	2.300	2.400	Tractors, crawler type and wheel type (except when hauling material)	1.925	1.925
Mortar mixers	1.800	1.800	Glaziers	1.925	1.925	Trenching machines	2.200	2.200
Building laborers	1.670	1.670	Lathers, wood and metal	2.625	2.625	Glaziers	2.000	2.000
Composition roofers' helpers	1.730	1.930	Marble setters	2.250	2.500	Lathers	3.000	3.000
Elevator constructors' helpers	1.690	1.900	Mosaic and terrazzo workers	2.250	2.500	Machinists	2.500	2.500
Marble setters' helpers	1.750	1.750	Painters	2.000	2.000	Marble setters	2.250	2.250
Plasterers' laborers	2.220	2.220	Swing stage	2.125	2.125	Mosaic and terrazzo workers	2.250	2.250
Plumbers' laborers	1.970	2.120	Spray gun	2.250	2.250	Painters	2.000	2.000
Sprinkler fitters' helpers	1.750	1.750	Paperhangers	2.125	2.125	Spray and structural steel brush	2.250	2.250
Terrazzo workers' helpers: Floor-machine operators	1.840	1.940	Plasterers	2.635	2.750	Structural steel spray	2.500	2.500
Base-machine operators	2.090	2.240	Plumbers	2.500	2.500	Paperhangers	2.000	2.000
Tile layers' helpers	1.750	1.750	Rodmen	2.250	2.325	Plasterers	3.000	3.000
SALT LAKE CITY, UTAH			Roofers, composition	2.150	2.290	Plumbers	2.625	2.625
<u>Journeymen</u>			Roofers, slate and tile	2.150	2.290	Rodmen	2.250	2.400
Asbestos workers	2.150	2.510	Sheet-metal workers	2.200	2.250	Sheet-metal workers	2.500	2.625
Boilermakers	2.530	2.750	Sign painters	2.050	2.130	Sign painters	1/1.500	1/1.500
Bricklayers	2.750	2.750	Steamfitters	2.500	2.500	Steam fitters	2.625	2.625
Carpenters	2.050	2.150	Refrigerator fitters	2.200	2.400	Stonemasons	3.000	3.000
Millwrights and saw filers	2.175	2.275	Stonemasons	2.750	2.750	Structural- and ornamental-iron workers	2.500	2.650
Pile drivers	2.558	2.708	Structural-iron workers	2.325	2.425	Tile layers	2.250	2.250
Cement finishers	2.050	2.150	Ornamental finishers	2.325	2.425	<u>Helpers and laborers</u>		
Composition floor layers	2.175	2.275	Tile layers	2.250	2.500	Bricklayers' tenders	1.330	1.420
Finishing-machine operators	2.175	2.275	<u>Helpers and laborers</u>			Hod carriers and mortar mixers	1.590	1.680
Electricians (inside wiremen)	2.400	2.600	Bricklayers' tenders	1.900	2.000	Building laborers	1.060	1.150
Elevator constructors	2.340	2.520	Building laborers	1.500	1.600	Elevator constructors' helpers	1.845	1.930
Engineers - Power equipment operators: Building construction: Heavy equipment: Derricks			Elevator constructors' helpers	1.640	1.760	Plasterers' laborers	1.590	1.680
Engineers - Power equipment operators: Building construction: Heavy equipment: Derricks			Mosaic and terrazzo workers' helpers	1.500	1.600	Plasterers' laborers	1.100	1.150
Air compressors	1.875	1.975	Plasterers' laborers	2.125	2.225	SAN FRANCISCO, CALIF.		
Air compressors - 2 or more	2.000	2.100	Plumbers' laborers	1.500	1.600	<u>Journeymen</u>		
Concrete mixers, skip type	1.900	2.000	Pipe layers	1.625	1.725	Asbestos workers	2.585	2.585

3/ 35-hour workweek.
 1/ 44-hour workweek.

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
SAN FRANCISCO, CALIF. - Continued			SAN FRANCISCO, CALIF. - Continued			SCRANTON, PA. - Continued		
Journeymen - Continued			Helpers and laborers - Continued			Journeymen - Continued		
Engineers - Power equipment operators:			Terrazzo workers' helpers ...	\$2.050	\$2.130	Cement finishers	\$2.365	\$2.620
Building construction:			Wet-machine men	2.200	2.280	Electricians (inside wiremen)	2.500	2.750
Heavy equipment:			Terrazzo polishers	2.200	2.280	Elevator constructors	2.670	2.670
Derricks	\$2.680	\$2.830	Tile layers' helpers	2.210	2.250	Engineers - Power equipment operators:		
Tractors-type shovel loaders	2.680	2.830	SAVANNAH, GA.			Building construction:		
Medium equipment:			Journeymen			Heavy equipment:		
Material hoists	2.410	2.560	Asbestos workers	2.500	2.625	Cranes (all types), derricks, power shovels	2.800	3.200
Mixermobiles	2.570	2.720	Boilermakers	2.475	2.600	Medium equipment:		
Scoopmobiles (when used as hoist)	2.410	2.560	Bricklayers	2.500	2.500	Tournapulls and carry-alls	2.425	2.825
Scoopmobiles (when used as a loader)	2.570	2.720	Carpenters, wharf and bridge	2.000	2.150	Bulldozers and tractors	2.175	2.575
Light equipment:			Millwrights	2.250	2.400	Light equipment:		
Compressors	2.130	2.280	Pile drivers	2.100	2.250	Welding machines	2.350	2.750
Compressors (more than one)	2.460	2.610	Cement finishers	1.875	1.875	Compressors and pumps	2.225	2.625
Towermobiles	2.410	2.560	Electricians (inside wiremen)	2.350	2.500	Heavy construction:		
Concrete mixers (up to 1 yard)	2.130	2.280	Elevator constructors	2.350	2.445	Cranes (all types), power shovels, cableways	2.800	3.200
Heavy construction:			Engineers - Power equipment operators:			Medium equipment:		
Heavy equipment:			Air compressors	2.000	2.000	Tournapulls and carry-alls	2.425	2.825
Power shovels (up to and including 1 yard).	2.850	3.000	Bulldozers	2.000	2.000	Bulldozers and tractors	2.175	2.575
Power shovels (over 1 yard)	2.960	3.110	Cranes, pile drivers, derrick, and draglines	2.250	2.250	Light equipment:		
Le Tourneau pulls	2.680	2.830	Graders	2.000	2.000	Welding machines	2.350	2.750
Highline cableways	2.850	3.000	Hoists:			Compressors and pumps		
Medium equipment:			1 and 2 drums	2.000	2.000	Heavy equipment:		
Mucking machines	2.650	2.800	3 or more drums	2.250	2.250	Cranes (all types), power shovels, cableways	2.800	3.200
Dual-drum mixers	2.570	2.720	Mixers:			Medium equipment:		
Tractors	2.520	2.670	Under 14 cubic feet	2.000	2.000	Tournapulls and carry-alls	2.425	2.825
Light equipment:			14 cubic feet and over ..	2.250	2.250	Bulldozers and tractors	2.175	2.575
Locomotives	2.240	2.390	Pumps	2.000	2.000	Light equipment:		
Locomotives (steam or over 30 tons)	2.520	2.670	Rollers	2.000	2.000	Welding machines	2.350	2.750
Truck cranes	2.680	2.830	Scrapers	2.000	2.000	Compressors and pumps	2.225	2.625
Glassiers	2.300	2.450	Shovels	2.250	2.250	Glaziers	1.900	1.900
Granite cutters	2.750	2.250	Tractors	2.000	2.000	Inside	1.500	1.500
Lathers	3.000	3.000	Trenching machines	2.000	2.000	Lathers	2.500	2.750
Machinists	2.500	2.500	Glaziers	1.850	2.000	Marble setters	2.625	2.900
Marble setters	2.700	2.825	Lathers	2.250	2.250	Painters	2.063	2.220
Mosaic and terrazzo workers	2.700	2.760	Machinists	2.250	2.475	Swing	2.200	2.350
Base-machine operators	2.700	2.760	Marble setters	2.500	2.500	Steel	2.475	2.600
Painters	3/2.450	3/2.600	Mosaic and terrazzo workers	2.500	2.500	Paperhangers	2.063	2.220
Structural steel	3/2.450	3/2.600	Painters	1.850	2.000	Plasterers	2.620	2.900
Paperhangers	3/2.450	3/2.600	Spray	3.200	3.350	Plumbers	2.425	2.680
Plasterers	3.000	3.125	Structural steel	2.100	2.250	Rodmen	2.970	3.150
Plumbers	2.750	2.750	Paperhangers	1.975	2.125	Roofers, composition	2.250	2.450
Rodmen	2.450	2.600	Plasterers	2.250	2.250	Roofers, slate and tile	2.250	2.450
Roofers, composition	2.500	2.500	Plumbers	2.500	2.700	Sheet-metal workers	2.300	2.425
Roofers, slate and tile	2.500	2.500	Rodmen	2.000	2.350	Steam fitters	2.425	2.530
Sheet-metal workers	2.475	2.625	Sheet-metal workers	2.000	2.100	Stonescutters	2.000	2.100
Sign painters	3/2.500	3/2.500	Sign painters	1.850	2.000	Outside (finish)	2.500	2.750
Steam fitters	3/2.500	3/2.500	Steam fitters	2.500	2.700	Stonemasons	2.875	2.875
High pressures	2.750	2.750	Stonemasons	2.500	2.500	Structural-iron workers	3.070	3.250
Low pressures	2.625	2.625	Structural- and ornamental-iron workers	2.500	2.500	Tile layers	2.625	2.900
Oil burner and refrigeration fitters	2.625	2.625	iron workers	2.250	2.600	Helpers and laborers		
Sprinkler fitters	2.750	2.750	Tile layers	2.500	2.500	Bricklayers' tenders	1.625	1.900
Stone masons	3/3.250	3/3.250	Helpers and laborers			Building laborers	1.500	1.750
Structural-iron workers	2.700	2.850	Bricklayers' tenders	1.100	1.100	Composition-roofers' helpers		
Finishers (ornamental)	2.550	2.700	Building laborers	1.000	1.000	Elevator constructors' helpers	1.625	1.800
Tile layers	2.955	3.000	Elevator constructors' helpers	1.645	1.710	Helpers	1.870	1.870
Helpers and laborers			Plasterers' laborers	1.100	1.100	Marble setters' helpers	1.625	1.940
Bricklayers' tenders	2.450	2.600	Mortar mixers	1.150	1.150	Plasterers' laborers	1.625	1.900
Building laborers	1.700	1.850	SCRANTON, PA.			Plumbers' laborers	1.500	1.750
Elevator constructors' helpers	1.990	2.075	Journeymen			Terrazzo workers' helpers	1.625	1.940
Marble setters' helpers	2.100	2.100	Asbestos workers	2.300	2.300	Tile layers' helpers	1.625	1.940
Plasterers' helpers	2/2.650	2/2.650	Bricklayers	2.875	3.000	SEATTLE, WASH.		
Helpers and laborers			Carpenters	2.250	2.450	Journeymen		
Asbestos workers			Hillwrights	2.500	2.700	Asbestos workers	2.550	2.675
Bricklayers						Boilermakers	2.550	2.750

2/ 30-hour workweek.
 2/ 35-hour workweek.

TABLE 14.—Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952—Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
SEATTLE, WASH. — Continued			SEATTLE, WASH. — Continued			SOUTH BEND, IND. — Continued		
Journeymen — Continued			Journeymen — Continued			Helpers and laborers		
Bricklayers	\$3.300	\$3.300	Stonemasons	\$3.300	\$3.300	Bricklayers' tenders	\$1.815	\$1.940
Sewer and tunnel	3.425	3.425	Structural-iron workers	2.570	2.780	Mortar mixers and hod carriers	1.980	2.105
Carpenters	2.420	2.580	Finishers	2.570	2.780	Building laborers	1.815	1.940
Floor layers, shinglers	2.550	2.710	Tile layers	2.750	2.980	Composition roofers' helpers	1.870	2.020
Pile drivers, bridge and dock	2.470	2.630	Helpers and laborers			Elevator constructors' helpers	1.760	1.880
Cement finishers	2.370	2.580	Bricklayers' tenders	2.220	2.430	Marble setters' helpers	1.815	1.815
Floor layers, composition and mastic	2.420	2.630	Building laborers	1.970	2.180	Plasterers' laborers	1.980	2.105
Electricians (inside wiremen) and fixture hangers	2.650	2.800	Elevator constructors' helpers	1.925	1.995	Terrazzo workers' helpers	1.960	1.960
Elevator constructors	2.750	2.850	Marble setters' helpers	2.000	2.300	Base-machine operators	2.200	2.200
Engineers - Power equipment operators:			Plasterers' laborers	2.220	2.430	Tile layers' helpers	1.815	1.815
Building construction:			Plumbers' laborers	1.970	2.180	SPokane, Wash.		
Heavy equipment:			Terrazzo workers' helpers	2.000	2.300	Journeymen		
Shovels and cranes, all crawler and truck types	2.800	3.010	Machine	2.050	2.600	Asbestos workers	2.500	2.625
Bulldozers	2.450	2.660	Tile layers' helpers	2.000	2.300	Boilermakers	2.530	2.750
Carry-all type scrapers:			SOUTH BEND, IND.			Bricklayers	3.000	3.000
Singles	2.450	2.660	Journeymen			Carpenters	2.420	2.510
Tandems	2.600	2.810	Asbestos workers	2.475	2.655	Millwrights	2.620	2.710
Medium equipment:			Boilermakers	2.585	2.900	Pile drivers	2.680	2.770
Hoists	2.500	2.710	Bricklayers	3.000	3.000	Electricians (inside wiremen)	2.500	2.710
Mixers, other than paving	2.500	2.710	Ground hog workers, sewer, tunnel and caisson work	3.250	3.250	Elevator constructors	2.700	2.700
Pile drivers	2.570	2.780	Carpenters	2.420	2.545	Engineers - Power equipment operators:		
Light equipment:			Cement finishers	2.420	2.545	Building construction:		
Fork-lifts or lumber stackers (on construction job site) ..	2.450	2.660	Electricians (inside wiremen) and fixture hangers	2.530	2.655	Heavy equipment:		
Compressors, excavating	2.250	2.460	Elevator constructors	2.520	2.690	Cranes and derricks	2.450	2.450
Heavy construction:			Engineers - Power equipment operators:			Hoists - 2 or more drums	2.400	2.400
Heavy equipment:			Building construction:			Medium equipment:		
Shovels and cranes, all crawler and truck types	2.800	3.010	Heavy equipment:			Mixermobiles	2.350	2.350
Bulldozers	2.450	2.660	Shovels, draglines, large mixers	2.650	2.650	Pumpcretes (linkbelt or similar)	2.200	2.200
Carry-all type scrapers - single	2.450	2.660	Medium equipment:			Concrete mixers:		
Carry-all type scrapers - tandem	2.600	2.810	Cranes, derricks	2.650	2.650	Under 5 bag capacity	2.050	2.050
Medium equipment:			Hoists	2.320	2.320	5 bag capacity and over	2.200	2.200
Hoists	2.500	2.710	Light equipment:			Light equipment:		
Mixers, other than paving	2.500	2.710	Le Tourneau scoops	2.425	2.425	Compressors - 1 only (portable)	2.000	2.000
Pile driver engineers	2.570	2.780	Bulldozers	2.320	2.320	Compressors - 2 or more (portable)	2.100	2.100
Light equipment:			Heavy construction:			Pumps - under 4 inches	1.800	1.800
Fork-lifts or lumber stackers (on construction job site) ..	2.450	2.660	Heavy equipment:			Pumps - 4 inches and over	2.000	2.000
Compressors, excavating	2.250	2.460	Power shovels and shovel rigged machines (cranes, clamshells, etc.)			Heavy construction:		
Glaziers	2.180	2.180	Le Tourneau scoops	2.425	2.425	Power shovels and shovel rigged machines (cranes, clamshells, etc.)	2.450	2.450
Lathers, metal, wood, and wire	2.875	3.000	Bulldozers	2.320	2.320	Tractors	2.300	2.300
Machinists	2.620	2.800	Power blades	2.425	2.425	Highline cableways	2.450	2.450
Marble setters	2.725	2.900	and motor patrols	2.425	2.425	Medium equipment:		
Mosaic and terrazzo workers	2.575	2.575	Glaziers	2.200	2.200	Locomotives (over 12 tons)	2.250	2.250
Painters	2.370	2.580	Lathers, metal, wood, and wire	2.585	2.710	Derricks and pile drivers	2.450	2.450
Structural steel	2.495	2.705	Machinists	2.200	2.350	Traxcavator and similar loaders	2.300	2.300
Spray	2.370	2.580	Marble setters	2.750	2.750	Light equipment:		
Paperhangars	2.370	2.580	Mosaic and terrazzo workers	2.750	2.750	Compressors - 1 only (portable)	2.000	2.000
Plasterers	3.000	3.150	Structural steel	2.750	2.750	Compressors - 2 or more (portable)	2.100	2.100
Plumbers	2.750	2.750	Roofers, slate and tile	2.470	2.620	Pumps - under 4 inches	1.800	1.800
Rodmen	2.370	2.580	Sheet-metal workers	2.500	2.650	Pumps - 4 inches and over	2.000	2.000
Roofers, composition:			Sign painters	2.050	2.050	Glaziers	2.180	2.280
Flat	2.370	2.580	Steam fitters	2.530	2.655	Lathers	2.510	2.750
Steep	2.460	2.580	Roofers, composition	2.470	2.775			
Roofers, slate and tile	2.460	2.580	Roofers, slate and tile	2.470	2.620			
Sheet-metal workers	2.520	2.730	Sheet-metal workers	2.500	2.650			
Sign painters	2.670	2.880	Sign painters	2.050	2.050			
Steam fitters	2.750	2.900	Steam fitters	2.530	2.655			
Refrigeration	2.750	2.900	Tile layers	2.750	2.750			

TABLE 14.--Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
SPOKANE, WASH. - Continued			SPRINGFIELD, MASS. - Continued			SYRACUSE, N. Y. - Continued		
Journeymen - Continued	\$	\$	Journeymen - Continued	\$	\$	Journeymen - Continued	\$	\$
Marble setters	2.850	2.850	Painters	2.000	2.250	Marble setters	2.500	2.650
Mosaic and terrazzo workers	2.750	2.750	Spray	2/2.667	2/3.000	Mosaic and terrazzo workers	2.500	2.650
Painters	2.250	2.300	Paperhanglers	2.000	2.250	Painters	2.050	2.250
Spray	2.600	2.650	Plasterers	2.750	2.900	Spray	2.200	2.400
Structural steel	2.500	2.550	Plumbers	2.575	2.725	Structural steel	2.300	2.500
Paperhanglers	2.250	2.300	Rodmen	2.695	2.695	Plasterers	2.800	2.900
Plasterers	3.000	3.000	Roofers, composition	2.200	2.275	Plumbers	2.640	2.825
Plumbers	2.750	2.750	Roofers, slate and tile	2.420	2.500	Roofers, composition	2.350	2.530
Rodmen	2.350	2.500	Sheet-metal workers	2.420	2.600	Roofers, slate and tile	2.350	2.530
Roofers, composition	2.265	2.390	Steam fitters	2.500	2.500	Sheet-metal workers	2.400	2.625
Roofers, slate and tile	2.265	2.515	Stonecutters:			Sign painters	2.200	2.400
Sheet-metal workers	2.450	2.625	Inside	1.875	2.250	Steam fitters	2.640	2.900
Steam fitters	2.750	2.750	Outside	2.500	2.500	Structural-iron workers	2.650	2.790
Stonemasons	3.000	3.000	Stonemasons	2.750	2.900	Tile layers	2.500	2.650
Structural-iron workers	2.500	2.650	Structural-iron workers	2.695	2.695	Helpers and laborers		
Finishers	2.500	2.650	Tile layers	2.750	2.900	Building laborers	1.750	1.750
Tile layers	2.750	2.750	Helpers and laborers			Elevator constructors' helpers	1.880	1.925
Helpers and laborers			Bricklayers' tenders	1.785	2.020	Marble setters' helpers	1.880	1.950
Bricklayers' tenders	1.960	2.080	Building laborers	1.520	1.680	Steam fitters' helpers	1.700	1.700
Elevator constructors' helpers	1.890	1.890	Elevator constructors' helpers	1.740	1.740	Terrazzo workers' helpers	1.880	1.950
Building laborers	1.750	1.870	Marble setters' helpers	1.800	1.800	Tile layers' helpers	1.880	1.950
Marble setters' helpers	1.960	2.080	Plasterers' laborers	1.785	2.020	TOLEDO, OHIO		
Plasterers' laborers	2.350	2.500	Terrazzo workers' helpers	1.800	1.800	Journeymen		
Terrazzo workers' helpers	1.960	2.080	Tile layers' helpers	1.800	1.800	Asbestos workers	2.650	2.920
Tile layers' helpers	1.960	2.080	SYRACUSE, N. Y.			Boilermakers	2.755	3.035
SPRINGFIELD, MASS.			Journeymen			Carpenters	3.000	3.150
Journeymen			Asbestos workers			Floor layers, millwrights	2.550	2.820
Asbestos workers	2.450	2.450	Boilermakers	2.500	2.800	Cement finishers	2.755	3.035
Boilermakers	2.600	2.750	Bricklayers	2.850	3.000	Electricians (inside wiremen)	2.750	3.040
Bricklayers	2.750	2.900	Carpenters	2.450	2.570	Fixture hangers	2.600	2.890
Carpenters	2.200	2.200	Cement finishers	2.500	2.625	Elevator constructors	2.770	3.060
Cement finishers	2.750	2.900	Electricians (inside wiremen)	2.730	2.900	Engineers - Power equipment operators:		
Electricians (inside wiremen)	2.500	2.735	Building construction:			Building construction:		
Elevator constructors	2.480	2.480	Heavy equipment:			Heavy equipment:		
Engineers - Power equipment operators:			Cranes, 3-drum hoists and over, power shovels, trenching machines, and pile drivers			Cranes (all types), power shovels, derricks	2.755	3.040
Building construction:			Medium equipment:			Medium equipment:		
Heavy equipment:			1-drum hoists and pumps (4 inches and over)			Power graders, trench machines	2.495	2.760
Cranes, 3-drum hoists and over, power shovels, trenching machines, and pile drivers			Compressors			Rollers, asphalt	2.365	2.400
Medium equipment:			Light equipment:			Light equipment:		
Scrapers and tourna-pulls	2.500	2.650	Bulldozers			Bulldozers	2.495	2.760
Bulldozers	2.050	2.200	Pumps, 4 inches and over			Pumps, 4 inches and over	2.365	2.625
Light equipment:			Compressors			Pumps, under 4 inches	1.970	2.210
One- and two-drum hoists, pumps, boilers or compressors	2.000	2.150	Pumps (over 4 inches)			Compressors	2.365	2.760
Heavy construction:			Heavy construction:			Heavy construction:		
Heavy equipment:			Heavy equipment:			Heavy equipment:		
Cranes, 3-drum hoists and over, power shovels, trenching machines and pile drivers			Power shovels, and cranes			Cranes (all types), power shovels, derricks	2.755	3.040
Medium equipment:			Scrapers			Power graders, trench machines	2.495	2.760
Scrapers and tourna-pulls	2.500	2.650	Medium equipment:			Rollers	2.365	2.400
Bulldozers	2.050	2.200	Bulldozers			Light equipment:		
Light equipment:			Compressors			Bulldozers	2.495	2.760
One- and two-drum hoists, pumps, boilers or compressors	2.000	2.150	Pumps, 4 inches and over			Pumps, 4 inches and over	2.365	2.625
Glaziers	2.000	2.150	Compressors (under 500 cubic feet)			Pumps, under 4 inches	1.970	2.210
Lathers	2.170	2.400	Pumps (over 4 inches)			Compressors	2.365	2.760
Marble setters	2.450	2.640	Light equipment:			Heavy construction:		
Mosaic and terrazzo workers	2.750	2.900	Tractors			Heavy equipment:		
			Mixers (under 16S)			Cranes (all types), power shovels, derricks	2.755	3.040
			Graziers			Power graders, trench machines	2.495	2.760
			Lathers			Rollers	2.365	2.400
			Machinists			Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Heavy equipment:		
						Cranes (all types), power shovels, derricks	2.755	3.040
						Power graders, trench machines	2.495	2.760
						Rollers	2.365	2.400
						Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Medium equipment:		
						Power graders, trench machines	2.495	2.760
						Rollers	2.365	2.400
						Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Heavy construction:		
						Heavy equipment:		
						Cranes (all types), power shovels, derricks	2.755	3.040
						Power graders, trench machines	2.495	2.760
						Rollers	2.365	2.400
						Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Heavy construction:		
						Heavy equipment:		
						Cranes (all types), power shovels, derricks	2.755	3.040
						Power graders, trench machines	2.495	2.760
						Rollers	2.365	2.400
						Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Heavy construction:		
						Heavy equipment:		
						Cranes (all types), power shovels, derricks	2.755	3.040
						Power graders, trench machines	2.495	2.760
						Rollers	2.365	2.400
						Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Heavy construction:		
						Heavy equipment:		
						Cranes (all types), power shovels, derricks	2.755	3.040
						Power graders, trench machines	2.495	2.760
						Rollers	2.365	2.400
						Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Heavy construction:		
						Heavy equipment:		
						Cranes (all types), power shovels, derricks	2.755	3.040
						Power graders, trench machines	2.495	2.760
						Rollers	2.365	2.400
						Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Heavy construction:		
						Heavy equipment:		
						Cranes (all types), power shovels, derricks	2.755	3.040
						Power graders, trench machines	2.495	2.760
						Rollers	2.365	2.400
						Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Heavy construction:		
						Heavy equipment:		
						Cranes (all types), power shovels, derricks	2.755	3.040
						Power graders, trench machines	2.495	2.760
						Rollers	2.365	2.400
						Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Heavy construction:		
						Heavy equipment:		
						Cranes (all types), power shovels, derricks	2.755	3.040
						Power graders, trench machines	2.495	2.760
						Rollers	2.365	2.400
						Light equipment:		
						Bulldozers	2.495	2.760
						Pumps, 4 inches and over	2.365	2.625
						Pumps, under 4 inches	1.970	2.210
						Compressors	2.365	2.760
						Heavy construction:		
						Heavy equipment:		
						Cranes (all types), power shovels, derricks	2.755	3.040
					</td			

TABLE 14.—Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour			
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		
TOLEDO, OHIO - Continued										
Journeymen - Continued										
Painters, brush	\$2.365	\$2.650	WASHINGTON, D. C. - Continued			WORCESTER, MASS. - Continued				
Steel	2.365	2.650	Sprinkler fitters	\$2.600	\$2.600	Journeymen - Continued				
Spray	2.665	2.950	Steam fitters	2.650	2.900	Engineers - Power equipment operators:				
Brush, swing, over 30 feet	2.865	2.900	Refrigeration and oil burner fitters:			Building construction:				
Spray, swing, over 30 feet	2.915	2.950	5 horsepower or less	2.150	2.350	Heavy equipment:				
Paperhangars	2.365	2.650	Over 5 horsepower	2.650	2.900	Power shovels, pile drivers, hoisting engines	\$2.800	\$3.000		
Plasterers	2.755	3.035	Stonemasons	3.150	3.300	Medium equipment:				
Plumbers	2.750	3.040	Structural-iron workers	3.000	3.150	Bulldozers, concrete mixers, steam boilers	2.425	2.625		
Rodmen	2.580	2.850	Tile layers	3.000	3.125	Light equipment:				
Roofers, composition and built-up moppers	2.360	2.630	Helpers and laborers			Pumps, compressors, welding machines	2.350	2.550		
Roofers, slate and tile	2.360	2.630	Building laborers	1.550	1.700	Heavy construction:				
Sheet-metal workers	2.500	2.760	Composition roofers' helpers	1.700	1.750	Heavy equipment:				
Sign painters	2.225	2.450	Elevator constructors'			Power shovels, pile drivers, lighters	2.800	3.000		
Steam fitters	2.750	3.040	helpers	2.060	2.110	Medium equipment:				
Stonemasons	3.000	3.150	Marble setters' helpers	2.000	2.063	Concrete mixers, steam boilers, bulldozers	2.425	2.625		
Structural-iron workers	2.755	3.035	Plasterers' laborers	2.000	2.000	Light equipment:				
Finishers	2.755	3.035	Plumbers' laborers	1.750	1.750	Pumps, compressors, welding machines	2.350	2.550		
Tile layers	2.750	2.880	Sprinkler fitters' helpers	1.750	1.750	Glaziers	1.800	2.000		
Helpers and laborers			Terrazzo workers' helpers	2.063	2.125	Lathers	2.700	2.800		
WICHITA, KANS.			Tile layers' helpers	2.063	2.125	Marble setters	2.700	2.850		
Journeymen										
Bricklayers' tenders and mortar mixers	2.040	2.290	Asbestos workers	2.475	2.475	Mosaic and terrazzo workers				
Building laborers	1.920	2.160	Bricklayers	3.000	3.125	workers	2.700	2.850		
Elevator constructors' helpers	1.940	2.140	Carpenters	2.063	2.250	Painters	1.800	2.125		
Marble setters' helpers	1.825	1.825	Cement finishers	2.500	2.500	Paperhangars	1.800	2.125		
Plasterers' tenders	2.090	2.340	Electricians (inside wiremen)	2.500	2.650	Plasterers	2.700	2.850		
Terrazzo workers' helpers	1.825	1.825	Elevator constructors	2.550	2.550	Plumbers	2.338	2.680		
Base grinders	1.825	1.825	Lathers	3.000	3.000	Rodmen	2.550	2.640		
Tile layers' helpers	1.825	1.825	Marble setters	3.000	3.125	Sign painters	1.800	2.125		
WASHINGTON, D. C.			Mosaic and terrazzo workers	2.500	2.500	Steam fitters	2.340	2.625		
Journeymen			Painters	1.925	2.000	Structural-iron workers	2.550	2.640		
Asbestos workers	2.750	2.900	Spray	2.200	2.250	Stonemasons	2.700	2.850		
Boilermakers	2.610	2.760	Stage, over 45 feet	2.065	2.250	Tile layers	2.700	2.850		
Bricklayers	3.000	3.300	Stage, to height of 45 feet							
Carpenters	2.625	2.875								
Cement finishers	2.500	2.700	Helpers and laborers							
Electricians (inside wiremen)	3.000	3.000	Bricklayers' tenders	1.500	1.775	Bricklayers' tenders	1.650	1.750		
Elevator constructors	2.940	3.010	Hod carriers	1.500	1.775	Building laborers	1.550	1.650		
Engineers - Power equipment operators:			Building laborers	1.375	1.650	Elevator constructors' helpers	1.760	1.820		
Heavy equipment:			Elevator constructors' helpers			Plasterers' laborers	1.650	1.750		
Cranes, shovels, and pile drivers	2.725	2.850	Sheet-metal workers	2.250	2.460					
Medium equipment:			Sign painters	1.925	2.000					
Hoists (double drum)	2.725	2.850	Steam fitters	2.500	2.613	Bricklayers	2.340	2.440		
Trenching machines and hoists (single drum)	2.470	2.590	Stonemasons	3.000	3.125	Bricklayers	2.500	2.625		
Light equipment:			Structural-iron workers	2.338	2.500	Building laborers	2.340	2.440		
Compressors and pumps	2.310	2.420	Tile layers	2.500	2.500	Elevator constructors' helpers	2.338	2.440		
Bulldozers	2.100	2.200								
Glaziers	2.350	2.400								
Lathers	3.000	3.300								
Machinists	2.500	2.500								
Marble setters	3.150	3.300								
Mosaic and terrazzo workers	3.000	3.125								
Painters	2.520	2.670								
Bridge, structural steel and spray	2.850	3.000								
Spray	2.520	2.670								
Paperhangars	2.520	2.670								
Plasterers	3.000	3.300								
Plumbers	2.750	2.900								
Rodmen	2.500	2.750	Boilermakers	2.600	2.750	Asbestos workers	2.090	2.090		
Roofers, composition	2.150	2.200	Bricklayers	2.700	2.850	Boilermakers	2.340	2.340		
Roofers, slate and tile	2.500	2.600	Carpenters	2.200	2.380	Bricklayers	2.500	2.625		
Sheet-metal workers	2.750	2.875	Cement finishers	2.700	2.850	Carpenters	1.875	2.075		
Sign painters	2.250	2.250	Electricians (inside wiremen)	2.420	2.700	Millwrights	2.125	2.325		
WORCESTER, MASS.			Plasterers' laborers	1.500	1.775	Cement finishers	2.200	2.570		
Journeymen			Mortar mixers	1.500	1.775	Electricians (inside wiremen)	2.150	2.500		
Helpers and laborers			Tile layers' helpers	1.500	1.775	Engineers - Power equipment operators:				
YORK, PA.										
Journeymen										
Asbestos workers										
Boilermakers										
Bricklayers										
Carpenters										
Electricians										
Engineers - Power equipment operators:										
Building construction:										
Heavy equipment:										
Cranes (all types), derricks, power shovels										
Medium equipment:										
Tournapulls and carry-alls										
Bulldozers and tractors										
Light equipment:										
Welding machines										
Compressors and pumps										

TABLE 14.—Union scales of wages and hours for building trades in 77 cities, July 1, 1951, and July 1, 1952 - Continued

Trade or occupation	Rate per hour		Trade or occupation	Rate per hour		Trade or occupation	Rate per hour	
	July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952		July 1, 1951	July 1, 1952
YORK, PA. - Continued			YORK, PA. - Continued			YOUNGSTOWN, OHIO - Continued		
<u>Journeymen</u> - Continued			<u>Helpers and laborers</u> - Continued			<u>Journeymen</u> - Continued		
Engineers - Power equipment operators: - Continued			Plasterers' laborers	\$1.550	\$1.775	Glaziers	\$2.475	\$2.598
Heavy construction:			Plumbers' laborers	1.375	1.600	Lathers (wood, wire and metal)	2.750	2.930
Heavy equipment:			Terrazzo workers' helpers ...	1.450	1.600	Marble setters	2.500	2.625
Cranes (all types), cableways, power shovels	\$2.800	\$3.200	Tile layers' helpers	1.450	1.600	Mosaic and terrazzo workers	2.500	2.625
Medium equipment:			YOUNGSTOWN, OHIO			Painters	2.375	2.550
Tournapulls and carry-alls	2.425	2.825	<u>Journeymen</u>			Structural-iron	2.625	2.800
Bulldozers and tractors	2.175	2.575	Asbestos workers	2.625	2.810	Spray	2.680	2.855
Light equipment:			Bricklayers	2.375	3.125	Swing, scaffold	2.500	2.675
Welding machines	2.350	2.750	Carpenters	2.500	2.750	Paperhangers	2.375	2.550
Compressors and pumps	2.225	2.625	Millwrights, pile drivers ..	2.825	2.825	Plasterers	2.750	2.930
Machinists	2.340	2.480	Parquetry floor layers	2.500	2.750	Plumbers	2.675	2.860
Marble setters	2.250	2.500	Cement finishers	2.500	2.685	Rodmen	2.725	2.910
Mosaic and terrazzo workers	2.250	2.500	Electricians (inside wiremen)	2.675	2.920	Roofers, composition	2.500	2.685
Painters	1.595	1.850	Elevator constructors	2.700	2.740	Roofers, slate and tile	2.500	2.685
Structural steel and pipe	1.845	2.130	Engineers - Power equipment operators:			Sheet-metal workers	2.500	2.685
Spray	2.095	2.400	Building construction:			Sign painters	2.200	2.200
Paperhangers	1.595	1.850	Heavy equipment:			Steam fitters	2.675	2.860
Plasterers	2.250	2.625	Carry-all scoops, cranes, shovels	2.665	2.850	Stonemasons	2.875	3.125
Plumbers	2.000	2.185	Medium equipment:			Structural-iron workers	2.725	2.910
Roofers, composition	1.400	1.550	Bulldozers	2.475	2.660	Finishers, ornamental	2.725	2.910
Roofers, slate and tile	1.770	1.950	Compressors	2.265	2.450	Electric welders	2.725	2.910
Sheet-metal workers	2.200	2.375	Hoists	2.665	2.850	Sheeters	2.975	3.160
Sign painters	1.650	1.750	Light equipment:			Sheeters' bucker-up	2.850	3.035
Steam fitters	2.000	2.185	Pumps, rollers, welders	2.265	2.450	Tile layers	2.500	2.625
Stonemasons	2.500	2.625	Heavy construction:			<u>Helpers and laborers</u>		
Tile layers	2.375	2.500	Heavy equipment:			Bricklayers' tenders	1.875	2.060
<u>Helpers and laborers</u>			Cranes, ditchers, shovels	2.665	2.850	Building laborers	1.775	1.960
Bricklayers' tenders	1.550	1.775	Medium equipment:			Elevator constructors' helpers	1.890	1.920
Building laborers	1.250	1.475	Bulldozers	2.475	2.660	Marble setters' helpers	1.850	2.060
Composition roofers' helpers	1.140	1.140	Graders	2.265	2.450	Plasterers' laborers	1.975	2.160
Marble setters' helpers	1.450	1.600	Scoops (carry-all)	2.665	2.850	Plumbers' laborers	1.875	2.060

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