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# Union Wages and Hours: Building Trades

July 1, 1957

and

Trend 1907-57

Bulletin No. 1227

**UNITED STATES DEPARTMENT OF LABOR**  
James P. Mitchell, Secretary

BUREAU OF LABOR STATISTICS  
Ewan Clague, Commissioner

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## Preface

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

Information on the union scales and hours prevailing in each city is available in August of each year upon request to the Bureau's regional offices. A nationwide summary report of these rates in the building construction trades was issued in November 1957. This bulletin provides additional data and indexes of the trend of wages and hours for the period 1907-57. It was prepared by John F. Laciskey of the Bureau's Division of Wages and Industrial Relations.

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## Union Wages and Hours in the Building Trades, July 1, 1957

### Summary

Wage scales continued upward between July 1, 1956, and July 1, 1957, to a new high for union building-trades workers in cities with populations of 100,000 or more. Construction activity during this period was maintained at relatively high levels. Union hourly rates advanced an average of 16 cents, or 5.2 percent, in the 1-year period according to the 51st annual survey of union scales in the building trades by the U. S. Department of Labor's Bureau of Labor Statistics. Most of the 33 trades surveyed showed advances of 14 to 18 cents during the 12 months ending July 1, 1957.

Increased scales resulting from labor-management negotiations affected 96 percent of the union workers in the building trades included in the study. The advances typically varied from 10 to 20 cents an hour; for a seventh of the workers, however, scales advanced 25 cents or more.

As a result of these extensive rate revisions, union hourly scales on July 1, 1957, averaged \$3.20 for all building-trades workers studied, \$3.39 for journeymen, and \$2.45 for helpers and laborers. Negotiated rates of \$3.10 to \$3.60 an hour were in effect for 56 of every 100 journeymen, and of \$2.20 to \$2.70 for a like group of helpers and laborers.

Straight-time weekly work schedules for all building-trades workers averaged 39.4 hours, unchanged from the previous year. The most common schedule, 40 hours, applied to seven-eighths of the workers.

Health and insurance program provisions were contained in labor-management contracts applicable to two-thirds of the surveyed workers. Pension plans developed through collective bargaining were reported for about three-tenths of the building-trades workers.

### Scope and Method of Study

Union scales are the minimum wage scales (excluding holiday and vacation payments made directly to the worker each pay period) 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.

The information presented in this report was based on union scales in effect on July 1, 1957, and covered approximately 665,000 journeymen and 165,000 helpers and laborers in 52 cities with populations of 100,000 or more. Data were obtained primarily from local union officials by mail questionnaire; in some instances, Bureau representatives visited local union officials to obtain the desired information.

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

Average hourly scales, designed to show current levels, are based on all scales reported in effect on July 1, 1957. Individual scales are weighted by number of union members having each rate. These averages are not designed for precise year-to-year comparisons because of fluctuations in membership and in job classifications studied. Average cents-per-hour and percent changes from July 1, 1956, to July 1, 1957, are based on comparable quotations for the various occupational classifications in both periods weighted by the membership reported for the current survey. The index series, designed for trend purposes, is similarly constructed.

### Trend and Scale Changes, 1956-57

The 5.2 percent rise in union wage rates for building-trades workers in the 12 months ending July 1, 1957, advanced the Bureau's index (1947-49 = 100) of union hourly rates to 155.3 (table 1.). The rate of advance during the year exceeded the gain registered in each of the 3 preceding 12-month periods and equaled the rate of increase for the year ending July 1, 1953. Reflected in the increase were advances of 5.0 percent for journeymen and 5.9 percent for helpers and laborers (table 3).

Among the 24 individual journeymen trades studied, the rate of increase varied from 2.9 percent for stonemasons to 6.3 percent for paperhangers. Half of the crafts showed gains ranging from 4.5 to 5.5 percent. In the group of 9 helper and laborer classifications studied, composition roofers' helpers showed the greatest rate of gain (7.0 percent) and elevator constructors' helpers the smallest (4.0 percent). (See table 3.)

Scale changes in the building industry result primarily from negotiations between labor and management representatives. Many of the contracts currently in effect were negotiated for 2 years—a few were for longer periods. The multiyear contracts frequently provide for increases at stated intervals. Although provisions of individual contracts may become effective at various times throughout the year, many contracts are negotiated in the spring and early summer months. Only those scale changes that actually became effective during the 12 months ending July 1, 1957, were included in the current survey.



Some of the rate revisions were provided for in contracts negotiated prior to July 1, 1956. A number of current agreements also provide for scale increases scheduled to become effective after July 1, 1957. Such deferred adjustments were excluded from the survey. Thus, the scale changes presented in this report do not reflect the total wage advances negotiated in individual contracts during the survey year.

Between July 1, 1956, and July 1, 1957, union building-trades workers in cities of 100,000 or more population advanced their wage scales—an average of 16 cents an hour, to record their greatest yearly gain since 1948. The gain during the year was 3 cents more than in the preceding 12-month period and 6 cents more than in each of the years ending on July 1 of 1954 and 1955. Average scales for journeymen rose 16 cents during the year while those for helpers and laborers increased 14 cents (table 3).

Regionally, average scale advances for journeymen were generally uniform. They ranged from 12½ to 16 cents in all regions except the Middle Atlantic and Mountain States. In these regions, average scales rose 21 and 19 cents, respectively. The advances represented gains of 5.9 percent in the Middle Atlantic, 6.4 percent in the Mountain States, and from 4.3 to 5.1 percent in the other regions. Among helpers and laborers, the greatest gain (16.5 cents or 7.0 percent) was in the Pacific region. In all other regions the increase ranged from 8 to 15 cents; percentagewise, the gain varied from 4.8 to 5.9 except in the Southeast region where it was 6.8 percent (table 6).

Average scale increases for the individual journeymen trades studied varied from 10 cents for stonemasons to 20 cents for boiler-makers. Plumbers and marble setters advanced their average scale 19 cents during the year. Gains of 14 to 18 cents, inclusive, were registered by 18 of the 24 crafts (table 3).

Among the nine helper and laborer classifications included in the study, average scale advances ranged from 10 cents for elevator constructors' helpers to 16 cents for terrazzo workers' helpers. Four of the classifications advanced their average rate 13 cents. The numerically important group of building laborers advanced their average 14 cents.

Percentagewise, the increase amounted to 5.0 percent for all journeymen combined and varied from 2.9 to 6.3 percent for the individual crafts. The higher paid trades generally registered the lower rate of advance. All the trades having an average hourly rate of less than \$3.35 on July 1, 1957, showed a gain of at least 5 percent. Hourly scales rose 5.9 percent for all helpers and laborers as a group and from 4.0 to 7.0 for the various classifications. Six of the 9 groups showed gains of more than 5 percent.

Wage rates were raised during the 12 months ending July 1, 1957, for 96 percent of the unionized journeymen building-trades workers and for a like proportion of the helpers and laborers. At least nine-tenths of the workers in 24 of the 33 trades studied had their

hourly scale adjusted upward during the year. The increases ranged from 10 to 20 cents for nearly three-fifths of the workers (table 5). The most frequent increase was 15 cents; almost a fifth of the journeymen and a fourth of the helpers and laborers had such raises. Advances of 10 cents affected an eighth of the journeymen and slightly more than a sixth of the helpers and laborers. Raises of 20 cents or more were applicable to a greater proportion of journeymen (34 percent) than of helpers and laborers (18 percent); on the other hand, those of less than 10 cents were more common for helpers and laborers than for journeymen, 12 percent, compared with 8 percent.

Although the amount of increase in terms of cents-per-hour was greater for journeymen than for helpers and laborers, the rate of increase was usually higher for helpers and laborers. Advances represented a gain of 4 to 6 percent for 38 of every 100 journeymen and for 25 of every 100 helpers and laborers. These proportions were reversed for gains of 6 to 8 percent. An eighth of the journeymen and a fourth of the helpers and laborers showed an improvement of 8 to 10 percent in their scale (table 4).

#### Hourly Wage Scales

Union hourly rates in effect on July 1, 1957, for journeymen building-trades workers showed wide variation. They ranged from \$1.75 for glaziers, painters, and paperhangers in Charlotte to \$4.46 for boilermakers in Newark and \$4.50 for crane and derrick operators on steel erection in New York City. Scales of \$3.10 to \$3.60 an hour were stipulated in labor-management contracts for 55 percent of the journeymen included in the study. Scales of \$3.60 to \$4 affected 22 percent, twice the proportion of those having rates of less than \$3 an hour. Almost 5 percent of the journeymen had hourly pay scales of \$4 or more. Such scales were negotiated for at least a seventh of the bricklayers, plasterers, and plumbers, and for some workers (generally 8 to 10 percent) in 12 other crafts. Rates of less than \$2.50 an hour were in effect for small groups of workers in 7 crafts; composition roofers was the only trade in which the proportion exceeded 7 percent (table 7).

For all journeymen crafts combined, the average scale was \$3.39 an hour. All 24 of the individual trades studied had rates averaging in excess of \$3 an hour. Bricklayers were the highest paid craft with an average hourly scale of \$3.76; plasterers and stonemasons followed with average rates of \$3.63 and \$3.62, respectively. The lowest average (\$3.09) was recorded for glaziers. Painters, roofers, and paperhangers were the only other crafts to average less than \$3.25 an hour.

Individual rates for helpers and laborers varied from \$1.20 for building laborers in Jacksonville to \$3.688 for plasterers' laborers in Los Angeles. Hourly scales of \$2.10 to \$2.60 prevailed for a majority (53 percent) of the helpers and laborers and those of \$2.60 to \$3 affected 20 percent. The proportion of helpers and laborers with scales of \$3 or more was only slightly smaller than the proportion of those with rates of less than \$2 an hour—11.9 percent compared with 12.6 percent.



Union scales on July 1, 1957, averaged \$2.45 for all helpers and laborers as a group and, by trade classification, from \$2.02 for composition roofers' helpers to \$2.76 for terrazzo workers' helpers. All other classifications averaged in excess of \$2.50 an hour except building laborers, the largest group numerically, which had scales averaging \$2.37.

#### City and Regional Variations

In the building industry, scale negotiations are generally conducted on a locality basis. Among the factors affecting the pay scales of building-trades workers are the variations in local building activity, the demand for skilled construction workers, the extent of unionization and the general level of wages in individual localities. These factors are reflected in the relatively wide variations in scales negotiated for individual crafts within a locality as well as in the differences in scales among cities and regions. The variations in negotiated rates among individual trades can be illustrated by the wage scales for plasterers. The scales for this craft on July 1, 1957, ranged from \$2.50 in Charlotte, N. C., to \$4.25 in Newark, N. J. The range of rates among the 24 journeymen trades in 6 typical cities is shown in the following tabulation:

	<u>Difference in</u>			
	<u>Scale range</u>		<u>Cents per hour</u>	<u>Percent</u>
Atlanta -----	\$2.00	\$3.35	135	68
Boston -----	2.77 $\frac{1}{2}$	- 4.35	157 $\frac{1}{2}$	57
Chicago -----	3.40	- 4.07 $\frac{1}{2}$	67 $\frac{1}{2}$	20
Dallas -----	2.50	- 3.77 $\frac{1}{2}$	127 $\frac{1}{2}$	51
New York City -----	3.00	- 4.30	130	43
San Francisco-Oakland ---	3.05	- 4.03 $\frac{4}{10}$	98 $\frac{4}{10}$	32

The difference between the lowest and highest scales for the nine helper and laborer classifications was smaller than for the journeymen in each of the above cities. The difference ranged from 41 cents in Boston to \$1 in San Francisco-Oakland.

City and regional averages presented in this survey are designed to show current levels of rates. They do not measure differences in union scales of the various crafts among areas. As indicated previously, scales for individual crafts differ from one city to another. The city and regional averages are influenced not only by the differences in rates among cities and regions, but also by differences in the proportion of organized workers in the various crafts. For example, a particular craft or classification may not be organized in some areas or may be organized less intensively in some areas than in others. In addition, certain types of work are found in some areas but not in others or are found to a greater extent in some areas than in others. These differences are reflected in the weighting of individual rates by the number of union members at the rate. Thus, even though

rates for all individual crafts in two areas are identical, the average for all crafts combined in each of the areas may differ.

On a city basis, average hourly wage scales for construction trades workers showed a wide variation among the 52 cities surveyed. Scales averaged highest in Newark, N. J., and lowest in Charlotte, N. C., both for journeymen and for helpers and laborers. The respective hourly averages for these groups of workers were \$3.96 and \$3.17 in Newark and \$2.76 and \$1.28 in Charlotte. Journeymen scales averaged \$3 or more an hour in all but 6 of the 52 cities surveyed. Averages ranged from \$3 to \$3.25 in 19 cities and from \$3.25 to \$3.50 in 20 cities. Newark and New York City were the only cities to have scales averaging in excess of \$3.75 an hour. For all helpers and laborers combined, 3 of every 4 cities studied had scale levels of \$2 or more. Half of the 30 cities with a level upward of \$2.25 an hour had scales averaging at least \$2.50 (table 8).

A grouping of the cities by population size shows average hourly scales for building-trades workers differed for the various size population groups. Scales for journeymen and for helpers and laborers averaged highest in the group of cities with a million or more population and lowest in the 100,000 to 250,000 population group, the smallest size studied. The respective average hourly scales were \$3.59 and \$3.15 for journeymen and \$2.73 and \$2.26 for helpers and laborers. The spread between the average rates for journeymen and for helpers and laborers was smallest (86 cents) for the cities with a million or more population, and greatest (\$1.01) for the group of cities with a population of 250,000 to 500,000.

Average hourly scales for both classifications of workers showed considerable variation among the cities within each population size grouping. The range of average scales was wider for helpers and laborers than for journeymen in each of the city-size groups. The difference between the highest and lowest city averages was greatest in cities having populations of 250,000 to 500,000—\$1 for journeymen and \$1.67 for helpers and laborers. In the other size groups, the spread for helpers and laborers was about double that for journeymen. There was an overlapping of average scales among cities in different size groups for both classifications of workers. For example, the average scale for helpers and laborers in Toledo, while second highest to Newark in the 250,000 to 500,000 group, was higher than the average for all but 1 city in the next larger size group and for all but New York City and Chicago in the million or more group.

Union hourly scales for building construction-trades workers in cities of 100,000 or more population on a regional basis averaged highest in the heavily populated and industrialized Middle Atlantic and Great Lakes regions, \$3.50 and \$3.29, respectively, and lowest in the Southeast and Southwest regions where the respective levels were \$2.70 and \$2.88. In the other regions, levels varied from \$2.92 to \$3.16 (table 9).

Average hourly rates for journeymen ranged from \$2.97 in the Southeast to \$3.72 in the Middle Atlantic States. With the exception of painters and paperhangers, all journeymen trades in the Middle Atlantic region averaged in excess of \$3.40 an hour; in the Southeast region, only three trades—bricklayers, stonemasons, and marble setters—had such levels. Hourly scales averaged \$3 or more for each journeyman craft in the Great Lakes, Middle West, and Pacific regions. The only regions in which more than three trades had averages of less than \$3 an hour were the Southeast and Southwest.

The highest (\$2.71) and the lowest (\$1.65) levels for helpers and laborers were in the Middle Atlantic and Southeast regions, respectively. Scales averaged in excess of \$2.50 an hour for 8 of the 9 helper and laborer classifications in the Middle Atlantic region and for 7 of those in the Great Lakes region. Elevator constructors' helpers was the only classification with average rates exceeding \$2 an hour in the two southern regions. Plasterers' laborers in the Pacific region and terrazzo workers' helpers in the Middle Atlantic States were the only groups of workers with scales averaging more than \$3 an hour. The respective levels were \$3.38 and \$3.04.

#### Standard Workweek

Straight-time weekly hours remained virtually unchanged during the 12 months ending July 1, 1957. Changes that occurred had no effect on the average straight-time workweek which has remained at 39.4 hours for all building-trades workers for the past 5 years.

The predominant standard workweek consisted of 40 hours. This schedule prevailed for 87 percent of the journeymen and for 91 percent of the helpers and laborers. Labor-management contracts specifying a 35-hour workweek were applicable to 1 of every 8 journeymen and to 1 of every 13 helpers and laborers. Such work schedules affected a fifth of the bricklayers and a fourth or more of the painters and bricklayers' tenders. Negotiated straight-time workweeks of 30 hours were reported for approximately a fifth of the plasterers and a tenth of the plasterers' laborers (table 12).

#### Insurance and Pension Plans

Health, insurance, and pension plans incorporated in labor-management contracts covering building-trades workers have increased in recent years. The development of such plans on a widespread basis has perhaps been less rapid than in industries where problems of seasonal operations and casual employment are not as extensive. Also, most construction-trades unions have operated their own programs providing their members with one or more types of benefits such as death, old-age, sickness, or disability. The development of negotiated insurance and pension programs undoubtedly has been affected by these factors.

A substantially greater proportion of the organized construction-trades workers were included in negotiated health and insurance plans than in pension programs. During the 12 months ending July 1, 1957, the proportion of workers covered by each type plan increased slightly.<sup>1</sup> On July 1, 1957, slightly more than two-thirds of the building-trades workers were covered by labor-management contracts providing for health or insurance plans, and approximately three-tenths were covered by pension plan provisions.

Of the workers provided health and insurance protection, more than 95 percent were covered by programs financed entirely by employer contributions. Such programs were incorporated in contracts applicable to a majority of the union members in many crafts. Included among these trades were asbestos workers, boilermakers, lathers, painters, pipefitters, plumbers, rodmen, sheet-metal workers, and structural-iron workers.

Pension programs financed by employers affected about nine-tenths of the workers covered by negotiated agreements providing for such plans. Pension plan provisions occurred more frequently in contracts covering electricians than in those for any other trade. Bricklayers, carpenters, cement finishers, lathers, pipefitters, plasterers, plumbers, sheet-metal workers, structural-iron workers, tile layers, and bricklayers' tenders were also among the trades in which substantial proportions of workers were covered by pension programs.

#### Union Scales by City and Trade

Union scales of wages and hours in effect on July 1, 1956, and July 1, 1957, together with the amount of employer contribution to health, insurance, and pension plans on July 1, 1957, for the individual trades in each of the 52 cities included in the study are presented in table 13.

<sup>1</sup> The prevalence of negotiated health, insurance, and pension programs for construction workers was first studied in July 1954. Information for these plans was restricted to those financed entirely or in part by the employer. Plans financed by workers through union dues or assessments were excluded from the study. No attempt was made to secure information on the kind and extent of benefits provided or on the cost of plans providing such benefits. In the current study, however, information was obtained on the amount of employer contribution in terms of cents-per-hour or percent of rate. Such information is presented in table 13. Although some employer payments are calculated on the basis of total hours or gross payroll, these variations in method of computation are not indicated in the tabulation.

TABLE 1.—Indexes of union hourly wage rates in the building trades, 1907-57

(1947-49 = 100)			
Date	All trades	Journeyman	Helpers and laborers
1907: May 15	18.2	19.0	14.5
1908: May 15	19.4	20.2	15.2
1909: May 15	20.4	21.2	15.7
1910: May 15	21.2	22.1	16.2
1911: May 15	21.5	22.5	16.3
1912: May 15	22.0	23.0	16.4
1913: May 15	22.5	23.5	16.9
1914: May 15	23.0	24.1	17.1
1915: May 15	23.2	24.3	17.2
1916: May 15	23.9	25.1	17.8
1917: May 15	25.4	26.5	19.6
1918: May 15	28.2	29.3	22.7
1919: May 15	32.3	33.4	26.2
1920: May 15	43.6	44.7	38.1
1921: May 15	44.4	45.6	38.4
1922: May 15	41.7	42.9	35.0
1923: May 15	46.0	47.4	37.1
1924: May 15	49.7	51.1	40.1
1925: May 15	51.6	53.0	41.5
1926: May 15	55.0	56.6	45.2
1927: May 15	56.9	58.5	46.0
1928: May 15	57.2	59.0	46.5
1929: May 15	58.0	59.7	47.3
1930: May 15	60.4	62.2	49.7
1931: May 15	60.6	62.4	49.4
1932: May 15	51.8	53.4	42.2
1933: May 15	50.3	51.9	40.3
1934: May 15	50.7	52.2	41.5
1935: May 15	51.3	52.8	41.7
1936: May 15	53.1	54.6	44.1
1937: May 15	56.8	58.3	48.0
1938: June 1	61.8	63.4	52.8
1939: June 1	62.3	63.8	53.2
1940: June 1	63.3	64.7	54.3
1941: June 1	65.6	67.0	56.9
1942: July 1	69.7	70.8	62.5
1943: July 1	70.2	71.2	63.3
1944: July 1	70.8	71.7	64.0
1945: July 1	72.2	73.0	67.0
1946: July 1	80.5	80.9	77.9
1947: July 1	92.1	92.3	91.1
1948: July 1	101.8	101.7	102.6
1949: July 1	106.1	106.0	106.4
1950: July 1	110.7	110.5	112.2
1951: July 1	117.8	117.4	119.9
1952: July 1	125.1	124.6	127.7
1953: July 1	131.6	130.7	136.5
1954: July 1	136.4	135.4	142.4
1955: July 1	141.2	140.0	148.5
1956: July 1	147.7	146.2	157.4
1957: July 1	155.3	153.6	166.6

TABLE 2.—Indexes of union hourly wage rates in each building trade, 1907-57

Date	(1947-49 = 100)															
	Asbestos workers	Boiler-makers	Brick-layers	Car-penters	Cement finishers	Electricians (inside wiremen)	Elevator constructors	Glaziers	Lathers	Machinists	Marble setters	Mosaic and terrazzo workers	Painters	Paper-hangers	Pipe-fitters	
1907: May 15	-	-	23.3	18.5	22.0	18.1	-	-	-	-	24.6	-	17.1	-	19.9	
1908: May 15	-	-	23.9	19.7	21.9	19.7	-	-	-	-	24.8	-	19.0	-	20.1	
1909: May 15	-	-	24.4	20.7	22.5	20.4	-	-	-	-	25.0	-	20.3	-	22.9	
1910: May 15	-	-	24.9	21.7	22.8	21.0	-	-	-	-	25.3	-	21.6	-	21.2	
1911: May 15	-	-	24.9	22.0	23.7	21.2	-	-	-	-	25.6	-	22.0	-	21.9	
1912: May 15	-	-	25.2	22.5	23.7	21.4	-	-	21.7	-	25.6	-	22.2	-	22.3	
1913: May 15	-	-	25.7	22.8	24.2	21.9	-	-	22.3	-	27.3	-	23.2	-	23.1	
1914: May 15	-	-	26.3	23.2	24.4	22.6	25.7	-	22.6	-	27.6	-	24.0	-	23.6	
1915: May 15	-	-	26.4	23.5	24.7	23.0	25.8	-	23.0	-	27.9	-	24.1	-	24.1	
1916: May 15	23.6	-	26.6	24.2	24.9	23.5	26.5	-	23.6	-	28.0	22.1	26.3	-	24.5	
1917: May 15	24.8	-	27.5	26.3	26.4	25.1	28.4	-	24.5	-	28.0	23.3	27.1	-	25.5	
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	-	27.8	
1919: May 15	33.8	-	32.9	33.6	32.2	31.9	35.1	28.4	29.5	-	32.8	27.1	35.0	-	31.3	
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	-	41.3	
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	-	41.8	
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	-	40.8	
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	-	42.9	
1924: May 15	48.0	-	51.9	50.1	51.4	47.6	53.0	46.9	47.7	-	51.0	47.8	53.1	-	49.2	
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	-	51.7	
1926: May 15	53.4	-	58.2	54.9	55.1	52.8	58.2	52.9	53.4	-	58.2	51.4	59.4	-	56.0	
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	-	57.6	
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	-	58.5	
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	-	58.8	
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	-	61.7	
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	-	62.0	
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	-	53.4	
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	-	51.9	
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	-	52.5	
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	-	53.3	
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	-	55.1	
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	58.1	
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	65.5	
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	66.0	
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	66.2	
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	72.1	
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	72.5	
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	72.9	
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	75.4	
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	82.2	
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	91.8	
1948: July 1	100.7	101.8	102.5	102.2	102.6	100.0	100.8	101.9	101.5	101.3	102.2	102.4	100.9	100.0	101.8	
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	106.4	
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	111.0	
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	117.8	
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	124.8	
1953: July 1	134.4	133.7	130.0	131.1	129.8	132.0	131.5	130.4	130.8	130.6	130.1	128.0	130.5	131.7	130.6	
1954: July 1	140.7	139.4	134.2	135.3	133.6	135.9	136.7	134.2	134.2	136.0	134.3	133.3	134.5	136.1	137.6	
1955: July 1	145.1	143.4	137.8	140.3	138.8	139.0	141.5	140.2	137.7	142.3	137.4	137.2	139.9	141.7	140.9	
1956: July 1	150.8	149.6	144.0	146.2	145.5	146.6	147.0	147.5	143.6	147.7	144.0	144.3	145.5	147.2	147.4	
1957: July 1	157.4	158.6	149.6	153.9	152.8	153.9	153.1	155.1	149.6	153.2	152.4	151.2	153.2	156.5	155.2	

TABLE 2.—Indexes of union hourly wage rates in each building trade, 1907-57 - Continued

		(1947-49= 100)													
Date	Plas- terers	Plumb- ers	Rodmen	Roofers, compo- sition	Roofers, slate and tile	Sheet- metal workers	Stone- masons	Structural- iron workers <sup>1</sup>	Tile layers	Bricklay- ers' tend- ers	Building laborers	Composi- tion roofers' helpers	Plaster- ers' laborers	Plumb- ers' laborers	Tile layers' helpers
1907: May 15	24.9	21.5	-	-	-	19.1	20.9	18.8	-	16.8	15.7	-	18.5	-	-
1908: May 15	24.8	21.8	-	-	-	19.5	21.2	20.5	-	16.8	15.8	-	19.3	-	-
1909: May 15	25.0	22.1	-	-	-	19.6	21.3	21.9	-	16.8	16.0	-	19.5	-	-
1910: May 15	25.3	22.3	-	-	-	20.2	21.5	23.4	-	17.1	16.5	-	19.6	-	-
1911: May 15	25.4	23.6	-	-	-	20.8	21.7	23.9	-	17.3	16.6	-	19.6	-	-
1912: May 15	26.0	23.7	-	-	-	21.3	21.9	24.3	24.5	17.4	16.7	-	19.9	-	18.2
1913: May 15	26.2	24.5	-	-	-	22.2	22.6	25.1	25.8	17.6	17.5	-	20.4	-	18.5
1914: May 15	26.3	24.8	-	18.7	22.9	23.0	23.3	25.6	25.9	17.8	17.6	-	20.8	-	18.7
1915: May 15	26.4	25.0	-	19.3	23.8	23.3	23.6	25.6	26.0	18.0	17.7	-	20.8	-	19.3
1916: May 15	27.4	25.2	-	19.4	24.5	23.7	23.9	26.0	26.4	18.5	18.5	-	21.4	-	20.0
1917: May 15	28.2	26.1	-	20.5	26.1	24.8	24.8	27.5	27.7	20.6	20.5	-	22.8	-	20.5
1918: May 15	29.7	28.8	-	23.2	28.6	29.0	27.2	31.5	28.5	24.0	24.0	-	26.3	-	21.2
1919: May 15	34.2	32.6	-	25.8	32.6	32.0	30.5	35.5	31.1	28.1	27.2	-	30.0	-	25.7
1920: May 15	44.7	42.2	-	36.7	42.1	42.9	42.5	45.0	41.8	40.9	39.4	-	43.5	-	42.0
1921: May 15	47.2	44.1	-	38.4	45.8	44.5	43.6	45.8	41.5	41.1	39.7	-	44.9	-	42.4
1922: May 15	45.3	41.0	-	36.8	43.8	41.2	40.6	41.6	40.8	34.1	37.3	-	39.4	-	39.9
1923: May 15	50.5	45.3	-	37.2	48.9	44.4	48.0	44.4	44.6	37.2	38.0	-	43.4	-	40.8
1924: May 15	56.5	49.3	-	43.1	54.1	48.8	50.9	50.2	50.6	38.9	42.3	-	46.7	-	44.4
1925: May 15	57.5	50.4	-	44.5	56.6	50.4	51.8	50.8	51.8	43.4	40.4	-	49.8	-	45.6
1926: May 15	61.7	54.3	-	48.3	58.5	53.8	57.1	54.6	54.3	47.4	44.4	-	52.7	-	49.5
1927: May 15	63.0	55.4	-	49.7	61.2	55.5	57.9	58.4	56.9	48.5	44.6	-	53.2	-	50.0
1928: May 15	63.2	56.5	-	50.8	61.4	54.4	58.6	58.6	56.8	48.5	44.8	-	54.1	-	51.1
1929: May 15	62.4	57.0	-	51.8	62.0	56.5	60.2	59.0	57.4	50.6	45.0	-	54.3	-	50.3
1930: May 15	65.5	59.2	-	54.9	64.0	49.1	61.1	62.3	60.0	52.6	47.5	-	57.5	-	54.6
1931: May 15	65.4	59.9	-	55.3	64.2	60.0	61.4	62.9	60.7	52.4	46.8	-	57.3	-	54.6
1932: May 15	54.3	52.1	-	48.3	55.7	52.0	54.5	54.5	52.3	43.4	40.2	-	47.6	-	48.2
1933: May 15	52.2	51.6	-	47.3	54.4	50.5	50.9	53.9	50.7	42.9	37.9	-	44.8	-	46.0
1934: May 15	52.8	52.1	-	48.2	54.1	50.7	50.8	54.6	50.7	45.7	39.3	-	46.0	-	46.0
1935: May 15	53.4	52.9	-	49.5	55.5	51.1	50.7	55.1	51.1	44.3	39.9	-	46.8	-	47.6
1936: May 15	53.7	54.3	-	49.8	55.9	52.1	51.3	56.5	52.1	46.6	43.3	-	47.7	-	48.3
1937: May 15	59.2	57.2	58.2	53.7	60.1	55.9	56.6	61.7	55.8	50.2	47.4	54.5	52.0	-	50.9
1938: June 1	66.2	64.1	63.9	59.5	64.1	61.5	61.5	66.6	61.1	55.2	50.8	57.9	58.7	54.1	56.1
1939: June 1	66.8	64.7	64.5	59.7	64.7	62.4	61.6	67.3	61.2	55.4	51.1	58.1	59.2	55.6	56.3
1940: June 1	67.1	65.7	65.3	61.1	65.8	63.5	61.3	67.6	61.3	57.5	51.9	60.2	59.3	58.2	56.4
1941: June 1	68.2	68.6	68.6	63.6	67.3	66.5	62.9	70.8	62.2	59.4	55.0	62.4	60.6	61.4	57.7
1942: July 1	70.1	71.5	71.6	69.3	73.2	72.4	66.6	73.2	65.2	64.1	61.1	69.0	65.1	65.8	61.6
1943: July 1	70.2	71.7	72.0	69.6	73.8	72.6	66.8	73.5	66.2	64.5	62.0	69.4	65.6	66.2	62.3
1944: July 1	70.7	72.1	72.3	70.0	74.2	73.1	67.2	73.9	66.8	65.0	57.7	71.4	66.0	67.7	62.5
1945: July 1	71.8	73.7	73.8	70.9	75.7	73.9	68.7	75.1	69.0	67.5	66.4	71.4	68.4	69.4	63.4
1946: July 1	79.4	79.7	81.5	79.0	82.3	83.0	78.0	81.7	78.1	78.5	77.8	80.7	77.1	79.1	73.5
1947: July 1	93.0	92.4	91.6	91.8	91.3	91.6	89.4	91.8	91.3	91.7	90.9	89.3	91.1	90.6	90.5
1948: July 1	98.9	102.3	101.9	101.8	101.5	102.6	102.3	102.3	102.1	102.8	102.6	102.5	102.5	101.3	102.5
1949: July 1	108.1	105.3	106.5	106.5	107.2	105.8	108.3	106.0	106.6	105.5	106.5	108.2	106.4	108.1	107.0
1950: July 1	113.0	107.8	110.7	110.9	109.7	111.0	115.3	111.0	109.0	112.7	112.4	113.6	110.1	112.9	110.6
1951: July 1	118.5	114.2	118.1	117.5	118.2	117.4	119.3	118.3	116.6	118.5	120.4	121.7	120.7	120.7	118.1
1952: July 1	125.3	121.0	124.2	123.8	125.0	126.2	127.8	123.8	121.1	126.3	128.6	132.2	128.0	126.3	123.8
1953: July 1	130.1	125.4	131.4	131.3	131.6	132.0	129.9	130.9	128.0	133.0	138.4	138.8	135.2	134.7	130.1
1954: July 1	132.5	132.3	136.1	135.8	136.3	138.2	132.9	135.5	131.6	138.7	144.4	143.0	140.1	141.9	137.0
1955: July 1	136.5	135.5	142.0	141.0	141.1	143.5	136.8	140.6	136.1	144.4	150.9	149.7	145.6	148.0	141.8
1956: July 1	141.7	141.5	148.5	148.2	148.6	150.0	143.0	146.5	141.3	155.8	159.5	158.4	153.5	155.8	148.7
1957: July 1	146.9	149.3	156.7	155.6	156.0	157.1	147.1	154.1	149.0	164.0	169.5	169.5	160.9	164.6	155.2

<sup>1</sup> Included rodmen prior to 1938.

TABLE 3.—Increases in rates in the building trades, July 1, 1956 - July 1, 1957, and average union hourly wage rates, July 1, 1957

Trade	Amount of increase, July 1, 1956- July 1, 1957		Range of rates, July 1, 1956		Average rate per hour July 1, 1957	Trade	Amount of increase, July 1, 1956- July 1, 1957		Range of rates, July 1, 1956		Average rate per hour July 1, 1957
	Percent	Cents per hour	Low	High			Percent	Cents per hour	Low	High	
All building trades	5.2	16	-	-	\$3.20	Journeymen: - Continued					
Journeymen	5.0	16	-	-	3.39	Roofers, composition	5.0	15	\$1.95	\$3.90	\$3.12
Asbestos workers	4.4	14	\$3.00	\$3.95	3.43	Roofers, slate and tile	5.0	15	2.25	4.00	3.21
Boilermakers	6.0	20	3.25	4.46	3.52	Sheet-metal workers	4.7	15	2.70	3.90	3.35
Bricklayers	3.9	14	3.00	4.25	3.76	Stonemasons	2.9	10	3.14	4.40	3.62
Carpenters	5.3	16	2.32	3.90	3.30	Structural-iron workers	5.2	17	2.90	4.40	3.48
Cement finishers	5.0	16	2.20	4.25	3.28	Tile layers	5.4	17	2.65	3.72	3.40
Electricians (inside wiremen)	5.0	17	2.85	4.25	3.50	Helpers and laborers	5.9	14	-	-	2.45
Elevator constructors	4.2	14	3.02	4.00	3.50	Bricklayers' tenders	5.3	13	1.27	3.20	2.61
Glaziers	5.2	15	1.75	3.95	3.09	Building laborers	6.3	14	1.20	3.20	2.37
Lathers	4.2	14	2.50	4.00	3.57	Composition roofers' helpers	7.0	13	1.50	2.50	2.02
Machinists	3.7	12	3.00	4.00	3.42	Elevator constructors' helpers	4.0	10	2.11	3.00	2.51
Marble setters	5.8	19	2.65	3.80	3.47	Marble setters' helpers	5.3	13	1.73	3.38	2.63
Mosaic and terrazzo workers	4.8	16	2.65	3.90	3.44	Plasterers' laborers	4.8	12	1.27	3.69	2.71
Painters	5.3	16	1.75	4.00	3.17	Plumbers' laborers	5.7	13	1.37	3.12	2.52
Paperhangers	6.3	18	1.75	3.47	3.11	Terrazzo workers' helpers	6.2	16	1.73	3.39	2.76
Pipefitters	5.3	18	2.94	4.10	3.53	Tile layers' helpers	4.4	11	1.73	2.95	2.64
Plasterers	3.7	13	2.50	4.25	3.63						
Plumbers	5.5	19	3.00	4.00	3.55						
Rodmen	5.5	18	2.65	4.40	3.35						

TABLE 4.—Percent changes in union wage rates and percent of building-trades workers affected, July 1, 1956 - July 1, 1957

Trade	Percent of union workers affected by—		Percent of total workers affected by increase of—							
	Increase	No change	Less than 3 percent	3 and under 4 percent	4 and under 5 percent	5 and under 6 percent	6 and under 7 percent	7 and under 8 percent	8 and under 10 percent	10 percent and over
All building trades	96.3	3.7	6.5	9.6	16.1	19.4	14.4	13.2	14.8	2.3
Journeymen	96.2	3.8	7.1	10.6	18.2	20.0	13.3	11.9	12.5	2.7
Asbestos workers	94.8	5.2	5.7	30.4	7.9	14.9	26.0	7.4	2.5	-
Boilermakers	98.9	1.1	-	1.3	15.9	61.6	2.1	4.1	-	13.8
Bricklayers	80.8	19.2	5.9	4.1	14.6	26.3	18.5	3.9	6.8	.6
Carpenters	99.8	.2	9.6	14.6	11.4	13.9	12.2	20.0	16.1	1.9
Cement finishers	91.1	8.9	3.0	7.0	8.4	22.1	22.8	9.5	17.3	1.1
Electricians (inside wiremen)	96.5	3.5	2.4	9.0	32.2	28.5	7.9	3.0	10.9	2.6
Elevator constructors	93.8	6.2	16.9	10.7	28.8	18.7	6.6	4.2	2.2	5.6
Glaziers	98.3	1.7	5.4	2.0	25.5	22.7	21.3	15.3	5.2	.9
Lathers	82.6	17.4	5.2	11.2	22.4	12.7	7.0	16.6	3.7	3.9
Machinists	95.3	4.7	33.5	14.0	4.4	24.7	12.2	1.1	4.5	.8
Marble setters	88.3	11.7	6.9	8.9	9.5	6.3	12.5	7.3	27.7	9.2
Mosaic and terrazzo workers	85.8	14.2	6.3	6.3	10.9	26.1	14.6	8.5	9.5	3.6
Painters	99.5	.5	8.6	4.4	25.9	20.3	20.4	4.1	14.0	1.8
Paperhangers	99.0	1.0	4.6	2.1	13.7	22.8	17.7	2.6	32.6	2.9
Pipefitters	97.0	3.0	6.4	8.4	20.6	20.2	14.5	7.0	16.7	3.2
Plasterers	90.0	10.0	5.4	16.7	43.6	7.2	7.2	7.7	2.2	-
Plumbers	98.4	1.6	4.0	9.6	11.6	30.1	8.3	17.9	14.6	2.3
Rodmen	100.0	-	3.2	6.7	22.2	18.7	27.1	14.5	4.2	3.4
Roofers, composition	98.2	1.8	-	16.1	12.3	39.8	10.0	11.1	7.6	1.3
Roofers, slate and tile	92.2	7.8	.2	9.9	7.6	28.8	17.0	18.0	5.8	4.8
Sheet-metal workers	87.9	12.1	6.6	13.4	15.5	17.4	7.9	7.0	14.9	5.1
Stonemasons	60.0	40.0	4.5	3.5	33.7	4.1	5.2	3.8	2.0	3.1
Structural-iron workers	99.9	.1	7.5	7.7	34.7	17.5	14.0	10.2	2.7	5.7
Tile layers	92.8	.7	8.1	21.1	13.5	7.7	8.7	7.8	9.3	16.5

TABLE 4.—Percent changes in union wage rates and percent of building-trades workers affected, July 1, 1956 - July 1, 1957 - Continued

Trade	Percent of union workers affected by—		Percent of total workers affected by increase of—							
	Increase	No change	Less than 3 percent	3 and under 4 percent	4 and under 5 percent	5 and under 6 percent	6 and under 7 percent	7 and under 8 percent	8 and under 10 percent	10 percent and over
Helpers and laborers .....	96.7	3.3	4.5	5.3	7.8	17.0	18.7	18.7	24.0	0.6
Bricklayers' tenders .....	97.7	.2	6.5	5.7	5.6	38.8	15.2	14.9	10.7	.3
Building laborers .....	97.8	2.2	3.9	3.9	7.1	12.8	19.1	21.3	29.5	.3
Composition roofers' helpers .....	100.0	-	-	-	5.0	10.5	25.2	8.2	51.2	-
Elevator constructors' helpers .....	95.4	4.6	17.5	29.7	15.2	14.4	11.0	1.3	1.9	4.6
Marble setters' helpers .....	83.4	16.6	2.4	3.5	13.1	18.8	6.6	20.3	5.8	12.9
Plasterers' laborers .....	87.9	12.1	2.4	11.6	15.0	10.1	20.1	11.8	16.9	.1
Plumbers' laborers .....	99.6	.4	4.2	-	16.7	12.5	46.1	3.6	16.4	.1
Terrazzo workers' helpers .....	95.6	4.4	5.0	1.7	15.2	12.4	9.7	33.0	6.7	12.1
Tile layers' helpers .....	80.5	19.5	6.3	16.8	6.2	9.8	13.0	10.4	14.3	3.6

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

TABLE 5.—Cents-per-hour increases in union wage rates and percent of building-trades workers affected, July 1, 1956 - July 1, 1957

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 cents and over
All building trades .....	96.3	2.2	6.6	23.6	33.1	16.2	11.8	2.9
Journeyman .....	96.2	1.7	6.2	21.8	32.4	16.5	14.1	3.5
Asbestos workers .....	94.8	-	5.7	36.9	17.6	27.0	6.1	1.5
Boilermakers .....	98.9	-	-	8.9	68.2	5.5	2.4	13.8
Bricklayers .....	80.8	1.3	4.6	6.4	23.8	31.3	10.1	3.4
Carpenters .....	99.8	3.6	6.6	23.9	28.2	20.5	15.9	1.1
Cement finishers .....	91.1	1.5	3.2	18.0	27.5	28.4	11.5	1.1
Electricians (inside wiremen) .....	96.5	1.5	1.9	23.4	47.4	5.6	5.0	11.7
Elevator constructors .....	93.8	8.8	12.2	23.9	32.5	9.7	1.2	5.6
Glaziers .....	98.3	4.0	3.4	25.1	35.8	26.4	3.6	-
Lathers .....	82.6	-	6.1	23.2	19.6	12.8	17.1	3.9
Machinists .....	95.3	-	33.5	15.0	31.8	9.6	4.5	.8
Marble setters .....	88.3	3.5	3.4	16.0	12.3	9.4	16.2	27.5
Mosaic and terrazzo workers .....	85.8	3.4	2.9	16.0	18.4	30.5	10.9	3.6
Painters .....	99.5	-	9.3	30.0	28.5	17.4	13.5	.7
Paperhangers .....	99.0	-	5.8	19.7	27.9	15.5	28.1	1.9
Pipefitters .....	97.0	-	6.4	18.1	32.3	8.5	28.6	3.2
Plasterers .....	90.0	1.8	4.0	28.7	39.7	6.7	9.1	-
Plumbers .....	98.4	-	4.0	13.2	40.5	9.4	27.9	3.5
Rodmen .....	100.0	3.2	1.9	47.8	15.0	13.6	13.5	4.9
Roofers, composition .....	98.2	-	1.7	28.6	51.5	8.7	7.7	-
Roofers, slate and tile .....	92.2	-	1.0	18.8	46.4	11.5	10.9	3.6
Sheet-metal workers .....	87.9	-	10.2	13.2	32.5	13.3	14.0	4.7
Stonemasons .....	60.0	.8	3.8	5.5	35.8	4.3	5.3	4.5
Structural-iron workers .....	99.9	-	10.0	27.4	36.0	11.9	6.3	8.4
Tile layers .....	92.8	.5	7.7	34.5	10.4	13.3	10.0	16.5
Helpers and laborers .....	96.7	4.1	7.8	30.6	35.7	15.1	2.7	.6
Bricklayers' tenders .....	97.7	6.5	7.5	26.2	47.4	9.6	.6	-
Building laborers .....	97.8	3.9	6.5	32.5	34.1	17.1	3.6	-
Composition roofers' helpers .....	100.0	-	11.3	45.8	42.9	-	-	-
Elevator constructors' helpers .....	95.4	9.9	28.7	47.2	3.8	4.3	-	1.4
Marble setters' helpers .....	83.4	-	9.0	31.4	18.4	13.1	.8	10.7
Plasterers' laborers .....	87.9	-	14.1	20.6	36.3	9.6	1.0	6.2
Plumbers' laborers .....	99.6	3.1	1.0	41.5	43.7	10.2	-	-
Terrazzo workers' helpers .....	95.6	1.4	8.6	25.0	13.5	35.3	7.1	4.7
Tile layers' helpers .....	80.5	2.8	21.6	15.9	16.7	20.9	1.4	1.2

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



TABLE 6.—Increases in union wage rates in the building trades, by region and city, July 1, 1956 - July 1, 1957

Cities by region	Percent of increase			Cents-per-hour increase			Cities by region	Percent of increase			Cents-per-hour increase		
	All trades	Journey-men	Helpers and laborers	All trades	Journey-men	Helpers and laborers		All trades	Journey-men	Helpers and laborers	All trades	Journey-men	Helpers and laborers
All cities .....	5.2	5.0	5.9	15.7	16.3	13.6	Great Lakes .....	4.8	4.6	5.7	14.9	15.1	14.2
New England .....	5.2	5.1	5.5	14.8	15.8	12.3	Chicago, Ill. ....	5.1	4.8	7.6	16.6	16.2	19.7
Boston, Mass. ....	5.5	5.2	6.6	16.2	16.4	15.4	Cincinnati, Ohio ..	5.6	5.5	6.0	17.3	18.2	14.5
New Haven, Conn. ..	4.6	4.7	4.1	13.3	15.0	9.8	Cleveland, Ohio ..	5.7	5.6	6.2	19.1	19.4	17.6
Providence, R. I. ...	5.7	5.3	7.0	15.1	15.4	14.6	Columbus, Ohio ..	5.5	5.2	6.8	15.7	16.1	14.7
Springfield, Mass. ..	5.3	5.4	4.6	14.6	16.2	9.9	Dayton, Ohio .....	3.4	3.7	1.4	10.3	11.9	3.3
Middle Atlantic .....	5.9	5.9	5.9	19.6	20.8	15.2	Detroit, Mich. ....	2.1	2.2	1.4	6.6	7.1	3.5
Buffalo, N. Y. ....	6.1	6.4	5.1	18.8	20.8	12.9	Grand Rapids, Mich. ....	5.6	5.4	6.8	16.5	16.9	14.6
Erie, Pa. ....	6.2	5.9	8.7	18.8	18.6	19.9	Indianapolis, Ind. ..	4.7	4.7	4.7	14.2	15.5	10.7
Newark, N. J. ....	6.6	6.6	6.6	23.8	24.5	19.6	Milwaukee, Wis. ....	5.1	4.9	5.9	15.0	15.2	14.5
New York, N. Y. ....	5.8	5.8	5.9	20.5	21.2	17.3	Minneapolis-St. Paul, Minn. ....	5.2	4.9	6.5	14.8	14.8	14.9
Philadelphia, Pa. ....	4.9	4.3	6.7	14.7	14.9	14.1	Peoria, Ill. ....	5.3	5.2	5.9	16.4	16.9	15.0
Pittsburgh, Pa. ....	7.2	8.4	3.5	21.8	28.0	8.2	Toledo, Ohio .....	5.9	5.7	6.5	18.4	19.1	16.5
Rochester, N. Y. ....	4.7	4.2	6.0	14.2	13.8	14.9	Middle West .....	4.7	4.7	4.8	14.1	14.8	10.9
Scranton, Pa. ....	6.2	5.8	8.2	17.0	16.9	17.2	Des Moines, Iowa ..	4.7	4.5	5.6	13.5	13.8	12.6
Syracuse, N. Y. ....	5.8	5.5	7.6	17.2	17.1	17.4	Kansas City, Mo. ....	6.2	6.3	4.5	18.0	19.0	10.0
Border States .....	5.0	4.9	5.1	14.0	15.4	9.9	Omaha, Nebr. ....	5.0	4.9	5.1	13.2	14.7	10.3
Baltimore, Md. ....	4.5	4.2	5.4	12.1	13.1	10.1	St. Louis, Mo. ....	3.6	3.4	4.6	11.2	11.2	10.9
Louisville, Ky. ....	6.3	6.4	6.3	17.9	19.8	12.9	Southwest .....	4.3	4.3	4.8	12.0	12.6	8.1
Richmond, Va. ....	5.6	6.2	.2	13.9	16.7	.3	Dallas, Tex. ....	3.8	3.8	4.3	11.0	11.4	7.2
Washington, D. C. ....	4.2	4.0	4.9	12.7	13.5	10.3	Houston, Tex. ....	3.6	3.7	2.7	10.4	11.6	4.9
Southeast .....	5.0	4.7	6.8	12.9	13.5	10.5	Little Rock, Ark. ....	4.3	4.2	10.3	12.0	11.9	14.3
Atlanta, Ga. ....	3.5	2.9	6.8	9.0	8.7	9.9	New Orleans, La. ....	5.3	5.4	4.9	13.6	15.4	7.5
Birmingham, Ala. ....	3.3	3.9	.5	8.3	11.2	.7	Oklahoma City, Okla. ....	6.2	5.8	8.0	16.7	17.2	14.9
Charlotte, N. C. ....	4.7	5.0	0	11.6	13.2	0	San Antonio, Tex. ....	2.2	2.4	.4	6.0	7.0	.5
Jacksonville, Fla. ....	6.1	6.1	4.0	17.0	17.2	5.4	Mountain .....	6.2	6.4	5.5	17.1	19.0	11.4
Knoxville, Tenn. ....	5.5	4.8	9.1	14.1	13.8	14.9	Denver, Colo. ....	5.8	6.0	5.0	16.0	18.4	10.4
Memphis, Tenn. ....	6.0	5.9	7.1	15.5	16.4	10.4	Salt Lake City, Utah .....	6.9	6.9	6.8	18.7	19.7	14.0
							Pacific .....	5.3	5.1	7.0	16.0	15.9	16.5
							Los Angeles, Calif. ....	6.0	5.6	8.1	18.3	18.1	19.5
							Portland, Oreg. ....	3.8	3.7	4.4	10.8	10.9	10.1
							San Francisco-Oakland, Calif. ....	4.9	4.6	6.9	15.2	14.9	16.9
							Seattle, Wash. ....	5.9	5.9	5.8	17.1	17.9	13.9
							Spokane, Wash. ....	4.4	4.1	5.7	12.5	12.3	13.1

TABLE 7.—Distribution of union members in the building trades, by hourly wage rates, July 1, 1957

Trade	Average rate per hour	Percent of union journeymen whose rates (in cents) per hour were—																			
		Under 240	240 and under 250	250 and under 260	260 and under 270	270 and under 280	280 and under 290	290 and under 300	300 and under 310	310 and under 320	320 and under 330	330 and under 340	340 and under 350	350 and under 360	360 and under 370	370 and under 380	380 and under 390	390 and under 400	400 and under 410	410 and under 420	420 and over
Journeymen .....	\$3.39	0.4	0.3	0.4	0.5	1.1	3.5	4.8	6.9	9.0	15.1	9.0	10.9	11.7	6.2	6.5	1.9	7.1	1.7	1.0	1.8
Asbestos workers .....	3.43	-	-	-	-	-	-	-	2.1	2.8	32.8	15.6	2.3	28.6	1.4	9.6	-	4.8	-	-	-
Boilermakers .....	3.52	-	-	-	-	-	-	-	-	-	33.3	1.7	22.5	18.8	8.1	2.4	-	1.7	-	6.1	5.5
Bricklayers .....	3.76	-	-	-	-	-	-	-	.9	-	1.2	3.8	-	18.7	12.2	29.7	16.4	-	.1	-	16.9
Carpenters .....	3.30	.6	.5	-	.1	1.1	5.8	8.7	7.7	12.3	18.5	10.4	11.2	6.2	.1	2.9	-	13.9	-	-	-
Cement finishers .....	3.28	1.2	.7	-	.5	6.8	1.0	2.6	22.5	10.1	12.9	5.9	11.7	7.0	.4	8.1	.1	.3	7.3	-	1.1
Electricians (inside wiremen) .....	3.50	-	-	-	-	-	3.2	-	.8	5.8	17.5	10.2	8.4	8.1	28.9	3.6	-	10.1	1.6	-	2.0
Elevator constructors .....	3.50	-	-	-	-	-	-	-	5.8	4.6	4.4	27.7	13.0	8.5	9.5	15.9	-	-	10.6	-	-
Glasiers .....	3.09	2.4	1.1	5.6	4.6	13.5	2.2	7.2	33.5	4.3	1.2	2.8	-	5.3	1.6	7.1	-	7.7	-	-	-
Lathers .....	3.57	-	-	.2	-	.2	.2	3.7	.5	3.8	7.8	5.2	14.7	7.6	16.1	19.1	11.1	-	9.8	-	-
Machinists .....	3.42	-	-	-	-	-	-	-	1.2	3.4	5.7	19.6	55.8	9.4	1.3	-	1.7	-	1.7	-	-
Marble setters .....	3.47	-	-	.5	-	-	-	1.9	7.6	5.8	6.2	13.1	11.7	16.0	12.9	6.8	17.7	-	-	-	-
Mosaic and terrazzo workers .....	3.44	-	-	1.8	-	-	-	2.1	7.5	12.7	7.2	12.9	10.3	16.9	11.0	.6	-	17.0	-	-	-
Painters .....	3.17	.4	-	2.0	3.3	2.3	6.5	8.7	11.8	12.2	21.9	1.8	22.2	5.0	1.0	.6	.1	*	*	-	-
Paperhangers .....	3.11	1.0	-	3.3	2.6	11.8	5.9	5.4	20.5	6.5	7.2	3.9	31.9	-	-	-	-	-	-	-	-
Pipefitters .....	3.53	-	-	-	-	-	-	.3	.9	6.3	7.3	15.3	13.8	25.3	10.0	5.5	-	5.0	2.5	7.7	-
Plasterers .....	3.63	-	-	1.0	-	-	-	3.7	1.6	4.0	3.7	6.6	5.5	18.5	10.6	22.7	-	3.6	-	17.8	.9
Plumbers .....	3.55	-	-	-	-	-	-	-	1.0	4.7	11.9	9.9	10.6	25.7	10.1	8.5	-	3.2	14.4	-	-
Rodmen .....	3.35	-	-	.5	.9	8.2	1.2	20.6	12.4	4.7	10.3	1.5	13.2	9.5	2.9	4.9	1.9	5.5	-	-	1.9
Roofers, composition .....	3.12	7.3	3.5	3.0	3.3	3.1	4.6	4.6	18.7	5.7	10.6	10.8	-	7.1	-	8.6	6.2	2.9	-	-	-
Roofers, slate and tile .....	3.21	1.0	5.9	.6	.6	12.0	2.2	5.5	10.8	7.9	20.6	7.3	-	4.5	1.0	6.6	4.2	-	9.4	-	-
Sheet-metal workers .....	3.35	-	-	-	-	1.4	3.6	3.2	10.9	7.3	18.3	13.8	6.4	22.5	-	4.6	-	8.2	-	-	-
Stonemasons .....	3.62	-	-	-	-	-	-	-	-	10.7	.3	1.2	2.5	37.8	7.0	23.2	9.2	-	4.1	-	4.0
Structural-iron workers .....	3.48	-	-	-	-	-	-	4.7	2.1	17.1	11.2	5.8	9.4	9.7	14.5	6.5	8.0	2.8	2.1	.5	5.5
Tile layers .....	3.40	-	-	.5	-	-	-	2.5	8.5	6.0	13.1	19.6	10.9	17.6	5.5	15.8	-	-	-	-	-
Trade	Average rate per hour	Percent of union helpers and laborers whose rates (in cents) per hour were—																			
		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 under 270	270 and under 280	280 and under 290	290 and under 300	300 and under 310	310 and under 320	320 and over
Helpers and laborers .....	\$2.45	0.7	0.7	2.4	1.6	3.5	1.3	2.4	1.9	6.0	10.4	6.2	14.4	16.3	9.1	7.1	2.8	1.4	2.5	6.8	2.6
Bricklayers' tenders .....	2.61	.5	.3	3.4	.6	2.4	1.2	1.0	7.0	2.2	4.7	2.2	7.5	10.6	11.8	10.8	2.3	1.7	4.0	23.0	2.8
Building laborers .....	2.37	.7	1.0	2.1	2.2	4.2	1.3	2.9	.5	7.9	13.5	6.3	17.4	18.2	8.4	5.7	1.8	-	1.7	3.6	.6
Composition roofers' helpers .....	2.02	-	-	26.2	6.3	7.5	-	5.0	6.3	-	9.1	9.0	20.8	9.7	-	-	-	-	-	-	-
Elevator constructors' helpers .....	2.51	-	-	-	-	-	-	-	-	5.5	6.8	31.7	12.1	20.9	5.7	-	-	-	17.3	-	-
Marble setters' helpers .....	2.63	-	-	-	-	2.5	2.3	-	-	1.6	5.4	6.3	16.4	10.3	7.9	21.9	4.9	10.8	-	-	9.5
Plasterers' laborers .....	2.71	1.2	-	3.1	.1	2.4	3.0	-	3.9	1.4	-	4.0	9.1	13.5	8.5	8.2	8.4	5.4	4.8	2.2	20.5
Plumbers' laborers .....	2.52	.4	.1	2.6	-	-	-	8.3	-	.8	6.7	17.9	6.6	6.0	10.5	14.3	18.4	-	-	7.3	-
Terrazzo workers' helpers .....	2.76	-	-	-	-	1.9	1.4	-	-	3.4	3.1	6.5	3.2	7.4	17.7	6.2	9.0	8.4	7.9	3.5	20.5
Tile layers' helpers .....	2.64	-	-	-	-	.8	.9	-	-	.3	5.9	7.5	3.7	27.1	10.5	13.6	-	29.8	-	-	-

\* Less than 0.05 percent.

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

TABLE 8.—Average union hourly wage rates in the building trades, by city and population group, July 1, 1957

City and population group	Average hourly rate	City and population group	Average hourly rate
<b>JOURNEYMEN</b>		<b>HELPERS AND LABORERS</b>	
<b>Population group I (1,000,000 and over):</b>		<b>Population group I (1,000,000 and over):</b>	
New York, N. Y. ....	\$3.87	New York, N. Y. ....	\$3.11
Philadelphia, Pa. ....	3.60	Chicago, Ill. ....	2.78
<b>Average for group I</b> .....	3.59	<b>Average for group I</b> .....	2.73
Chicago, Ill. ....	3.55	Detroit, Mich. ....	2.63
Detroit, Mich. ....	3.38	Los Angeles, Calif. ....	2.59
Los Angeles, Calif. ....	3.38	Philadelphia, Pa. ....	2.24
<b>Population group II (500,000 to 1,000,000):</b>		<b>Population group II (500,000 to 1,000,000):</b>	
Cleveland, Ohio ....	3.67	Cleveland, Ohio ....	3.00
Pittsburgh, Pa. ....	3.62	Buffalo, N. Y. ....	2.65
Washington, D. C. ....	3.48	San Francisco-Oakland, Calif. ....	2.61
Buffalo, N. Y. ....	3.47	Milwaukee, Wis. ....	2.58
Cincinnati, Ohio ....	3.47	Cincinnati, Ohio ....	2.54
St. Louis, Mo. ....	3.43	Boston, Mass. ....	2.47
<b>Average for group II</b> .....	3.38	St. Louis, Mo. ....	2.47
San Francisco-Oakland, Calif. ....	3.36	Minneapolis-St. Paul, Minn. ....	2.45
Boston, Mass. ....	3.29	Pittsburgh, Pa. ....	2.42
Milwaukee, Wis. ....	3.27	<b>Average for group II</b> .....	2.41
Baltimore, Md. ....	3.26	Washington, D. C. ....	2.20
Houston, Tex. ....	3.22	Baltimore, Md. ....	1.98
Minneapolis-St. Paul, Minn. ....	3.17	Houston, Tex. ....	1.87
New Orleans, La. ....	2.99	New Orleans, La. ....	1.62
<b>Population group III (250,000 to 500,000):</b>		<b>Population group III (250,000 to 500,000):</b>	
Newark, N. J. ....	3.96	Newark, N. J. ....	3.17
Toledo, Ohio ....	3.52	Toledo, Ohio ....	2.71
Indianapolis, Ind. ....	3.42	Rochester, N. Y. ....	2.64
Rochester, N. Y. ....	3.41	Seattle, Wash. ....	2.54
<b>Average for group III</b> .....	3.31	Portland, Oreg. ....	2.41
Louisville, Ky. ....	3.31	Indianapolis, Ind. ....	2.38
Columbus, Ohio ....	3.26	<b>Average for group III</b> .....	2.30
Denver, Colo. ....	3.24	Kansas City, Mo. ....	2.30
Seattle, Wash. ....	3.21	Columbus, Ohio ....	2.29
Kansas City, Mo. ....	3.19	Denver, Colo. ....	2.20
Dallas, Tex. ....	3.12	Louisville, Ky. ....	2.17
Portland, Oreg. ....	3.07	Dallas, Tex. ....	1.74
Atlanta, Ga. ....	3.05	Atlanta, Ga. ....	1.57
Birmingham, Ala. ....	3.00	Memphis, Tenn. ....	1.57
Memphis, Tenn. ....	2.97	Birmingham, Ala. ....	1.51
San Antonio, Tex. ....	2.96	San Antonio, Tex. ....	1.50
<b>Population group IV (100,000 to 250,000):</b>		<b>Population group IV (100,000 to 250,000):</b>	
Peoria, Ill. ....	3.45	Peoria, Ill. ....	2.69
Erie, Pa. ....	3.36	Erie, Pa. ....	2.50
New Haven, Conn. ....	3.35	New Haven, Conn. ....	2.45
Dayton, Ohio ....	3.32	Syracuse, N. Y. ....	2.45
Syracuse, N. Y. ....	3.30	Spokane, Wash. ....	2.44
Grand Rapids, Mich. ....	3.28	Des Moines, Iowa ....	2.38
Des Moines, Iowa ....	3.20	Dayton, Ohio ....	2.37
<b>Average for group IV</b> .....	3.15	Grand Rapids, Mich. ....	2.28
Springfield, Mass. ....	3.15	Scranton, Pa. ....	2.28
Spokane, Wash. ....	3.14	<b>Average for group IV</b> .....	2.26
Oklahoma City, Okla. ....	3.13	Providence, R. I. ....	2.23
Omaha, Nebr. ....	3.13	Springfield, Mass. ....	2.23
Scranton, Pa. ....	3.10	Salt Lake City, Utah ....	2.21
Providence, R. I. ....	3.06	Omaha, Nebr. ....	2.12
Salt Lake City, Utah ....	3.05	Oklahoma City, Okla. ....	2.00
Knoxville, Tenn. ....	3.02	Knoxville, Tenn. ....	1.79
Jacksonville, Fla. ....	3.00	Little Rock, Ark. ....	1.53
Little Rock, Ark. ....	2.95	Richmond, Va. ....	1.45
Richmond, Va. ....	2.85	Jacksonville, Fla. ....	1.41
Charlotte, N. C. ....	2.76	Charlotte, N. C. ....	1.28

TABLE 9.—Average union hourly wage rates in the building trades, by region,<sup>1</sup> July 1, 1957

Trade	United States	Region								
		New England	Middle Atlantic	Border States	South-east	Great Lakes	Middle West	South-west	Mountain	Pacific
All building trades -----	\$3.20	\$2.99	\$3.50	\$2.95	\$2.70	\$3.29	\$3.11	\$2.88	\$2.92	\$3.16
Journeyman -----	3.39	3.23	3.72	3.28	2.97	3.45	3.29	3.08	3.16	3.30
Asbestos workers -----	3.43	3.25	3.70	3.44	3.17	3.53	3.43	3.26	3.30	3.27
Boilermakers -----	3.52	3.25	4.06	3.43	3.25	3.51	3.29	3.25	3.37	3.45
Bricklayers -----	3.76	3.55	4.05	3.61	3.43	3.71	3.74	3.63	3.63	3.75
Carpenters -----	3.30	3.10	3.73	3.14	2.79	3.39	3.18	2.94	3.12	3.14
Cement finishers -----	3.28	3.49	3.71	3.06	2.70	3.30	3.45	2.90	3.10	3.14
Electricians (inside wiremen) -----	3.50	3.24	3.72	3.45	3.15	3.53	3.50	3.22	3.30	3.62
Elevator constructors -----	3.50	3.31	3.79	3.39	3.14	3.55	3.42	3.26	3.26	3.51
Glaziers -----	3.09	2.87	3.43	3.00	2.43	3.26	3.18	2.72	2.63	3.01
Lathers -----	3.57	3.47	3.81	3.45	2.94	3.53	3.41	3.37	3.28	3.60
Machinists -----	3.42	3.25	3.62	3.43	3.10	3.42	3.46	3.24	3.08	3.34
Marble setters -----	3.47	3.44	3.64	3.44	3.41	3.50	3.35	3.11	3.03	3.42
Mosaic and terrazzo workers -----	3.44	3.45	3.75	3.30	3.21	3.41	3.47	3.01	3.00	3.23
Painters -----	3.17	2.90	3.22	2.95	2.71	3.29	3.10	2.88	3.00	3.21
Paperhangers -----	3.11	2.99	2.89	2.71	2.71	3.25	3.10	2.72	2.81	3.31
Pipefitters -----	3.53	3.28	3.84	3.29	3.22	3.53	3.51	3.32	3.29	3.50
Plasterers -----	3.63	3.56	3.97	3.45	2.94	3.55	3.55	3.33	3.28	3.65
Plumbers -----	3.55	3.25	3.84	3.32	3.24	3.52	3.51	3.25	3.26	3.56
Rodmen -----	3.35	3.69	3.80	3.26	2.97	3.50	3.16	2.90	3.13	3.10
Roofers, composition -----	3.12	3.27	3.54	2.65	2.34	3.39	3.03	2.43	3.02	3.06
Roofers, slate and tile -----	3.21	3.48	3.49	3.27	2.44	3.42	3.00	2.74	3.02	3.10
Sheet-metal workers -----	3.35	3.24	3.67	3.33	2.97	3.42	3.32	3.05	3.01	3.29
Stonemasons -----	3.62	3.59	3.59	3.72	3.42	3.59	3.60	3.74	3.75	3.78
Structural-iron workers -----	3.48	3.70	3.94	3.53	3.08	3.54	3.25	3.08	3.13	3.34
Tile layers -----	3.40	3.44	3.63	3.37	3.16	3.46	3.19	3.03	3.04	3.34
Helpers and laborers -----	2.45	2.36	2.71	2.05	1.65	2.63	2.36	1.77	2.20	2.54
Bricklayers' tenders -----	2.61	2.34	2.93	2.06	1.60	2.68	2.50	1.85	2.54	2.82
Building laborers -----	2.37	2.35	2.56	2.02	1.66	2.60	2.29	1.69	2.10	2.46
Composition roofers' helpers -----	2.02	2.30	2.40	2.07	1.57	2.35	2.40	1.66	-	2.22
Elevator constructors' helpers -----	2.51	2.32	2.82	2.39	2.19	2.47	2.43	2.28	2.31	2.46
Marble setters' helpers -----	2.63	2.53	2.87	2.48	-	2.71	2.39	1.80	2.45	2.61
Plasterers' laborers -----	2.71	2.49	2.93	2.22	1.63	2.78	2.65	1.97	2.54	3.38
Plumbers' laborers -----	2.52	-	2.54	1.99	1.55	2.69	2.62	1.84	2.45	2.48
Terrazzo workers' helpers -----	2.76	2.60	3.04	2.33	-	2.79	2.58	1.85	2.31	2.76
Tile layers' helpers -----	2.64	2.59	2.83	2.44	-	2.70	2.32	1.81	2.45	2.52

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

TABLE 10.—Indexes of union weekly hours in the building trades, 1907-57

(1947-49 = 100)

Date	All trades	Journeyman	Helpers and laborers
1907: May 15	124.1	122.6	129.6
1908: May 15	122.2	120.8	126.9
1909: May 15	120.5	119.3	124.3
1910: May 15	119.0	117.9	122.1
1911: May 15	118.6	117.5	121.9
1912: May 15	118.2	117.1	121.5
1913: May 15	118.0	116.8	121.5
1914: May 15	117.5	116.5	120.8
1915: May 15	117.4	116.4	120.7
1916: May 15	117.0	115.9	120.4
1917: May 15	116.7	115.7	119.9
1918: May 15	116.1	115.0	119.5
1919: May 15	115.5	114.6	118.4
1920: May 15	115.0	114.1	117.6
1921: May 15	114.9	114.0	117.6
1922: May 15	114.9	114.1	117.3
1923: May 15	115.0	114.2	117.5
1924: May 15	115.0	114.2	117.5
1925: May 15	115.0	114.2	117.3
1926: May 15	114.8	114.0	117.0
1927: May 15	114.6	113.7	117.0
1928: May 15	113.9	112.9	116.9
1929: May 15	112.9	112.2	114.6
1930: May 15	109.7	108.9	112.0
1931: May 15	108.4	107.4	111.1
1932: May 15	106.4	105.5	108.6
1933: May 15	106.1	105.1	108.1
1934: May 15	102.2	101.3	104.7
1935: May 15	101.4	100.5	104.0
1936: May 15	101.4	100.5	104.2
1937: May 15	101.8	100.9	104.6
1938: June 1	100.1	99.1	102.9
1939: June 1	99.9	99.0	102.7
1940: June 1	99.8	99.0	102.1
1941: June 1	100.2	99.5	102.4
1942: July 1	101.0	100.8	101.5
1943: July 1	100.9	101.0	100.8
1944: July 1	101.1	101.2	100.8
1945: July 1	101.1	101.2	100.8
1946: July 1	100.1	100.1	100.1
1947: July 1	100.0	99.9	100.1
1948: July 1	100.0	100.0	100.0
1949: July 1	100.1	100.1	100.0
1950: July 1	100.2	100.2	100.0
1951: July 1	100.1	100.1	99.9
1952: July 1	100.1	100.1	100.1
1953: July 1	100.1	100.1	100.1
1954: July 1	100.1	100.1	100.1
1955: July 1	100.1	100.1	100.1
1956: July 1	100.1	100.1	100.1
1957: July 1	100.1	100.1	100.1

TABLE 11.—Indexes of union weekly hours in each building trade, 1907-57

Date	(1947-49 = 100)														
	Asbestos workers	Boiler-makers	Brick-layers	Car-penters	Cement finishers	Electricians (inside wiremen)	Elevator constructors	Glaziers	Lathers	Machinists	Marble setters	Mosaic and terrazzo workers	Painters	Paper-hangers	Pipe-fitters
1907: May 15	-	-	122.7	120.8	122.7	122.9	-	-	-	-	118.0	-	125.3	-	118.8
1908: May 15	-	-	120.1	119.0	121.6	122.0	-	-	-	-	118.0	-	123.4	-	118.8
1909: May 15	-	-	117.6	117.6	122.5	121.2	-	-	-	-	116.8	-	121.7	-	118.5
1910: May 15	-	-	115.4	116.2	122.3	120.5	-	-	-	-	116.5	-	120.1	-	117.8
1911: May 15	-	-	115.0	115.6	121.1	120.3	-	-	-	-	116.0	-	119.3	-	117.7
1912: May 15	-	-	115.0	115.5	121.1	119.9	-	-	122.5	-	116.0	-	119.2	-	116.9
1913: May 15	-	-	114.8	115.4	119.8	119.4	-	-	122.5	-	116.0	-	118.5	-	116.5
1914: May 15	-	-	114.3	114.9	119.0	119.0	115.9	-	122.5	-	115.8	-	118.3	-	115.0
1915: May 15	-	-	114.2	114.9	119.0	118.3	115.4	-	121.9	-	115.8	-	118.3	-	115.0
1916: May 15	113.5	-	113.9	114.9	117.2	117.4	115.3	-	121.9	-	115.6	118.0	117.4	-	114.6
1917: May 15	113.0	-	113.6	114.9	115.9	116.9	114.6	-	121.3	-	115.5	118.0	117.3	-	114.5
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	-	113.4
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	-	113.3
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	-	113.2
1921: May 15	114.4	-	113.3	113.0	113.8	114.8	113.6	114.0	119.9	-	115.1	113.8	113.3	-	113.1
1922: May 15	111.4	-	113.3	113.1	113.7	114.8	113.3	114.1	120.0	-	114.1	113.8	114.1	-	113.1
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	-	113.1
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	-	113.1
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	-	113.1
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	-	112.9
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	-	112.7
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	-	112.7
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	-	107.1
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	-	106.0
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	-	105.0
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	-	104.4
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	-	103.8
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	-	103.5
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	-	103.7
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	103.8
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	98.3
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	98.7
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	98.7
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	99.3
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	100.9
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	100.9
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	100.9
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	100.9
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	100.0
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	100.0
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	100.0
1949: July 1	100.1	100.5	100.0	100.0	100.0	101.1	100.0	100.0	98.6	100.0	100.0	100.6	100.0	100.0	100.0
1950: July 1	100.1	100.5	100.0	100.0	100.0	101.1	100.0	100.0	101.7	100.0	100.0	100.6	100.0	100.0	100.0
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	100.0
1952: July 1	100.1	100.5	100.1	100.0	100.0	100.1	100.0	100.0	100.7	100.0	100.0	100.6	98.8	98.8	100.0
1953: July 1	100.1	100.5	100.1	100.0	100.0	100.1	100.0	100.0	100.8	100.0	100.0	100.6	98.8	98.8	100.0
1954: July 1	100.1	100.5	100.1	100.0	100.0	100.1	100.0	100.0	100.3	99.2	100.0	100.6	98.8	98.8	100.0
1955: July 1	100.1	100.5	100.1	100.0	100.0	100.1	100.0	100.0	100.3	99.2	100.0	100.6	98.8	98.8	100.0
1956: July 1	100.1	100.5	100.1	100.0	100.0	100.0	100.1	100.0	100.3	99.2	100.0	98.6	98.8	98.8	100.0
1957: July 1	100.1	99.8	100.1	100.0	100.0	100.1	100.0	100.0	100.3	99.2	100.0	98.6	98.8	98.8	100.0

TABLE 11.—Indexes of union weekly hours in each building trade, 1907-57 - Continued

Date	(1947-49 = 100)															
	Plas- terers	Plumb- ers	Rodmen	Roofers, composi- tion	Roofers, slate and tile	Sheet- metal workers	Stone- masons	Structural- iron workers <sup>1</sup>	Tile layers	Bricklay- ers' tend- ers	Building laborers	Composi- tion roofers' helpers	Plaster- ers' laborers	Plumb- ers' laborers	Tile layers' helpers	
1907: May 15	122.0	123.7	-	-	-	117.0	118.0	120.0	-	123.3	125.1	-	127.8	-	-	
1908: May 15	121.4	123.8	-	-	-	116.9	118.0	117.6	-	123.3	125.1	-	127.3	-	-	
1909: May 15	121.4	123.8	-	-	-	116.9	118.0	116.0	-	122.9	124.7	-	127.0	-	-	
1910: May 15	121.3	123.6	-	-	-	116.9	116.2	114.7	-	121.9	121.7	-	127.0	-	-	
1911: May 15	122.0	123.3	-	-	-	116.6	115.4	114.5	-	121.3	121.7	-	126.9	-	-	
1912: May 15	120.5	122.3	-	-	-	115.1	115.4	113.4	110.7	120.3	121.7	-	126.3	-	125.7	
1913: May 15	120.5	122.3	-	-	-	114.9	115.3	112.9	113.1	120.3	121.7	-	126.3	-	125.1	
1914: May 15	120.4	121.8	-	113.8	111.6	114.8	115.3	112.7	113.1	118.8	121.3	-	126.4	-	125.1	
1915: May 15	119.8	121.8	-	113.8	111.6	114.6	115.2	112.7	112.7	118.8	121.3	-	126.4	-	123.2	
1916: May 15	118.6	121.2	-	113.8	111.2	114.1	115.0	112.4	112.1	118.8	120.7	-	125.2	-	122.8	
1917: May 15	118.5	121.1	-	113.0	109.2	114.0	114.9	112.2	111.8	118.7	119.3	-	125.0	-	121.8	
1918: May 15	118.2	120.1	-	112.5	109.2	112.8	114.9	111.8	111.8	118.7	118.8	-	125.0	-	121.8	
1919: May 15	118.2	119.7	-	112.5	108.9	112.3	114.2	111.6	111.3	118.3	116.6	-	124.5	-	121.4	
1920: May 15	117.9	119.7	-	112.5	108.9	111.9	114.2	111.6	111.0	118.0	115.3	-	124.5	-	121.4	
1921: May 15	117.6	119.5	-	110.4	108.8	111.9	114.3	111.6	111.1	118.0	115.3	-	124.0	-	121.6	
1922: May 15	117.7	119.5	-	110.4	108.7	111.8	114.2	111.6	110.9	118.3	114.5	-	124.0	-	121.6	
1923: May 15	118.3	119.5	-	110.4	109.0	111.8	114.2	111.6	111.2	118.3	115.3	-	124.1	-	122.7	
1924: May 15	118.4	119.5	-	110.4	108.6	111.8	113.9	111.6	111.2	118.2	115.0	-	124.0	-	122.7	
1925: May 15	118.0	119.5	-	110.4	108.6	111.8	113.9	111.3	111.2	118.0	115.1	-	123.9	-	122.7	
1926: May 15	114.6	119.5	-	110.4	108.6	111.8	114.1	111.6	111.2	118.2	115.3	-	119.8	-	122.7	
1927: May 15	114.1	119.2	-	110.4	108.6	111.4	113.9	111.6	111.1	118.2	115.5	-	119.7	-	122.7	
1928: May 15	113.2	119.2	-	110.3	108.6	111.1	113.8	111.5	110.8	118.2	115.4	-	120.0	-	122.7	
1929: May 15	112.1	118.2	-	109.7	107.3	111.0	110.5	111.0	110.6	111.6	115.3	-	119.9	-	122.1	
1930: May 15	109.6	112.7	-	105.4	102.7	106.9	106.7	107.6	104.9	110.9	113.2	-	116.8	-	114.2	
1931: May 15	108.7	111.2	-	104.1	101.0	105.1	104.8	106.3	103.5	110.3	111.8	-	115.8	-	113.0	
1932: May 15	106.8	110.8	-	103.0	101.0	103.6	104.4	103.7	102.4	107.9	107.9	-	115.5	-	111.6	
1933: May 15	109.0	110.3	-	104.3	101.0	103.5	103.6	103.4	102.2	107.3	107.5	-	113.6	-	111.7	
1934: May 15	104.3	109.2	-	101.6	100.6	102.0	103.1	101.9	95.3	105.3	102.8	-	110.1	-	107.0	
1935: May 15	102.7	108.5	-	101.5	99.3	102.1	103.0	100.7	95.3	105.2	102.7	-	108.8	-	93.1	
1936: May 15	101.0	107.1	-	102.1	100.2	102.0	103.0	100.6	95.2	105.0	103.2	-	107.0	-	93.1	
1937: May 15	101.1	107.7	100.3	102.2	100.1	102.1	103.0	100.1	99.3	105.3	103.5	99.9	107.0	-	99.6	
1938: June 1	97.0	102.3	100.3	100.4	98.9	100.0	99.6	99.0	99.3	104.0	103.0	99.9	102.0	103.2	99.6	
1939: June 1	97.0	102.6	100.2	100.5	98.9	100.0	99.6	98.9	99.3	103.7	102.9	99.9	101.7	103.2	99.6	
1940: June 1	96.8	101.5	100.2	100.1	98.8	100.0	99.5	98.9	99.3	103.6	102.3	99.6	101.3	100.0	99.8	
1941: June 1	97.1	101.9	101.1	100.8	98.8	100.8	99.6	99.3	99.7	103.5	102.6	100.2	101.7	100.0	100.0	
1942: July 1	98.9	102.5	101.1	100.9	100.2	100.9	99.8	100.0	101.0	102.3	101.6	100.5	101.8	99.7	100.0	
1943: July 1	102.8	104.4	101.2	100.8	100.0	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	103.0	100.0	
1944: July 1	102.9	104.4	101.2	100.7	100.0	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	102.9	100.0	
1945: July 1	102.9	104.4	101.2	100.7	100.0	100.9	99.8	100.0	100.0	102.1	100.2	100.0	102.4	102.9	100.0	
1946: July 1	100.9	100.8	100.6	100.4	100.0	100.8	99.6	100.0	100.0	100.5	100.0	100.0	101.7	100.0	100.0	
1947: July 1	99.9	99.8	100.0	100.4	100.0	100.1	98.9	100.0	100.0	100.0	100.0	100.0	100.9	100.0	100.0	
1948: July 1	99.8	100.1	100.0	100.4	100.0	100.1	100.6	100.0	100.0	100.0	100.0	100.0	99.6	100.0	100.0	
1949: July 1	100.4	100.1	100.0	99.2	100.0	99.9	100.4	100.0	100.0	100.0	100.0	100.0	99.6	100.0	100.0	
1950: July 1	102.7	100.8	100.0	99.2	100.0	99.9	100.4	100.0	100.0	100.0	100.0	100.0	99.6	100.0	100.0	
1951: July 1	102.7	100.8	100.0	99.2	100.0	99.9	100.5	100.0	100.0	99.8	99.8	100.0	100.8	100.0	100.0	
1952: July 1	102.7	100.8	100.0	99.2	100.0	99.9	100.5	100.0	100.0	99.9	99.9	100.0	101.3	100.0	100.0	
1953: July 1	102.7	100.8	100.0	99.2	100.0	99.9	100.5	100.0	100.0	99.9	99.9	100.0	101.3	100.0	100.0	
1954: July 1	102.7	100.8	100.0	99.2	100.0	99.9	100.5	100.0	100.0	99.9	99.9	100.0	101.4	100.0	100.0	
1955: July 1	102.7	100.8	100.0	99.2	100.0	99.9	100.5	100.0	100.0	99.8	99.9	100.0	101.7	100.0	100.0	
1956: July 1	102.7	100.8	100.0	99.2	100.0	99.9	100.5	100.0	100.0	99.8	99.9	100.0	101.7	100.0	100.0	
1957: July 1	102.7	100.8	100.0	99.2	100.0	99.9	100.5	100.0	100.0	99.8	99.9	100.0	101.7	100.0	100.0	

<sup>1</sup> Included rodmen prior to 1938.



TABLE 12.—Distribution of union members in the building trades,  
by straight-time weekly hours, July 1, 1957

Trade	Average hours per week	Percent of union members having workweek of—			
		30 hours	35 hours	40 hours	42.5 hours
All building trades.....	39.4	0.5	11.7	87.7	*
Journeyman .....	39.3	0.5	12.7	86.8	-
Asbestos workers .....	39.8	-	4.8	95.2	-
Boilermakers .....	39.7	-	5.5	94.5	-
Bricklayers .....	39.0	-	19.5	80.5	-
Carpenters .....	39.4	-	12.9	87.1	-
Cement finishers .....	39.6	-	8.5	91.5	-
Electricians (inside wiremen) .....	39.4	-	11.4	88.6	-
Elevator constructors .....	40.0	-	-	100.0	-
Glaziers .....	39.6	-	7.7	92.3	-
Lathers .....	38.7	3.8	17.9	78.3	-
Machinists .....	39.9	-	1.7	98.3	-
Marble setters .....	40.0	-	-	100.0	-
Mosaic and terrazzo workers .....	39.2	-	17.0	83.0	-
Painters .....	38.5	*	29.1	70.9	-
Paperhangers .....	39.2	-	16.4	83.6	-
Pipefitters .....	39.6	-	7.7	92.3	-
Plasterers .....	38.0	19.6	.9	79.5	-
Plumbers .....	39.4	-	13.0	87.0	-
Rodmen .....	39.8	-	4.0	96.0	-
Roofers, composition .....	39.5	-	9.6	90.4	-
Roofers, slate and tile .....	40.0	-	-	100.0	-
Sheet-metal workers .....	39.6	-	8.2	91.8	-
Stonemasons .....	39.6	-	9.0	91.0	-
Structural-iron workers .....	39.9	-	2.8	97.2	-
Tile layers .....	40.0	-	-	100.0	-
Helpers and laborers .....	39.5	.8	7.7	91.4	0.1
Bricklayers' tenders .....	38.7	-	25.7	74.3	-
Building laborers .....	39.8	-	4.2	95.8	-
Composition roofers' helpers .....	40.0	-	.8	99.2	-
Elevator constructors' helpers .....	40.0	-	-	100.0	-
Marble setters' helpers .....	40.0	-	-	100.0	-
Plasterers' laborers .....	38.8	10.7	3.7	83.9	1.7
Plumbers' laborers .....	40.0	-	-	100.0	-
Terrazzo workers' helpers .....	39.1	-	18.9	81.1	-
Tile layers' helpers .....	40.0	-	-	100.0	-

\* Less than 0.05 percent.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957

(Hours are 40 per week for both years unless otherwise indicated)									
Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>ATLANTA, GA.</b>					<b>BALTIMORE, MD.</b>				
<u>Journeyman</u>					<u>Journeyman</u>				
Asbestos workers -----	\$3.000	\$3.250	7½¢	-	Asbestos workers -----	\$3.325	\$3.525	10¢	-
Boilermakers -----	3.100	3.250	7½¢	-	Boilermakers -----	3.400	3.550	7½¢	-
Bricklayers -----	3.350	3.350	-	-	Bricklayers -----	3.450	3.700	5¢	-
Carpenters -----	2.800	2.900	-	-	Carpenters -----	2.950	3.050	7½¢	-
Cement finishers -----	2.750	2.850	-	-	Cement finishers -----	2.950	3.050	7½¢	-
Electricians (inside wiremen) -----	3.100	3.200	-	1%	Electricians (inside wiremen) -----	3.300	3.425	7½¢	1%
Elevator constructors -----	3.050	3.160	6¢	-	Elevator constructors -----	3.180	3.490	6¢	-
Engineers - Power equipment operators:					Engineers - Power equipment operators:				
Air compressors -----	2.200	2.475	-	-	Building construction:				
Bulldozers -----	2.525	2.700	-	-	Heavy equipment:				
Cranes, derricks, draglines, and					Derricks, power cranes, shovels,				
piledrivers -----	3.050	3.225	-	-	and elevating graders -----	3.400	3.550	10¢	-
Hoists -----	3.000	3.225	-	-	Medium equipment:				
Mixers -----	2.300	2.475	-	-	Temporary elevators, concrete				
Rollers -----	2.200	2.475	-	-	pumps and single-drum hoists -----	2.700	2.850	10¢	-
Shovels -----	3.050	3.225	-	-	Light equipment:				
Tractors with special equipment -----	2.525	2.700	-	-	Compressors and pumps -----	2.700	2.850	10¢	-
Trench machines -----	2.800	3.225	-	-	Bulldozers -----	2.600	2.750	10¢	-
Glaziers -----	2.500	2.650	-	-	Heavy construction:				
Lathers -----	3.000	3.125	-	-	Heavy equipment:				
Machinists -----	2.950	3.100	-	-	Whirleys, derricks, and				
Marble setters -----	3.350	3.350	-	-	piledrivers -----	3.400	3.550	10¢	-
Mosaic and terrazzo workers -----	3.350	3.350	-	-	Light equipment:				
Painters -----	2.750	2.850	-	-	Tractors with attachment -----	3.000	3.150	10¢	-
Structural steel and swing stage -----	3.000	3.100	-	-	Glaziers -----	2.725	2.950	7¢	-
Paperhangers -----	3.000	3.100	-	-	Lathers -----	3.250	3.350	7½¢	-
Pipefitters -----	3.200	3.300	7½¢	7½¢	Machinists -----	3.125	3.420	-	-
Plasterers -----	3.000	3.125	-	-	Marble setters -----	3.250	3.250	5¢	-
Plumbers -----	3.200	3.300	7½¢	7½¢	Mosaic and terrazzo workers -----	3.075	3.195	7¢	-
Rodmen -----	2.800	2.950	7½¢	-	Painters -----	2.675	2.825	7½¢	-
Roofers, composition -----	2.000	2.000	-	-	Structural steel -----	2.825	2.975	7½¢	-
Roofers, slate and tile -----	2.250	2.250	-	-	Paperhangers -----	2.675	2.825	7½¢	-
Sheet-metal workers -----	3.000	3.000	-	-	Pipefitters -----	3.200	3.300	7½¢	-
Stonemasons -----	3.350	3.350	-	-	Plasterers -----	3.250	3.350	7½¢	-
Structural- and ornamental-iron					Plumbers -----	3.200	3.300	7½¢	-
workers -----	3.050	3.150	7½¢	-	Rodmen -----	3.250	3.400	7½¢	-
Tile layers -----	3.350	3.350	-	-	Roofers, composition -----	2.500	2.600	11¢	-
					Mop-men -----	2.900	3.000	11¢	-
					Roofers, slate and tile -----	2.900	3.000	11¢	-
					Precast journeyman -----	3.500	3.600	11¢	-
					Precast roofers -----	3.250	3.350	11¢	-
					Sheet-metal workers -----	3.200	3.300	8¢	10¢
					Stonemasons -----	3.450	3.700	5¢	-
					Structural-iron workers -----	3.500	3.650	7½¢	-
					Sheeters -----	3.750	3.900	7½¢	-
					Tile layers -----	3.075	3.195	7¢	-
<u>Helpers and laborers</u>									
Bricklayers' tenders -----	1.450	1.550	-	-					
Mortar mixers -----	1.570	1.670	-	-					
Building laborers -----	1.450	1.550	-	-					
Elevator constructors' helpers -----	2.140	2.210	6¢	-					
Plasterers' laborers -----	1.450	1.550	-	-					
Plumbers' laborers -----	1.450	1.550	-	-					

See footnotes at end of table.

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

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>BALTIMORE, MD. - Continued</b>					<b>BIRMINGHAM, ALA. - Continued</b>				
<b>Helpers and laborers</b>					<b>Helpers and laborers</b>				
Bricklayers' tenders	\$1.950	\$2.050	7½¢	-	Bricklayers' tenders	\$1.500	\$*1.500	-	-
Building laborers	1.800	1.900	7½¢	-	Mortar mixers	1.600	*1.600	-	-
Elevator constructors' helpers	2.230	2.440	6¢	-	Building laborers	1.500	*1.500	-	-
Marble setters' helpers	2.125	2.225	-	-	Composition roofers' helpers	1.380	1.500	-	-
Plasterers' laborers	1.950	2.050	7½¢	-	Elevator constructors' helpers	2.170	2.230	6¢	-
Hod carriers	2.200	2.300	7½¢	-	Plasterers' laborers	1.550	*1.550	-	-
Mortar mixers	1.950	2.050	7½¢	-	<b>BOSTON, MASS.</b>				
Plumbers' laborers	1.800	1.900	7½¢	-	<b>Journeyman</b>				
Terrazzo workers' helpers	2.025	2.125	7½¢	-	Asbestos workers	3.170	3.270	14¢	10¢
Tile layers' helpers	2.125	2.225	-	-	Boilermakers	3.150	3.250	7½¢	-
<b>BIRMINGHAM, ALA.</b>					Bricklayers	3.500	3.650	15¢	-
<b>Journeyman</b>					Carpenters	2.600	2.700	-	-
Asbestos workers	3.150	3.300	7½¢	-	Millwrights	2.725	2.825	-	-
Bricklayers	3.500	*3.500	-	-	Piledrivers	2.800	2.900	-	-
Carpenters	2.600	2.700	-	-	Cement finishers	2.780	*2.780	-	-
Millwrights	2.725	2.825	-	-	Electricians (inside wiremen)	3.175	3.300	-	1%
Piledrivers	2.800	2.900	-	-	Elevator constructors	3.100	3.190	6¢	-
Cement finishers	2.780	*2.780	-	-	Engineers - Power equipment operators:				
Electricians (inside wiremen)	3.175	3.300	-	1%	Building construction:				
Elevator constructors	3.100	3.190	6¢	-	Heavy equipment:				
Engineers - Power equipment operators:					Cranes, derricks, draglines	2.700	2.800	-	-
Building construction:					Hoists, 2 or more drums	2.700	2.800	-	-
Heavy equipment:					Mixers, 5 bags and over	2.700	2.800	-	-
Cranes, derricks, draglines	2.700	2.800	-	-	Shovels, scrapers	2.700	2.800	-	-
Hoists, 2 or more drums	2.700	2.800	-	-	Medium equipment:				
Mixers, 5 bags and over	2.700	2.800	-	-	Bulldozers, motor graders	2.560	2.660	-	-
Shovels, scrapers	2.700	2.800	-	-	Hoists, 1 drum	2.420	2.520	-	-
Medium equipment:					Rollers	2.420	2.520	-	-
Bulldozers, motor graders	2.560	2.660	-	-	Light equipment:				
Hoists, 1 drum	2.420	2.520	-	-	Air compressors	2.285	2.385	-	-
Rollers	2.420	2.520	-	-	Mixers, under 5 bags	2.285	2.385	-	-
Light equipment:					Pumps	2.285	2.385	-	-
Air compressors	2.285	2.385	-	-	Glaziers	2.650	2.750	-	-
Mixers, under 5 bags	2.285	2.385	-	-	Lathers	2.600	2.700	-	-
Pumps	2.285	2.385	-	-	Marble setters	3.100	3.250	-	-
Glaziers	2.650	2.750	-	-	Mosaic and terrazzo workers	3.100	3.250	-	-
Lathers	2.600	2.700	-	-	Painters	2.750	2.900	-	-
Marble setters	3.100	3.250	-	-	Spray	3.750	3.900	-	-
Mosaic and terrazzo workers	3.100	3.250	-	-	Structural steel, stage and swing stage	3.000	3.150	-	-
Painters	2.750	2.900	-	-	Paperhangers	2.750	2.900	-	-
Spray	3.750	3.900	-	-	Pipefitters	3.050	3.250	7½¢	-
Structural steel, stage and swing stage	3.000	3.150	-	-	Plasterers	2.920	*2.920	-	-
Paperhangers	2.750	2.900	-	-	Plumbers	3.050	3.250	7½¢	-
Pipefitters	3.050	3.250	7½¢	-	Rodmen	2.750	2.950	7½¢	-
Plasterers	2.920	*2.920	-	-	Roofers, composition	2.280	2.450	-	-
Plumbers	3.050	3.250	7½¢	-	Roofers, slate and tile	2.280	2.450	-	-
Rodmen	2.750	2.950	7½¢	-	Sheet-metal workers	2.850	2.950	7½¢	-
Roofers, composition	2.280	2.450	-	-	Stonemasons	3.500	*3.500	-	-
Roofers, slate and tile	2.280	2.450	-	-	Structural and ornamental-iron workers	3.000	3.200	7½¢	-
Sheet-metal workers	2.850	2.950	7½¢	-	Buckers-up	3.125	3.200	7½¢	-
Stonemasons	3.500	*3.500	-	-	Sheeters	3.250	3.200	7½¢	-
Structural and ornamental-iron workers	3.000	3.200	7½¢	-	Tile layers	3.100	3.250	-	-
Buckers-up	3.125	3.200	7½¢	-					
Sheeters	3.250	3.200	7½¢	-					
Tile layers	3.100	3.250	-	-					
					Glaziers	3.250	3.500	10¢	-
					Lathers	3.250	3.650	15¢	-
					Machinists	3.250	3.250	-	-
					Marble setters	3.250	3.500	-	-
					Mosaic and terrazzo workers	3.250	3.500	-	-
					Painters	2.650	2.900	10¢	-
					Spray	3.975	4.350	10¢	-
					Structural steel	2.900	3.150	10¢	-
					Pipefitters	3.200	3.250	10¢	15¢
					Sprinkler fitters	3.300	3.350	7½¢	-
					Plasterers	3.500	3.650	15¢	-
					Plumbers	3.150	3.250	15¢	10¢
					Rodmen	3.550	3.700	10¢	10¢
					Roofers, composition	3.100	3.250	10¢	-
					Roofers, slate and tile	3.100	3.250	10¢	-
					Sheet-metal workers	3.100	3.250	11¢	-
					Stonemasons	3.500	3.650	15¢	-
					Structural-iron workers	3.550	3.700	10¢	10¢
					Tile layers	3.250	3.500	-	-

See footnotes at end of table.

\* This rate in effect prior to July 1, 1957; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>BOSTON, MASS. - Continued</b>					<b>BUFFALO, N. Y. - Continued</b>				
<b>Helpers and laborers</b>					<b>Journeyman - Continued</b>				
Bricklayers' tenders	\$2.300	\$2.450	7¢	-	Pipefitters	\$3.300	\$3.475	-	-
Building laborers	2.300	2.450	7¢	-	Sprinkler fitters	3.280	3.400	7½¢	-
Composition roofers' helpers	2.350	2.500	10¢	-	Plasterers	3.515	3.715	-	-
Elevator constructors' helpers	2.250	2.390	6¢	-	Plumbers	3.275	3.425	10¢	10¢
Marble setters' helpers	2.475	2.700	-	-	Rodmen	3.315	3.515	7½¢	-
Plasterers' laborers	2.500	2.650	7¢	-	Roofers, composition	3.030	3.230	-	-
Terrazzo workers' helpers	2.575	2.800	-	-	Roofers, slate and tile	3.180	3.380	-	-
Tile layers' helpers	2.475	2.700	-	-	Sheet-metal workers	3.375	3.575	-	-
<b>BUFFALO, N. Y.</b>					<b>Stonemasons</b>				
<b>Journeyman</b>					<b>Structural- and ornamental-iron workers</b>				
Asbestos workers	3.150	3.150	7½¢	20¢	Tile layers	3.315	3.515	7½¢	-
Boilermakers	3.385	3.515	7½¢	-	<b>Helpers and laborers</b>				
Bricklayers	3.490	3.690	-	-	Bricklayers' tenders	2.485	2.610	7½¢	-
Carpenters	3.315	3.585	-	-	Building laborers	2.485	2.610	7½¢	-
Home building	2.980	3.195	-	-	Elevator constructors' helpers	2.250	2.550	6½¢	-
Cement finishers	3.210	3.410	-	-	Marble setters' helpers	2.550	2.750	-	-
Swing scaffold	3.480	3.680	-	-	Plasterers' laborers	2.585	2.710	7½¢	-
Machine operators	3.380	3.580	-	-	Mortar mixers	2.635	2.760	7½¢	-
Swing scaffold	3.630	3.830	-	-	Plumbers' laborers	2.735	2.860	7½¢	-
Electricians (inside wiremen)	3.500	3.660	-	1%	Terrazzo workers' helpers	2.550	2.750	-	-
Elevator constructors	3.215	3.645	6½¢	-	Terrazzo grinders	2.625	2.825	-	-
Engineers - Power equipment operators:					Tile layers' helpers	2.550	2.750	-	-
Building construction:					<b>CHARLOTTE, N. C.</b>				
Heavy equipment:					<b>Journeyman</b>				
Shovels, cranes, derricks	3.385	3.485	10¢	-	Asbestos workers	2.900	3.000	-	-
Medium equipment:					Boilermakers	3.100	3.250	7½¢	-
Carryalls, trench machines	3.260	3.360	10¢	-	Bricklayers	3.000	3.000	-	-
Hoists	3.220	3.320	10¢	-	Carpenters	2.250	2.325	-	-
Light equipment:					Millwrights, piledrivers, wharf and bridge	2.525	2.625	-	-
Compressors, mechanical heaters	3.010	3.110	10¢	-	Cement finishers	2.200	2.200	-	-
Pumps	3.135	3.235	10¢	-	Electricians (inside wiremen)	2.700	2.850	-	1%
Heavy construction:					Engineers - Power equipment operators:				
Shovels, cranes, backhoes	3.385	3.485	10¢	-	Air compressors (portable)	2.075	2.125	-	-
Medium equipment:					Bulldozers	2.350	2.425	-	-
Graders, carryalls, trench machines	3.260	3.360	10¢	-	Cranes, derricks, draglines	2.650	2.725	-	-
Light equipment:					Hoists:				
Compressors, heating boilers	3.010	3.110	10¢	-	1 drum	1.950	2.000	-	-
Pavers	3.385	3.485	10¢	-	2 or more drums	2.075	2.125	-	-
Glaziers	2.800	2.950	-	-	Boom	2.225	2.275	-	-
Lathers	3.450	3.710	-	-	Locomotives	2.650	2.725	-	-
Machinists	3.350	3.610	-	-	Mixers:				
Marble setters	3.235	3.435	-	-	Under 10S	1.950	2.000	-	-
Mosaic and terrazzo workers	3.170	3.370	-	-	Over 10S	2.075	2.125	-	-
Painters	3.000	3.200	-	-	Piledrivers	2.650	2.725	-	-
Spray, steel, swing scaffold	3.125	3.325	-	-	Pumps:				
Residential	2.660	2.760	-	-	Under 2 inches	1.950	2.000	-	-
Paperhangers	3.000	3.200	-	-	Over 2 inches	2.075	2.125	-	-
Residential	2.660	2.760	-	-	Scrapers	2.350	2.425	-	-

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>CHARLOTTE, N. C. - Continued</b>					<b>CHICAGO, ILL. - Continued</b>				
<b>Journeyman - Continued</b>					<b>Journeyman - Continued</b>				
Engineers - Power equipment operators: - Continued					Engineers - Power equipment operators: - Continued				
Shovels:					Building construction: - Continued				
Under 4 yards -----	\$2.650	\$2.725	-	-	Medium equipment:				
4 yards and over -----	2.900	2.975	-	-	Cranes -----	\$3.350	\$3.750	5¢	-
Trench machines -----	2.225	2.275	-	-	Derricks, small -----	3.250	3.400	5¢	-
Tractors:					Hoists, single -----	3.250	3.400	5¢	-
With attachments -----	2.350	2.425	-	-	Light equipment:				
Without attachments -----	2.075	2.125	-	-	Bulldozers -----	3.000	3.150	5¢	-
Glaziers -----	1.750	1.750	-	-	Le Tourneau scoops -----	3.150	3.300	5¢	-
Lathers -----	2.750	2.925	-	-	Motor patrols -----	3.250	3.400	5¢	-
Marble setters -----	2.750	3.000	-	-	Heavy construction:				
Mosaic and terrazzo workers -----	2.750	3.000	-	-	Heavy equipment:				
Painters -----	1.750	1.750	-	-	Cranes -----	3.450	3.600	5¢	-
Spray -----	2.200	2.200	-	-	Koehring graders -----	3.450	3.600	5¢	-
Structural steel, swing stage -----	2.090	2.090	-	-	Shovels -----	3.450	3.600	5¢	-
Paperhangers -----	1.750	1.750	-	-	Medium equipment:				
Pipefitters -----	2.850	3.100	-	-	All rollers, except grade -----	3.200	3.350	5¢	-
Plasterers -----	2.500	2.500	-	-	Scoops and similar machines -----	3.000	3.200	5¢	-
Plumbers -----	2.850	3.100	-	-	Light equipment:				
Rodmen -----	2.500	2.650	-	-	Bulldozers -----	2.850	3.000	5¢	-
Sheet-metal workers -----	2.500	2.700	-	-	Pumps -----	2.650	2.800	5¢	-
Structural- and ornamental-iron workers -----	2.750	2.900	-	-	Welding machines, 2 or more -----	2.950	3.100	5¢	-
Sheeters -----	3.000	3.150	-	-	Glaziers -----	3.565	3.715	10¢	10¢
Tile layers -----	2.750	3.000	-	-	Lathers (wood, wire, and metal) -----	3.550	3.705	6 7/8¢	11¢
					Machinists -----	3.375	3.450	-	-
					Marble setters and cutters -----	3.500	3.700	-	-
					Mosaic and terrazzo workers -----	3.450	3.650	-	-
					Painters -----	3.275	3.475	15¢	-
					Paperhangers -----	3.275	3.475	15¢	-
					Pipefitters -----	3.370	3.550	7 1/2¢	15¢
					Sprinkler fitters -----	3.515	3.695	7 1/2¢	-
					Plasterers -----	3.545	3.700	17¢	6¢
					Plumbers -----	3.350	3.530	9¢	15¢
					Rodmen -----	3.550	3.800	7 1/2¢	7 1/2¢
					Roofers, composition -----	3.650	3.820	13¢	-
					Roofers, slate and tile -----	3.650	3.820	13¢	-
					Sheet-metal workers -----	3.280	3.550	7 1/2¢	10¢
					Stonemasons -----	3.625	3.825	7 1/2¢	-
					Structural-iron workers (erectors) -----	3.550	3.800	7 1/2¢	7 1/2¢
					Ornamental-iron finishers -----	3.525	3.765	10¢	7 1/2¢
					Tile layers, ceramic -----	3.450	3.650	5 7/8¢	5¢
					Metal, plastic, and composition -----	3.275	3.400	5 7/8¢	5¢
					<b>Helpers and laborers</b>				
					Bricklayers' tenders -----	2.575	2.775	7 1/2¢	-
					Building laborers -----	2.575	2.775	7 1/2¢	-
					Elevator constructors' helpers -----	2.460	2.590	6 1/2¢	-
					Marble setters' helpers -----	2.700	2.900	-	-
					Plasterers' laborers -----	2.700	2.900	7 1/2¢	-
					Terrazzo workers' helpers -----	2.800	3.000	5¢	-
					Base-machine operators -----	3.050	3.250	5¢	-
					Tile layers' helpers -----	2.600	2.750	5 7/8¢	5¢

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>CINCINNATI, OHIO</b>					<b>CLEVELAND, OHIO</b>				
<u>Journeyman</u>					<u>Journeyman</u>				
Asbestos workers -----	\$3.300	\$3.450	7½¢	-	Asbestos workers -----	\$3.550	\$3.715	-	-
Boilermakers -----	3.100	3.500	7½¢	-	Boilermakers -----	3.525	3.690	7½¢	-
Bricklayers -----	3.600	3.750	-	-	Bricklayers -----	3.550	3.715	10¢	-
Carpenters -----	3.300	3.450	-	-	Caisson and sewer -----	4.050	4.215	10¢	-
Millwrights -----	3.450	3.600	-	-	Carpenters -----	3.575	3.740	-	-
Cement finishers -----	3.150	3.300	-	-	Cement finishers -----	3.575	3.740	-	-
Electricians (inside wiremen) -----	3.500	3.670	-	1%	Electricians (inside wiremen) -----	3.600	3.765	-	1%
Elevator constructors -----	3.310	3.465	6¢	-	Elevator constructors -----	3.390	3.725	6¢	-
Engineers - Power equipment operators:					Engineers - Power equipment operators:				
Building and heavy construction:					Building and heavy construction:				
Heavy equipment:					Heavy equipment:				
Cranes, derricks, power shovels ---	3.325	3.475	-	-	Cranes, power shovels, derricks ---	3.575	3.740	-	-
Medium equipment:					Medium equipment:				
Power graders, trench machines ---	3.075	3.225	-	-	Power graders, trench machines ---	3.325	3.490	-	-
Rollers, asphalt -----	2.950	3.100	-	-	Rollers -----	3.200	3.365	-	-
Light equipment:					Light equipment:				
Bulldozers -----	3.075	3.225	-	-	Bulldozers -----	3.325	3.490	-	-
Compressors, portable -----	2.700	2.850	-	-	Pumps, 4 inches and over -----	3.200	3.365	-	-
Pumps, 4 inches and over -----	2.950	3.100	-	-	Compressors, Bldg. Const. -----	3.200	3.365	-	-
Glaziers -----	3.150	3.300	-	-	Compressors, portable -----	2.950	3.115	-	-
Lathers, wood and metal -----	3.325	3.450	-	-	Glaziers -----	3.375	3.515	12½¢	10¢
Machinists -----	3.350	3.450	-	-	Lathers -----	3.575	3.740	-	-
Marble setters -----	3.600	3.750	-	-	Machinists -----	3.500	3.650	-	-
Mosaic and terrazzo workers -----	3.325	3.450	-	-	Marble setters -----	3.300	3.505	10¢	-
Painters:					Mosaic and terrazzo workers -----	3.300	3.465	10¢	-
Commercial -----	2.880	3.100	-	-	Painters (including fresco) -----	3.150	3.415	10¢	5¢
Industrial -----	3.030	3.250	-	-	Spray gun, and structural steel -----	3.400	3.665	10¢	5¢
Residential -----	2.730	2.950	-	-	Swing stage -----	3.275	3.540	10¢	5¢
Paperhangers:					Paperhangers -----	3.150	3.415	10¢	5¢
Commercial -----	2.880	3.100	-	-	Pipefitters; refrigeration and				
Residential -----	2.730	2.950	-	-	sprinkler fitters -----	3.375	3.640	10¢	-
Pipefitters -----	3.500	3.650	7½¢	-	Plasterers -----	3.575	3.740	-	-
Plasterers -----	3.375	3.500	-	-	Plumbers -----	3.375	3.640	10¢	-
Plumbers -----	3.275	3.575	9¢	6¢	Rodmen -----	3.500	3.640	10¢	-
Rodmen -----	3.185	3.350	7½¢	-	Roofers, composition -----	3.575	3.740	-	-
Roofers, composition -----	3.100	3.300	-	-	Roofers, slate and tile -----	3.575	3.740	-	-
Roofers, slate and tile -----	3.330	3.530	-	-	Sheet-metal workers -----	3.500	3.740	-	-
Precast slab -----	3.430	3.630	-	-	Stonemasons -----	3.550	3.715	10¢	-
Sheet-metal workers -----	3.330	3.530	-	-	Structural-iron workers -----	3.500	3.640	10¢	-
Stonemasons -----	3.600	3.750	-	-	Sheeters -----	3.750	3.890	10¢	-
Structural-iron workers -----	3.350	3.500	7½¢	-	Sheeters, buckers-up -----	3.625	3.765	10¢	-
Tile layers -----	3.325	3.450	-	-	Tile layers -----	3.400	3.565	-	-
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>				
Building laborers -----	2.350	2.500	-	-	Bricklayers' tenders -----	2.825	3.000	-	-
Elevator constructors' helpers -----	2.315	2.425	6¢	-	Building laborers -----	2.825	3.000	-	-
Hod carriers -----	2.550	2.700	-	-	Elevator constructors' helpers -----	2.370	2.610	6¢	-
Marble setters' helpers -----	2.595	*2.645	-	-	Marble setters' helpers -----	2.775	2.950	-	-
Marble polishers -----	2.760	*2.810	-	-	Plasterers' laborers -----	2.825	3.000	-	-
Terrazzo workers' helpers -----	2.655	*2.680	-	-	Plumbers' laborers -----	2.950	3.125	-	-
Base grinders -----	3.075	*3.100	-	-	Terrazzo workers' helpers -----	2.775	3.000	-	-
Tile layers' helpers -----	2.545	*2.570	-	-	Machine operators -----	2.925	3.150	-	-
					Tile layers' helpers -----	2.725	2.900	-	-

See footnotes at end of table.

\* This rate in effect prior to July 1, 1957; new scale in negotiation at time of survey.







TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>DENVER, COLO. - Continued</b>					<b>DES MOINES, IOWA - Continued</b>				
<b>Helpers and laborers - Continued</b>					<b>Helpers and laborers - Continued</b>				
Plumbers' laborers:					Elevator constructors' helpers -----	\$2.210	\$2.380	6½¢	-
Drain layers -----	\$2.350	\$2.500	-	-	Marble setters' helpers -----	2.250	2.375	-	-
Pipelayers, over 6 inches -----	2.600	2.750	-	-	Plasterers' laborers -----	2.375	2.500	-	-
Terrazzo workers' helpers -----	2.150	2.450	-	-	Plumbers' laborers -----	2.320	2.450	-	-
Tile layers' helpers -----	2.150	2.450	-	-	Terrazzo workers' helpers -----	2.250	2.375	-	-
					Tile layers' helpers -----	2.250	2.375	-	-
<b>DES MOINES, IOWA</b>					<b>DETROIT, MICH.</b>				
<b>Journeyman</b>					<b>Journeyman</b>				
Asbestos workers -----	3.075	3.200	10¢	-	Asbestos workers -----	3.520	3.700	10¢	12¢
Boilermakers -----	3.100	3.250	7½¢	-	Home insulators -----	3.200	3.250	10¢	3%
Bricklayers -----	3.650	3.800	-	-	Boilermakers -----	3.400	3.625	7½¢	-
Carpenters -----	3.000	3.125	-	-	Bricklayers -----	3.530	3.530	10¢	3%
Cement finishers -----	3.050	3.175	-	-	Carpenters -----	3.200	3.250	10¢	3%
Electricians (inside wiremen) -----	3.200	3.425	7½¢	1%	Millwrights -----	3.370	3.520	10¢	-
Elevator constructors -----	3.160	3.400	6½¢	-	Cement finishers -----	3.000	3.050	10¢	3%
Engineers - Power equipment operators:					Electricians (inside wiremen) -----	3.500	3.650	7¢	1%
Building construction:					Elevator constructors -----	3.495	3.495	6¢	-
Heavy equipment:					Engineers - Power equipment operators:				
Cranes and shovels (over ¾ yard capacity) -----	3.100	3.250	-	-	Building construction:				
Paving mixers -----	3.100	3.250	-	-	Heavy equipment:				
Sideboom tractors -----	3.100	3.250	-	-	Cranes (on steel) -----	3.525	3.650	10¢	7½¢
Medium equipment:					Cranes (not on steel) -----	3.300	3.500	10¢	-
Single-drum hoists -----	2.900	3.025	-	-	Piledrivers (not on steel) -----	3.300	3.500	10¢	-
Compressors (over 250 cubic feet capacity) -----	2.900	3.025	-	-	Shovel combinations -----	3.300	3.500	10¢	-
Scoops and dozers -----	3.100	3.250	-	-	Medium equipment:				
Light equipment:					Bulldozers -----	3.300	3.500	10¢	-
Compressors (under 250 cubic feet capacity) -----	2.500	2.600	-	-	Derricks (on steel) -----	3.525	3.650	10¢	7½¢
Welding machines -----	2.500	2.600	-	-	Derricks (not on steel) -----	3.300	3.500	10¢	-
Glaziers -----	2.600	2.700	-	-	Light equipment:				
Lathers -----	3.100	3.225	-	-	Compressors (on steel) -----	3.525	3.650	10¢	7½¢
Machinists -----	3.150	3.250	-	-	Compressors (not on steel) -----	3.025	3.225	10¢	-
Marble setters -----	3.000	3.250	-	-	Hoists (on steel) -----	3.525	3.650	10¢	7½¢
Mosaic and terrazzo workers -----	3.000	3.250	-	-	Hoists (not on steel) -----	3.300	3.500	10¢	-
Painters -----	2.750	2.870	-	-	Heavy construction:				
Spray and swing stage -----	3.000	3.120	-	-	Heavy equipment:				
Paperhangers -----	2.750	2.870	-	-	Cranes (on steel) -----	3.525	3.650	10¢	7½¢
Pipefitters -----	3.250	3.425	12½¢	7½¢	Cranes (not on steel) -----	3.300	3.500	10¢	-
Plasterers -----	3.100	3.250	-	-	Piledrivers (not on steel) -----	3.300	3.500	10¢	-
Plumbers -----	3.250	3.425	12½¢	7½¢	Shovel combinations -----	3.300	3.500	10¢	-
Rodmen -----	3.050	3.150	7½¢	-	Medium equipment:				
Roofers, composition -----	2.530	2.650	-	-	Bulldozers -----	3.300	3.500	10¢	-
Roofers, slate and tile -----	2.530	2.650	-	-	Trench machines -----	3.300	3.500	10¢	-
Sheet-metal workers -----	3.000	3.100	7½¢	-	Light equipment:				
Stonemasons -----	3.650	3.800	-	-	Hoists (on steel) -----	3.525	3.650	10¢	7½¢
Structural-iron workers -----	3.050	3.150	7½¢	-	Hoists (not on steel) -----	3.300	3.500	10¢	-
Tile layers -----	3.000	3.250	-	-	Compressors (on steel) -----	3.525	3.650	10¢	7½¢
					Compressors (not on steel) -----	3.025	3.225	10¢	-
					Pumps -----	3.300	3.500	10¢	-
					Glaziers -----	2.900	3.000	-	-
					Lathers -----	3.350	3.470	10¢	10¢
					Marble setters -----	3.450	3.500	8¢	-
					Mosaic and terrazzo workers -----	3.350	3.580	8¢	-
					Painters -----	3.075	3.125	10¢	7½¢
					Spray and swing stage -----	3.325	3.375	10¢	7½¢
<b>Helpers and laborers</b>									
Bricklayers' tenders -----	2.250	2.375	-	-					
Mortar mixers -----	2.350	2.475	-	-					
Building laborers -----	2.250	2.375	-	-					

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>DETROIT, MICH. - Continued</b>					<b>ERIE, PA. - Continued</b>				
<u>Journeyman - Continued</u>					<u>Journeyman - Continued</u>				
Paperhangers .....	\$3.075	\$3.125	10¢	7½¢	Engineers - Power equipment operators: - Continued				
Pipefitters .....	3.455	3.635	7½¢	5¢	Heavy construction: - Continued				
Sprinkler fitters .....	3.500	3.600	7½¢	5¢	Medium equipment:				
Plasterers .....	3.510	3.580	10¢	10¢	Bulldozers .....	\$2.970	\$3.280	7½¢	-
Plumbers .....	3.455	3.635	7½¢	5¢	Compressors, hoists .....	2.720	3.010	7½¢	-
Rodmen .....	3.100	3.250	10¢	-	Light equipment:				
Roofers, composition and precast tile .....	3.360	3.510	12½¢	-	Rollers, pumps, welders .....	2.720	3.010	7½¢	-
Roofers, slate and tile .....	3.710	3.860	12½¢	-	Glaziers .....	2.500	2.750	-	-
Sheet-metal workers:					Lathers .....	3.550	3.650	7½¢	-
Agreement A .....	3.350	3.500	10¢	3%	Machinists .....	3.000	3.150	-	-
Agreement B .....	3.250	3.440	3%	3%	Marble setters, mosaic and terrazzo workers .....	3.150	3.480	-	-
Stonemasons .....	3.530	3.530	10¢	3%	Painters .....	2.700	2.880	-	-
Structural-iron workers .....	3.475	3.600	10¢	7½¢	Roller .....	2.800	2.980	-	-
Riggers .....	3.050	3.130	12½¢	10¢	Swing .....	2.810	2.990	-	-
Tile layers .....	3.350	3.580	8¢	-	Spray .....	3.085	3.260	-	-
					Structural iron .....	2.920	3.100	-	-
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>				
Bricklayers' tenders .....	2.450	2.580	10¢	-	Paperhangers .....	2.700	2.880	-	-
Mortar mixers .....	2.530	2.660	10¢	-	Pipefitters .....	3.100	3.400	10¢	-
Building laborers .....	2.450	2.580	10¢	-	Plasterers .....	3.250	3.400	-	-
Elevator constructors' helpers .....	2.445	2.445	6¢	-	Plumbers .....	3.100	3.400	10¢	-
Marble setters' helpers .....	2.750	2.800	8¢	-	Rodmen .....	3.475	3.575	10¢	-
Marble polishers and rubbers .....	2.850	2.900	8¢	-	Roofers .....	2.650	2.800	-	-
Plasterers' laborers .....	2.885	2.920	10¢	-	Sheet-metal workers .....	3.100	3.325	10¢	-
Terrazzo workers' helpers .....	2.800	3.000	8¢	-	Stonemasons .....	3.450	3.750	7½¢	-
Base-machine operators and dry grinders .....	3.190	3.390	8¢	-	Structural-iron workers .....	3.475	3.575	10¢	-
Tile layers' helpers .....	2.740	2.950	8¢	-	Tile layers .....	3.150	3.480	-	-
<b>ERIE, PA.</b>					<b>ERIE, PA.</b>				
<u>Journeyman</u>					<u>Helpers and laborers</u>				
Bricklayers .....	3.450	3.750	7½¢	-	Bricklayers' tenders .....	2.350	2.550	-	5¢
Carpenters .....	3.150	3.330	-	-	Hod carriers .....	2.450	2.650	-	5¢
Millwrights .....	3.350	3.520	-	-	Building laborers .....	2.250	2.450	-	5¢
Cement finishers .....	3.000	3.150	-	-	Elevator constructors' helpers .....	2.230	2.315	8¢	-
Electricians (inside wiremen) .....	3.250	3.375	7½¢	1%	Marble setters' helpers .....	2.425	2.600	-	-
Elevator constructors .....	3.185	3.305	8¢	-	Plasterers' laborers .....	2.450	2.650	-	5¢
Engineers - Power equipment operators:					Mortar mixers (hand) .....	(*)	2.750	-	5¢
Building construction:					Plumbers' laborers .....	2.350	2.550	-	5¢
Heavy equipment:					Terrazzo workers' helpers .....	2.475	2.650	-	-
Shovels, cranes, ditchers .....	3.500	3.600	7½¢	-	Grinders and polishers .....	2.525	2.700	-	-
Medium equipment:					Tile layers' helpers .....	2.425	2.600	-	-
Graders, bulldozers .....	2.975	3.125	7½¢	-					
Scoops (carryall) .....	3.075	3.225	7½¢	-	<b>GRAND RAPIDS, MICH.</b>				
Light equipment:					<u>Journeyman</u>				
Compressors, pumps .....	2.825	2.975	7½¢	-	Asbestos workers .....	3.380	3.480	10¢	10¢
Rollers .....	2.975	3.125	7½¢	-	Bricklayers .....	3.450	3.750	-	-
Heavy construction:					Carpenters .....	2.875	3.050	8¢	-
Heavy equipment:					Millwrights .....	3.200	3.550	8¢	-
Cranes, shovels .....	3.150	3.470	7½¢	-	Cement finishers .....	2.875	3.050	-	-
Carryall scoops .....	2.970	3.280	7½¢	-	Electricians (inside wiremen) .....	3.200	3.400	8¢	1%
					Elevator constructors .....	3.210	3.380	6¢	-

See footnotes at end of table.



TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>HOUSTON, TEX. - Continued</b>					<b>INDIANAPOLIS, IND. - Continued</b>				
<u>Helpers and laborers</u>					<u>Journeyman - Continued</u>				
Bricklayers' tenders -----	\$1.925	\$1.975	-	-	Paperhangers -----	\$3.000	\$3.200	-	-
Building laborers -----	1.750	1.800	-	-	Pipefitters -----	3.300	3.500	-	-
Elevator constructors' helpers -----	2.270	2.345	6½¢	-	Plasterers -----	3.350	3.450	-	-
Marble setters' helpers -----	1.875	1.875	-	-	Plumbers -----	3.300	3.500	-	-
Terrazzo workers' helpers -----	1.875	1.875	-	-	Rodmen -----	3.275	3.400	7½¢	-
Plasterers' laborers -----	2.025	2.075	-	-	Roofers, composition -----	2.660	2.835	-	-
Machine operators -----	2.175	2.175	-	-	Roofers, slate and tile -----	2.910	3.085	-	-
Tile layers' helpers -----	1.875	1.875	-	-	Sheet-metal workers -----	3.240	3.300	-	-
					Stonemasons -----	3.625	3.800	-	-
					Structural-iron workers -----	3.275	3.400	7½¢	-
					Tile layers -----	3.375	3.550	-	-
<b>INDIANAPOLIS, IND.</b>					<u>Helpers and laborers</u>				
<u>Journeyman</u>					Bricklayers' tenders -----				
Asbestos workers -----	3.300	3.500	-	-	Building laborers -----	2.370	2.470	7½¢	-
Boilermakers -----	3.400	3.550	7½¢	-	Concrete breakers -----	2.200	2.300	7½¢	-
Bricklayers -----	3.625	3.800	-	-	Composition roofers' helpers -----	2.350	2.450	7½¢	-
Carpenters - Commercial -----	3.225	3.350	-	-	Elevator constructors' helpers -----	2.210	2.385	-	-
Residential -----	2.875	3.000	-	-	Marble setters' helpers:	2.260	2.480	6½¢	-
Cement finishers -----	3.000	3.175	-	-	First 3 months -----	1.850	1.850	-	-
Electricians (inside wiremen) -----	3.350	3.550	1%	1%	After 3 months -----	2.200	2.425	-	-
Elevator constructors -----	3.230	3.540	6½¢	-	Plasterers' laborers -----	2.370	2.470	7½¢	-
Engineers - Power equipment operators:					Plumbers' laborers -----	2.200	2.300	7½¢	-
Building construction:					Terrazzo workers' helpers -----	2.450	2.550	-	-
Heavy equipment:					Base-machine operators -----	2.850	3.000	-	-
Cranes -----	3.280	3.430	-	-	Tile layers' helpers:				
Derricks - Bull wheels -----	3.530	3.680	-	-	First 3 months -----	1.850	1.850	-	-
Hoists -----	3.180	3.330	-	-	After 3 months -----	2.200	2.425	-	-
Medium equipment:					<b>JACKSONVILLE, FLA.</b>				
Concrete mixers (21 cubic feet) -----	3.130	3.280	-	-	<u>Journeyman</u>				
Concrete pumps -----	3.180	3.330	-	-	Asbestos workers -----	3.050	3.225	-	-
Tractor shovels -----	3.180	3.330	-	-	Boilermakers -----	3.100	3.250	7½¢	-
Light equipment:					Bricklayers -----	3.100	3.250	-	-
Air compressors -----	2.430	2.430	-	-	Carpenters -----	2.600	2.750	-	-
Pumps - Water -----	2.430	2.430	-	-	Floorlayers -----	2.750	3.000	-	-
Welding machines -----	2.430	2.430	-	-	Millwrights -----	2.875	3.150	-	-
Heavy construction:					Cement finishers -----	2.275	2.420	-	-
Heavy equipment:					Electricians (inside wiremen) -----	3.200	3.350	-	1%
Auto patrols -----	3.150	3.300	-	-	Elevator constructors -----	2.990	3.085	6¢	-
Cranes -----	3.250	3.400	-	-	Engineers - Power equipment operators:				
Scoops -----	3.150	3.300	-	-	Air compressors -----	1.840	2.000	-	-
Medium equipment:					Bulldozers, D-6 and larger -----	2.090	2.410	-	-
Bulldozers -----	3.150	3.300	-	-	Cranes (erecting steel) -----	2.810	2.950	-	-
Rollers (asphalt) -----	3.150	3.300	-	-	Derricks, draglines, piledrivers -----	2.500	2.750	-	-
Trench machines -----	3.150	3.300	-	-	Finishing machines -----	2.090	2.550	-	-
Light equipment:					Graders, motor patrol -----	2.250	2.500	-	-
Compressors -----	2.400	2.400	-	-	Hoists -----	2.500	2.650	-	-
Pumps -----	2.400	2.400	-	-	Mixers:				
Tractors -----	2.800	2.950	-	-	Under 15 cubic feet -----	2.090	2.300	-	-
Glaziers -----	3.170	3.320	-	-	Over 15 cubic feet -----	2.500	2.750	-	-
Lathers (wood, wire and metal) -----	3.225	3.350	-	-	Pumps -----	1.840	2.000	-	-
Marble setters -----	3.375	3.550	-	-					
Mosaic and terrazzo workers -----	3.350	3.500	-	-					
Painters -----	3.000	3.200	-	-					
Spray -----	3.300	3.500	-	-					

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>JACKSONVILLE, FLA. - Continued</b>					<b>KANSAS CITY, MO. - Continued</b>				
<u>Journeyman - Continued</u>					<u>Journeyman - Continued</u>				
<b>Engineers - Power equipment operators: - Continued</b>					<b>Engineers - Power equipment operators: - Continued</b>				
<b>Building construction: - Continued</b>					<b>Building construction: - Continued</b>				
<b>Medium equipment:</b>					<b>Medium equipment:</b>				
Rollers -----	\$2.000	\$2.050	-	-	Concrete mixers -----	\$2.850	\$2.975	-	-
Scrapers -----	2.090	2.410	-	-	Hoists (single drum) -----	2.850	2.975	-	-
Shovels -----	2.500	2.750	-	-	Shovels, tractors, hi-lift front end -----	2.850	2.975	-	-
Tractors -----	2.090	2.300	-	-	<b>Light equipment:</b>				
Trench machines -----	2.500	2.300	-	-	Firemen -----	2.410	2.585	-	-
Glaziers -----	2.375	2.475	-	-	Oilers and greasers -----	2.300	2.425	-	-
Lathers -----	2.875	2.950	-	-	Tractors, less than 50 horsepower -----	2.300	2.425	-	-
Marble setters -----	2.800	3.000	-	-	<b>Heavy construction:</b>				
Mosaic and terrazzo workers -----	2.800	3.000	-	-	<b>Heavy equipment:</b>				
Painters -----	2.375	2.525	-	-	Draglines and shovels -----	3.050	3.225	-	-
Structural steel erected -----	2.515	2.800	-	-	Dredges, steam, gas, electric, Diesel -----	3.050	3.225	-	-
Spray -----	2.785	2.935	-	-	Piledrivers, land and float -----	3.050	3.225	-	-
Swing stage -----	2.650	2.800	-	-	<b>Medium equipment:</b>				
Paperhangers (furnishing handtools) -----	2.625	2.775	-	-	Ditch machines -----	3.050	3.225	-	-
Pipefitters -----	3.200	3.250	10¢	-	Patrol blades -----	2.850	2.975	-	-
Plasterers -----	2.800	2.950	-	-	Tractors, over 50 horsepower -----	2.850	2.975	-	-
Plumbers -----	3.200	3.250	10¢	-	<b>Light equipment:</b>				
Rodmen -----	2.550	3.000	-	-	Firemen -----	2.450	2.585	-	-
Roofers, composition -----	2.450	*2.450	-	-	Oilers and greasers -----	2.215	2.425	-	-
Roofers, slate and tile -----	2.450	*2.450	-	-	Tractors, less than 50 horsepower -----	2.215	2.425	-	-
Sheet-metal workers -----	2.800	3.050	-	-	Glaziers -----	3.000	3.025	-	-
Stonemasons -----	3.100	3.250	-	-	Lathers -----	3.125	3.250	-	-
Structural- and ornamental-iron workers -----	2.810	3.200	-	-	Machinists -----	2.900	3.250	-	-
Tile layers -----	2.800	3.000	-	-	Marble setters -----	3.300	3.363	12½¢	-
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>				
Bricklayers' tenders -----	1.250	1.520	-	-	Mosaic and terrazzo workers -----	3.425	3.425	12½¢	-
Mortar mixers -----	1.250	1.520	-	-	Painters -----	2.900	3.075	-	-
Building laborers -----	1.150	1.200	-	-	Paperhangers -----	2.900	3.075	-	-
Elevator constructors' helpers -----	2.090	2.160	6¢	-	Pipefitters and sprinkler fitters -----	3.150	3.400	7½¢	-
Plasterers' laborers -----	1.250	1.520	-	-	Plasterers -----	3.375	3.500	-	-
<b>KANSAS CITY, MO.</b>					<b>KANSAS CITY, MO.</b>				
<u>Journeyman</u>					<u>Journeyman</u>				
Asbestos workers -----	3.200	3.375	7½¢	-	Plumbers -----	3.300	3.400	7½¢	-
Boilermakers -----	3.100	3.250	7½¢	-	Rodmen -----	2.925	3.050	-	-
Bricklayers -----	3.700	3.750	-	-	Roofers, composition -----	2.800	2.900	-	-
Carpenters -----	2.900	3.125	-	-	Roofers, slate and tile -----	2.800	2.900	-	-
Cement finishers -----	2.950	3.125	-	-	Sheet-metal workers -----	3.200	3.350	7½¢	-
Composition -----	3.075	3.250	-	-	Stonemasons -----	3.375	3.425	-	-
Electricians (inside wiremen) -----	3.200	3.325	10¢	1%	Structural-iron workers -----	3.075	3.200	-	-
Elevator constructors -----	3.280	3.350	6½¢	-	Tile layers -----	3.425	3.425	12½¢	-
<b>Engineers - Power equipment operators:</b>					<u>Helpers and laborers</u>				
<b>Building construction:</b>					Bricklayers' tenders -----	2.350	2.450	-	-
<b>Heavy equipment:</b>					Building laborers -----	2.155	2.255	-	-
Cranes -----	3.095	3.220	-	-	Elevator constructors' helpers -----	2.300	2.350	6½¢	-
Hoists (2 drums or more) -----	3.095	3.220	-	-	Marble setters' helpers -----	2.210	2.330	-	-
Shovels, power -----	3.095	3.220	-	-	Plasterers' laborers -----	2.350	2.450	-	-
					Plumbers' laborers -----	2.250	2.350	-	-
					Terrazzo workers' helpers -----	2.250	2.375	-	-
					Base-machine operators -----	2.600	2.725	-	-
					Tile layers' helpers -----	2.210	2.330	-	-

See footnotes at end of table.

\* This rate in effect prior to July 1, 1957; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>KNOXVILLE, TENN.</b>					<b>KNOXVILLE, TENN. - Continued</b>				
<u>Journeyman</u>					<u>Helpers and laborers</u>				
Asbestos workers -----	\$3.050	\$3.200	7½¢	-	Building laborers -----	\$1.625	\$1.775	-	-
Boilermakers -----	3.100	3.250	7½¢	-	Composition roofers <sup>1</sup> helpers -----	1.630	1.780	-	-
Bricklayers -----	3.350	3.600	-	-	Elevator constructors <sup>1</sup> helpers -----	2.100	2.160	6¢	-
Carpenters -----	2.725	2.875	-	-	Plasterers <sup>1</sup> laborers -----	1.675	1.825	-	-
Millwrights -----	2.875	3.025	-	-	Hod carriers -----	1.725	1.875	-	-
Piledrivers -----	2.975	3.125	-	-	Mortar mixers -----	1.675	1.825	-	-
Cement finishers -----	2.605	2.755	-	-	<b>LITTLE ROCK, ARK.</b>				
Electricians (inside wiremen) -----	3.000	3.150	-	1%	<u>Journeyman</u>				
Elevator constructors -----	3.000	3.085	6¢	-	Asbestos workers -----	3.100	3.200	-	-
Engineers - Power equipment operators:					Boilermakers -----	3.100	3.250	7½¢	-
Building construction:					Bricklayers -----	3.400	3.500	-	-
Heavy equipment:					Carpenters -----	2.750	2.850	-	-
Cranes, overhead, electric -----	2.825	2.975	-	-	Millwrights, piledrivers -----	3.000	3.100	-	-
Hoists, 2 drums -----	2.825	2.975	-	-	Cement finishers -----	2.550	2.750	-	-
Tractors, side boom -----	2.825	2.975	-	-	Electricians (inside wiremen):				
Winch trucks, "A" frame -----	2.825	2.975	-	-	Job under \$5,000 -----	2.875	*2.875	-	1%
Medium equipment:					Job over \$5,000 -----	3.000	*3.000	-	1%
Bulldozers -----	2.575	2.725	-	-	Elevator constructors -----	3.040	3.140	6¢	-
Paving machines -----	2.575	2.725	-	-	Engineers - Power equipment operators:				
Light equipment:					Air compressors:				
Compressors, portable -----	2.200	2.350	-	-	1 pump -----	1.850	1.900	-	-
Finishing machines -----	2.200	2.350	-	-	2 pumps -----	2.100	2.250	-	-
Pumps, over 2 inches -----	2.200	2.350	-	-	Bulldozers -----	2.550	2.750	-	-
Heavy construction:					Cranes and draglines -----	2.800	2.950	-	-
Heavy equipment:					Derricks -----	2.800	2.950	-	-
Cranes, derricks, draglines -----	2.825	2.975	-	-	Graders:				
Piledrivers -----	2.825	2.975	-	-	Blade -----	2.300	2.450	-	-
Shovels, power -----	2.825	2.975	-	-	Elevating -----	2.550	2.750	-	-
Medium equipment:					Hoists:				
Central compressor plants -----	2.575	2.725	-	-	1 drum -----	2.300	2.450	-	-
Central mixing plants -----	2.575	2.725	-	-	2 or more drums -----	2.550	2.750	-	-
Hi-lifts -----	2.575	2.725	-	-	Locomotives -----	2.550	2.750	-	-
Light equipment:					Mixers:				
Core drills -----	2.200	2.350	-	-	Less than 10S -----	2.300	2.450	-	-
Loaders, Barber Green type -----	2.200	2.350	-	-	10S or larger -----	2.550	2.750	-	-
Glaziers -----	2.200	2.300	-	-	Pumps -----	2.100	2.250	-	-
Lathers -----	2.850	2.900	-	-	Rollers -----	2.300	2.450	-	-
Marble setters -----	3.350	3.600	-	-	Shovels -----	2.800	2.950	-	-
Mosaic and terrazzo workers -----	3.350	3.600	-	-	Trench machines -----	2.550	2.750	-	-
Painters -----	2.500	2.600	-	-	Glaziers -----	2.313	2.500	-	-
Spray (on wood) -----	2.750	2.850	-	-	Lathers -----	3.065	3.190	-	-
Structural steel (brush) -----	2.850	2.950	-	-	Marble setters -----	2.950	2.950	-	-
Swing stage -----	2.850	2.950	-	-	Mosaic and terrazzo workers -----	2.950	2.950	-	-
Spray (on steel) -----	3.100	3.200	-	-	Painters -----	2.313	2.500	-	-
Pipefitters -----	3.080	3.300	-	-	Spray -----	3.013	3.200	-	-
Plasterers -----	3.000	3.125	-	-	Structural steel, swing stage -----	2.563	2.750	-	-
Plumbers -----	3.080	3.300	-	-	Paperhangers -----	2.313	2.500	-	-
Rodmen -----	2.885	3.000	-	-	Pipefitters -----	3.080	3.130	-	-
Roofers, composition -----	2.230	2.380	-	-	Plasterers -----	3.065	3.190	-	-
Roofers, slate and tile -----	2.280	2.430	-	-	Plumbers -----	3.080	3.130	-	-
Sheet-metal workers -----	3.000	3.050	7½¢	-	Rodmen -----	2.700	2.850	-	-
Structural-iron workers -----	2.985	3.100	-	-	Roofers, composition -----	2.050	2.150	-	-
Tile layers -----	3.350	3.600	-	-	Roofers, slate and tile -----	2.300	2.400	-	-

See footnotes at end of table.

\* This rate in effect prior to July 1, 1957; new scale in negotiation at time of survey.



TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>LITTLE ROCK, ARK. - Continued</b>					<b>LOS ANGELES, CALIF. - Continued</b>				
<u>Journeyman - Continued</u>					<u>Journeyman - Continued</u>				
Sheet-metal workers -----	\$2.600	\$2.850	-	-	Engineers - Power equipment operators: - Continued				
Stonemasons -----	3.400	3.500	-	-	Heavy construction: - Continued				
Structural- and ornamental-iron workers -----	2.850	2.950	-	-	Medium equipment:				
Tile layers -----	2.950	2.950	-	-	Motor patrols, including power blades -----	\$3.210	\$3.560	10¢	1%
<u>Helpers and laborers</u>					Concrete and mobile mixers -----	3.300	3.560	10¢	1%
Bricklayers' tenders -----	1.500	1.650	-	-	Light equipment:				
Hod carriers -----	1.500	1.650	-	-	Air compressors -----	2.540	2.740	10¢	1%
Mortar mixers -----	1.500	1.650	-	-	Skip loaders (wheel type) -----	2.950	3.470	10¢	1%
Building laborers -----	1.250	1.400	-	-	Skip loaders (Hough or similar) -----	3.050	3.560	10¢	1%
Elevator constructors' helpers -----	2.130	2.200	6¢	-	Glaziers -----	2.885	3.065	7½¢	-
Plasterers' laborers -----	1.500	1.650	-	-	Lathers -----	3.625	3.750	11¼¢	-
Plumbers' laborers -----	1.250	1.400	-	-	Machinists -----	3.250	3.350	-	-
<b>LOS ANGELES, CALIF.</b>					Marble setters -----	3.100	3.425	3½¢	-
<u>Journeyman</u>					Mosaic and terrazzo workers -----	3.320	*3.320	-	-
Asbestos workers -----	3.250	3.350	10¢	-	Painters -----	*3.010	*3.160	9¢	-
Home insulators -----	3.000	3.150	10¢	-	Spray -----	*3.260	*3.510	9¢	-
Boilermakers -----	3.275	3.450	7½¢	-	Swing stage, brush -----	*3.130	*3.280	9¢	-
Bricklayers -----	3.800	3.800	8¢	-	Swing stage, spray -----	*3.380	*3.430	9¢	-
Carpenters -----	3.000	3.225	10¢	-	Paperhangers -----	*3.130	*3.410	9¢	-
Millwrights, parquetry floor layers	3.200	3.425	10¢	-	Pipefitters -----	3.425	3.550	10¢	-
Wharf and bridge, shinglers, and piledrivers -----	3.130	3.355	10¢	-	Refrigeration fitters -----	3.200	3.350	10¢	-
Cement finishers -----	2.925	3.150	10¢	-	Sprinkler fitters -----	3.600	3.600	7½%	-
Composition and mastic -----	3.045	3.275	10¢	-	Plasterers -----	3.625	3.750	15¢	-
Electricians (inside wiremen) -----	3.600	3.900	-	1%	Plumbers -----	3.525	3.700	10¢	-
Elevator constructors -----	3.470	3.620	6¢	-	Rodmen -----	3.000	3.150	10¢	-
Engineers - Power equipment operators:					Roofers -----	2.850	3.000	8½¢	-
Building construction:					Sheet-metal workers -----	3.240	3.240	9¢	-
Heavy equipment:					Stonemasons -----	3.800	3.800	8¢	-
Universal equipment (shovels, draglines, derricks, derrick-barges, clamshells, or cranes) -----	3.300	3.560	10¢	1%	Structural-iron workers -----	3.250	3.400	10¢	-
Piledrivers -----	3.300	3.560	10¢	1%	Finishers -----	3.250	3.400	10¢	-
Tractors (bulldozers, tampers, scrapers, or drag-type shovels) -----	3.050	3.470	10¢	1%	Tile layers -----	3.260	3.360	2½%	-
Medium equipment:					<u>Helpers and laborers</u>				
A-Frame boom trucks -----	3.050	3.190	10¢	1%	Bricklayers' tenders -----	2.625	2.750	7½¢	-
Motor patrols, including power blades -----	3.210	3.560	10¢	1%	Building laborers -----	2.300	2.500	7½¢	-
Light equipment:					Composition roofers' helpers -----	2.100	2.220	8½¢	-
Air compressors -----	2.540	2.740	10¢	1%	Elevator constructors' helpers -----	2.430	2.530	6¢	-
Concrete mixers (skip type) -----	2.740	2.960	10¢	1%	Marble setters' helpers -----	2.415	*2.415	2½%	-
Heavy construction:					Plasterers' laborers -----	3.375	3.688	10¢	-
Heavy equipment:					Terrazzo workers' helpers -----	2.700	2.850	-	-
Universal equipment (shovels, draglines, derrick-barges, clamshells, or cranes) -----	3.300	3.560	10¢	1%	Base-machine operators -----	2.965	3.115	-	-
Tractors (bulldozers, tampers, scrapers, or drag-type shovels) -----	3.050	3.470	10¢	1%	Tile layers' helpers -----	2.445	2.520	2½%	-
<b>LOUISVILLE, KY.</b>					<u>Journeyman</u>				
					Asbestos workers -----	3.225	3.325	-	-
					Boilermakers -----	3.150	3.300	7½¢	-
					Bricklayers -----	3.575	3.750	-	-
					Carpenters -----	3.000	3.300	-	-
					Millwrights -----	3.275	3.425	-	-

See footnotes at end of table.

\* This rate in effect prior to July 1, 1957; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>LOUISVILLE, KY. - Continued</b>					<b>MEMPHIS, TENN.</b>				
<b>Journeyman - Continued</b>					<b>Journeyman</b>				
Cement finishers -----	\$3.000	\$3.300	-	-	Asbestos workers -----	\$3.125	\$3.250	7½¢	-
On scaffold -----	3.250	3.550	-	-	Boilermakers -----	3.100	3.250	7½¢	-
Electricians (inside wiremen) and fixture hangers -----	3.300	3.450	7½¢	1%	Bricklayers -----	3.750	3.750	-	-
Elevator constructors -----	3.220	3.350	6¢	-	Carpenters -----	2.550	2.800	-	-
Engineers - Power equipment operators:					Cement finishers -----	2.550	2.675	-	-
Building construction:					Machine operators -----	2.800	2.925	-	-
Heavy equipment:					Electricians (inside wiremen) -----	3.000	3.150	7½¢	1%
Cranes, hoists, shovels -----	3.150	3.275	-	-	Elevator constructors -----	3.050	3.230	6½¢	-
Medium equipment:					Engineers - Power equipment operators:				
Bulldozers -----	3.150	3.275	-	-	Air compressors:				
Compressors, mixers -----	2.650	2.775	-	-	Portable -----	1.950	2.075	-	-
Light equipment:					Stationary -----	2.200	2.325	-	-
Firemen -----	2.650	2.775	-	-	Bulldozers -----	2.450	2.575	-	-
Oilers -----	2.300	2.425	-	-	Cranes, derricks, draglines (with boom), piledrivers, rig operators -----	2.700	2.825	-	-
Pumps -----	2.300	2.425	-	-	Derricks (no boom) -----	2.325	2.450	-	-
Heavy construction:					Graders (motor) -----	2.450	2.575	-	-
Heavy equipment:					Hoists:				
Bulldozers, cranes, scoops -----	3.150	3.275	-	-	1 drum -----	2.200	2.325	-	-
Medium equipment:					2 or more drums -----	2.450	2.575	-	-
Compressors -----	2.650	2.775	-	-	Locomotives -----	2.450	2.575	-	-
Derricks, tractors -----	3.150	3.275	-	-	Mixers:				
Light equipment:					115 or smaller -----	1.950	2.075	-	-
Firemen -----	2.650	2.775	-	-	Larger than 115 -----	2.450	2.575	-	-
Oilers -----	2.300	2.425	-	-	Mobilizers -----	2.575	2.700	-	-
Pumps -----	2.300	2.425	-	-	Pumps:				
Glaziers -----	2.700	2.825	-	-	Under 4-inch discharge -----	1.700	1.825	-	-
Lathers -----	3.125	3.275	-	-	4-inch discharge and larger, on excavation -----	1.950	2.075	-	-
Machinists -----	3.300	3.465	-	-	Rollers, sheepfoot -----	2.325	2.450	-	-
Marble setters -----	3.000	3.400	-	-	Scrapers -----	2.450	2.575	-	-
Mosaic and terrazzo workers -----	3.000	3.400	-	-	Shovels -----	2.700	2.825	-	-
Painters -----	2.800	2.900	-	-	Tractor trucks (Lynn and Euclid) -----	1.950	2.075	-	-
Spray, stage, structural steel -----	3.150	3.250	-	-	Tractors:				
Paperhangers -----	2.250	2.250	-	-	40 horsepower or less -----	2.075	2.200	-	-
Pipefitters -----	3.175	3.300	7½¢	-	Over 40 horsepower -----	2.200	2.575	-	-
Plasterers -----	3.300	3.400	-	-	Trench machines:				
Plumbers -----	3.175	3.300	7½¢	-	Under 18 inches -----	2.450	2.575	-	-
Rodmen -----	3.175	3.300	7½¢	-	Over 18 inches -----	2.700	2.825	-	-
Roofers, composition -----	2.450	2.600	-	-	Glaziers -----	2.350	2.500	-	-
Roofers, slate and tile -----	3.075	3.275	-	-	Lathers:				
Sheet-metal workers -----	3.075	3.275	7½¢	-	Metal and wire -----	3.000	3.000	-	-
Stonemasons -----	3.575	3.750	-	-	Wood and rock -----	2.500	2.500	-	-
Structural-iron workers, ornamental finishers -----	3.175	3.300	7½¢	-	Marble setters -----	3.050	3.175	-	-
Tile layers -----	3.000	3.400	-	-	Mosaic and terrazzo workers -----	3.050	3.175	-	-
					Painters -----	2.563	2.720	-	-
					Spray, structural steel and swing stage -----	2.688	2.845	-	-
<b>Helpers and laborers</b>					Paperhangers -----	2.563	2.720	-	-
Bricklayers' tenders -----	2.380	2.500	-	-	Pipefitters -----	3.125	3.245	-	-
Building laborers -----	2.000	2.130	-	-	Plasterers -----	3.000	3.250	-	-
Elevator constructors' helpers -----	2.250	2.345	6¢	-	Plumbers -----	3.125	3.245	-	-
Marble setters' helpers -----	2.100	2.250	-	-	Rodmen -----	2.625	2.800	-	-
Plasterers' laborers -----	2.380	2.500	-	-	Roofers, composition -----	2.150	2.250	-	-
Terrazzo workers' helpers -----	2.100	2.250	-	-					
Base grinders -----	2.300	2.500	-	-					
Flat grinders -----	2.100	2.300	-	-					
Tile layers' helpers -----	2.100	2.250	-	-					

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>MEMPHIS, TENN. - Continued</b>					<b>MILWAUKEE, WIS. - Continued</b>				
<u>Journeyman - Continued</u>					<u>Journeyman - Continued</u>				
Roofers, slate and tile -----	\$2.475	\$2.575	-	-	Engineers - Power equipment operators - Continued				
Sheet-metal workers -----	2.875	3.000	-	-	Heavy construction: - Continued				
Stonemasons -----	3.750	3.750	-	-	Medium equipment:				
Structural- and ornamental-iron workers -----	2.775	2.900	-	-	Tractors or bulldozers:				
Tile layers -----	3.050	3.175	-	-	Under 40 horsepower -----	\$2.975	\$3.105	7¢	-
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>				
Bricklayers' tenders -----	1.750	1.750	-	-	Over 40 horsepower -----	3.140	3.270	7¢	-
Building laborers -----	1.400	1.525	-	-	Mixers -----	2.920	3.050	7¢	-
Composition roofers' helpers -----	1.400	1.525	-	-	Mixers, when pavers are used -----	3.140	3.270	7¢	-
Elevator constructors' helpers -----	2.135	2.260	6½¢	-	Scrapers -----	3.140	3.270	7¢	-
Plasterers' tenders -----	1.750	1.750	-	-	Light equipment:				
Plumbers' laborers -----	1.400	1.525	-	-	Air compressors -----	2.810	2.940	7¢	-
<b>MILWAUKEE, WIS.</b>					Pumps -----				
<u>Journeyman</u>					2.645				
Asbestos workers -----	3.210	3.360	7¢	-	Helpers and oilers -----	2.645	2.775	7¢	-
Boilermakers -----	3.100	3.250	7½¢	-	Glaziers -----	2.770	3.000	-	-
Bricklayers -----	3.400	3.550	7¢	-	Lathers -----	3.210	3.310	7¢	-
Carpenters -----	3.150	3.300	7¢	-	Machinists -----	3.150	3.300	-	-
Wharf and bridge -----	3.165	3.300	7¢	-	Marble setters -----	3.260	3.410	7¢	-
Millwrights -----	3.150	3.300	7¢	-	Mosaic and terrazzo workers -----	3.310	3.460	7¢	-
Cement finishers -----	2.880	3.030	7¢	-	Painters -----	2.750	3.000	7¢	-
Machine work -----	2.990	3.140	7¢	-	Swing stage to 80 feet -----	2.900	3.150	7¢	-
Mastic, marbelette and composition floors and roofs -----	2.990	3.140	7¢	-	Swing stage 80 feet or over -----	3.000	3.250	7¢	-
Electricians (inside wiremen) -----	3.050	3.200	10¢	1%	Spray -----	2.875	3.250	7¢	-
Elevator constructors -----	3.090	3.230	6½¢	-	Structural steel -----	3.000	3.250	7¢	-
Engineers - Power equipment operators:					Pipefitters -----	3.210	3.360	7¢	-
Building construction:					Plasterers -----	3.210	3.310	7¢	-
Heavy equipment:					Plumbers -----	3.210	3.360	7¢	-
Cranes, shovels, draglines -----	3.305	3.435	7¢	-	Rodmen -----	3.170	3.320	7¢	-
Trench machines -----	3.305	3.435	7¢	-	Roofers, composition -----	2.900	3.050	8¢	-
Derricks -----	3.305	3.435	7¢	-	Mastic spreaders -----	3.100	3.250	8¢	-
Medium equipment:					Roofers, slate and tile -----	3.050	3.200	8¢	-
Tractors or bulldozers:					Sheet-metal workers -----	3.050	3.150	7¢	10¢
Under 40 horsepower -----	2.920	3.050	7¢	-	Sprinkler fitters -----	3.100	3.300	7¢	5¢
Over 40 horsepower -----	3.140	3.270	7¢	-	Stonemasons -----	3.400	3.550	7¢	-
Mixers -----	2.920	3.050	7¢	-	Structural-iron workers -----	3.170	3.320	7¢	-
Mixers, when pavers are used -----	3.140	3.270	7¢	-	Tile layers -----	3.150	3.250	7¢	-
Hi-lifts -----	3.140	3.270	7¢	-	<u>Helpers and laborers</u>				
Light equipment:					Bricklayers' tenders -----	2.485	2.630	7¢	-
Firemen -----	2.590	2.720	7¢	-	Building laborers -----	2.375	2.520	7¢	-
Pumps -----	2.645	2.775	7¢	-	Composition roofers' helpers -----	2.130	2.230	8¢	-
Air compressors -----	2.810	2.940	7¢	-	Elevator constructors' helpers -----	2.160	2.260	6½¢	-
Heavy construction:					Marble setters' helpers -----	2.370	*2.370	7¢	-
Heavy equipment:					Mosaic and terrazzo workers' helpers -----	2.590	2.740	7¢	-
Shovels, cranes, draglines, trench machines -----	3.305	3.435	7¢	-	Base-machine operators -----	2.760	2.910	7¢	-
					Plasterers' tenders -----	2.630	2.730	7¢	-
					Plumbers' helpers:				
					First man -----	2.680	2.830	7¢	-
					Second man -----	2.570	2.720	7¢	-
					Tile layers' helpers -----	2.420	2.540	7¢	-

See footnotes at end of table.

\* This rate in effect prior to July 1, 1957; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>a</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>a</sup>	Pension
<b>MINNEAPOLIS-ST. PAUL, MINN.</b>					<b>MINNEAPOLIS-ST. PAUL, MINN. - Continued</b>				
(Scales are the same for both cities unless otherwise indicated)					<u>Journeyman - Continued</u>				
<u>Journeyman</u>									
Asbestos workers -----	\$3.025	\$3.240	7½¢	-	Plasterers:				
Boilermakers -----	3.100	3.250	7½¢	-	Minneapolis -----	\$3.050	\$3.250	10¢	-
Bricklayers -----	3.425	3.575	-	-	St. Paul -----	3.150	3.250	10¢	-
Carpenters, millwrights -----	3.000	3.150	-	-	Plumbers -----	3.000	3.215	10¢	-
Cement finishers:					Rodmen -----	3.070	3.220	-	-
Minneapolis -----	3.100	3.250	-	-	Roofers (composition, slate and tile) -----	2.850	3.000	-	-
Composition floor -----	3.350	3.500	-	-	Sheet-metal workers:				
St. Paul -----	3.100	3.250	-	-	Minneapolis -----	3.075	3.125	7½¢	-
Electricians (inside wiremen):					St. Paul -----	3.000	3.000	10¢	10¢
Minneapolis -----	3.120	3.250	3%	1%	Stonemasons -----	3.425	3.575	-	-
St. Paul -----	3.120	3.250	9.8¢	1%	Structural-iron workers and finishers -----	3.170	3.320	-	-
Elevator constructors -----	3.150	3.320	6¢	-	Tile layers -----	2.950	3.020	9¢	-
Engineers - Power equipment operators:									
Building construction:					<u>Helpers and laborers</u>				
Heavy equipment:					Bricklayers' tenders:				
Cranes, shovels, derricks -----	3.170	3.320	-	-	Minneapolis -----	2.250	2.400	-	-
Pumpcretes -----	3.060	3.210	-	-	St. Paul -----	2.250	2.400	-	-
Medium equipment:					Mortar mixers -----	2.380	2.530	-	-
Hoists -----	2.950	3.100	-	-	Building laborers:				
Mixers, concrete over 16S -----	2.950	3.100	-	-	Minneapolis -----	2.250	2.400	-	-
Mixers, concrete 16S and under -----	2.730	2.880	-	-	St. Paul -----	2.250	2.400	-	-
Welders, mechanics -----	2.950	3.100	-	-	Elevator constructors' helpers -----	2.205	2.320	6¢	-
Light equipment:					Marble setters' helpers -----	2.200	2.250	9¢	-
Compressors -----	2.620	2.770	-	-	Plasterers' tenders:				
Firemen, temporary heat -----	2.620	2.770	-	-	Minneapolis -----	2.520	2.720	10¢	-
Oilers -----	2.340	2.490	-	-	St. Paul -----	2.520	2.670	10¢	-
Heavy construction:					Plumbers' laborers:				
Heavy equipment:					Minneapolis:				
Derricks -----	3.070	3.220	-	-	First 3 years -----	2.450	2.600	-	-
Dredges -----	3.070	3.220	-	-	After 3 years -----	2.650	2.800	-	-
Shovels, cranes -----	3.070	3.220	-	-	St. Paul -----	2.500	2.650	-	-
Medium equipment:					Terrazzo workers' helpers -----	2.250	2.390	-	-
Bulldozers, scrapers -----	2.850	3.000	-	-	Base-machine operators -----	2.550	2.690	-	-
Graders, motor patrols (finishing) -----	2.850	3.100	-	-	Tile layers' helpers -----	2.200	2.250	9¢	-
Welders, mechanics -----	2.850	3.000	-	-					
Light equipment:					<b>NEWARK, N. J.</b>				
Loaders, Barber Green -----	2.630	2.780	-	-	<u>Journeyman</u>				
Pumps, compressors -----	2.520	2.670	-	-	Asbestos workers -----	3.500	3.750	20¢	-
Glaziers -----	2.560	2.660	-	-	Home insulators -----	2.550	2.550	-	-
Lathers:					Boilermakers -----	3.900	4.460	4%	1%
Minneapolis -----	3.050	3.250	10¢	-	Bricklayers -----	4.000	4.250	4%	-
St. Paul -----	3.050	3.100	10¢	-	Carpenters -----	3.650	3.900	4%	3%
Machinists -----	3.020	3.120	-	-	Wharf and bridge -----	3.650	3.900	5%	3%
Marble setters -----	3.050	3.160	-	-	Cement finishers -----	4.000	4.250	4%	-
Mosaic and terrazzo workers -----	3.000	3.100	-	-	Electricians (inside wiremen) -----	4.000	4.250	3%	5%
Painters -----	2.850	3.000	-	-	Elevator constructors -----	3.830	4.000	6¢	-
Structural steel, spray, swing stage -----	3.100	3.250	-	-					
Paperhangers -----	2.850	3.000	-	-					
Pipefitters -----	3.000	3.215	10¢	-					
Sprinkler fitters -----	3.100	3.300	7½¢	5¢					

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>NEWARK, N. J. - Continued</b>					<b>NEW HAVEN, CONN.</b>				
<b>Journeyman - Continued</b>					<b>Journeyman</b>				
<b>Engineers - Power equipment operators:</b>					<b>Asbestos workers -----</b>				
<b>Building construction:</b>					<b>Bricklayers -----</b>				
<b>Heavy equipment:</b>					<b>Carpenters -----</b>				
Power shovels, cranes -----	\$4.200	\$*4.200	10¢	10¢	Cement finishers -----	3.250	3.500	7½¢	-
Power cranes (steel erection) -----	4.400	*4.400	10¢	10¢	Electricians (inside wiremen) -----	3.100	3.250	7¢	15¢
Trench machines, paving mixers -----	4.200	*4.200	10¢	10¢	Elevator constructors -----	3.250	3.500	7¢	15¢
<b>Medium equipment:</b>					<b>Engineers - Power equipment operators:</b>				
Hoists (single or double drum) -----	4.000	*4.000	10¢	10¢	<b>Building construction:</b>				
Central power plants -----	4.200	*4.200	10¢	10¢	<b>Heavy equipment:</b>				
Concrete tower hoists -----	4.000	*4.000	10¢	10¢	Cranes, steel -----	3.190	3.390	10¢	-
<b>Light equipment:</b>					<b>Shovels -----</b>				
Air compressors (single) -----	3.750	*3.750	10¢	10¢	Derricks -----	3.190	3.390	10¢	-
Pumps and small mixers -----	3.750	*3.750	10¢	10¢	<b>Medium equipment:</b>				
Concrete pumps -----	3.750	*3.750	10¢	10¢	Hod-hoists -----	3.000	3.200	10¢	-
<b>Heavy construction:</b>					<b>Compressors -----</b>				
<b>Heavy equipment:</b>					<b>Bulldozers -----</b>				
Power shovels, cranes, draglines -----	4.200	*4.200	10¢	10¢	<b>Light equipment:</b>				
Piledriving machines -----	4.200	*4.200	10¢	10¢	Well-point systems, welding machines -----	2.730	2.930	10¢	-
Back hoes, concrete pavers -----	4.200	*4.200	10¢	10¢	<b>Small concrete mixers:</b>				
<b>Medium equipment:</b>					<b>Under 5 bags -----</b>				
Caisson hoists -----	4.000	*4.000	10¢	10¢	5 bags and over -----	2.550	2.750	10¢	-
Shaft hoists -----	4.000	*4.000	10¢	10¢	<b>Heavy construction:</b>				
Excavating carryalls -----	3.750	*3.750	10¢	10¢	<b>Heavy equipment:</b>				
<b>Light equipment:</b>					<b>Shovels, piledrivers, draglines -----</b>				
Small mixers, pumps -----	3.750	*3.750	10¢	10¢	<b>Medium equipment:</b>				
Front end loaders and conveyors -----	3.750	*3.750	10¢	10¢	Pumps -----	2.730	2.930	10¢	-
Concrete pumps -----	3.750	*3.750	10¢	10¢	Bulldozers -----	2.650	2.850	10¢	-
Glaziers -----	3.325	*3.575	10¢	10¢	<b>Light equipment:</b>				
Lathers -----	3.600	*3.800	30¢	-	Compressors, welding machines -----	2.730	2.930	10¢	-
Machinists -----	3.800	*3.800	10¢	-	<b>Small concrete mixers:</b>				
Mosaic and terrazzo workers -----	3.700	*3.900	3%	5%	Under 5 bags -----	2.550	2.750	10¢	-
Painters -----	3.350	*3.500	15¢	11¢	5 bags and over -----	2.750	2.950	10¢	-
Structural steel -----	3.600	*3.650	15¢	11¢	<b>Heavy construction:</b>				
Pipefitters -----	3.750	4.000	3%	3%	<b>Shovels, piledrivers, draglines -----</b>				
Sprinkler fitters -----	3.600	3.700	7½¢	-	<b>Medium equipment:</b>				
Plasterers -----	4.000	*4.250	4%	-	Pumps -----	2.730	2.930	10¢	-
Plumbers -----	3.750	4.000	3%	3%	Bulldozers -----	2.650	2.850	10¢	-
Rodmen -----	4.150	4.400	3%	3%	<b>Light equipment:</b>				
Roofers, composition -----	3.750	*3.900	15¢	10¢	Compressors, welding machines -----	2.730	2.930	10¢	-
Roofers, slate and tile -----	3.650	4.000	15¢	-	<b>Small concrete mixers:</b>				
Sheet-metal workers -----	3.700	*3.900	3%	3%	Under 5 bags -----	2.550	2.750	10¢	-
Stonemasons -----	4.000	*4.250	4%	3%	5 bags and over -----	2.750	2.950	10¢	-
Structural-iron workers -----	4.150	4.400	3%	3%	<b>Heavy construction:</b>				
Tile layers -----	3.350	3.725	3%	3%	<b>Shovels, piledrivers, draglines -----</b>				
<b>Helpers and laborers</b>					<b>Medium equipment:</b>				
Bricklayers' tenders -----	3.000	*3.200	-	-	Pumps -----	2.730	2.930	10¢	-
Building laborers -----	3.000	*3.200	-	-	Bulldozers -----	2.650	2.850	10¢	-
Composition roofers' helpers -----	2.260	*2.410	15¢	10¢	<b>Light equipment:</b>				
Elevator constructors' helpers -----	2.900	3.000	6¢	-	Compressors, welding machines -----	2.730	2.930	10¢	-
Plasterers' laborers -----	3.000	*3.200	-	-	<b>Small concrete mixers:</b>				
Terrazzo workers' helpers -----	3.000	*3.200	3%	5%	Under 5 bags -----	2.550	2.750	10¢	-
Tile layers' helpers -----	2.750	2.950	6%	-	5 bags and over -----	2.750	2.950	10¢	-
					<b>Heavy construction:</b>				
					<b>Shovels, piledrivers, draglines -----</b>				
					<b>Medium equipment:</b>				
					<b>Pumps -----</b>				
					<b>Bulldozers -----</b>				
					<b>Light equipment:</b>				
					<b>Compressors, welding machines -----</b>				
					<b>Small concrete mixers:</b>				
					<b>Under 5 bags -----</b>				
					<b>5 bags and over -----</b>				
					<b>Lathers -----</b>				
					<b>Marble setters -----</b>				
					<b>Mosaic and terrazzo workers -----</b>				
					<b>Painters -----</b>				
					<b>Structural steel -----</b>				
					<b>Paperhangers -----</b>				
					<b>Pipefitters -----</b>				
					<b>Plasterers -----</b>				
					<b>Plumbers -----</b>				
					<b>Rodmen -----</b>				
					<b>Roofers, composition -----</b>				
					<b>Roofers, slate and tile -----</b>				
					<b>Precast slabbers -----</b>				
					<b>Sheet-metal workers -----</b>				
					<b>Stonemasons -----</b>				
					<b>Structural-iron workers -----</b>				
					<b>Tile layers -----</b>				
					<b>Helpers and laborers</b>				
					<b>Bricklayers' tenders -----</b>				
					<b>Building laborers -----</b>				
					<b>Elevator constructors' helpers -----</b>				

See footnotes at end of table.

\* This rate in effect prior to July 1, 1957; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>NEW HAVEN, CONN. - Continued</b>					<b>NEW ORLEANS, LA. - Continued</b>				
<b>Helpers and laborers - Continued</b>					<b>Journeyman - Continued</b>				
Marble setters' helpers -----	\$2.500	\$2.600	7¢	-	Structural-iron workers -----	\$3.000	\$3.200	7½¢	-
Plasterers' laborers -----	2.350	2.450	7¢	-	Buckers-up -----	3.125	3.325	7½¢	-
Terrazzo workers' helpers -----	2.500	2.600	7¢	-	Sheeters -----	3.250	3.450	7½¢	-
Tile layers' helpers -----	2.500	2.600	7¢	-	Tile layers -----	2.800	2.900	-	-
<b>NEW ORLEANS, LA.</b>					<b>Helpers and laborers</b>				
<b>Journeyman</b>					<b>Bricklayers' tenders -----</b>				
Asbestos workers -----	3.200	3.300	7½¢	-	Mortar mixers -----	1.625	1.700	-	-
Boilermakers -----	3.100	3.250	7½¢	-	Building laborers -----	1.725	1.800	-	-
Bricklayers -----	3.250	3.325	5¢	-	Composition roofers' helpers -----	1.525	1.600	-	-
Carpenters and piledrivers -----	2.675	2.850	-	-	Elevator constructors' helpers -----	1.580	1.655	7½¢	-
Millwrights -----	2.960	3.135	-	-	Marble setters' helpers -----	2.085	2.210	6¢	-
Cement finishers -----	2.625	2.750	-	-	Plasterers' laborers -----	1.650	1.730	-	-
Electricians (inside wiremen) -----	3.125	3.275	7½¢	1%	Mortar mixers -----	1.700	1.775	-	-
Elevator constructors -----	2.980	3.160	6¢	-	Terrazzo workers' helpers -----	1.800	1.875	-	-
Engineers - Power equipment operators:					Floor-machine operators -----	1.650	1.730	-	-
Building construction:					Tile layers' helpers -----	1.800	1.880	-	-
Heavy equipment:						1.650	1.730	-	-
Cranes, derricks, draglines -----	2.800	2.925	7½¢	-	<b>NEW YORK, N. Y.</b>				
Hoists, 2 drums -----	2.800	2.925	7½¢	-	<b>Journeyman</b>				
Piledrivers -----	2.800	2.925	7½¢	-	Asbestos workers -----	63.850	63.950	4%	-
Trench machines -----	2.800	2.925	7½¢	-	Boilermakers -----	3.750	4.150	5%	10¢
Light equipment:					Bricklayers -----	63.950	64.150	4%	20¢
Air compressors -----	2.150	2.275	7½¢	-	Carpenters -----	63.650	63.900	5%	3%
Bulldozers, smaller than D6 -----	2.150	2.275	7½¢	-	Wharf and bridge -----	3.650	3.900	5%	3%
Finishing machines -----	2.150	2.275	7½¢	-	Cement finishers -----	63.750	64.000	4%	4%
Mixers, 16S and smaller -----	2.150	2.275	7½¢	-	Electricians (inside wiremen) -----	63.500	63.650	4%	2%
Heavy construction:					Elevator constructors -----	3.830	4.000	6¢	-
Heavy equipment:					Engineers - Power equipment operators:				
Bulldozers -----	(4)	3.000	-	-	Building construction:				
Cranes -----	(4)	3.000	-	-	Heavy equipment:				
Hoists, 2 drums -----	(4)	3.000	-	-	Steel erection (cranes and				
Scrapers -----	(4)	3.000	-	-	derricks) -----	4.150	4.500	4%	4%
Light equipment:					Concrete buckets (stone				
Air compressors -----	(4)	2.650	-	-	derricks) and hoists -----	63.900	64.050	4%	4%
Finishing machines -----	(4)	2.650	-	-	Scrapers, tournapulls, motor				
Hoists, 1 drum -----	(4)	2.650	-	-	patrols -----	3.400	3.650	4%	4%
Glaziers -----	2.625	2.750	(5)	-	Medium equipment:				
Lathers (wood and rock lath) -----	2.675	2.850	5¢	-	Welding machines and				
Lathers (metal and wire) -----	2.825	2.950	5¢	-	compressors -----	3.650	3.800	4%	4%
Machinists -----	3.050	3.270	-	-	Plaster (platform machines) -----	63.900	64.050	4%	4%
Marble setters -----	3.250	3.325	5¢	-	Bulldozers, tractors, loco-				
Mosaic and terrazzo workers -----	2.800	2.900	-	-	motives (10 tons and under),				
Painters -----	2.400	2.500	-	-	road finishing machines,				
Spray, structural steel and swing					mixers under 21 E -----	3.275	3.525	4%	4%
stage -----	2.650	2.750	-	-	Heavy construction:				
Paperhangers -----	2.400	2.500	-	-	Heavy equipment:				
Pipefitters -----	3.050	3.150	15¢	-	Shovels -----	4.150	4.300	4%	4%
Plasterers -----	2.810	2.985	5¢	-	Piledrivers -----	4.025	4.175	4%	4%
Plumbers -----	3.050	3.150	15¢	-	Cranes (digging				
Rodmen -----	2.695	2.895	7½¢	-	bucket) -----	3.900	4.050	4%	4%
Roofers, composition -----	2.650	2.770	7½¢	-	Scrapers, tournapulls,				
Roofers, slate and tile -----	2.650	2.770	7½¢	-	and motor				
Sheet-metal workers -----	2.820	2.940	7½¢	-	patrols -----	3.400	3.650	4%	4%
Stonemasons -----	3.250	3.325	5¢	-					

See footnotes at end of table.



TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>OKLAHOMA CITY, OKLA. - Continued</b>					<b>OMAHA, NEBR. - Continued</b>				
<u>Journeyman - Continued</u>					<u>Journeyman - Continued</u>				
Roofers, composition	\$2.550	\$2.700	-	-	Paperhangers	\$2.500	\$2.650	-	-
Roofers, slate and tile	2.550	2.700	-	-	Pipefitters	3.200	3.300	7½¢	-
Sheet-metal workers	2.950	3.050	5¢	-	Plasterers	3.200	3.400	-	-
Stonemasons	3.500	3.800	-	-	Plumbers	3.200	3.300	7½¢	-
Structural-iron workers	2.950	3.050	-	-	Rodmen	3.000	3.200	-	-
Tile layers	3.075	3.250	-	-	Roofers, composition	2.350	2.450	-	-
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>				
Bricklayers' tenders	1.950	2.100	-	-	Roofers, slate and tile	2.600	2.700	-	-
Building laborers	1.800	1.950	-	-	Sheet-metal workers	2.875	3.025	-	-
Elevator constructors' helpers	2.260	2.260	6¢	-	Stonemasons	3.375	3.575	-	-
Plasterers' laborers	1.950	2.100	-	-	Structural-iron workers	3.000	3.200	-	-
Plumbers' laborers	1.800	1.950	-	-	Tile layers	3.000	3.150	-	-
<b>OMAHA, NEBR.</b>					<b>PEORIA, ILL.</b>				
<u>Journeyman</u>					<u>Journeyman</u>				
Asbestos workers	3.200	3.350	10¢	-	Asbestos workers	3.350	3.550	10½¢	-
Bricklayers	3.375	3.575	-	-	Boilermakers	3.400	3.525	7½¢	-
Carpenters	2.925	3.050	-	-	Bricklayers	3.550	3.750	-	-
Millwrights	3.100	3.225	-	-	Carpenters	3.210	3.360	-	-
Piledrivers	3.050	3.175	-	-	Cement finishers	3.220	3.320	10¢	-
Residential	2.825	2.925	-	-	Electricians (inside wiremen)	3.300	3.500	5¢	1¢
Cement finishers	2.900	3.050	-	-	Elevator constructors	3.290	3.420	1½¢	-
Electricians (inside wiremen)	3.250	3.500	-	1%	<b>Engineers - Power equipment operators:</b>				
Elevator constructors	3.085	3.285	6¢	-	<b>Building construction:</b>				
Engineers - Power equipment operators:					<b>Heavy equipment:</b>				
Building construction:					Cranes, derricks, shovels, and				
Heavy equipment:					2-drum hoists				
Cranes, derricks, shovels, and					3.000	3.125	-	-	
2-drum hoists					<b>Medium equipment:</b>				
Medium equipment:					Air compressors				
Air compressors	2.450	2.575	-	-	2.450	2.575	-	-	
1-drum hoists, and pumps					<b>Light equipment:</b>				
(concrete)	2.650	2.775	-	-	Pumps and mixers, 3 bags				
Light equipment:					and under				
Air tuggers, boom trucks, Hysters					2.555	2.755	-	-	
(lumber carrier) and trax-dozers -					Hoists, 1 drum				
scoops	2.650	2.775	-	-	2.775	2.975	-	-	
Heavy construction:					<b>Heavy construction:</b>				
Heavy equipment:					<b>Heavy equipment:</b>				
Draglines and shovels	2.850	2.925	-	-	Cranes, scoops, and bulldozers				
Scoops	2.550	2.625	-	-	3.325	3.475	-	-	
Medium equipment:					<b>Medium equipment:</b>				
Bulldozers, patrols, and tractors	2.550	2.625	-	-	Paving mixers, motor patrols,				
Light equipment:					and piledrivers				
Blade and motor graders, and					3.325	3.475	-	-	
wheel tractors	2.550	2.625	-	-	<b>Light equipment:</b>				
Glaziers	2.575	2.675	-	-	Air compressors, pumps,				
Lathers	3.100	3.250	-	-	and mixers, 3 bags and				
Machinists	3.000	3.000	-	-	under				
Marble setters	3.000	3.150	-	-	2.555	2.705	-	-	
Mosaic and terrazzo workers	3.000	3.150	-	-					
Painters	2.500	2.650	-	-					
Spray and structural steel	2.750	2.900	-	-					
Swing stage	2.850	3.000	-	-					

See footnotes at end of table.



TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957—Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>2</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>3</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>3</sup>	Pension
<b>PEORIA, ILL. - Continued</b>					<b>PHILADELPHIA, PA. - Continued</b>				
<u>Journeyman - Continued</u>					<u>Journeyman - Continued</u>				
Glassiers	\$2.850	\$3.050	-	-	Engineers - Power equipment operators: - Continued				
Lathers	3.250	3.400	10¢	-	Building construction: - Continued				
Machinists	3.300	3.450	-	-	Light equipment:				
Marble setters	3.500	3.700	-	-	Welding machines	\$3.185	\$3.325	10¢	-
Mosaic and terrazzo workers	3.500	3.700	-	-	Compressors and pumps	3.060	3.200	10¢	-
Painters	2.925	3.075	-	-	Heavy construction:				
Swing stage, spray	3.275	3.425	-	-	Heavy equipment:				
Paperhangers	2.925	3.075	-	-	Cranes (all types), power shovels, cableways	3.785	3.955	10¢	-
Pipefitters	3.350	3.550	-	-	Medium equipment:				
Plasterers	3.500	3.600	10¢	-	Tournapulls and carryalls	3.410	3.535	10¢	-
Plumbers	3.350	3.550	-	-	Bulldozers and tractors	3.160	3.300	10¢	-
Rodmen	3.425	3.625	7½¢	-	Light equipment:				
Roofers, composition	3.085	3.235	-	-	Welding machines	3.185	3.325	10¢	-
Roofers, slate and tile	3.085	3.235	-	-	Compressors and pumps	3.060	3.200	10¢	-
Sheet-metal workers	3.350	3.525	-	-	Glassiers	3.000	3.150	7½¢	-
Stonemasons	3.550	3.750	-	-	30 feet or more above ground	3.225	3.375	7½¢	-
Structural-iron workers	3.425	3.625	7½¢	-	Lathers	3.525	3.775	12½¢	-
Tile layers	3.500	3.700	-	-	Residential or speculative	3.000	3.250	12½¢	-
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>				
Bricklayers' tenders	2.525	2.675	-	-	Machinists	3.450	3.450	-	-
Building laborers	2.525	2.675	-	-	Marble setters	3.500	3.625	-	-
Elevator constructors' helpers	2.300	2.390	1½¢	-	Mosaic and terrazzo workers	3.555	3.680	-	-
Marble setters' helpers	2.500	2.700	-	-	Painters	2.900	3.025	12½¢	-
Plasterers' tenders	2.650	2.800	-	-	Steel, spray, and swing stage	3.025	3.150	12½¢	-
Mortar mixers	2.525	2.675	-	-	Paperhangers	2.640	3.015	10¢	-
Terrazzo workers' helpers	2.750	2.950	-	-	Residential	2.640	2.765	10¢	-
Base-machine operators	2.750	2.950	-	-	Pipefitters	3.750	3.900	11½¢	-
Tile layers' helpers	2.500	2.700	-	-	Sprinkler fitters	3.750	3.900	7½¢	-
<b>PHILADELPHIA, PA.</b>					<b>PHILADELPHIA, PA.</b>				
<u>Journeyman</u>					<u>Journeyman</u>				
Asbestos workers	3.475	3.700	10¢	-	Plasterers	3.650	3.900	15¢	-
Home insulators	2.250	2.250	-	-	Plumbers	3.750	3.900	11½¢	-
Boilermakers	3.700	3.900	7½¢	-	Rodmen	3.550	3.900	10½¢	7½¢
Bricklayers	3.750	3.750	17¢	-	Roofers, composition	3.150	3.300	10¢	-
Operative	3.525	3.650	17¢	-	Mopmen	3.300	3.550	10¢	-
Carpenters	3.385	3.535	-	-	Roofers, slate and tile	3.435	3.535	17½¢	-
Cement finishers	3.375	3.525	-	-	Sheet-metal workers	3.435	3.585	10¢	10¢
Residential or speculative	3.075	3.200	-	-	Stonemasons, commercial:				
Electricians (inside wiremen)	3.775	3.950	10¢	1%	Rubble	3.500	3.500	-	-
Residential	3.250	3.375	-	1%	Setters	3.750	3.750	-	-
Elevator constructors	3.700	3.780	6½¢	-	Residential (operational)	3.145	3.145	-	-
Engineers - Power equipment operators:					Structural-iron workers	3.700	4.050	10½¢	7½¢
Building construction:					Tile layers	3.375	3.500	12½¢	-
Heavy equipment:					<u>Helpers and laborers</u>				
Cranes (handling steel or stone)	3.910	4.090	10¢	-	Bricklayers' tenders	2.100	2.250	-	-
Power shovels, derricks, cableways	3.785	3.955	10¢	-	Residential	1.875	2.000	-	-
Medium equipment:					Mortar mixer	2.075	2.200	-	-
Tournapulls and carryalls	3.410	3.535	10¢	-	Building laborers	2.100	2.250	-	-
Bulldozers and tractors	3.160	3.300	10¢	-	Residential	1.875	2.000	-	-
					Elevator constructors' helpers	2.590	2.650	6½¢	-
					Marble setters' helpers	2.700	2.700	12½¢	-
					Plasterers' laborers	2.675	2.875	12½¢	-
					Residential	2.450	2.575	7½¢	-
					Terrazzo workers' helpers	2.800	2.925	-	-
					Tile layers' helpers	2.600	2.600	12½¢	-

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>PITTSBURGH, PA.</b>					<b>PORTLAND, OREG.</b>				
<u>Journeyman</u>					<u>Journeyman</u>				
Asbestos workers -----	\$3.425	\$3.575	7½¢	10¢	Asbestos workers -----	\$3.250	\$3.250	10¢	-
Boilermakers -----	3.425	3.625	7½¢	-	Boilermakers -----	3.275	3.450	7½¢	-
Bricklayers -----	3.600	3.750	7½¢	10¢	Bricklayers -----	3.500	3.650	10¢	-
Carpenters -----	3.325	3.525	7½¢	-	Carpenters -----	2.800	2.900	10¢	-
Residential -----	2.985	3.170	7½¢	-	Millwrights -----	3.050	3.150	10¢	-
Cement finishers -----	3.250	3.450	7½¢	10¢	Floor layers, shinglers -----	2.925	3.025	10¢	-
Electricians (inside wiremen) -----	3.500	4.000	3%	4%	Piledrivers, bridge, dock, and wharf builders -----	2.900	3.000	10¢	-
Elevator constructors -----	3.415	3.635	6¢	-	Cement finishers -----	2.900	3.000	10¢	-
Engineers - Power equipment operators:					Composition and mastic workers -----	3.050	3.125	10¢	-
Building construction:					Electricians (inside wiremen) -----	3.100	3.200	10¢	1%
Heavy equipment:					Elevator constructors -----	3.210	3.340	6½¢	-
Shovels, cranes, and carryall scoops -----	3.600	3.750	7½¢	-	Engineers - Power equipment operators:				
Medium equipment:					Building construction:				
Bulldozers, compressors, and hoists -----	3.400	3.525	7½¢	-	Heavy equipment:				
Light equipment:					Power shovels, draglines, and cranes:				
Pumps, rollers, and welders -----	3.400	3.525	7½¢	-	Under 1 cubic yard -----	2.900	3.160	10¢	-
Heavy construction:					1 cubic yard and under -----				
Heavy equipment:					5 cubic yards -----	3.000	3.280	10¢	-
Shovels, cranes, and ditchers -----	3.200	3.520	7½¢	-	5 cubic yards and over -----	3.380	3.680	10¢	-
Medium equipment:					Tractors:				
Bulldozers, graders, and carryall scoops -----	3.020	3.330	7½¢	-	Under 50 horsepower -----	2.620	2.860	10¢	-
Light equipment:					Over 50 horsepower -----	2.840	3.100	10¢	-
Compressors, pumps, and rollers -----	2.770	3.060	7½¢	-	Medium equipment:				
Glaziers -----	3.000	3.200	-	-	Blades, power:				
Lathers -----	3.450	3.575	7½¢	-	Under 50 horsepower -----	2.720	2.960	10¢	-
Machinists -----	3.400	3.550	-	-	Over 50 horsepower -----	2.940	3.200	10¢	-
Marble setters -----	3.200	3.300	7½¢	10¢	Piledrivers -----	2.940	3.200	10¢	-
Mosaic and terrazzo workers -----	3.400	3.625	7½¢	10¢	Light equipment:				
Painters -----	3.000	3.250	10¢	-	Hoists:				
Spray and industrial -----	3.250	3.500	10¢	-	Single drum -----	2.620	2.860	10¢	-
Paperhangers -----	3.000	3.250	10¢	-	2 or more active drums -----	2.940	3.200	10¢	-
Pipefitters -----	3.425	3.775	7½¢	10¢	Concrete mixers:				
Sprinkler fitters -----	3.280	3.430	7½¢	10¢	1- to 5-bag capacity -----	2.580	2.820	10¢	-
Plasterers -----	3.450	3.575	7½¢	10¢	5-bag capacity and over -----	2.740	2.980	10¢	-
Plumbers -----	3.425	3.775	7½¢	10¢	Derricks, live boom -----	3.000	3.280	10¢	-
Rodmen -----	3.300	3.575	10¢	-	Heavy construction:				
Roofers, composition -----	3.100	3.350	7½¢	-	Heavy equipment:				
Roofers, slate and tile -----	3.150	3.350	7½¢	-	Power shovels, draglines, and cranes:				
Sheet-metal workers -----	3.425	3.725	10¢	-	Under 1 cubic yard -----	2.900	3.160	10¢	-
Stonemasons -----	3.600	3.750	7½¢	10¢	1 cubic yard and under -----				
Structural-iron workers -----	3.300	3.800	10¢	-	5 cubic yards -----	3.000	3.280	10¢	-
Ornamental -----	3.300	3.800	10¢	-	5 cubic yards and over -----	3.380	3.680	10¢	-
Tile layers -----	3.250	3.350	7½¢	-	Tractors:				
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>				
Bricklayers' tenders -----	2.500	2.575	7½¢	10¢	Under 50 horsepower -----	2.620	2.860	10¢	-
Building laborers -----	2.250	2.325	7½¢	10¢	Over 50 horsepower -----	2.840	3.100	10¢	-
Elevator constructors' helpers -----	2.390	2.540	6¢	-	Medium equipment:				
Marble setters' helpers -----	2.300	2.400	7½¢	10¢	Blades, power:				
Plasterers' laborers -----	2.500	2.575	7½¢	10¢	Under 50 horsepower -----	2.720	2.960	10¢	-
Plumbers' laborers -----	2.125	2.325	7½¢	10¢	Over 50 horsepower -----	2.940	3.200	10¢	-
Terrazzo workers' helpers -----	2.600	2.700	7½¢	10¢	Piledrivers -----	2.940	3.200	10¢	-
					Light equipment:				
					Hoists:				
					Single drum -----	2.620	2.860	10¢	-
					2 or more active drums -----	2.940	3.200	10¢	-

See footnotes at end of table.



TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>RICHMOND, VA. - Continued</b>					<b>ROCHESTER, N. Y. - Continued</b>				
<u>Journeyman - Continued</u>					<u>Journeyman - Continued</u>				
Cement finishers -----	\$2.225	\$2.370	-	-	Cement finishers -----	\$3.310	\$3.485	-	15¢
Electricians (inside wiremen) -----	2.850	3.000	-	1%	Electricians (inside wiremen) -----	3.370	3.520	10¢	1%
Elevator constructors -----	2.875	3.020	6¢	-	Elevator constructors -----	3.400	3.560	6½¢	-
Engineers - Power equipment operators:					Engineers - Power equipment operators:				
Air compressors:					Building construction:				
Under 4 -----	2.050	2.200	-	-	Heavy equipment:				
4 or more -----	2.660	2.850	-	-	Cranes, derricks, and				
Bulldozers -----	2.200	2.450	-	-	piledrivers -----	3.475	3.625	10¢	-
Cranes, derricks, and piledrivers -----	2.660	2.850	-	-	Medium equipment:				
Graders -----	2.450	2.650	-	-	Hoists, high pressure boilers,				
Hoists:					and concrete pumps -----	3.325	3.475	10¢	-
1 drum -----	2.050	2.200	-	-	Light equipment:				
2 or more drums -----	2.350	2.850	-	-	Mixers (14S to 26S) -----	3.125	3.275	10¢	-
Mixers:					Pumps (4 inches and over), and				
16S or smaller -----	1.900	2.010	-	-	mixers (under 14S) -----	2.850	3.000	10¢	-
Larger than 16S -----	2.200	2.400	-	-	Compressors (160 cubic feet				
Pumps:					and over) -----	2.800	2.950	10¢	-
2-inch discharge -----	1.800	1.920	-	-	Compressors (under 160 cubic				
Over 2-inch discharge -----	2.050	2.200	-	-	feet), and pumps (under				
Scrapers -----	2.350	2.650	-	-	4 inches) -----	2.500	2.650	10¢	-
Shovels -----	2.660	2.850	-	-	Heavy construction:				
Tractors -----	2.050	2.200	-	-	Heavy equipment:				
Trench machines -----	2.350	2.400	-	-	Cableways, piledrivers, cranes,				
Glaziers -----	1.900	1.900	-	-	and shovels -----	3.475	3.625	10¢	-
Lathers -----	2.875	3.000	-	-	Medium equipment:				
Machinists -----	2.750	3.000	-	-	Mucking machines -----	3.325	3.475	10¢	-
Marble setters -----	3.000	3.000	-	-	Carryall type scrapers, bull-				
Mosaic and terrazzo workers -----	2.900	3.000	-	-	dozers, and graders -----	3.125	3.275	10¢	-
Painters -----	2.150	2.250	-	-	Light equipment:				
Spray -----	2.600	2.700	-	-	Dinky locomotives -----	3.125	3.275	10¢	-
Structural steel -----	2.400	2.500	-	-	Compressors (315 cubic feet				
Paperhangers -----	2.150	2.250	-	-	and over) -----	2.800	2.950	10¢	-
Pipefitters -----	2.750	3.000	-	-	Pumps (under 4 inches) -----	2.500	2.650	10¢	-
Plasterers -----	2.920	3.000	-	-	Pumps (4 inches and over) -----	2.850	3.000	10¢	-
Residential -----	2.900	2.970	-	-	Glaziers -----	2.800	2.900	-	-
Plumbers -----	2.750	3.000	-	-	Lathers -----	3.320	3.440	-	-
Rodmen -----	2.575	2.750	-	-	Machinists -----	3.150	3.250	-	-
Sheet-metal workers -----	2.700	2.850	-	-	Marble setters -----	3.385	3.535	-	-
Stonemasons -----	3.250	3.375	-	-	Mosaic and terrazzo workers -----	3.385	3.535	-	-
Structural-iron workers -----	2.825	3.000	-	-	Painters -----	3.030	3.150	-	-
Tile layers -----	2.900	3.000	-	-	Spray -----	3.330	3.450	-	-
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>				
Bricklayers' tenders -----	1.550	1.550	-	-	Structural -----	3.180	3.300	-	-
Mortar mixers -----	1.550	1.550	-	-	Paperhangers -----	3.030	3.150	-	-
Building laborers -----	1.400	1.400	-	-	Pipefitters -----	3.170	3.320	10¢	6¢
Elevator constructors' helpers -----	2.010	2.110	6¢	-	Plasterers -----	3.510	3.685	-	15¢
Plasterers' laborers -----	1.550	1.550	-	-	Plumbers -----	3.170	3.320	10¢	6¢
<b>ROCHESTER, N. Y.</b>					<b>ROCHESTER, N. Y.</b>				
<u>Journeyman</u>					<u>Journeyman</u>				
Asbestos workers -----	3.200	3.350	10¢	-	Rodmen -----	3.350	3.500	7½¢	-
Bricklayers -----	3.510	3.685	-	15¢	Roofers -----	3.020	3.170	-	-
Carpenters -----	3.250	3.400	-	-	Sheet-metal workers -----	3.130	3.280	10¢	-
Millwrights -----	3.400	3.550	-	-	Stonemasons -----	3.510	3.685	-	15¢
					Structural-iron				
					workers -----	3.350	3.500	7½¢	-
					Tile layers -----	3.385	3.535	-	-

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>ROCHESTER, N. Y. - Continued</b>					<b>ST. LOUIS, MO. - Continued</b>				
<b>Helpers and laborers</b>					<b>Journeyman - Continued</b>				
Bricklayers' tenders	\$2.490	\$2.640	-	-	Paperhangers	\$3.085	\$3.250	7½¢	-
Building laborers	2.490	2.640	-	-	Pipefitters	3.550	3.700	20¢	-
Elevator constructors' helpers	2.380	2.490	6½¢	-	Sprinkler fitters	3.550	3.650	7½¢	5¢
Marble setters' helpers	2.510	2.660	-	-	Plasterers	3.425	3.675	7½¢	-
Plasterers' laborers	2.490	2.640	-	-	Plumbers	3.550	3.700	7½¢	5¢
Terrazzo workers' helpers	2.510	2.660	-	-	Rodmen	3.250	3.375	7½¢	-
Machine operators and grinders	2.610	2.760	-	-	Roofers, composition	3.200	3.350	7½¢	-
Tile layers' helpers	2.510	2.660	-	-	Roofers, slate, tile and precast slab	3.000	3.250	-	-
<b>ST. LOUIS, MO.</b>					<b>Residential</b>				
<b>Journeyman</b>					<b>Sheet-metal workers</b>				
Asbestos workers	3.450	3.550	10¢	-	Residential	2.850	3.050	7½¢	10¢
Boilermakers	3.250	3.400	7½¢	-	Stonemasons	3.750	3.750	10¢	-
Bricklayers	3.750	3.750	10¢	-	Structural-iron workers	3.250	3.375	7½¢	-
Sewer, over 6 feet, open work	4.000	4.000	10¢	-	Tile layers	3.000	3.100	7½¢	-
Carpenters	3.250	3.350	10¢	-	<b>Helpers and laborers</b>				
Residential	2.950	3.050	10¢	-	Bricklayers' tenders	2.750	2.900	10¢	-
Cement finishers	3.525	3.700	10¢	-	Building laborers	2.300	2.400	10¢	-
Swing scaffold	3.775	3.950	10¢	-	Residential	2.050	2.150	10¢	-
Composition	3.775	3.950	10¢	-	Composition roofers' helpers	2.250	2.400	7½¢	-
Electricians (inside wiremen)	3.500	3.600	8¢	1%	Elevator constructors' helpers	2.450	2.500	6¢	-
Elevator constructors	3.500	3.575	6¢	-	Marble setters' helpers	2.375	2.500	-	-
Engineers - Power equipment operators:					Plasterers' laborers	2.875	3.125	7½¢	-
Building construction:					Plumbers' laborers	2.675	2.775	10¢	-
Heavy equipment:					Terrazzo workers' helpers	2.600	2.650	-	-
Cranes, draglines, shovels, derricks, and piledrivers	3.325	3.450	-	-	Base-machine operators	2.870	2.920	-	-
Medium equipment:					Tile layers' helpers	2.200	2.300	7½¢	-
Boring machines (footing foundation), combination hoists and concrete mixers, tractor shovels, and hi-lifts	3.325	3.450	-	-	<b>ST. PAUL, MINN.</b>				
Light equipment:					(Scales listed under Minneapolis-St. Paul, Minn.)				
Concrete pumps	3.325	3.450	-	-	<b>SALT LAKE CITY, UTAH</b>				
1-drum hoists and single compressors	2.775	2.900	-	-	<b>Journeyman</b>				
Heavy construction:					Asbestos workers	3.000	3.140	10¢	-
Heavy equipment:					Boilermakers	3.275	3.450	7½¢	-
Cranes, draglines, shovels, derricks (all types), and piledrivers	3.325	3.450	-	-	Bricklayers	3.250	3.500	-	-
Medium equipment:					Carpenters	2.750	2.975	-	-
1-drum hoists, welding machines, and single compressors	2.775	2.900	-	-	Millwrights	2.975	3.200	-	-
Light equipment:					Piledrivers	3.255	3.305	-	-
Boilers, pumps, and concrete-mixing machines	2.775	2.900	-	-	Cement finishers	2.700	2.950	-	-
Glaziers	3.450	3.650	10¢	-	Composition floor layers	2.825	3.075	-	-
Lathers:					Finishing-machine operators	2.825	3.075	-	-
Metal	3.425	3.675	7½¢	-	Electricians (inside wiremen)	3.000	3.175	-	1%
Wood (residential)	3.175	3.425	7½¢	-	Elevator constructors	2.950	3.075	6¢	-
Machinists	3.300	3.500	-	-	Engineers - Power equipment operators:				
Marble setters	3.250	3.400	-	-	Building construction:				
Mosaic and terrazzo workers	3.500	3.550	-	-	Heavy equipment:				
Painters	3.085	3.250	7½¢	-	Derricks	2.800	3.000	10¢	-
Spray and pressure roller	3.335	3.500	7½¢	-	Piledrivers	2.950	3.100	10¢	-
					Tractors with front end loaders	2.700	2.850	10¢	-

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957—Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>SALT LAKE CITY, UTAH - Continued</b>					<b>SAN ANTONIO, TEX.</b>				
<u>Journeyman - Continued</u>					<u>Journeyman</u>				
Engineers - Power equipment operators: - Continued					Asbestos workers -----	\$3.120	\$3.220	7½¢	-
Building construction: - Continued					Bricklayers -----	3.375	3.375	-	-
Medium equipment:					Carpenters -----	2.750	2.875	-	-
Hoists - 1 drum -----	\$2.525	\$2.675	10¢	-	Cement finishers -----	2.750	2.750	-	-
Hoists - 2 drum (both in use) -----	2.750	2.900	10¢	-	Electricians (inside wiremen) -----	3.125	3.250	-	1%
Mixermobiles -----	2.700	2.850	10¢	-	Elevator constructors -----	3.120	3.235	6¢	-
Tractors, rubber-tired -----	2.700	2.850	10¢	-	Engineers - Power equipment operators:				
Light equipment:					Building construction:				
Air compressors -----	2.400	2.550	10¢	-	Heavy equipment:				
Air compressors - 2 or more -----	2.525	2.675	10¢	-	Blade graders, self-propelled -----	2.950	3.150	-	-
Concrete mixers, skip type -----	2.425	2.575	10¢	-	Bulldozers, scrapers -----	2.950	3.150	-	-
Heavy construction:					Cranes, derricks, draglines -----	2.950	3.150	-	-
Heavy equipment:					Hoists, 2 drums or more -----	2.950	3.150	-	-
Power shovels:					Locomotives, winch trucks -----	2.950	3.150	-	-
Up to 1 cubic yard -----	2.850	3.000	10¢	-	Mixers, 14 cubic feet or over -----	2.950	3.150	-	-
Over 1 cubic yard -----	2.850	3.150	10¢	-	Piledrivers, rollers 5 tons and over -----	2.950	3.150	-	-
Tournapulls or similar type -----	2.825	2.975	10¢	-	Light equipment:				
Medium equipment:					Air compressors -----	2.600	2.750	-	-
Tractors -----	2.700	2.850	10¢	-	Hoists, 1 drum, rollers under 5 tons -----	2.600	2.750	-	-
Motor patrols -----	2.800	2.950	10¢	-	Mixers, less than 14 cubic feet -----	2.600	2.750	-	-
Light equipment:					Pumps, 2½ inches or larger -----	2.600	2.750	-	-
Locomotives -----	2.700	3.000	10¢	-	Glaziers -----	2.500	2.500	-	-
Truck cranes -----	2.800	3.000	10¢	-	Lathers -----	3.375	3.375	-	-
Glaziers -----	2.460	2.560	-	-	Marble setters -----	2.650	2.650	-	-
Lathers -----	3.125	3.200	10¢	-	Mosaic and terrazzo workers -----	2.650	2.650	-	-
Marble setters -----	2.750	3.000	-	-	Painters -----	2.500	2.500	-	-
Mosaic and terrazzo workers -----	2.750	3.000	-	-	Spray and structural steel brush -----	2.750	2.750	-	-
Painters -----	2.500	2.760	7½¢	-	Structural steel spray -----	3.000	3.000	-	-
Swing stage, spray -----	3.000	3.260	7½¢	-	Paperhangers -----	2.500	2.500	-	-
Paperhangers -----	2.500	2.760	7½¢	-	Pipefitters -----	3.175	3.175	-	-
Pipefitters -----	3.000	3.120	10½¢	-	Plasterers -----	3.375	3.375	-	-
Plasterers -----	3.125	*3.125	10¢	-	Plumbers -----	3.175	3.175	-	-
Plumbers -----	3.000	3.120	10½¢	-	Rodmen -----	2.750	2.875	-	-
Rodmen -----	3.000	3.125	7½¢	-	Roofers, composition -----	1.850	1.950	-	-
Roofers, composition -----	2.600	2.850	7½¢	-	Roofers, slate and tile -----	2.200	2.300	-	-
Roofers, slate and tile -----	2.600	2.850	7½¢	-	Sheet-metal workers -----	3.125	3.125	-	-
Sheet-metal workers -----	2.710	2.800	8½¢	-	Stonemasons -----	3.375	3.375	-	-
Stonemasons -----	3.250	3.500	-	-	Structural- and ornamental-iron workers -----	3.000	3.125	-	-
Structural-iron workers -----	3.000	3.125	7½¢	-	Sheeters and buckers-up -----	3.150	3.275	-	-
Ornamental finishers -----	3.000	3.125	7½¢	-	Tile layers -----	2.650	2.650	-	-
Tile layers -----	2.750	3.000	-	-					
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>				
Bricklayers' tenders -----	2.400	2.600	-	-	Bricklayers' tenders -----	1.490	1.490	-	-
Building laborers -----	1.975	2.100	-	-	Building laborers -----	1.375	1.375	-	-
Elevator constructors' helpers -----	2.065	2.150	6¢	-	Elevator constructors' helpers -----	2.180	2.265	6¢	-
Plasterers' laborers -----	2.500	2.700	10¢	-	Plasterers' laborers -----	1.750	1.750	-	-
Plumbers' laborers -----	1.975	2.100	-	-	Mortar mixers -----	1.750	1.750	-	-
Pipelayers -----	2.100	2.225	-	-	Plumbers' laborers -----	1.375	1.375	-	-
Terrazzo workers' helpers -----	1.975	2.100	-	-					

See footnotes at end of table.

\* This rate in effect prior to July 1, 1957; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>SAN FRANCISCO-OAKLAND, CALIF.</b>					<b>SAN FRANCISCO-OAKLAND, CALIF. - Continued</b>				
(Scales are the same for both cities unless otherwise indicated)					<b>Journeyman - Continued</b>				
<b>Journeyman</b>					<b>Mosaic and terrazzo workers -----</b>				
Asbestos workers -----	\$3.175	\$3.275	10¢	-	Painters -----	\$2.975	\$3.150	15¢	14¢
Boilermakers -----	3.275	3.450	7½¢	-	Paperhangers -----	3.100	3.200	14½¢	-
Bricklayers:					Pipefitters:	3.100	3.200	14½¢	-
San Francisco -----	3.750	3.750	15¢	14¢	San Francisco -----	3.450	3.670	12½¢	12½¢
Oakland -----	3.750	3.750	15¢	-	Oakland -----	3.690	3.960	12½¢	-
Carpenters -----	3.000	3.175	10¢	10¢	Plasterers:				
Floor layers, shinglers -----	3.125	3.300	10¢	10¢	San Francisco -----	3.563	3.690	10¢	15¢
Millwrights -----	3.200	3.375	10¢	10¢	Oakland -----	3.540	3.540	15¢	-
Cement finishers -----	2.995	3.220	10¢	-	Plumbers:				
Composition, and machine operators -----	3.135	3.360	10¢	-	San Francisco -----	3.450	3.670	12½¢	12½¢
Electricians (inside wiremen):					Oakland -----	3.325	3.590	10¢	10¢
San Francisco -----	3.375	3.525	10¢	1%	Rodmen -----	3.000	3.150	10¢	-
Oakland -----	3.300	3.525	10¢	1%	Roofers -----	3.000	3.200	10¢	-
Elevator constructors -----	3.400	3.520	6¢	-	Sheet-metal workers -----	3.300	3.450	7½¢	-
Engineers - Power equipment operators:					Stonemasons:				
Building construction:					San Francisco -----	3.750	3.750	15¢	14¢
Heavy equipment:					Oakland -----	3.750	3.750	15¢	-
Derricks -----	3.255	3.620	10¢	-	Structural-iron workers -----	3.250	3.400	10¢	-
Tractor-type shovel loaders -----	3.255	3.480	10¢	-	Ornamental -----	3.250	3.400	10¢	-
Medium equipment:					Tile layers -----	3.225	3.275	7½¢	-
Material hoists -----	2.985	3.190	10¢	-					
Mixermobiles -----	3.145	3.330	10¢	-	<b>Helpers and laborers</b>				
Scoopmobiles (when used as hoist) -----	2.985	3.190	10¢	-	Bricklayers' tenders:				
Scoopmobiles (when used as loader) -----	3.145	3.330	10¢	-	San Francisco -----	2.900	3.000	10¢	20¢
Light equipment:					Oakland -----	3.000	3.100	12¢	-
Compressors -----	2.705	2.890	10¢	-	Building laborers -----	2.325	2.505	10¢	-
Compressors (more than one) -----	3.035	3.250	10¢	-	Elevator constructors' helpers -----	2.380	2.460	6¢	-
Towermobiles -----	2.985	3.190	10¢	-	Marble setters' helpers -----	2.375	2.475	-	-
Concrete mixers (up to 1 yard) -----	2.705	2.890	10¢	-	Plasterers' tenders:				
Heavy construction:					San Francisco -----	3.000	3.100	10¢	10¢
Heavy equipment:					Oakland -----	3.420	3.420	15¢	-
Power shovels (up to and including 1 yard) -----	3.425	3.620	10¢	-	Terrazzo workers' helpers -----	2.350	2.600	7½¢	-
Power shovels (over 1 yard) -----	3.535	3.750	10¢	-	Wet-machine men -----	2.475	2.600	7½¢	-
Le Tourneau pulls -----	3.255	3.480	10¢	-	Tile layers' helpers -----	2.475	2.520	7½¢	-
Highline cableways -----	3.425	3.620	10¢	-					
Medium equipment:					<b>SCRANTON, PA.</b>				
Mucking machines -----	3.225	3.480	10¢	-	<b>Journeyman</b>				
Dual-drum mixers -----	3.145	3.330	10¢	-	Asbestos workers -----	3.100	3.200	10¢	-
Tractors -----	3.095	3.330	10¢	-	Bricklayers -----	3.125	3.500	-	-
Light equipment:					Carpenters -----	2.750	2.925	-	-
Locomotives -----	2.815	3.000	10¢	-	Millwrights -----	3.100	3.350	-	-
Locomotives (steam or over 30 tons) -----	3.095	3.300	10¢	-	Cement finishers -----	2.850	3.000	-	-
Truck cranes -----	3.255	3.620	10¢	-	Electricians (inside wiremen) -----	3.100	3.250	10¢	1%
Glaziers -----	2.850	3.050	7½¢	-	Elevator constructors -----	3.150	3.305	6¢	-
Lathers:					Engineers - Power equipment operators:				
San Francisco -----	3.438	3.438	7½¢	-	Building construction:				
Oakland -----	3.840	3.840	11¢	-	Heavy equipment:				
Machinists -----	3.250	3.350	-	-	Cranes (all types), derricks and power shovels -----	3.685	3.855	10¢	-
Marble setters -----	3.340	3.380	-	-	Medium equipment:				
					Tournapulls and carryalls -----	3.310	3.460	10¢	-
					Bulldozers and tractors -----	3.060	3.200	10¢	-

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>SCRANTON, PA. - Continued</b>					<b>SEATTLE, WASH. - Continued</b>				
<u>Journeyman - Continued</u>					<u>Journeyman - Continued</u>				
Engineers - Power equipment operators: - Continued					Cement finishers -----	\$2.900	\$3.040	-	-
Building construction: - Continued					Floor layers, composition and mastic -----	3.000	3.140	-	-
Light equipment:					Electricians (inside wiremen) -----	3.100	*3.250	7½¢	1%
Welding machines -----	\$3.235	\$3.385	10¢	-	Elevator constructors -----	3.190	3.370	6¢	-
Compressors and pumps -----	3.110	3.250	10¢	-	Engineers - Power equipment operators:				
Heavy construction:					Building construction:				
Heavy equipment:					Heavy equipment:				
Cranes (all types), power shovels, and cableways -----	3.685	3.855	10¢	-	Shovels and cranes, all crawler and truck types -----	3.360	3.460	10¢	10¢
Medium equipment:					Bulldozers -----	3.000	3.100	10¢	10¢
Tournapulls and carryalls -----	3.310	3.460	10¢	-	Carryall type scrapers:				
Bulldozers and tractors -----	3.060	3.200	10¢	-	Single -----	3.000	3.100	10¢	10¢
Light equipment:					Tandem -----	3.140	3.240	10¢	10¢
Welding machines -----	3.235	3.385	10¢	-	Medium equipment:				
Compressors and pumps -----	3.110	3.250	10¢	-	Hoists -----	3.050	3.130	10¢	10¢
Glaziers -----	2.400	2.550	-	-	Mixers, other than paving -----	3.050	3.130	10¢	10¢
Lathers -----	3.000	3.150	-	-	Piledrivers -----	3.150	3.240	10¢	10¢
Marble setters -----	3.050	3.500	-	-	Light equipment:				
Mosaic and terrazzo workers -----	3.050	3.500	-	-	Forklifts or lumber stackers (on construction job site) -----	2.990	3.080	10¢	10¢
Painters -----	2.375	2.625	-	-	Compressors, excavating -----	2.780	2.850	10¢	10¢
Swing -----	2.500	2.750	-	-	Heavy construction:				
Steel -----	2.750	3.000	-	-	Heavy equipment:				
Paperhangers -----	2.375	2.625	-	-	Shovels and cranes, all crawler and truck types -----	3.360	3.460	10¢	10¢
Pipefitters -----	3.100	3.100	-	-	Bulldozers -----	3.000	3.100	10¢	10¢
Plasterers -----	3.000	3.150	-	-	Carryall type scrapers:				
Plumbers -----	3.100	3.100	-	-	Single -----	3.000	3.100	10¢	10¢
Rodmen -----	3.700	4.050	10½¢	7½¢	Tandem -----	3.140	3.240	10¢	10¢
Roofers, composition -----	2.750	2.925	-	-	Medium equipment:				
Roofers, slate and tile -----	2.750	2.925	-	-	Hoists -----	3.050	3.130	10¢	10¢
Sheet-metal workers -----	2.900	2.975	10¢	-	Mixers, other than paving -----	3.050	3.130	10¢	10¢
Stonemasons -----	3.375	3.500	-	-	Piledrivers -----	3.150	3.240	10¢	10¢
Structural-iron workers -----	3.800	4.150	10½¢	7½¢	Light equipment:				
Tile layers -----	3.050	3.500	-	-	Forklifts or lumber stackers (on construction job site) -----	2.990	3.080	10¢	10¢
					Compressors, excavating -----	2.780	2.850	10¢	10¢
<u>Helpers and laborers</u>					Glaziers -----	2.770	2.950	-	-
Bricklayers' tenders -----	2.175	2.350	-	-	Lathers -----	3.175	3.400	10¢	-
Building laborers -----	2.025	2.200	-	-	Marble setters (inside) -----	3.350	3.350	10¢	-
Composition roofers' helpers -----	2.225	2.400	-	-	Marble setters (outside) -----	3.550	3.750	10¢	-
Elevator constructors' helpers -----	2.210	2.310	6¢	-	Mosaic and terrazzo workers -----	3.000	3.000	10¢	-
Marble setters' helpers -----	2.300	2.450	-	-	Painters -----	2.810	2.945	10¢	-
Plasterers' laborers -----	2.175	2.350	-	-	Structural steel, spray -----	2.960	3.095	10¢	-
Plumbers' laborers -----	2.025	2.200	-	-	Paperhangers -----	2.810	2.945	10¢	-
Terrazzo workers' helpers -----	2.300	2.450	-	-	Pipefitters -----	3.150	3.400	10¢	-
Tile layers' helpers -----	2.300	2.450	-	-	Plasterers -----	3.275	3.400	10¢	-
					Plumbers -----	3.150	3.400	10¢	-
<b>SEATTLE, WASH.</b>					Rodmen -----	2.870	3.050	10¢	-
<u>Journeyman</u>					Roofers, composition -----	2.900	3.040	-	-
Asbestos workers -----	3.250	3.250	10¢	-	Roofers, slate and tile -----	3.150	3.290	-	-
Boilermakers -----	3.275	3.450	7½¢	-	Sheet-metal workers -----	3.100	3.325	10¢	-
Bricklayers -----	3.550	3.750	10¢	-	Stonemasons -----	3.550	3.750	10¢	-
Sewer and tunnel -----	3.675	3.875	10¢	-	Structural-iron workers -----	3.070	3.250	10¢	-
Carpenters -----	2.800	2.940	10¢	-	Finishers -----	3.070	3.250	10¢	-
Floor layers, shinglers -----	2.930	3.070	10¢	-	Tile layers -----	3.230	3.400	10¢	-
Piledrivers, bridge and dock -----	2.900	3.040	10¢	-					

See footnotes at end of table.

\* This rate in effect prior to July 1, 1957; new scale in negotiation at time of survey.



TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>SEATTLE, WASH. - Continued</b>					<b>SPOKANE, WASH. - Continued</b>				
<u>Helpers and laborers</u>					<u>Journeyman - Continued</u>				
Bricklayers' tenders	\$2.670	\$2.810	10¢	-	Mosaic and terrazzo workers	\$3.270	\$3.420	-	-
Building laborers	2.370	2.510	10¢	-	Painters	2.760	2.880	7½¢	-
Elevator constructors' helpers	2.230	2.370	6¢	-	Spray, structural steel	2.910	3.030	7½¢	-
Marble setters' helpers	2.400	2.510	10¢	-	Paperhangers	2.760	2.880	7½¢	-
Plasterers' laborers	2.670	2.810	10¢	-	Pipefitters	3.150	3.400	10¢	-
Plumbers' laborers	2.370	2.510	10¢	-	Plasterers	3.320	3.450	-	-
Terrazzo workers' helpers	2.400	2.510	10¢	-	Plumbers	3.150	3.400	10¢	-
Tile layers' helpers	2.400	2.510	10¢	-	Rodmen	2.870	3.050	10¢	-
					Roofers	2.900	3.000	-	-
<b>SPOKANE, WASH.</b>					<b>Sheet-metal workers</b>				
<u>Journeyman</u>					<u>Stonemasons</u>				
Asbestos workers	3.200	3.200	10¢	-	Structural-iron workers	3.070	3.250	10¢	-
Boilermakers	3.275	3.450	7½¢	-	Finishers	3.070	3.250	10¢	-
Bricklayers	3.550	3.700	-	-	Tile layers	3.270	3.420	-	-
Carpenters	2.900	2.940	10¢	-	<u>Helpers and laborers</u>				
Millwrights	3.100	3.140	10¢	-	Bricklayers' tenders	2.620	2.750	-	-
Piledrivers	3.110	3.120	10¢	-	Building laborers	2.270	2.400	-	-
Cement finishers	2.900	3.040	-	-	Elevator constructors' helpers	2.230	2.370	6½¢	-
Electricians (inside wiremen)	3.200	3.325	-	1%	Marble setters' helpers	2.620	2.750	-	-
Elevator constructors	3.185	3.390	6½¢	-	Plasterers' laborers	2.750	2.900	-	-
Engineers - Power equipment operators:					<b>SPRINGFIELD, MASS.</b>				
Building construction:					<u>Journeyman</u>				
Heavy equipment:					Asbestos workers	3.075	3.200	9¢	-
Cranes and derricks	3.100	3.200	7½¢	-	Boilermakers	3.150	3.250	7½¢	-
Hoists - 2 or more drums	2.800	2.950	7½¢	-	Bricklayers	3.275	3.525	3%	-
Medium equipment:					Carpenters	2.825	3.000	10¢	-
Mixermobiles, pumpcretes (link-belt or similar)	2.850	2.950	7½¢	-	Cement finishers	3.275	3.525	3%	-
Concrete mixers	2.600	2.700	7½¢	-	Electricians (inside wiremen)	3.050	3.175	15¢	1%
Light equipment:					Elevator constructors	3.210	3.300	6¢	-
Compressors - 1 only (portable)	2.400	2.500	7½¢	-	Engineers - Power equipment operators:				
Compressors - 2 or more (portable)	2.600	2.700	7½¢	-	Building construction:				
Pumps	2.400	2.500	7½¢	-	Heavy equipment:				
Heavy construction:					Cranes, 3-drum hoists and over, power shovels, trench machines, and piledrivers	3.000	3.250	3%	-
Heavy equipment:					Medium equipment:				
Power shovels and shovel rigged machines (cranes, clamshells, etc.)	3.100	3.200	7½¢	-	Scrapers, tournapulls, and bulldozers	2.550	2.800	3%	-
Power shovels, over 3 yards (factory rating)	3.450	3.550	7½¢	-	Light equipment:				
Tractors	2.850	2.950	7½¢	-	1- and 2-drum hoists, boilers, and compressors	2.475	2.725	3%	-
Highline cableways	3.100	3.200	7½¢	-	Pumps	2.450	2.700	3%	-
Medium equipment:					Heavy construction:				
Locomotives (over 20 tons)	2.950	3.000	7½¢	-	Heavy equipment:				
Derricks and piledrivers	3.100	3.200	7½¢	-	Cranes, 3-drum hoists and over, power shovels, trench machines, and piledrivers	3.000	3.250	3%	-
Traxcavators and similar loaders	2.850	2.950	7½¢	-	Medium equipment:				
Light equipment:					Scrapers, tournapulls, and bulldozers	2.550	2.800	3%	-
Compressors - 1 only (portable)	2.400	2.500	7½¢	-					
Compressors - 2 or more (portable)	2.600	2.700	7½¢	-					
Pumps	2.400	2.500	7½¢	-					
Glaziers	2.610	2.740	-	-					
Lathers	3.075	3.400	-	-					
Marble setters	3.380	3.530	-	-					

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>SPRINGFIELD, MASS. - Continued</b>					<b>SYRACUSE, N. Y. - Continued</b>				
<u>Journeyman - Continued</u>					<u>Journeyman - Continued</u>				
Engineers - Power equipment operators: - Continued					Engineers - Power equipment operators: - Continued				
Heavy construction: - Continued					Building construction: - Continued				
Light equipment:					Light equipment:				
1- and 2-drum hoists, boilers, and compressors -----	\$2.475	\$2.725	3%	-	Welding machines, pumps (under 4 inches) -----	\$2.875	\$3.025	7½¢	-
Pumps -----	2.450	2.700	3%	-	Harmon Nelson heaters or their equivalent -----	2.625	2.775	7½¢	-
Glaziers -----	2.900	3.050	-	-	Heavy construction:				
Lathers -----	3.100	3.200	-	-	Heavy equipment:				
Marble setters -----	3.275	3.525	3%	-	Power shovels, and power cranes ---	3.425	3.575	7½¢	-
Mosaic and terrazzo workers -----	3.275	3.525	3%	-	Scrapers -----	3.175	3.325	7½¢	-
Painters -----	2.700	2.800	7¢	-	Medium equipment:				
Spray -----	3.600	3.700	7¢	-	Bulldozers (under D6), and compressors (215 cubic feet and over) -----	2.875	3.025	7½¢	-
Structural steel above 20 feet -----	2.950	3.050	7¢	-	Pumps 4 inches (and over) -----	3.175	3.325	7½¢	-
Paperhangers -----	2.700	2.800	7¢	-	Light equipment:				
Pipefitters -----	3.050	3.100	3%	10¢	Compressors (under 215 cubic feet) -----	2.625	2.775	7½¢	-
Plasterers -----	3.275	3.525	3%	-	Mixers (under 21E), and tractors -----	2.875	3.025	7½¢	-
Plumbers -----	3.100	3.200	3%	10¢	Glaziers -----	2.675	2.675	-	-
Rodmen -----	3.530	3.680	10¢	10¢	Lathers -----	3.325	3.475	7½¢	-
Roofers, composition -----	2.850	2.950	15¢	-	Marble setters -----	3.100	3.275	7½¢	-
Roofers, slate and tile -----	3.025	3.125	15¢	-	Mosaic and terrazzo workers -----	3.100	3.275	7½¢	-
Sheet-metal workers -----	3.050	3.300	10¢	10¢	Painters -----	2.700	2.850	-	-
Stonemasons -----	3.275	3.525	3%	-	Spray -----	2.950	3.100	-	-
Structural-iron workers -----	3.530	3.680	10¢	10¢	Structural steel -----	3.000	3.150	-	-
Tile layers -----	3.275	3.525	3%	-	Paperhangers -----	2.700	2.850	-	-
<u>Helpers and laborers</u>					<u>Helpers and laborers</u>				
Bricklayers' tenders -----	2.345	2.445	10¢	-	Pipefitters -----	3.225	3.325	10¢	-
Building laborers -----	2.075	2.175	7½¢	-	Plasterers -----	3.325	3.475	7½¢	-
Composition roofers' helpers -----	1.853	1.920	15¢	-	Plumbers -----	3.155	3.255	12¢	5¢
Elevator constructors' helpers -----	2.250	2.310	6¢	-	Rodmen -----	3.300	3.500	7½¢	-
Marble setters' helpers -----	2.420	2.520	-	-	Roofers -----	3.050	3.300	7½¢	-
Plasterers' laborers -----	2.345	2.445	10¢	-	Sheet-metal workers -----	3.100	3.350	7½¢	-
Terrazzo workers' helpers -----	2.420	2.520	-	-	Structural-iron workers -----	3.300	3.500	7½¢	-
Tile layers' helpers -----	2.420	2.520	-	-	Tile layers -----	3.100	3.275	7½¢	-
<b>SYRACUSE, N. Y.</b>					<b>TOLEDO, OHIO</b>				
<u>Journeyman</u>					<u>Journeyman</u>				
Asbestos workers -----	3.175	3.350	10¢	-	Asbestos workers -----	3.330	3.500	7¢	-
Boilermakers -----	3.600	3.600	7½¢	-	Boilermakers -----	3.400	3.570	7¢	-
Bricklayers -----	3.425	3.600	7½¢	-	Bricklayers -----	3.510	3.680	7¢	-
Carpenters -----	3.045	3.220	7½¢	-	Carpenters -----	3.325	3.570	7¢	-
Millwrights -----	3.150	3.325	7½¢	-	Cement finishers -----	3.400	3.570	7¢	-
Cement finishers -----	3.075	3.300	7½¢	-	Electricians (inside wiremen) -----	3.400	3.550	7¢	1%
Electricians (inside wiremen) -----	3.500	3.700	-	1%	Fixture hangers -----	3.250	3.400	7¢	1%
Elevator constructors -----	3.220	3.355	7½¢	-	Elevator constructors -----	3.345	3.585	6¢	-
Engineers - Power equipment operators:									
Building construction:									
Heavy equipment:									
Cranes, piledrivers, and 2- and 3-drum hoists -----	3.425	3.575	7½¢	-					
Medium equipment:									
1-drum hoists and pumps (4 inches and over) -----	3.175	3.325	7½¢	-					
Compressors (215 cubic feet and over) -----	2.875	3.025	7½¢	-					

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours and employer insurance and pension payments for building trades in 52 cities, July 1, 1956, and July 1, 1957 - Continued

Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>		Trade or occupation	Rate per hour		Employer contribution to fund <sup>1</sup>	
	July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension		July 1, 1956	July 1, 1957	Insurance <sup>2</sup>	Pension
<b>TOLEDO, OHIO - Continued</b>					<b>WASHINGTON, D. C. - Continued</b>				
<u>Journeyman - Continued</u>					<u>Journeyman - Continued</u>				
Engineers - Power equipment operators:					Bricklayers -----	\$3.650	\$3.750	9¢	-
Building and heavy construction:					Residential -----	3.500	3.500	-	-
Heavy equipment:					Carpenters -----	3.225	3.350	9¢	-
Cranes (all types), power					Piledrivers, and millwrights -----	3.350	3.475	9¢	-
shovels, and derricks -----	\$3.400	\$3.570	-	-	Cement finishers -----	3.150	3.275	10¢	-
Medium equipment:					Electricians (inside wiremen) -----	3.500	3.750	10¢	1%
Power graders -----	3.120	3.290	-	-	Elevator constructors -----	3.500	3.630	6¢	-
Rollers, asphalt -----	2.985	3.155	-	-	Engineers - Power equipment operators:				
Trench machines -----	3.120	3.290	-	-	Heavy equipment:				
Light equipment:					Cranes, shovels, and piledrivers -----	3.425	3.550	10¢	-
Bulldozers -----	3.120	3.290	-	-	Medium equipment:				
Pumps, 4 inches and over -----	2.985	3.155	-	-	Hoists, single or double drum -----	3.425	3.550	10¢	-
Pumps, under 4 inches -----	2.570	2.740	-	-	Trench machines -----	3.165	3.290	10¢	-
Compressors (intermediate) -----	2.985	3.155	-	-	Light equipment:				
Glaziers -----	2.850	2.950	(5)	-	Compressors and pumps -----	2.995	3.120	10¢	-
Lathers -----	3.400	3.510	7¢	-	Bulldozers -----	2.875	3.000	10¢	-
Marble setters -----	3.510	3.680	7¢	-	Glaziers -----	3.000	3.125	8¢	-
Mosaic and terrazzo workers -----	3.330	3.330	7¢	-	Lathers -----	3.450	3.650	15¢	-
Painters -----	3.020	3.190	7¢	-	Machinists -----	3.250	3.400	-	-
Spray -----	3.320	3.490	7¢	-	Marble setters -----	3.550	3.650	17½¢	-
Brush, swing -----	3.270	3.440	7¢	-	Mosaic and terrazzo workers -----	3.375	3.550	(5)	-
Spray, swing -----	3.570	3.740	7¢	-	Painters -----	3.050	3.200	10¢	-
Paperhangers -----	3.020	3.190	7¢	-	Bridge, structural steel, swing stage -----	3.380	3.530	10¢	-
Pipefitters -----	3.400	3.550	7¢	-	Paperhangers -----	3.050	3.200	10¢	-
Air conditioning and refrigeration fitters -----	3.400	*3.400	7¢	-	Pipefitters -----	3.510	3.560	10¢	-
Plasterers -----	3.400	3.510	7¢	-	Refrigeration and oil burner fitters:				
Plumbers -----	3.400	3.550	7¢	-	5 horsepower or less -----	2.800	2.950	10¢	-
Rodmen -----	3.295	3.540	7¢	-	Over 5 horsepower -----	3.300	3.450	10¢	-
Roofers, composition and built-up moppers -----	3.200	3.370	7¢	-	Sprinkler fitters -----	3.100	3.350	7½¢	5¢
Roofers, slate and tile -----	3.200	3.370	7¢	-	Plasterers -----	3.450	3.650	15¢	-
Sheet-metal workers -----	3.200	3.370	7¢	-	Plumbers -----	3.410	3.560	10¢	-
Stonemasons -----	3.510	3.680	7¢	-	Rodmen -----	3.400	3.500	10¢	-
Structural-iron workers -----	3.400	3.570	7¢	-	Roofers, composition -----	2.500	2.620	10¢	-
Tile layers -----	3.330	3.330	7¢	-	Roofers, slate and tile -----	3.000	3.120	10¢	-
Helpers and laborers					Sheet-metal workers -----	3.410	3.560	10¢	-
Bricklayers' tenders and mortar mixers -----	2.650	2.820	7¢	-	Stonemasons -----	3.650	3.775	17½¢	-
Building laborers -----	2.520	2.690	7¢	-	Structural-iron workers -----	3.650	3.800	10¢	-
Elevator constructors' helpers -----	2.340	2.510	6¢	-	Tile layers -----	3.375	3.550	(5)	-
Marble setters' helpers -----	2.375	2.375	7¢	-	Helpers and laborers				
Plasterers' tenders -----	2.700	2.870	7¢	-	Building laborers -----	2.100	2.200	7½¢	-
Terrazzo workers' helpers -----	2.375	2.375	7¢	-	Residential -----	1.872	1.950	6¢	5¢
Base grinders -----	2.585	2.585	7¢	-	Composition roofers' helpers -----	1.950	2.070	10¢	-
Tile layers' helpers -----	2.375	2.375	7¢	-	Elevator constructors' helpers -----	2.450	2.540	6¢	-
Helpers and laborers					Marble setters' helpers -----	2.375	2.550	3¢	-
Helpers and laborers					Plasterers' laborers -----	2.300	2.450	10¢	-
Helpers and laborers					Plumbers' laborers -----	2.100	2.200	10¢	-
Helpers and laborers					Terrazzo workers' helpers -----	2.375	2.550	(5)	-
Helpers and laborers					Tile layers' helpers -----	2.375	2.550	(5)	-
<b>WASHINGTON, D. C.</b>					<b>WASHINGTON, D. C.</b>				
<u>Journeyman</u>					<u>Journeyman</u>				
Asbestos workers -----	3.400	3.650	10¢	-					
Boilermakers -----	3.400	3.550	7½¢	-					

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

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

<sup>3</sup> 30-hour workweek.

<sup>4</sup> Information not available for rate and hours on July 1, 1956.

<sup>5</sup> Contract provides for this benefit; amount of contribution not reported separately.

<sup>6</sup> 35-hour workweek.

<sup>7</sup> 42½-hour workweek.

\* This rate in effect prior to July 1, 1957; new scale in negotiation at time of survey.

