

# Union Wages and Hours: Building Trades

July 1, 1954

**Bulletin No. 1175**

**UNITED STATES DEPARTMENT OF LABOR**

James P. Mitchell, Secretary

**BUREAU OF LABOR STATISTICS**

Aryness Joy Wickens, Acting Commissioner





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# Union Wages and Hours in the Building Trades, July 1, 1954<sup>1</sup>

## Summary

Hourly scales rose an average of 10 cents, or 3.7 percent, between July 1, 1953, and July 1, 1954, for union building trades workers in cities with populations of 100,000 or more, according to the Bureau of Labor Statistics' forty-eighth annual survey of union scales in the building trades. Pay scales for most of the 33 surveyed trades showed average advances ranging from 8 to 12 cents an hour during this 1-year period.

In terms of workers affected, approximately five-sixths of the unionized construction workers included in the study received upward adjustments in their pay scales. The advances typically ranged between 5 and 20 cents an hour; for about a tenth of the tradesmen, however, the increase in union rates amounted to 20 cents or more an hour.

As a result of these widespread adjustments union hourly scales averaged \$2.80 for all building trades workers; \$2.99 for journeymen, and \$2.05 for helpers and laborers. On July 1, 1954, a majority of the journeymen had rates ranging from \$2.70 to \$3.20, while a similar proportion of helpers and laborers had scales varying from \$1.80 to \$2.30 an hour.

Straight-time weekly work schedules averaged 39.4 hours for all building trades workers. The most common schedule, five 8-hour days, applied to seven-eighths of the workers studied.

Negotiated health and insurance plans covered about three-fifths of the surveyed workers. Pension plans developed through collective bargaining were found to cover an eighth of the workers.

## Scope and Method of Study<sup>2</sup>

Union scales are defined as the minimum wage scales or maximum schedules of hours

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

The information presented in this report was based on union scales in effect on July 1, 1954, and covered approximately 690,000 journeymen and 170,000 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 throughout the United States. The data for some of the cities included in the study were weighted in order to compensate for the other cities which were not surveyed. In order to provide appropriate representation in the combination of the data, each geographic region and population group was 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, 1954. Individual scales are weighted by number of union members receiving each rate. These averages are not designed for precise year-to-year comparisons because of fluctuations in membership and in the job classifications studied. Average cents-per-hour and percent changes from July 1, 1953, to July 1, 1954, 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 of Union Scales, 1907-54

Except in 1922 and in 1932-33, the Bureau's index of union wage rates for all building trades combined has advanced steadily each year over the 48-year interval since 1907. This increase has been at an average annual rate of 4.4 percent.

<sup>1</sup> Prepared by John F. Laciskey of the Bureau's Division of Wages and Industrial Relations.

<sup>2</sup> Certain changes in the scope and method of conducting the survey were made in 1953. See BLS Bulletin No. 1152.

The rate of increase, however, has varied markedly during these years. Moderate increases prior to World War I were followed by sharp gains during and immediately after the War with the result that the level of rates in 1921 had more than doubled compared with 1907. After a slight setback in 1922, rates again advanced steadily, increasing by slightly more than a third in the 10-year period ending in 1931. A relatively sharp decline in 1932, followed by a further slight decrease the next year, was not offset until 1938, with the result that by 1941 the level of union scales was less than 10 percent above the predepression period of the early 1930's. The World War II period (1941-46) witnessed a relatively moderate increase (about 23 percent) in the index of building trades rates. This has been followed by successive substantial increases during 1946-54 which, in the aggregate, reflected a rise of about 70 percent during that period. The 3.7 percent rise in union scales for the year ending July 1, 1954, was the smallest annual increase recorded in the post-World War II period.

Of the 24 journeymen trades and the 9 helper and laborer classifications currently included in the index, union wage data since 1907 are available only for 12 journeymen trades and 3 laborer classifications. Indexes for these crafts show that between 1907 and 1916 wage scales for individual trades showed gains varying from 10 to 54 percent; journeymen, as a group advanced 32 percent and helpers and laborers, 23 percent. From the post-World War I low point (1922) to the predepression peak (1931) the 12 journeymen trades recorded advances of 43 to 52 percent, and as a group, 45 percent. Gains for helpers and laborers, in this period, averaged from 25 to 54 percent in individual classifications, and 41 percent for the group. Between 1931 and the start of World War II in 1941, the 12 journeymen trades showed average increases ranging from 2 to 15 percent; among the 3 laborer groups, the gains averaged 6 to 18 percent. During this period, helpers and laborers, as a group, advanced their level 15 percent as compared to 7 percent for all the journeymen's trades combined. Gains during the World War II period (1941-46) were tempered by the Government's wage stabilization program. The largest percentage increase occurred between mid-1945 and mid-1946. Since July 1, 1946, scales for helpers and laborers have moved upward substantially more than those for journeymen—83 percent compared with 67 percent, respectively. Within these broad groups average increases were fairly uniform. Individual journeymen trades registered average advances of 62 to 73 percent, with 8 of the 12 crafts having gains of 66 to 68 percent; advances varied from 77 to 86 percent for the 3 laborer classifications.

In general, the data indicate that the long-term wage trends of narrowing differentials between skilled and semiskilled or unskilled groups of workers, characteristic of American industry as a whole, also prevailed in the construction industry. Thus, the annual rate of increase in union scales was 4.3 percent for journeymen as against 5.0 percent for helpers and laborers during the period, 1907-54.

#### Scale Increases, 1953-54

During the year ending July 1, 1954, union scales for all building trades workers advanced, on the average, 10 cents an hour. Journeymen's scales increased by a similar amount, whereas helpers and laborers showed an average rise of 9 cents (table 3). This compared with an increase of 13 cents an hour for each group in the preceding 12-month period.

Among the building trades studied, steam and sprinkler fitters and plumbers registered the greatest advance with an average gain of 16 cents an hour; asbestos workers' scales advanced 14 cents an hour, on the average, and boilermakers and sheet-metal workers, 13 cents. Pay scales for most other trades showed average advances of 8 to 12 cents an hour. For stonemasons, scales rose 7 cents, and for composition roofers' helpers and plasterers, 6 cents. Tile layers' helpers, with an average rise of 12 cents, registered the greatest gain among the helper and laborer classifications.

Percentagewise, the increases ranged from 1.8 to 5.5 percent. They averaged 3.6 percent for all journeymen combined and 4.3 percent for the helper and laborer category. Plasterers and stonemasons—two of the highest paid crafts—were the only trades to register advances of less than 2.5 percent. Plumbers, steam and sprinkler fitters, plumbers' laborers, and tile layers' helpers had average gains in excess of 5 percent.

In terms of number of workers involved, hourly scales of four-fifths of the unionized journeymen and seven-eighths of the helpers and laborers were raised during the year. Workers benefiting from scale increases between July 1, 1953, and July 1, 1954, typically had adjustments of 5 to 15 cents an hour, with increases within this range applying to about 3 of every 5 workers. Among the journeymen affected by scale advances, 31 percent received from 5 to 10 cents an hour, 36 percent from 10 to 15 cents, and 16 percent from 15 to 20 cents. Of the helpers and laborers whose scales were adjusted upward, 38 percent gained from 5 to 10 cents and 44 percent from 10 to 15 cents an hour (table 5).



Upward adjustments during the year represented increases of less than 3 percent for a sixth of the journeymen benefiting from scale changes; from 3 to 4 percent for a third; from 4 to 5 percent for a seventh; and from 5 to 10 percent for two-sevenths. Among the helpers and laborers receiving raises, slightly over half recorded gains of 5 to 10 percent, and nearly a fourth from 4 to 5 percent.

### Hourly Wage Scales

Wide variations in rates were noted among the journeymen construction trades. The range was from \$1.65 for glaziers in Charlotte, N. C., to \$4 an hour for spray painters in Louisville, Ky. Agreements providing rates of \$2.70 to \$3.30 an hour were applicable to 2 of every 3 journeymen. Hourly scales of less than \$2.70 prevailed for 1 of every 6, and of \$3.30 or more for a similar proportion. Negotiated scales of at least \$3.50 an hour were reported for some workers in 17 of the 24 trades. Hourly scales under \$2.30 were applicable to small proportions of workers (typically fewer than 5 percent) in 15 trades (table 7).

Fifteen of the 24 journeymen trades had average hourly rates of \$3 or more per hour. Bricklayers, with an average hourly scale of \$3.39, were highest, followed by plasterers (\$3.27) and stonemasons (\$3.25). The lowest average (\$2.67) was recorded for glaziers. Paperhangers, composition roofers, and painters, were the only other crafts to average less than \$2.80 and hour.

Helpers and laborers, as a group, averaged \$2.05 an hour. Although their rates varied from 90 cents to \$3.19 an hour, three-fifths were covered by contracts stipulating hourly scales of \$1.80 to \$2.40. Scales averaged highest for terrazzo workers' helpers (\$2.39) and lowest for composition roofers' helpers (\$1.89). Building laborers—the largest group—averaged \$1.96 an hour.

### City and Regional Variations

Upward rate adjustments during the year affected some construction workers in each of the surveyed cities. The average hourly increase in half of the cities varied from 8 to 13 cents for journeymen, and from 7 to 12 cents for helpers and laborers (table 6).

The substantially local nature of the construction industry is reflected in the relatively wide variation in the negotiated scales for individual crafts, as well as in the level of rates, among cities and among regions. As an example of the variation in rates among individual crafts, wage scales of plasterers on July 1, 1954, ranged from \$2.25 an hour in Charlotte, N. C., to \$3.75 in Newark, N. J.

Within individual cities, union scales for the 24 journeymen trades also showed considerable variation. The range of rates for journeymen in 6 typical cities is shown in the following tabulation:

| City                        | Scale range                             | Difference in                  |         |
|-----------------------------|---|--------------------------------|---------|
|                             |   | Cents-per-hour                 | Percent |
| Atlanta .....               | \$1.75 - \$3.10                         | 135                            | 77      |
| Boston .....                | 2.50 - 3.15                             | 65                             | 26      |
| Chicago .....               | 2.85 - 3.57 <sup>1</sup> / <sub>2</sub> | 72 <sup>1</sup> / <sub>2</sub> | 25      |
| Dallas .....                | 2.15 - 3.50                             | 135                            | 63      |
| New York .....              | 2.89 - 3.80                             | 91                             | 31      |
| San Francisco-Oakland ..... | 2.55 - 3.54                             | 99                             | 39      |

The difference between the lowest and highest scales for the 9 helper and laborer classifications was smaller than for journeymen in each of the above cities, except New York and San Francisco-Oakland. The difference, in these 2 cities, amounted to \$1 and \$1.07, respectively. In the other 4 cities, it ranged from 25 cents in Boston to 74 cents in Atlanta.

The city and regional averages presented in tables 8 and 9 are designed to show current levels of rates and do not measure differences in union scales of the various crafts among areas. As indicated previously, a comparison of scales for individual crafts will show that differences exist in rates among areas. The city and regional averages, however, are influenced not only by intercity rate differences, but also by differences in the proportion of organized workers in the various crafts. To illustrate: (1) A particular craft or classification may not be organized in some areas or may be organized less intensively in some areas than in others; and (2) 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. Such differences are reflected in the weighting of individual rates by the number of workers employed with the result that although rates for the individual crafts in two areas may be identical the average for all crafts combined in the respective areas may differ.

Among the 52 cities studied, hourly scales averaged highest in Newark, N. J., and lowest in Charlotte, N. C., both for the journeymen trades and for helpers and laborers. The respective averages in these cities were \$3.47 and \$2.39 for journeymen and \$2.69 and \$1.10 for helpers and laborers. Averages of \$3 or more an hour prevailed for all journeymen trades combined in 14 cities. In 3 of every 4 cities, the level for journeymen was at least

\$2.75; in half of these cities the levels were concentrated between \$2.80 and \$3. Levels of \$1.70 or more prevailed for helpers and laborers in three-fourths of the cities. Among this group of cities average scales varying from \$2 to \$2.25 predominated.

In table 8, the cities surveyed are grouped by population size. Average hourly scales for journeymen and for helpers and laborers varied by size of city. The average for journeymen for the group of cities with 100,000 to 250,000 population was \$2.77; it was 40 cents higher (\$3.17) for the largest size group (1,000,000 population and over). For helpers and laborers, the comparable averages were \$1.84 and \$2.30, respectively. In both groups, there was some overlapping of average scales among cities in different size groups. Among journeymen, for example, the average for Peoria (100,000 to 250,000) was higher than the average for all but 3 of the cities shown in the next largest size group.

Within each population size group, the spread between the highest and lowest city averages was greatest in cities having populations of 250,000 to 500,000—86 cents for journeymen and \$1.41 for helpers and laborers.

On a regional basis, average union hourly scales for building trades workers in cities of 100,000 or more population ranged from \$2.30 in the Southeast to \$3.05 in the Middle Atlantic States. The Great Lakes area was the only other region in which the level exceeded the national average of \$2.80 (table 9).

Rates for journeymen averaged highest (\$3.27) in the Middle Atlantic States and lowest (\$2.64) in the Southeast. Averages of \$3 or more an hour for individual journeymen trades were typical in the Middle Atlantic region, but only 2 trades—stonemasons and bricklayers—had such levels in the Southeast. Roofers and glaziers in the latter region and composition roofers in the Southwest were the only trades to average below \$2.25 an hour.

For helpers and laborers, the highest and lowest levels (\$2.28 and \$1.37) were in the Middle Atlantic and Southeast regions, respectively. Average hourly rates of \$2 or more were reported for all 9 helpers and laborers classifications in the Pacific and Great Lakes regions, and for all except composition roofers' helpers in Middle Atlantic and Middle West regions.

#### Standard Workweek

Very few construction trades workers were affected by negotiated changes in the basic workweek between July 1, 1953, and July 1, 1954. Such changes as occurred had no effect on the average workweek which re-

mained at 39.4 hours for all building trades workers, 39.3 hours for journeymen, and 39.5 for helpers and laborers.

A standard workweek of 40 hours prevailed for nearly seven-eighths of the journeymen and nine-tenths of the helpers and laborers. Labor-management contracts stipulating a 35-hour workweek were in effect for about 1 of every 8 journeymen and 1 of every 12 helpers and laborers. Such shorter work schedules were more common for bricklayers, lathers, painters, and bricklayers' tenders than for other crafts. A negotiated 30-hour workweek was reported for about a sixth of the plasterers and a tenth of the plasterers' laborers (table 12).

#### Insurance and Pension Plans

In addition to union scales of wages and hours, data were collected for the first time in this series of annual surveys on the prevalence of negotiated health, insurance, and pension plans in the building construction industry. The data were restricted to those plans financed entirely by the employers or jointly by the workers and employers. Worker-financed plans, such as those paid for through union dues or assessments, were excluded from the study. No attempt was made to secure information on the type and extent of benefits provided or the cost of such benefits.

Negotiated health, insurance, and pension programs have increased in number in the construction industry in recent years. The development of plans on a widespread basis has perhaps not been as rapid as in many other industries where problems of seasonal operations and casualness of employment do not have to be met, particularly in the development of long-range pension programs. Moreover, most of the construction trades unions, for many years, have operated their own union benefit programs providing death, old-age, sickness, and disability payments to their members. These factors undoubtedly have influenced the development of negotiated insurance and pension programs.

The data collected by the Bureau indicated that a substantially greater number of organized building trades workers were covered by negotiated health and insurance programs than by pension programs as of July 1, 1954. For all workers combined, nearly three-fifths were covered by health or insurance programs. Slightly more than one-third of the workers reportedly were not covered by a negotiated plan; information was not available as to the existence or nonexistence of a plan for about 5 percent of the workers. Among the groups of workers provided health and insurance protection, about 90 percent of the workers were covered by plans financed entirely by

employer contributions; the remaining 10 percent of the workers contributed, together with their employers, to the cost of the programs.

A majority of union members in a number of trades were employed under the terms of labor-management contracts providing health and insurance plans. Among the trades in which such plans were most prevalent were asbestos workers, elevator constructors, painters, plumbers, sheet-metal workers, structural-iron workers, composition roofers' helpers and elevator constructors' helpers.

Pension plan provisions were incorporated into labor-management agreements covering about an eighth of the building tradesmen included in the study. Such provisions were not in contracts applicable to four-fifths of the workers. Information was not reported as to the existence or nonexistence of a plan in a

number of instances involving, in the aggregate, about 6 percent of the workers in the trades.

Noncontributory plans (employer financed) prevailed for two-thirds of the covered workers and employer-worker jointly financed plans for a third. Pension plans were more common for electricians than for other trades. Bricklayers, lathers, plasterers, plumbers, sheet-metal workers, and steam and sprinkler fitters were also among the trades in which a substantial proportion of workers were covered by pension plans.

#### Union Scales by City and Trade

Union scales of wages and hours in effect on July 1, 1953, and July 1, 1954, for the individual trades in each of the 52 cities included in the study are presented in table 13.

TABLE 1.—Indexes of union hourly wage rates in the building trades, 1907-54

(Average 1947, 1948, and 1949 = 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                |

TABLE 2.—Indexes of union hourly wage rates in each building trade, 1907-54

(Average 1947, 1948, and 1949 = 100)

| Date              | Asbestos workers | Boiler-makers | Brick-layers | Carpenters | Cement finishers | Electricians (inside wiremen) | Elevator constructors | Gla-ziers | Lath-ers | Ma-chin-ists | Marble setters | Mosaic and ter-razzo workers | Paint-ers | Paper-hangers | Plas-terers |
|-------------------|------------------|---------------|--------------|------------|------------------|-------------------------------|-----------------------|-----------|----------|--------------|----------------|------------------------------|-----------|---------------|-------------|
| 1907: May 15 ---- | -                | -             | 23.3         | 18.5       | 22.0             | 18.1                          | -                     | -         | -        | -            | 24.6           | -                            | 17.1      | -             | 24.9        |
| 1908: May 15 ---- | -                | -             | 23.9         | 19.7       | 21.9             | 19.7                          | -                     | -         | -        | -            | 24.8           | -                            | 19.0      | -             | 24.8        |
| 1909: May 15 ---- | -                | -             | 24.4         | 20.7       | 22.5             | 20.4                          | -                     | -         | -        | -            | 25.0           | -                            | 20.3      | -             | 25.0        |
| 1910: May 15 ---- | -                | -             | 24.9         | 21.7       | 22.8             | 21.0                          | -                     | -         | -        | -            | 25.3           | -                            | 21.6      | -             | 25.3        |
| 1911: May 15 ---- | -                | -             | 24.9         | 22.0       | 23.7             | 21.2                          | -                     | -         | -        | -            | 25.6           | -                            | 22.0      | -             | 25.4        |
| 1912: May 15 ---- | -                | -             | 25.2         | 22.5       | 23.7             | 21.4                          | -                     | -         | 21.7     | -            | 25.6           | -                            | 22.2      | -             | 26.0        |
| 1913: May 15 ---- | -                | -             | 25.7         | 22.8       | 24.2             | 21.9                          | -                     | -         | 22.3     | -            | 27.3           | -                            | 23.2      | -             | 26.2        |
| 1914: May 15 ---- | -                | -             | 26.3         | 23.2       | 24.4             | 22.6                          | 25.7                  | -         | 22.6     | -            | 27.6           | -                            | 24.0      | -             | 26.3        |
| 1915: May 15 ---- | -                | -             | 26.4         | 23.5       | 24.7             | 23.0                          | 25.8                  | -         | 23.0     | -            | 27.9           | -                            | 24.1      | -             | 26.4        |
| 1916: May 15 ---- | 23.6             | -             | 26.6         | 24.2       | 24.9             | 23.5                          | 26.5                  | -         | 23.6     | -            | 28.0           | 22.1                         | 26.3      | -             | 27.4        |
| 1917: May 15 ---- | 24.8             | -             | 27.5         | 26.3       | 26.4             | 25.1                          | 28.4                  | -         | 24.5     | -            | 28.0           | 23.3                         | 27.1      | -             | 28.2        |
| 1918: May 15 ---- | 27.8             | -             | 29.6         | 29.2       | 29.1             | 27.8                          | 30.2                  | 26.6      | 26.5     | -            | 29.5           | 25.2                         | 29.9      | -             | 29.7        |
| 1919: May 15 ---- | 33.8             | -             | 32.9         | 33.6       | 26.2             | 31.9                          | 35.1                  | 28.4      | 29.5     | -            | 32.8           | 27.1                         | 35.0      | -             | 34.2        |
| 1920: May 15 ---- | 43.9             | -             | 44.8         | 45.0       | 44.3             | 42.1                          | 45.2                  | 41.1      | 42.0     | -            | 43.3           | 40.0                         | 47.7      | -             | 44.7        |
| 1921: May 15 ---- | 44.5             | -             | 44.5         | 45.4       | 45.8             | 43.6                          | 47.5                  | 41.9      | 42.6     | -            | 44.0           | 40.8                         | 49.1      | -             | 47.2        |
| 1922: May 15 ---- | 41.4             | -             | 43.3         | 42.0       | 42.5             | 41.1                          | 44.4                  | 41.9      | 40.1     | -            | 43.1           | 39.6                         | 46.0      | -             | 45.3        |
| 1923: May 15 ---- | 43.0             | -             | 49.0         | 46.9       | 46.5             | 42.7                          | 47.2                  | 44.5      | 44.3     | -            | 48.7           | 40.5                         | 50.4      | -             | 50.5        |
| 1924: May 15 ---- | 48.0             | -             | 51.9         | 50.1       | 51.4             | 47.6                          | 53.0                  | 46.9      | 47.7     | -            | 51.0           | 47.8                         | 53.1      | -             | 56.5        |
| 1925: May 15 ---- | 49.9             | -             | 54.9         | 51.2       | 51.6             | 50.1                          | 55.5                  | 52.2      | 52.0     | -            | 52.0           | 50.3                         | 56.0      | -             | 57.5        |
| 1926: May 15 ---- | 53.4             | -             | 58.2         | 54.9       | 55.1             | 52.8                          | 58.5                  | 52.9      | 53.4     | -            | 58.2           | 51.4                         | 59.4      | -             | 61.7        |
| 1927: May 15 ---- | 56.0             | -             | 59.7         | 56.7       | 57.6             | 55.0                          | 60.6                  | 56.5      | 55.5     | -            | 59.4           | 53.4                         | 61.4      | -             | 63.0        |
| 1928: May 15 ---- | 56.4             | -             | 60.1         | 56.9       | 57.0             | 55.5                          | 61.2                  | 57.1      | 55.7     | -            | 59.7           | 56.0                         | 62.4      | -             | 63.2        |
| 1929: May 15 ---- | 59.0             | -             | 61.5         | 57.8       | 57.0             | 57.8                          | 61.4                  | 58.0      | 55.3     | -            | 63.9           | 58.7                         | 62.2      | -             | 62.4        |
| 1930: May 15 ---- | 62.4             | -             | 63.0         | 60.1       | 60.7             | 58.9                          | 64.2                  | 60.7      | 57.6     | -            | 64.1           | 61.5                         | 65.8      | -             | 65.5        |
| 1931: May 15 ---- | 63.0             | -             | 62.9         | 60.3       | 61.0             | 59.6                          | 64.6                  | 61.1      | 57.3     | -            | 64.5           | 62.0                         | 66.0      | -             | 65.4        |
| 1932: May 15 ---- | 52.5             | -             | 53.8         | 49.4       | 53.2             | 56.9                          | 60.1                  | 51.1      | 51.5     | -            | 59.0           | 57.7                         | 55.8      | -             | 54.3        |
| 1933: May 15 ---- | 52.4             | -             | 52.4         | 49.3       | 52.0             | 52.0                          | 55.8                  | 51.0      | 49.6     | -            | 57.1           | 52.6                         | 54.7      | -             | 52.2        |
| 1934: May 15 ---- | 52.3             | -             | 52.6         | 50.1       | 52.5             | 52.1                          | 56.0                  | 54.1      | 50.9     | -            | 56.8           | 53.3                         | 53.8      | -             | 52.8        |
| 1935: May 15 ---- | 53.0             | -             | 51.8         | 50.8       | 52.8             | 54.6                          | 56.0                  | 54.6      | 51.5     | -            | 57.2           | 53.3                         | 54.0      | -             | 53.4        |
| 1936: May 15 ---- | 55.1             | -             | 52.1         | 53.4       | 54.1             | 56.0                          | 56.7                  | 55.4      | 52.7     | -            | 57.5           | 53.4                         | 56.7      | -             | 53.7        |
| 1937: May 15 ---- | 59.4             | 61.0          | 55.8         | 56.8       | 58.1             | 58.5                          | 58.9                  | 60.7      | 56.3     | 59.7         | 60.8           | 56.0                         | 60.8      | 63.7          | 59.2        |
| 1938: June 1 ---- | 65.0             | 67.3          | 61.6         | 61.9       | 63.4             | 64.4                          | 66.1                  | 65.1      | 62.3     | 63.6         | 66.0           | 62.2                         | 64.9      | 64.8          | 66.2        |
| 1939: June 1 ---- | 65.4             | 67.8          | 61.9         | 62.1       | 63.7             | 64.7                          | 67.2                  | 65.5      | 64.3     | 63.7         | 66.2           | 63.1                         | 65.4      | 65.1          | 66.8        |
| 1940: June 1 ---- | 66.1             | 68.8          | 63.2         | 63.6       | 64.2             | 65.8                          | 68.2                  | 66.2      | 64.8     | 64.0         | 67.3           | 63.4                         | 65.5      | 65.6          | 67.1        |
| 1941: June 1 ---- | 68.5             | 70.1          | 64.7         | 65.0       | 66.5             | 68.8                          | 69.8                  | 68.3      | 67.2     | 65.8         | 67.5           | 64.0                         | 69.9      | 70.0          | 68.2        |
| 1942: July 1 ---- | 73.5             | 74.5          | 67.0         | 69.6       | 70.5             | 73.5                          | 73.7                  | 71.3      | 70.2     | 69.1         | 68.7           | 66.0                         | 72.2      | 73.1          | 70.1        |
| 1943: July 1 ---- | 73.7             | 74.6          | 67.3         | 69.8       | 71.3             | 73.7                          | 74.4                  | 71.8      | 70.2     | 70.7         | 69.0           | 67.1                         | 73.5      | 73.3          | 70.2        |
| 1944: July 1 ---- | 74.1             | 74.6          | 68.1         | 70.4       | 72.0             | 74.3                          | 74.8                  | 72.2      | 70.8     | 71.1         | 69.8           | 68.0                         | 74.2      | 74.3          | 70.7        |
| 1945: July 1 ---- | 74.9             | 75.3          | 69.7         | 71.6       | 72.7             | 75.7                          | 75.3                  | 73.5      | 71.7     | 71.1         | 72.4           | 69.3                         | 75.2      | 74.6          | 71.8        |
| 1946: July 1 ---- | 82.2             | 81.3          | 77.7         | 80.5       | 81.6             | 80.9                          | 80.2                  | 80.8      | 79.9     | 79.3         | 80.4           | 78.4                         | 83.2      | 83.0          | 79.4        |
| 1947: July 1 ---- | 91.3             | 90.8          | 89.9         | 92.8       | 91.9             | 91.2                          | 91.8                  | 93.0      | 92.9     | 91.8         | 91.6           | 92.1                         | 93.1      | 94.6          | 93.0        |
| 1948: July 1 ---- | 100.7            | 101.8         | 102.5        | 102.2      | 102.6            | 100.0                         | 100.8                 | 101.9     | 101.5    | 101.3        | 102.2          | 102.4                        | 100.9     | 100.0         | 98.9        |
| 1949: July 1 ---- | 108.0            | 107.5         | 107.7        | 104.9      | 105.6            | 108.8                         | 107.4                 | 105.2     | 105.6    | 107.0        | 106.2          | 105.6                        | 106.0     | 105.4         | 108.1       |
| 1950: July 1 ---- | 113.3            | 112.4         | 111.6        | 110.1      | 110.0            | 111.5                         | 112.6                 | 111.0     | 115.5    | 108.6        | 110.0          | 111.3                        | 109.6     | 109.6         | 113.0       |
| 1951: July 1 ---- | 119.9            | 118.2         | 116.3        | 117.4      | 117.0            | 120.0                         | 118.8                 | 116.5     | 120.9    | 115.2        | 113.7          | 118.2                        | 116.8     | 116.8         | 118.5       |
| 1952: July 1 ---- | 125.3            | 125.8         | 126.2        | 124.6      | 122.4            | 126.8                         | 123.5                 | 121.8     | 125.0    | 120.3        | 121.8          | 122.0                        | 124.4     | 123.9         | 125.3       |
| 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         | 130.1       |
| 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         | 132.5       |

TABLE 2.—Indexes of union hourly wage rates in each building trade, 1907-54 - Continued

(Average 1947, 1948, and 1949 = 100)

| Date               | Plumbers | Rodmen | Roofers, composition | Roofers, slate and tile | Sheet-metal workers <sup>1</sup> | Steam and sprinkler fitters | Stonemasons | Structural-iron workers <sup>1</sup> | Tile layers | Bricklayers' tenders | Building laborers | Composition roofers' helpers | Plasterers' laborers | Plumbers' laborers | Tile layers' helpers |
|--------------------|----------|--------|----------------------|-------------------------|----------------------------------|-----------------------------|-------------|--------------------------------------|-------------|----------------------|-------------------|------------------------------|----------------------|--------------------|----------------------|
| 1907: May 15 ----- | 21.5     | -      | -                    | -                       | 19.1                             | 19.9                        | 20.9        | 18.8                                 | -           | 16.8                 | 15.7              | -                            | 18.5                 | -                  | -                    |
| 1908: May 15 ----- | 21.8     | -      | -                    | -                       | 19.5                             | 20.1                        | 21.2        | 20.5                                 | -           | 16.8                 | 15.8              | -                            | 19.3                 | -                  | -                    |
| 1909: May 15 ----- | 22.1     | -      | -                    | -                       | 19.6                             | 22.9                        | 21.3        | 21.9                                 | -           | 16.8                 | 16.0              | -                            | 19.5                 | -                  | -                    |
| 1910: May 15 ----- | 22.3     | -      | -                    | -                       | 20.2                             | 21.2                        | 21.5        | 23.4                                 | -           | 17.1                 | 16.5              | -                            | 19.6                 | -                  | -                    |
| 1911: May 15 ----- | 23.6     | -      | -                    | -                       | 20.8                             | 21.9                        | 21.7        | 23.9                                 | -           | 17.3                 | 16.6              | -                            | 19.6                 | -                  | -                    |
| 1912: May 15 ----- | 23.7     | -      | -                    | -                       | 21.3                             | 22.3                        | 21.9        | 24.3                                 | 24.5        | 17.4                 | 16.7              | -                            | 19.9                 | -                  | 18.2                 |
| 1913: May 15 ----- | 24.5     | -      | -                    | -                       | 22.2                             | 23.1                        | 22.6        | 25.1                                 | 25.8        | 17.6                 | 17.5              | -                            | 20.4                 | -                  | 18.5                 |
| 1914: May 15 ----- | 24.8     | -      | 18.7                 | 22.9                    | 23.0                             | 23.6                        | 23.3        | 25.6                                 | 25.9        | 17.8                 | 17.6              | -                            | 20.8                 | -                  | 18.7                 |
| 1915: May 15 ----- | 25.0     | -      | 19.3                 | 23.8                    | 23.3                             | 24.1                        | 23.6        | 25.6                                 | 26.0        | 18.0                 | 17.7              | -                            | 20.8                 | -                  | 19.3                 |
| 1916: May 15 ----- | 25.2     | -      | 19.4                 | 24.5                    | 23.7                             | 24.5                        | 23.9        | 26.0                                 | 26.4        | 18.5                 | 18.5              | -                            | 21.4                 | -                  | 20.0                 |
| 1917: May 15 ----- | 26.1     | -      | 20.5                 | 26.1                    | 24.8                             | 25.5                        | 24.8        | 27.5                                 | 27.7        | 20.6                 | 20.5              | -                            | 22.8                 | -                  | 20.5                 |
| 1918: May 15 ----- | 28.8     | -      | 23.2                 | 28.6                    | 29.0                             | 27.8                        | 27.2        | 31.5                                 | 28.5        | 24.0                 | 24.0              | -                            | 26.3                 | -                  | 21.2                 |
| 1919: May 15 ----- | 32.6     | -      | 25.8                 | 32.6                    | 32.0                             | 31.3                        | 30.5        | 35.5                                 | 31.1        | 28.1                 | 27.2              | -                            | 30.0                 | -                  | 25.7                 |
| 1920: May 15 ----- | 42.2     | -      | 36.7                 | 42.1                    | 42.9                             | 41.3                        | 42.5        | 45.0                                 | 41.8        | 40.9                 | 39.4              | -                            | 43.5                 | -                  | 42.0                 |
| 1921: May 15 ----- | 44.1     | -      | 38.4                 | 45.8                    | 44.5                             | 41.8                        | 43.6        | 45.8                                 | 41.5        | 41.1                 | 39.7              | -                            | 44.9                 | -                  | 42.4                 |
| 1922: May 15 ----- | 41.0     | -      | 36.8                 | 43.8                    | 41.2                             | 40.8                        | 40.6        | 41.6                                 | 40.8        | 34.1                 | 37.3              | -                            | 39.4                 | -                  | 39.9                 |
| 1923: May 15 ----- | 45.3     | -      | 37.2                 | 48.9                    | 44.4                             | 42.9                        | 48.0        | 44.4                                 | 44.6        | 37.2                 | 38.0              | -                            | 43.4                 | -                  | 40.8                 |
| 1924: May 15 ----- | 49.3     | -      | 43.1                 | 54.1                    | 48.8                             | 49.2                        | 50.9        | 50.2                                 | 50.6        | 38.9                 | 42.3              | -                            | 46.7                 | -                  | 44.4                 |
| 1925: May 15 ----- | 50.4     | -      | 44.5                 | 56.6                    | 50.4                             | 51.7                        | 51.8        | 50.8                                 | 51.8        | 43.4                 | 40.4              | -                            | 49.8                 | -                  | 45.6                 |
| 1926: May 15 ----- | 54.3     | -      | 48.3                 | 58.5                    | 53.8                             | 56.0                        | 57.1        | 54.6                                 | 54.3        | 47.4                 | 44.4              | -                            | 52.7                 | -                  | 49.5                 |
| 1927: May 15 ----- | 55.4     | -      | 49.7                 | 61.2                    | 55.5                             | 57.6                        | 57.9        | 58.4                                 | 56.9        | 48.5                 | 44.6              | -                            | 53.2                 | -                  | 50.0                 |
| 1928: May 15 ----- | 56.5     | -      | 50.8                 | 61.4                    | 54.4                             | 58.5                        | 58.6        | 58.6                                 | 56.8        | 48.5                 | 44.8              | -                            | 54.1                 | -                  | 51.1                 |
| 1929: May 15 ----- | 57.0     | -      | 51.8                 | 62.0                    | 56.5                             | 58.8                        | 60.2        | 59.0                                 | 57.4        | 50.6                 | 45.0              | -                            | 54.3                 | -                  | 50.3                 |
| 1930: May 15 ----- | 59.2     | -      | 54.9                 | 64.0                    | 59.1                             | 61.7                        | 61.1        | 62.3                                 | 60.0        | 52.6                 | 47.5              | -                            | 57.5                 | -                  | 54.6                 |
| 1931: May 15 ----- | 59.9     | -      | 55.3                 | 64.2                    | 60.0                             | 62.0                        | 61.4        | 62.9                                 | 60.7        | 52.4                 | 46.8              | -                            | 57.3                 | -                  | 54.6                 |
| 1932: May 15 ----- | 52.1     | -      | 48.3                 | 55.7                    | 52.0                             | 53.4                        | 54.5        | 54.5                                 | 52.3        | 43.4                 | 40.2              | -                            | 47.6                 | -                  | 48.2                 |
| 1933: May 15 ----- | 51.6     | -      | 47.3                 | 54.4                    | 50.5                             | 51.9                        | 50.9        | 53.9                                 | 50.7        | 42.9                 | 37.9              | -                            | 44.8                 | -                  | 46.0                 |
| 1934: May 15 ----- | 52.1     | -      | 48.2                 | 54.1                    | 50.7                             | 52.5                        | 50.8        | 54.6                                 | 50.7        | 45.7                 | 39.3              | -                            | 46.0                 | -                  | 46.0                 |
| 1935: May 15 ----- | 52.9     | -      | 49.5                 | 55.5                    | 51.1                             | 53.3                        | 50.7        | 55.1                                 | 51.1        | 44.3                 | 39.9              | -                            | 46.8                 | -                  | 47.6                 |
| 1936: May 15 ----- | 54.3     | -      | 49.8                 | 55.9                    | 52.1                             | 55.1                        | 51.3        | 56.5                                 | 52.1        | 46.6                 | 43.3              | -                            | 47.7                 | -                  | 48.3                 |
| 1937: May 15 ----- | 57.2     | 58.2   | 53.7                 | 60.1                    | 55.9                             | 58.1                        | 56.6        | 61.7                                 | 55.8        | 50.2                 | 47.4              | 54.5                         | 52.0                 | -                  | 50.9                 |
| 1938: June 1 ----- | 64.1     | 63.9   | 59.5                 | 64.1                    | 61.5                             | 65.5                        | 61.5        | 66.6                                 | 61.1        | 55.2                 | 50.8              | 57.9                         | 58.7                 | 54.1               | 56.1                 |
| 1939: June 1 ----- | 64.7     | 64.5   | 59.7                 | 64.7                    | 62.4                             | 66.0                        | 61.6        | 67.3                                 | 61.2        | 55.4                 | 51.1              | 58.1                         | 59.2                 | 55.6               | 56.3                 |
| 1940: June 1 ----- | 65.7     | 65.3   | 61.1                 | 65.8                    | 63.5                             | 66.2                        | 61.3        | 67.6                                 | 61.3        | 57.5                 | 51.9              | 60.2                         | 59.3                 | 58.2               | 56.4                 |
| 1941: June 1 ----- | 68.6     | 68.6   | 63.6                 | 67.3                    | 66.5                             | 68.2                        | 62.9        | 70.8                                 | 62.2        | 59.4                 | 55.0              | 62.4                         | 60.6                 | 61.4               | 57.7                 |
| 1942: July 1 ----- | 71.5     | 71.6   | 69.3                 | 73.2                    | 72.4                             | 72.1                        | 66.6        | 73.2                                 | 65.2        | 64.1                 | 61.1              | 69.0                         | 65.1                 | 65.8               | 61.6                 |
| 1943: July 1 ----- | 71.7     | 72.0   | 69.6                 | 73.8                    | 72.6                             | 72.5                        | 66.8        | 73.5                                 | 66.2        | 64.5                 | 62.0              | 69.4                         | 65.6                 | 66.2               | 62.3                 |
| 1944: July 1 ----- | 72.1     | 72.3   | 70.0                 | 74.2                    | 73.1                             | 72.9                        | 67.2        | 73.9                                 | 66.8        | 65.0                 | 57.7              | 71.4                         | 66.0                 | 67.7               | 62.5                 |
| 1945: July 1 ----- | 73.7     | 73.8   | 70.9                 | 75.7                    | 73.9                             | 75.4                        | 68.7        | 75.1                                 | 69.0        | 67.5                 | 66.4              | 71.4                         | 68.4                 | 69.4               | 63.4                 |
| 1946: July 1 ----- | 79.7     | 81.5   | 79.0                 | 82.3                    | 83.0                             | 82.2                        | 78.0        | 81.7                                 | 78.1        | 78.5                 | 77.8              | 80.7                         | 77.1                 | 79.1               | 73.5                 |
| 1947: July 1 ----- | 92.4     | 91.6   | 91.8                 | 91.3                    | 91.6                             | 91.8                        | 89.4        | 91.8                                 | 91.3        | 91.7                 | 90.9              | 89.3                         | 91.1                 | 90.6               | 90.5                 |
| 1948: July 1 ----- | 102.3    | 101.9  | 101.8                | 101.5                   | 102.6                            | 101.8                       | 102.3       | 102.3                                | 102.1       | 102.8                | 102.6             | 102.5                        | 102.5                | 101.3              | 102.5                |
| 1949: July 1 ----- | 105.3    | 106.5  | 106.5                | 107.2                   | 105.8                            | 106.4                       | 108.3       | 106.0                                | 106.6       | 105.5                | 106.5             | 108.2                        | 106.4                | 108.1              | 107.0                |
| 1950: July 1 ----- | 107.8    | 110.7  | 110.9                | 109.7                   | 111.0                            | 111.0                       | 115.3       | 111.0                                | 109.0       | 112.7                | 112.4             | 113.6                        | 110.1                | 112.9              | 110.6                |
| 1951: July 1 ----- | 114.2    | 118.1  | 117.5                | 118.2                   | 117.4                            | 117.8                       | 119.3       | 118.3                                | 116.6       | 118.5                | 120.4             | 121.9                        | 120.7                | 120.7              | 118.1                |
| 1952: July 1 ----- | 121.0    | 124.2  | 123.8                | 125.0                   | 126.2                            | 124.8                       | 127.8       | 123.8                                | 121.1       | 126.3                | 128.6             | 132.2                        | 128.0                | 126.3              | 123.8                |
| 1953: July 1 ----- | 125.4    | 131.4  | 131.3                | 131.6                   | 132.0                            | 130.6                       | 129.9       | 130.9                                | 128.0       | 133.0                | 138.4             | 138.8                        | 135.2                | 134.7              | 130.1                |
| 1954: July 1 ----- | 132.3    | 136.1  | 135.8                | 136.3                   | 138.2                            | 137.6                       | 132.9       | 135.5                                | 131.6       | 138.7                | 144.4             | 143.0                        | 140.1                | 141.9              | 137.0                |

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

TABLE 3.—Increases in rates in the building trades, July 1, 1953 - July 1, 1954, and average union hourly wage rates, July 1, 1954

| Trade                               | Amount of increase July 1, 1953 - July 1, 1954 |                | Range of rates July 1, 1954 |      | Average rate per hour July 1, 1954 | Trade                                | Amount of increase July 1, 1953 - July 1, 1954 |                | Range of rates July 1, 1954 |         | Average rate per hour July 1, 1954 |
|-------------------------------------|--|----------------|-----------------------------|------|------------------------------------|--------------------------------------|--|----------------|-----------------------------|---------|------------------------------------|
|                                     | Percent  | Cents per-hour | Low                         | High |                                    |                                      | Percent  | Cents per-hour | Low                         | High    |                                    |
| All building trades -----           | 3.7  | 10             | \$ -                        | \$ - | \$ 2.80                            | Journeyman: - Continued              |  |                |                             |         |                                    |
| Journeymen -----                    | 3.6  | 10             | -                           | -    | 2.99                               | Roofers, slate and tile -----        | 3.5  | 10             | \$ 2.00                     | \$ 3.50 | \$ 2.82                            |
| Asbestos workers -----              | 4.7  | 14             | 2.63                        | 3.50 | 3.07                               | Sheet-metal workers -----            | 4.7  | 13             | 2.15                        | 3.50    | 2.96                               |
| Boilermakers -----                  | 4.3  | 13             | 2.75                        | 3.60 | 3.11                               | Steam and sprinkler fitters -----    | 5.4  | 16             | 2.22                        | 3.50    | 3.11                               |
| Bricklayers -----                   | 3.2  | 11             | 2.80                        | 3.80 | 3.39                               | Stonemasons -----                    | 2.3  | 7              | 2.65                        | 3.75    | 3.25                               |
| Carpenters -----                    | 3.2  | 9              | 1.75                        | 3.50 | 2.90                               | Structural-iron workers -----        | 3.5  | 10             | 2.50                        | 3.75    | 3.08                               |
| Cement finishers -----              | 2.9  | 8              | 2.00                        | 3.75 | 2.87                               | Tile layers -----                    | 2.8  | 8              | 2.25                        | 3.30    | 3.05                               |
| Electricians (inside wiremen) ----- | 2.9  | 9              | 2.50                        | 3.50 | 3.09                               | Helpers and laborers -----           | 4.3  | 9              | -                           | -       | 2.05                               |
| Elevator constructors -----         | 3.9  | 12             | 2.74                        | 3.50 | 3.12                               | Bricklayers' tenders -----           | 4.3  | 9              | 1.10                        | 2.75    | 2.22                               |
| Glaziers -----                      | 2.9  | 8              | 1.65                        | 3.40 | 2.67                               | Building laborers -----              | 4.4  | 8              | .90                         | 2.70    | 1.96                               |
| Lathers -----                       | 2.6  | 8              | 2.25                        | 3.50 | 3.22                               | Composition roofers' helpers -----   | 3.0  | 6              | 1.35                        | 2.05    | 1.89                               |
| Machinists -----                    | 4.1  | 12             | 2.50                        | 3.40 | 3.07                               | Elevator constructors' helpers ----- | 4.0  | 9              | 1.93                        | 2.62    | 2.23                               |
| Marble setters -----                | 3.2  | 10             | 2.25                        | 3.33 | 3.06                               | Marble setters' helpers -----        | 4.4  | 9              | 1.35                        | 2.69    | 2.22                               |
| Mosaic and terrazzo workers -----   | 4.1  | 12             | 2.25                        | 3.33 | 3.01                               | Plasterers' laborers -----           | 3.6  | 8              | 1.10                        | 3.19    | 2.30                               |
| Painters -----                      | 3.1  | 8              | 1.75                        | 4.00 | 2.77                               | Plumbers' laborers -----             | 5.4  | 11             | 1.10                        | 2.65    | 2.09                               |
| Paperhangers -----                  | 3.4  | 9              | 1.93                        | 3.13 | 2.73                               | Terrazzo workers' helpers -----      | 4.9  | 11             | 1.35                        | 2.90    | 2.39                               |
| Plasterers -----                    | 1.8  | 6              | 2.25                        | 3.75 | 3.27                               | Tile layers' helpers -----           | 5.3  | 12             | 1.35                        | 2.70    | 2.33                               |
| Plumbers -----                      | 5.5  | 16             | 2.63                        | 3.50 | 3.12                               |                                      |  |                |                             |         |                                    |
| Rodmen -----                        | 3.5  | 10             | 2.25                        | 3.75 | 2.90                               |                                      |  |                |                             |         |                                    |
| Roofers, composition -----          | 3.4  | 9              | 1.75                        | 3.45 | 2.76                               |                                      |  |                |                             |         |                                    |

TABLE 4.—Percent changes in union wage rates and percent of building trades workers affected, July 1, 1953 - July 1, 1954

| 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 10 percent | 10 and under 15 percent | 15 percent and over |
| All building trades -----           | 82.1                                  | 17.9      | 11.9  | 23.8                  | 13.5                  | 28.2                   | 4.3                     | 0.4                 |
| Journeyman -----                    | 80.7                                  | 19.0      | 12.9  | 27.4                  | 11.7                  | 23.1                   | 5.3                     | 0.3                 |
| Asbestos workers -----              | 90.9                                  | 9.1       | 2.2   | 34.5                  | 3.4                   | 43.1                   | 7.7                     | -                   |
| Boilermakers -----                  | 86.1                                  | 13.9      | 10.8  | 16.8                  | 2.0                   | 51.1                   | 5.5                     | -                   |
| Bricklayers -----                   | 63.2                                  | 36.8      | 11.1  | 15.0                  | 7.3                   | 26.2                   | 2.8                     | .8                  |
| Carpenters -----                    | 82.0                                  | 18.0      | 14.3  | 40.0                  | 5.2                   | 18.4                   | 3.5                     | .6                  |
| Cement finishers -----              | 68.1                                  | 31.9      | 14.9  | 20.9                  | 9.5                   | 20.7                   | 2.1                     | -                   |
| Electricians (inside wiremen) ----- | 70.0                                  | 30.0      | 2.0   | 32.1                  | 11.3                  | 24.6                   | -                       | -                   |
| Elevator constructors -----         | 91.3                                  | 8.7       | 9.7   | 18.7                  | 28.3                  | 34.6                   | -                       | -                   |
| Glaziers -----                      | 65.6                                  | 34.4      | 9.3   | 16.1                  | 12.4                  | 27.4                   | .5                      | -                   |
| Lathers -----                       | 53.1                                  | 46.9      | 5.5   | 20.3                  | 3.9                   | 20.8                   | 2.5                     | -                   |
| Machinists -----                    | 81.2                                  | 18.8      | .8  | 9.4                   | 3.1                   | 68.0                   | -                       | -                   |
| Marble setters -----                | 81.5                                  | 18.5      | 27.8  | 10.4                  | 13.4                  | 21.5                   | 7.6                     | .7                  |
| Mosaic and terrazzo workers -----   | 69.9                                  | 30.1      | 13.4  | 9.1                   | 9.3                   | 24.3                   | 9.7                     | 4.1                 |
| Painters -----                      | 84.7                                  | 15.2      | 23.1  | 15.9                  | 30.3                  | 13.3                   | 2.2                     | -                   |
| Paperhangers -----                  | 81.7                                  | 18.3      | 1.1   | 28.9                  | 31.6                  | 19.3                   | 1.0                     | -                   |
| Plasterers -----                    | 53.8                                  | 46.2      | 15.7  | 23.7                  | 3.3                   | 10.5                   | .7                      | -                   |
| Plumbers -----                      | 93.5                                  | 6.5       | 8.5   | 14.4                  | 22.1                  | 33.0                   | 15.5                    | -                   |
| Rodmen -----                        | 84.4                                  | 15.6      | 11.2  | 33.3                  | 12.0                  | 25.1                   | 2.8                     | -                   |
| Roofers, composition -----          | 71.0                                  | 29.0      | 2.7   | 14.7                  | 19.8                  | 33.0                   | .8                      | -                   |
| Roofers, slate and tile -----       | 70.3                                  | 29.7      | 10.4  | 2.0                   | 24.6                  | 27.6                   | 4.0                     | 1.7                 |
| Sheet-metal workers -----           | 85.6                                  | 14.4      | 12.5  | 10.5                  | 16.7                  | 33.9                   | 11.8                    | .3                  |
| Steam and sprinkler fitters -----   | 95.0                                  | 5.0       | 8.9   | 22.9                  | 12.7                  | 28.7                   | 21.9                    | -                   |
| Stonemasons -----                   | 64.9                                  | 35.1      | 21.5  | 10.9                  | 22.0                  | 8.7                    | 1.8                     | -                   |
| Structural-iron workers -----       | 83.6                                  | 16.4      | 11.4  | 29.5                  | 11.1                  | 27.2                   | 4.4                     | -                   |
| Tile layers -----                   | 84.4                                  | 15.6      | 39.6  | 16.2                  | 7.9                   | 17.8                   | 2.9                     | -                   |

TABLE 4.—Percent changes in union wage rates and percent of building trades workers affected, July 1, 1953 - July 1, 1954 - 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 10 percent | 10 and under 15 percent | 15 percent and over |
| Helpers and laborers -----         | 87.8                                  | 12.2      | 8.1   | 9.3                   | 20.7                  | 48.6                   | 0.5                     | 0.6                 |
| Bricklayers' tenders -----         | 82.8                                  | 17.2      | 4.6   | 8.8                   | 17.8                  | 50.8                   | -                       | .9                  |
| Building laborers -----            | 90.8                                  | 9.2       | 8.8   | 9.2                   | 22.5                  | 49.9                   | -                       | .6                  |
| Composition roofers' helpers ----  | 60.2                                  | 39.8      | -   | 12.0                  | 12.0                  | 36.1                   | -                       | -                   |
| Elevator constructors' helpers --- | 92.6                                  | 7.4       | 7.1   | 26.4                  | 24.3                  | 34.7                   | -                       | -                   |
| Marble setters' helpers -----      | 74.1                                  | 25.9      | 3.5   | 14.6                  | 2.3                   | 48.4                   | 1.8                     | 3.6                 |
| Plasterers' laborers -----         | 77.9                                  | 22.1      | 11.8  | 12.0                  | 20.3                  | 31.7                   | 1.5                     | .6                  |
| Plumbers' laborers -----           | 82.2                                  | 17.8      | 10.0  | 1.5                   | 7.8                   | 62.3                   | -                       | .6                  |
| Terrazzo workers' helpers -----    | 83.7                                  | 16.3      | 1.7   | 5.1                   | 10.3                  | 60.1                   | 4.3                     | 2.1                 |
| Tile layers' helpers -----         | 78.2                                  | 21.8      | 2.0   | 5.7                   | 12.4                  | 41.4                   | 15.9                    | .9                  |

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, 1953 - July 1, 1954

| 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 -----            | 82.1  | 1.2   | 26.8                 | 31.2                  | 12.0                  | 3.1                   | 4.8                   | 3.0               |
| Journeyman -----                     | 80.7  | 0.2   | 25.1                 | 29.3                  | 13.1                  | 3.5                   | 5.9                   | 3.6               |
| Asbestos workers -----               | 90.9  | -   | 5.1                  | 49.1                  | 19.0                  | 2.0                   | 10.4                  | 5.3               |
| Boilermakers -----                   | 86.1  | -   | 10.8                 | 18.8                  | 44.2                  | 1.4                   | 5.5                   | 5.5               |
| Bricklayers -----                    | 63.2  | .5  | 10.6                 | 21.4                  | 3.7                   | 4.7                   | 18.8                  | 3.6               |
| Carpenters -----                     | 82.0  | -   | 36.2                 | 25.8                  | 12.8                  | 3.1                   | 1.3                   | 2.8               |
| Cement finishers -----               | 68.1  | 1.5   | 18.1                 | 29.6                  | 9.1                   | 7.7                   | 1.4                   | .6                |
| Electricians (inside wiremen) -----  | 70.0  | -   | 11.5                 | 37.3                  | 11.2                  | 4.0                   | 6.0                   | -                 |
| Elevator constructors -----          | 91.3  | -   | 19.4                 | 44.0                  | 15.0                  | 12.9                  | -                     | -                 |
| Glaziers -----                       | 65.6  | -   | 16.5                 | 26.4                  | 17.9                  | 4.4                   | .5                    | -                 |
| Lathers -----                        | 53.1  | -   | 10.9                 | 19.4                  | 2.4                   | 2.9                   | 16.3                  | 1.2               |
| Machinists -----                     | 81.2  | -   | .8                   | 12.5                  | 61.1                  | 5.5                   | 1.4                   | -                 |
| Marble setters -----                 | 81.5  | -   | 33.1                 | 26.7                  | 11.4                  | .9                    | 8.7                   | .7                |
| Mosaic and terrazzo workers -----    | 69.9  | -   | 13.4                 | 21.7                  | 17.2                  | .9                    | 8.2                   | 8.5               |
| Painters -----                       | 84.7  | -   | 35.9                 | 36.3                  | 9.3                   | 1.0                   | 2.0                   | .2                |
| Paperhangers -----                   | 81.7  | -   | 29.9                 | 34.0                  | 15.9                  | 1.0                   | 1.0                   | -                 |
| Plasterers -----                     | 53.8  | -   | 19.6                 | 21.7                  | 8.1                   | 2.2                   | 1.6                   | .7                |
| Plumbers -----                       | 93.5  | -   | 10.5                 | 37.0                  | 7.8                   | 5.5                   | 23.4                  | 9.4               |
| Rodmen -----                         | 84.4  | 2.0   | 30.0                 | 29.5                  | 11.4                  | 4.4                   | 5.4                   | 1.8               |
| Roofers, composition -----           | 71.0  | -   | 10.0                 | 31.6                  | 25.6                  | .8                    | 3.1                   | -                 |
| Roofers, slate and tile -----        | 70.3  | -   | 12.4                 | 35.4                  | 10.3                  | 7.3                   | .8                    | 4.0               |
| Sheet-metal workers -----            | 85.6  | .3  | 17.9                 | 24.3                  | 16.4                  | 6.4                   | 11.1                  | 9.3               |
| Steam and sprinkler fitters -----    | 95.0  | .1  | 11.1                 | 35.0                  | 19.0                  | 4.6                   | 13.3                  | 11.8              |
| Stonemasons -----                    | 64.9  | .1  | 21.4                 | 31.2                  | 1.9                   | 5.0                   | 3.6                   | 1.8               |
| Structural-iron workers -----        | 83.6  | 2.0   | 22.1                 | 32.1                  | 18.1                  | 3.2                   | 1.9                   | 4.4               |
| Tile layers -----                    | 84.4  | -   | 39.6                 | 32.3                  | 7.7                   | 1.9                   | 2.9                   | -                 |
| Helpers and laborers -----           | 87.8  | 5.0   | 33.8                 | 38.6                  | 7.7                   | 1.4                   | .6                    | .8                |
| Bricklayers' tenders -----           | 82.8  | .4  | 24.6                 | 30.3                  | 26.6                  | -                     | -                     | .9                |
| Building laborers -----              | 90.8  | 7.1   | 36.8                 | 43.1                  | 1.8                   | 1.4                   | -                     | .6                |
| Composition roofers' helpers -----   | 60.2  | -   | 24.1                 | 29.1                  | 7.0                   | -                     | -                     | -                 |
| Elevator constructors' helpers ----- | 92.6  | 2.7   | 60.3                 | 13.6                  | 16.0                  | -                     | -                     | -                 |
| Marble setters' helpers -----        | 74.1  | -   | 21.4                 | 33.8                  | 7.1                   | 8.3                   | 3.6                   | -                 |
| Plasterers' laborers -----           | 77.9  | 1.1   | 35.3                 | 32.7                  | 3.1                   | 4.9                   | -                     | .6                |
| Plumbers' laborers -----             | 82.2  | -   | 22.3                 | 20.1                  | 26.2                  | 12.9                  | -                     | .6                |
| Terrazzo workers' helpers -----      | 83.7  | -   | 10.1                 | 34.6                  | 32.8                  | 3.1                   | 3.1                   | -                 |
| Tile layers' helpers -----           | 78.2  | -   | 15.0                 | 26.5                  | 20.6                  | -                     | 6.8                   | 9.3               |

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, 1953 - July 1, 1954

| 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 cities -----                    | 3.7                 | 3.6         | 4.3                  | 9.9                     | 10.3        | 8.5                  |
| New England -----                   | 4.0                 | 3.7         | 5.6                  | 10.1                    | 10.0        | 10.5                 |
| Boston, Mass. -----                 | 3.2                 | 2.4         | 7.0                  | 8.2                     | 6.6         | 13.6                 |
| New Haven, Conn. -----              | 4.8                 | 4.7         | 5.3                  | 12.4                    | 13.0        | 10.4                 |
| Providence, R. I. -----             | 3.6                 | 3.4         | 4.4                  | 8.5                     | 8.7         | 7.9                  |
| Springfield, Mass. -----            | 5.3                 | 5.2         | 5.6                  | 12.7                    | 14.1        | 10.1                 |
| Middle Atlantic -----               | 3.7                 | 3.5         | 4.8                  | 11.0                    | 11.1        | 10.4                 |
| Buffalo, N. Y. -----                | 3.4                 | 3.1         | 4.2                  | 9.3                     | 9.2         | 9.4                  |
| Erie, Pa. -----                     | 9.3                 | 8.1         | 17.0                 | 23.8                    | 22.1        | 31.2                 |
| Newark, N. J. -----                 | 3.5                 | 3.3         | 4.9                  | 11.3                    | 11.2        | 12.5                 |
| New York, N. Y. -----               | 4.1                 | 3.8         | 6.0                  | 12.8                    | 12.4        | 14.5                 |
| Philadelphia, Pa. -----             | 4.2                 | 4.1         | 4.5                  | 11.4                    | 12.7        | 8.3                  |
| Pittsburgh, Pa. -----               | .4                  | .4          | .3                   | 1.2                     | 1.3         | .7                   |
| Rochester, N. Y. -----              | 4.5                 | 4.2         | 5.4                  | 11.7                    | 11.8        | 11.4                 |
| Scranton, Pa. -----                 | 2.1                 | 2.4         | .4                   | 5.2                     | 6.7         | .7                   |
| Syracuse, N. Y. -----               | 4.6                 | 4.4         | 5.1                  | 11.5                    | 12.3        | 10.0                 |
| Border States -----                 | 4.7                 | 4.6         | 5.2                  | 11.9                    | 12.9        | 8.6                  |
| Baltimore, Md. -----                | 3.6                 | 2.9         | 7.1                  | 8.8                     | 8.0         | 11.0                 |
| Louisville, Ky. -----               | 7.1                 | 7.4         | 5.5                  | 16.9                    | 19.8        | 9.5                  |
| Richmond, Va. -----                 | 3.4                 | 3.8         | .6                   | 7.7                     | 9.5         | .7                   |
| Washington, D. C. -----             | 4.3                 | 4.2         | 4.8                  | 11.9                    | 12.5        | 8.9                  |
| Southeast -----                     | 5.7                 | 5.7         | 5.5                  | 12.3                    | 14.2        | 7.2                  |
| Atlanta, Ga. -----                  | 4.3                 | 4.0         | 6.6                  | 10.0                    | 10.4        | 8.1                  |
| Birmingham, Ala. -----              | 5.3                 | 5.1         | 6.2                  | 11.3                    | 13.0        | 7.6                  |
| Charlotte, N. C. -----              | 3.5                 | 3.4         | 4.8                  | 7.4                     | 7.8         | 5.0                  |
| Jacksonville, Fla. -----            | 7.6                 | 7.6         | 2.9                  | 18.4                    | 18.6        | 3.4                  |
| Knoxville, Tenn. -----              | 7.1                 | 7.1         | 7.0                  | 15.2                    | 17.8        | 9.6                  |
| Memphis, Tenn. -----                | 1.0                 | 1.4         | ( <sup>1</sup> )     | 2.1                     | 3.7         | .1                   |
| Great Lakes -----                   | 3.1                 | 2.9         | 4.2                  | 8.7                     | 8.4         | 9.1                  |
| Chicago, Ill. -----                 | 1.7                 | 1.7         | 2.8                  | 5.3                     | 5.3         | 6.5                  |
| Cincinnati, Ohio -----              | 6.4                 | 6.7         | 5.0                  | 16.8                    | 18.8        | 10.2                 |
| Cleveland, Ohio -----               | 2.9                 | 2.7         | 3.8                  | 8.6                     | 8.4         | 9.4                  |
| Columbus, Ohio -----                | 4.6                 | 4.5         | 5.2                  | 12.0                    | 12.5        | 10.0                 |
| Dayton, Ohio -----                  | .9                  | 1.0         | .1                   | 2.5                     | 3.0         | 1.3                  |
| Detroit, Mich. -----                | 3.0                 | 2.8         | 4.4                  | 8.7                     | 8.5         | 10.0                 |
| Grand Rapids, Mich. -----           | 4.6                 | 4.6         | 4.4                  | 11.8                    | 12.6        | 8.3                  |
| Indianapolis, Ind. -----            | 5.4                 | 5.1         | 6.6                  | 14.2                    | 14.6        | 13.1                 |
| Milwaukee, Wis. -----               | 2.5                 | 2.6         | 2.3                  | 6.8                     | 7.3         | 5.0                  |
| Minneapolis-St. Paul, Minn. -----   | 4.6                 | 4.5         | 5.0                  | 11.6                    | 12.2        | 10.1                 |
| Peoria, Ill. -----                  | 3.9                 | 3.7         | 4.5                  | 10.5                    | 10.7        | 10.0                 |
| Toledo, Ohio -----                  | 4.1                 | 3.9         | 4.4                  | 11.2                    | 11.7        | 10.0                 |
| Middle West -----                   | 4.0                 | 3.6         | 6.2                  | 10.6                    | 10.3        | 12.2                 |
| Des Moines, Iowa -----              | 5.6                 | 5.3         | 7.3                  | 14.3                    | 14.4        | 14.0                 |
| Kansas City, Mo. -----              | 3.4                 | 3.0         | 7.8                  | 8.9                     | 8.1         | 15.0                 |
| Omaha, Nebr. -----                  | 2.8                 | 2.7         | 2.9                  | 6.9                     | 7.3         | 5.2                  |
| St. Louis, Mo. -----                | 4.2                 | 4.0         | 5.8                  | 11.8                    | 11.7        | 11.8                 |
| Southwest -----                     | 3.7                 | 3.8         | 3.0                  | 9.0                     | 10.1        | 4.3                  |
| Dallas, Tex. -----                  | 1.4                 | 1.3         | 2.7                  | 3.6                     | 3.5         | 4.2                  |
| Houston, Tex. -----                 | 8.8                 | 9.4         | 3.3                  | 22.1                    | 25.0        | 5.3                  |
| Little Rock, Ark. -----             | 1.0                 | 1.2         | .1                   | 2.3                     | 3.1         | .1                   |
| New Orleans, La. -----              | 3.6                 | 3.6         | 3.6                  | 8.1                     | 9.3         | 5.1                  |
| Oklahoma City, Okla. -----          | 3.8                 | 3.5         | 6.0                  | 9.4                     | 9.3         | 9.9                  |
| San Antonio, Tex. -----             | 4.0                 | 4.1         | 2.0                  | 9.8                     | 10.3        | 2.9                  |
| Mountain -----                      | 5.1                 | 5.4         | 3.9                  | 12.2                    | 14.1        | 7.4                  |
| Denver, Colo. -----                 | 4.5                 | 4.8         | 3.8                  | 11.2                    | 13.4        | 7.3                  |
| Salt Lake City, Utah -----          | 5.9                 | 6.1         | 4.4                  | 13.7                    | 15.0        | 7.7                  |
| Pacific -----                       | 3.3                 | 3.4         | 2.4                  | 8.8                     | 9.6         | 5.0                  |
| Los Angeles, Calif. -----           | 3.5                 | 3.8         | 1.2                  | 9.5                     | 10.8        | 2.7                  |
| Portland, Oreg. -----               | 3.3                 | 3.3         | 3.1                  | 8.6                     | 8.9         | 6.8                  |
| San Francisco-Oakland, Calif. ----- | 2.6                 | 2.6         | 2.2                  | 6.9                     | 7.5         | 4.8                  |
| Seattle, Wash. -----                | 4.2                 | 4.3         | 3.2                  | 11.2                    | 11.7        | 7.2                  |
| Spokane, Wash. -----                | 3.2                 | 3.0         | 4.3                  | 8.1                     | 8.0         | 8.9                  |

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

TABLE 7.—Distribution of union members in the building trades by hourly wage rates, July 1, 1954

| Trade                         | Average rate per hour | Percent of union journeymen whose rates (in cents) per hour were— |                   |                   |                   |                   |                   |                   |                   |                   |
|-------------------------------|-----------------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                               |                       | 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 |
| Journeymen                    | \$ 2.99               | 0.1   | ( <sup>1</sup> )  | 0.5               | 1.1               | 1.0               | 1.6               | 4.7               | 7.2               | 12.3              |
| Asbestos workers              | 3.07                  | -   | -                 | -                 | -                 | -                 | -                 | -                 | 2.2               | 3.1               |
| Boilermakers                  | 3.11                  | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                 | 2.5               |
| Bricklayers                   | 3.39                  | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -                 |
| Carpenters                    | 2.90                  | ( <sup>1</sup> )  | -                 | .8                | 1.6               | .6                | 1.6               | 7.4               | 9.9               | 22.4              |
| Cement finishers              | 2.87                  | -   | 1.5               | .7                | 2.0               | 4.8               | 2.6               | 1.6               | 8.9               | 23.4              |
| Electricians (inside wiremen) | 3.09                  | -   | -                 | -                 | -                 | -                 | -                 | 1.2               | 1.8               | -                 |
| Elevator constructors         | 3.12                  | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                 | 3.1               |
| Glaziers                      | 2.67                  | .5  | -                 | 4.1               | 6.4               | 13.2              | 3.6               | 31.7              | 1.2               | 10.5              |
| Lathers                       | 3.22                  | -   | -                 | -                 | .1                | -                 | .6                | .2                | .5                | 5.2               |
| Machinists                    | 3.07                  | -   | -                 | -                 | -                 | -                 | -                 | 1.0               | 3.5               | 6.1               |
| Marble setters                | 3.06                  | -   | -                 | -                 | .3                | -                 | -                 | .8                | 1.4               | 10.9              |
| Mosaic and terrazzo workers   | 3.01                  | -   | -                 | -                 | 1.4               | -                 | -                 | .2                | 2.1               | 22.0              |
| Painters                      | 2.77                  | .2  | -                 | .9                | 2.3               | 4.0               | 5.4               | 9.5               | 17.8              | 10.8              |
| Paperhangers                  | 2.73                  | .3  | -                 | .2                | 3.6               | 4.5               | 3.3               | 19.3              | 18.6              | 4.7               |
| Plasterers                    | 3.27                  | -   | -                 | -                 | 1.2               | -                 | -                 | -                 | 1.6               | 3.6               |
| Plumbers                      | 3.12                  | -   | -                 | -                 | -                 | -                 | -                 | -                 | .6                | 1.9               |
| Rodmen                        | 2.90                  | -   | -                 | -                 | .7                | 1.1               | 4.9               | .7                | 23.7              | 17.2              |
| Roofers, composition          | 2.76                  | 4.2   | -                 | 4.6               | 2.9               | 5.2               | 3.4               | 5.7               | 12.2              | 18.9              |
| Roofers, slate and tile       | 2.82                  | -   | 1.6               | 1.7               | 2.0               | 10.2              | 11.2              | .9                | 9.8               | 16.4              |
| Sheet-metal workers           | 2.96                  | -   | -                 | .3                | -                 | -                 | 1.6               | 3.3               | 4.0               | 14.6              |
| Steam and sprinkler fitters   | 3.11                  | -   | -                 | .1                | -                 | -                 | -                 | .2                | .3                | 1.2               |
| Stonemasons                   | 3.25                  | -   | -                 | -                 | -                 | -                 | -                 | -                 | .2                | -                 |
| Structural-iron workers       | 3.08                  | -   | -                 | -                 | -                 | -                 | -                 | 2.0               | 1.2               | 4.5               |
| Tile layers                   | 3.05                  | -   | -                 | -                 | .6                | -                 | -                 | 1.3               | 2.5               | 12.7              |
|                               |                       | 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 over      |
| Journeymen                    |                       | 8.7   | 9.4               | 17.4              | 10.5              | 8.9               | 3.9               | 6.1               | 4.2               | 2.3               |
| Asbestos workers              |                       | 9.9   | 12.5              | 27.8              | 10.7              | 24.6              | 4.9               | -                 | 4.3               | -                 |
| Boilermakers                  |                       | -   | 24.2              | 31.3              | 14.4              | 13.2              | -                 | -                 | 8.4               | 6.1               |
| Bricklayers                   |                       | .8  | -                 | 9.8               | 8.5               | 21.3              | 21.2              | 6.2               | 9.5               | 22.6              |
| Carpenters                    |                       | 7.0   | 7.4               | 20.4              | 2.3               | 5.8               | -                 | 10.9              | 1.8               | -                 |
| Cement finishers              |                       | 7.2   | 10.6              | 10.1              | 12.1              | 5.2               | .3                | 7.7               | -                 | 1.3               |
| Electricians (inside wiremen) |                       | 7.1   | 18.7              | 18.7              | 18.9              | 16.5              | 11.4              | 1.2               | 4.4               | -                 |
| Elevator constructors         |                       | 8.3   | 16.6              | 21.3              | 19.9              | 13.9              | 1.7               | 4.6               | 10.5              | -                 |
| Glaziers                      |                       | 4.4   | 2.4               | 2.9               | 4.3               | -                 | 6.1               | 8.8               | -                 | -                 |
| Lathers                       |                       | 2.5   | 5.7               | 12.7              | 9.4               | 9.4               | 30.9              | 14.3              | 8.4               | -                 |
| Machinists                    |                       | 7.3   | 14.0              | 9.6               | 41.5              | 4.7               | -                 | 12.3              | -                 | -                 |
| Marble setters                |                       | 8.0   | 1.6               | 34.7              | 8.3               | 7.3               | 26.7              | -                 | -                 | -                 |
| Mosaic and terrazzo workers   |                       | 9.5   | 2.7               | 20.3              | 16.0              | 6.3               | 19.4              | -                 | -                 | -                 |
| Painters                      |                       | 20.9  | 6.7               | 3.6               | 17.0              | ( <sup>1</sup> )  | .6                | .1                | -                 | .1                |
| Paperhangers                  |                       | 22.4  | 8.7               | -                 | 14.5              | -                 | -                 | -                 | -                 | -                 |
| Plasterers                    |                       | 1.5   | 4.3               | 9.8               | 12.7              | 10.6              | 18.8              | 14.5              | 3.5               | 17.9              |
| Plumbers                      |                       | 4.1   | 14.7              | 27.6              | 23.4              | 8.1               | 1.7               | -                 | 18.1              | -                 |
| Rodmen                        |                       | 5.4   | 7.8               | 15.2              | 3.5               | 6.0               | 4.5               | 7.4               | -                 | 1.8               |
| Roofers, composition          |                       | 10.7  | 9.7               | -                 | 3.3               | 5.7               | 2.4               | 11.1              | -                 | -                 |
| Roofers, slate and tile       |                       | 10.0  | .6                | 6.4               | 3.4               | 8.5               | 4.9               | 9.7               | 2.6               | -                 |
| Sheet-metal workers           |                       | 15.1  | 13.7              | 16.8              | 16.2              | 6.5               | -                 | 2.2               | 5.6               | -                 |
| Steam and sprinkler fitters   |                       | 4.1   | 17.3              | 23.6              | 17.9              | 19.5              | 3.5               | -                 | 12.3              | -                 |
| Stonemasons                   |                       | 11.7  | -                 | 3.3               | 18.0              | 38.1              | 6.0               | 6.9               | 5.1               | 10.7              |
| Structural-iron workers       |                       | 19.8  | 4.9               | 25.0              | 11.3              | 13.5              | 2.5               | 8.9               | 1.1               | 5.2               |
| Tile layers                   |                       | 3.9   | 2.9               | 26.3              | 24.7              | 7.7               | 17.6              | -                 | -                 | -                 |

See footnote at end of table.

TABLE 7.—Distribution of union members in the building trades by hourly wage rates, July 1, 1954 - Continued

| Trade                                | Average rate per hour | Percent of union helpers and laborers whose rates (in cents) per hour were— |                   |                   |                   |                   |                   |                   |                   |                   |  |
|--------------------------------------|-----------------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--|
|                                      |                       | Under 120   | 120 and under 130 | 130 and under 140 | 140 and under 150 | 150 and under 160 | 160 and under 170 | 170 and under 180 | 180 and under 190 | 190 and under 200 |  |
| Helpers and laborers -----           | \$ 2.05               | 2.3   | 2.4               | 1.7               | 7.4               | 1.2               | 1.4               | 3.6               | 9.1               | 5.4               |  |
| Bricklayers' tenders -----           | 2.22                  | 1.0   | 1.5               | 4.2               | 1.5               | .5                | 2.1               | 4.2               | 3.9               | 2.5               |  |
| Building laborers -----              | 1.96                  | 3.1   | 2.6               | 1.0               | 10.5              | .9                | 1.2               | 4.1               | 11.8              | 6.6               |  |
| Composition roofers' helpers -----   | 1.89                  | -   | -                 | 1.9               | 15.1              | -                 | -                 | -                 | 8.0               | 24.9              |  |
| Elevator constructors' helpers ----- | 2.23                  | -   | -                 | -                 | -                 | -                 | -                 | -                 | -                 | 5.6               |  |
| Marble setters' helpers -----        | 2.22                  | -   | -                 | 1.8               | -                 | 1.1               | .6                | 1.1               | -                 | 4.8               |  |
| Plasterers' laborers -----           | 2.30                  | .9  | 1.2               | 2.7               | .9                | 6.2               | 2.4               | 1.0               | 4.1               | 1.0               |  |
| Plumbers' laborers -----             | 2.09                  | .4  | 10.3              | 3.6               | -                 | -                 | 3.8               | 3.4               | 6.4               | 4.2               |  |
| Terrazzo workers' helpers -----      | 2.39                  | -   | -                 | .2                | -                 | 1.0               | 1.0               | 1.2               | -                 | 5.2               |  |
| Tile layers' helpers -----           | 2.33                  | -   | -                 | .6                | -                 | .8                | .1                | .4                | -                 | 2.3               |  |
|                                      |                       |   | 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 over      |  |
| Helpers and laborers -----           |                       |   | 20.1              | 10.1              | 11.1              | 6.1               | 3.1               | 10.7              | 0.9               | 3.3               |  |
| Bricklayers' tenders -----           |                       |   | 7.6               | 4.0               | 19.8              | 5.8               | 3.9               | 32.9              | -                 | 4.6               |  |
| Building laborers -----              |                       |   | 26.2              | 11.4              | 7.0               | 5.9               | 1.4               | 5.6               | -                 | .8                |  |
| Composition roofers' helpers -----   |                       |   | 50.1              | -                 | -                 | -                 | -                 | -                 | -                 | -                 |  |
| Elevator constructors' helpers ----- |                       |   | 18.2              | 26.5              | 26.6              | 4.6               | 4.4               | -                 | 14.1              | -                 |  |
| Marble setters' helpers -----        |                       |   | 15.8              | 22.6              | 14.4              | 7.7               | -                 | 28.4              | 1.8               | -                 |  |
| Plasterers' laborers -----           |                       |   | 3.2               | 6.6               | 21.7              | 4.0               | 11.0              | 11.4              | 3.2               | 18.6              |  |
| Plumbers' laborers -----             |                       |   | 8.5               | 10.9              | 10.7              | 12.5              | 7.6               | 4.8               | 12.9              | -                 |  |
| Terrazzo workers' helpers -----      |                       |   | 3.6               | 12.8              | 12.2              | 11.4              | 4.8               | 13.1              | 9.0               | 24.5              |  |
| Tile layers' helpers -----           |                       |   | 6.9               | 12.0              | 21.9              | 13.4              | 13.3              | 13.1              | -                 | 15.3              |  |

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

TABLE 8.—Average union hourly wage rates in the building trades by city and population group, July 1, 1954

| City and population group                   | Average hourly rate | City and population group                               | Average hourly rate |
|---|---------------------|---|---------------------|
| <b>JOURNEYMEN</b>                           |                     | <b>JOURNEYMEN - Continued</b>                           |                     |
| Population group I (1,000,000 and over):    |                     | Population group II (500,000 to 1,000,000): - Continued |                     |
| New York, N. Y. -----                       | \$3.39              | Minneapolis-St. Paul, Minn. -----                       | \$2.85              |
| Philadelphia, Pa. -----                     | 3.23                | New Orleans, La. -----                                  | 2.65                |
| Average for group I -----                   | 3.17                | Population group III (250,000 to 500,000):              |                     |
| Chicago, Ill. -----                         | 3.14                | Newark, N. J. -----                                     | 3.47                |
| Detroit, Mich. -----                        | 3.08                | Toledo, Ohio -----                                      | 3.09                |
| Los Angeles, Calif. -----                   | 2.93                | Indianapolis, Ind. -----                                | 3.01                |
| Population group II (500,000 to 1,000,000): |                     | Rochester, N. Y. -----                                  | 2.95                |
| Cleveland, Ohio -----                       | 3.18                | Average for group III -----                             | 2.91                |
| Pittsburgh, Pa. -----                       | 3.18                | Columbus, Ohio -----                                    | 2.90                |
| Washington, D. C. -----                     | 3.10                | Denver, Colo. -----                                     | 2.90                |
| St. Louis, Mo. -----                        | 3.08                | Louisville, Ky. -----                                   | 2.86                |
| Buffalo, N. Y. -----                        | 3.03                | Kansas City, Mo. -----                                  | 2.83                |
| Cincinnati, Ohio -----                      | 3.00                | Seattle, Wash. -----                                    | 2.81                |
| Average for group II -----                  | 2.98                | Dallas, Tex. -----                                      | 2.80                |
| Houston, Tex. -----                         | 2.92                | Portland, Oreg. -----                                   | 2.74                |
| Milwaukee, Wis. -----                       | 2.90                | Atlanta, Ga. -----                                      | 2.68                |
| San Francisco-Oakland, Calif. -----         | 2.90                | Birmingham, Ala. -----                                  | 2.66                |
| Baltimore, Md. -----                        | 2.86                | San Antonio, Tex. -----                                 | 2.62                |
| Boston, Mass. -----                         | 2.86                | Memphis, Tenn. -----                                    | 2.61                |

TABLE 8.—Average union hourly wage rates in the building trades by city and population group, July 1, 1954 - Continued

| City and population group                   | Average hourly rate | City and population group                               | Average hourly rate |
|---|---------------------|---|---------------------|
| <b>JOURNEYMEN - Continued</b>               |                     | <b>HELPERS AND LABORERS - Continued</b>                 |                     |
| Population group IV (100,000 to 250,000):   |                     | Population group II (500,000 to 1,000,000): - Continued |                     |
| Peoria, Ill. ....                           | \$ 3.00             | Baltimore, Md. ....                                     | \$ 1.66             |
| Erie, Pa. ....                              | 2.93                | Houston, Tex. ....                                      | 1.66                |
| Dayton, Ohio ....                           | 2.92                | New Orleans, La. ....                                   | 1.44                |
| New Haven, Conn. ....                       | 2.92                | Population group III (250,000 to 500,000):              |                     |
| Syracuse, N. Y. ....                        | 2.90                | Newark, N. J. ....                                      | 2.69                |
| Grand Rapids, Mich. ....                    | 2.88                | Toledo, Ohio ....                                       | 2.35                |
| Des Moines, Iowa ....                       | 2.86                | Seattle, Wash. ....                                     | 2.28                |
| Springfield, Mass. ....                     | 2.84                | Rochester, N. Y. ....                                   | 2.24                |
| Scranton, Pa. ....                          | 2.80                | Portland, Oreg. ....                                    | 2.23                |
| Oklahoma City, Okla. ....                   | 2.79                | Indianapolis, Ind. ....                                 | 2.11                |
| Spokane, Wash. ....                         | 2.77                | Kansas City, Mo. ....                                   | 2.07                |
| Average for group IV                        | 2.77                | Columbus, Ohio ....                                     | 2.04                |
| Omaha, Nebr. ....                           | 2.76                | Denver, Colo. ....                                      | 2.01                |
| Knoxville, Tenn. ....                       | 2.70                | Average for group III                                   | 1.97                |
| Providence, R. I. ....                      | 2.65                | Louisville, Ky. ....                                    | 1.83                |
| Jacksonville, Fla. ....                     | 2.64                | Dallas, Tex. ....                                       | 1.59                |
| Salt Lake City, Utah ....                   | 2.61                | San Antonio, Tex. ....                                  | 1.46                |
| Richmond, Va. ....                          | 2.60                | Atlanta, Ga. ....                                       | 1.31                |
| Little Rock, Ark. ....                      | 2.59                | Birmingham, Ala. ....                                   | 1.31                |
| Charlotte, N. C. ....                       | 2.39                | Memphis, Tenn. ....                                     | 1.28                |
| <b>HELPERS AND LABORERS</b>                 |                     | Population group IV (100,000 to 250,000):               |                     |
| Population group I (1,000,000 and over):    |                     | Peoria, Ill. ....                                       | 2.29                |
| New York, N. Y. ....                        | 2.56                | Erie, Pa. ....  | 2.14                |
| Detroit, Mich. ....                         | 2.37                | Spokane, Wash. ....                                     | 2.14                |
| Chicago, Ill. ....                          | 2.36                | Dayton, Ohio ....                                       | 2.06                |
| Average for group I                         | 2.30                | Des Moines, Iowa ....                                   | 2.06                |
| Los Angeles, Calif. ....                    | 2.18                | New Haven, Conn. ....                                   | 2.06                |
| Philadelphia, Pa. ....                      | 1.94                | Syracuse, N. Y. ....                                    | 2.05                |
| Population group II (500,000 to 1,000,000): |                     | Grand Rapids, Mich. ....                                | 1.99                |
| Cleveland, Ohio ....                        | 2.54                | Scranton, Pa. ....                                      | 1.93                |
| Buffalo, N. Y. ....                         | 2.31                | Springfield, Mass. ....                                 | 1.90                |
| Milwaukee, Wis. ....                        | 2.24                | Providence, R. I. ....                                  | 1.89                |
| San Francisco-Oakland, Calif. ....          | 2.19                | Omaha, Nebr. ....                                       | 1.87                |
| St. Louis, Mo. ....                         | 2.18                | Salt Lake City, Utah ....                               | 1.85                |
| Cincinnati, Ohio ....                       | 2.17                | Average for group IV                                    | 1.84                |
| Pittsburgh, Pa. ....                        | 2.13                | Oklahoma City, Okla. ....                               | 1.74                |
| Minneapolis-St. Paul, Minn. ....            | 2.10                | Knoxville, Tenn. ....                                   | 1.46                |
| Boston, Mass. ....                          | 2.09                | Richmond, Va. ....                                      | 1.23                |
| Average for group II                        | 2.09                | Jacksonville, Fla. ....                                 | 1.20                |
| Washington, D. C. ....                      | 1.92                | Little Rock, Ark. ....                                  | 1.20                |
|   |                     | Charlotte, N. C. ....                                   | 1.10                |

TABLE 9.—Average union hourly wage rates in the building trades by region,<sup>1</sup> July 1, 1954

| Trade                               | United States | Region      |                 |               |            |             |             |            |           |         |
|-------------------------------------|---------------|-------------|-----------------|---------------|------------|-------------|-------------|------------|-----------|---------|
|                                     |               | New England | Middle Atlantic | Border States | South-east | Great Lakes | Middle West | South-west | Moun-tain | Pacific |
| All building trades .....           | \$ 2.80       | \$ 2.60     | \$ 3.05         | \$ 2.63       | \$ 2.30    | \$ 2.92     | \$ 2.78     | \$ 2.50    | \$ 2.54   | \$ 2.75 |
| Journeymen .....                    | 2.99          | 2.82        | 3.27            | 2.90          | 2.64       | 3.05        | 2.93        | 2.75       | 2.76      | 2.87    |
| Asbestos workers .....              | 3.07          | 2.89        | 3.28            | 2.99          | 2.74       | 3.13        | 3.01        | 2.98       | 2.85      | 3.07    |
| Boilermakers .....                  | 3.11          | 3.00        | 3.44            | 3.01          | 2.90       | 3.13        | 2.96        | 2.90       | 3.01      | 3.05    |
| Bricklayers .....                   | 3.39          | 3.10        | 3.69            | 3.31          | 3.06       | 3.29        | 3.45        | 3.36       | 3.22      | 3.28    |
| Carpenters .....                    | 2.90          | 2.66        | 3.26            | 2.80          | 2.44       | 3.01        | 2.86        | 2.55       | 2.71      | 2.75    |
| Cement finishers .....              | 2.87          | 3.01        | 3.24            | 2.63          | 2.35       | 2.94        | 2.92        | 2.53       | 2.67      | 2.71    |
| Electricians (inside wiremen) ..... | 3.09          | 2.90        | 3.30            | 3.05          | 2.85       | 3.14        | 3.06        | 2.97       | 2.89      | 3.05    |
| Elevator constructors .....         | 3.12          | 2.99        | 3.35            | 3.09          | 2.86       | 3.11        | 3.02        | 2.98       | 2.96      | 3.10    |
| Glaziers .....                      | 2.67          | 2.50        | 2.98            | 2.61          | 2.15       | 2.86        | 2.79        | 2.28       | 2.30      | 2.49    |
| Lathers .....                       | 3.22          | 3.05        | 3.30            | 3.14          | 2.71       | 3.18        | 3.00        | 3.16       | 3.11      | 3.33    |
| Machinists .....                    | 3.07          | 2.75        | 3.33            | 3.00          | 2.50       | 3.06        | 2.99        | 2.91       | 2.78      | 2.90    |
| Marble setters .....                | 3.06          | 2.95        | 3.18            | 3.16          | 2.94       | 3.12        | 3.02        | 2.83       | 2.80      | 2.96    |
| Mosaic and terrazzo workers .....   | 3.01          | 2.93        | 3.24            | 2.97          | 2.96       | 2.98        | 3.13        | 2.66       | 3.09      | 2.95    |
| Painters .....                      | 2.77          | 2.48        | 2.85            | 2.54          | 2.37       | 2.90        | 2.72        | 2.50       | 2.53      | 2.78    |
| Paperhangers .....                  | 2.73          | 2.61        | 2.61            | 2.28          | 2.48       | 2.89        | 2.66        | 2.38       | 2.51      | 2.78    |
| Plasterers .....                    | 3.27          | 3.12        | 3.52            | 3.17          | 2.65       | 3.21        | 3.13        | 3.09       | 3.15      | 3.36    |
| Plumbers .....                      | 3.12          | 2.95        | 3.39            | 2.96          | 2.90       | 3.11        | 3.01        | 2.92       | 2.93      | 3.15    |
| Rodmen .....                        | 2.90          | 3.18        | 3.31            | 2.79          | 2.47       | 3.03        | 2.87        | 2.60       | 2.74      | 2.69    |
| Roofers, composition .....          | 2.76          | 2.76        | 3.09            | 2.32          | 2.01       | 2.90        | 2.68        | 2.24       | 2.75      | 2.72    |

See footnote at end of table.

TABLE 9.—Average union hourly wage rates in the building trades by region,<sup>1</sup> July 1, 1954 - Continued

| Trade                                | United States | Region      |                 |               |            |             |             |            |          |         |
|--------------------------------------|---------------|-------------|-----------------|---------------|------------|-------------|-------------|------------|----------|---------|
|                                      |               | New England | Middle Atlantic | Border States | South-east | Great Lakes | Middle West | South-west | Mountain | Pacific |
| <b>Journeyment: - Continued</b>      |               |             |                 |               |            |             |             |            |          |         |
| Roofers, slate and tile .....        | \$2.82        | \$3.01      | \$3.03          | \$2.91        | \$2.18     | \$3.02      | \$2.64      | \$2.43     | \$2.51   | \$2.77  |
| Sheet-metal workers .....            | 2.96          | 2.86        | 3.25            | 2.84          | 2.57       | 3.00        | 3.05        | 2.74       | 2.66     | 2.91    |
| Steam and sprinkler fitters .....    | 3.11          | 2.91        | 3.37            | 2.93          | 2.91       | 3.15        | 3.08        | 2.98       | 2.97     | 3.13    |
| Stonemasons .....                    | 3.25          | 3.10        | 3.27            | 3.27          | 3.14       | 3.21        | 3.36        | 3.38       | 3.30     | 3.23    |
| Structural-iron workers .....        | 3.08          | 3.21        | 3.33            | 3.10          | 2.68       | 3.15        | 2.92        | 2.84       | 2.78     | 2.90    |
| Tile layers .....                    | 3.05          | 3.02        | 3.25            | 2.98          | 2.80       | 3.06        | 2.95        | 2.71       | 2.81     | 3.04    |
| <b>Helpers and laborers</b>          |               |             |                 |               |            |             |             |            |          |         |
| Bricklayers' tenders .....           | 2.22          | 1.99        | 2.45            | 1.72          | 1.37       | 2.26        | 2.10        | 1.47       | 1.97     | 2.18    |
| Building laborers .....              | 1.96          | 1.97        | 2.15            | 1.68          | 1.29       | 2.30        | 2.20        | 1.53       | 2.25     | 2.50    |
| Composition roofers' helpers .....   | 1.89          | 2.00        | 1.96            | 1.70          | 1.38       | 2.22        | 2.03        | 1.40       | 1.85     | 2.09    |
| Elevator constructors' helpers ..... | 2.23          | 2.10        | 2.46            | 1.75          | 1.35       | 2.02        | 1.95        | 1.48       | -        | 2.00    |
| Marble setters' helpers .....        | 2.22          | 2.10        | 2.29            | 2.18          | 2.00       | 2.17        | 2.16        | 2.12       | 2.09     | 2.17    |
| Plasterers' laborers .....           | 2.30          | 2.14        | 2.51            | 2.17          | 1.35       | 2.43        | 2.06        | 1.63       | 2.05     | 2.26    |
| Plumbers' laborers .....             | 2.09          | -           | 2.23            | 1.88          | 1.43       | 2.40        | 2.42        | 1.69       | 2.28     | 2.95    |
| Terrazzo workers' helpers .....      | 2.39          | 2.12        | 2.60            | 1.74          | 1.27       | 2.39        | 2.27        | 1.55       | 2.09     | 2.19    |
| Tile layers' helpers .....           | 2.33          | 2.12        | 2.56            | 1.99          | 1.35       | 2.44        | 2.27        | 1.58       | 1.96     | 2.41    |
|                                      |               |             |                 | 2.18          | 1.35       | 2.37        | 2.08        | 1.58       | 2.05     | 2.26    |

<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, 1907-54

(Average 1947, 1948, and 1949 = 100)

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

TABLE 11.—Indexes of union weekly hours in each building trade, 1907-54

(Average 1947, 1948, and 1949 = 100)

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

TABLE 11.—Indexes of union weekly hours in each building trade, 1907-54 - Continued

(Average 1947, 1948, and 1949 = 100)

| Date         | Plumb-ers | Rod-men | Roof-ers, composition | Roof-ers, slate and tile | Sheet-metal work-ers | Steam and sprin-klers fitters | Stone-masons | Structural-iron work-ers <sup>1</sup> | Tile layers | Brick-layers' tenders | Build-ing labor-ers | Com-position roof-ers' help-ers | Plas-ter-ers' labor-ers | Plumb-ers' labor-ers | Tile layers' helpers |
|--------------|-----------|---------|-----------------------|--------------------------|----------------------|-------------------------------|--------------|---------------------------------------|-------------|-----------------------|---------------------|---------------------------------|-------------------------|----------------------|----------------------|
| 1907: May 15 | 123.7     | -       | -                     | -                        | 117.0                | 118.8                         | 118.0        | 120.0                                 | -           | 123.3                 | 125.1               | -                               | 127.8                   | -                    | -                    |
| 1908: May 15 | 123.8     | -       | -                     | -                        | 116.9                | 118.8                         | 118.0        | 117.6                                 | -           | 123.3                 | 125.1               | -                               | 127.3                   | -                    | -                    |
| 1909: May 15 | 123.8     | -       | -                     | -                        | 116.9                | 118.5                         | 118.0        | 116.0                                 | -           | 122.9                 | 124.7               | -                               | 127.0                   | -                    | -                    |
| 1910: May 15 | 123.6     | -       | -                     | -                        | 116.9                | 117.8                         | 116.2        | 114.7                                 | -           | 121.9                 | 121.7               | -                               | 127.0                   | -                    | -                    |
| 1911: May 15 | 123.3     | -       | -                     | -                        | 116.6                | 117.7                         | 115.4        | 114.5                                 | -           | 121.3                 | 121.7               | -                               | 126.9                   | -                    | -                    |
| 1912: May 15 | 122.3     | -       | -                     | -                        | 115.1                | 116.9                         | 115.4        | 113.4                                 | 110.7       | 120.3                 | 121.7               | -                               | 126.3                   | -                    | 125.7                |
| 1913: May 15 | 122.3     | -       | -                     | -                        | 114.9                | 116.5                         | 115.3        | 112.9                                 | 113.1       | 120.3                 | 121.7               | -                               | 126.3                   | -                    | 125.1                |
| 1914: May 15 | 121.8     | -       | 113.8                 | 111.6                    | 114.8                | 115.0                         | 115.3        | 112.7                                 | 113.1       | 118.8                 | 121.3               | -                               | 126.4                   | -                    | 125.1                |
| 1915: May 15 | 121.8     | -       | 113.8                 | 111.6                    | 114.6                | 115.0                         | 115.2        | 112.7                                 | 112.7       | 118.8                 | 121.3               | -                               | 126.4                   | -                    | 123.2                |
| 1916: May 15 | 121.2     | -       | 113.8                 | 111.2                    | 114.1                | 114.6                         | 115.0        | 112.4                                 | 112.1       | 118.8                 | 120.7               | -                               | 125.2                   | -                    | 122.8                |
| 1917: May 15 | 121.1     | -       | 113.0                 | 109.2                    | 114.0                | 114.5                         | 114.9        | 112.2                                 | 111.8       | 118.7                 | 119.3               | -                               | 125.0                   | -                    | 121.8                |
| 1918: May 15 | 120.1     | -       | 112.5                 | 109.2                    | 112.8                | 113.4                         | 114.9        | 111.8                                 | 111.8       | 118.7                 | 118.8               | -                               | 125.0                   | -                    | 121.8                |
| 1919: May 15 | 119.7     | -       | 112.5                 | 108.9                    | 112.3                | 113.3                         | 114.2        | 111.6                                 | 111.3       | 118.3                 | 116.6               | -                               | 124.5                   | -                    | 121.4                |
| 1920: May 15 | 119.7     | -       | 112.5                 | 108.9                    | 111.9                | 113.2                         | 114.2        | 111.6                                 | 111.0       | 118.0                 | 115.3               | -                               | 124.5                   | -                    | 121.4                |
| 1921: May 15 | 119.5     | -       | 110.4                 | 108.8                    | 111.9                | 113.1                         | 114.3        | 111.6                                 | 111.1       | 118.0                 | 115.3               | -                               | 124.0                   | -                    | 121.6                |
| 1922: May 15 | 119.5     | -       | 110.4                 | 108.7                    | 111.8                | 113.1                         | 114.2        | 111.6                                 | 110.9       | 118.3                 | 114.5               | -                               | 124.0                   | -                    | 121.6                |
| 1923: May 15 | 119.5     | -       | 110.4                 | 109.0                    | 111.8                | 113.1                         | 114.2        | 111.6                                 | 111.2       | 118.3                 | 115.3               | -                               | 124.1                   | -                    | 122.7                |
| 1924: May 15 | 119.5     | -       | 110.4                 | 108.6                    | 111.8                | 113.1                         | 113.9        | 111.6                                 | 111.2       | 118.2                 | 115.0               | -                               | 124.0                   | -                    | 122.7                |
| 1925: May 15 | 119.5     | -       | 110.4                 | 108.6                    | 111.8                | 113.1                         | 113.9        | 111.3                                 | 111.2       | 118.0                 | 115.1               | -                               | 123.9                   | -                    | 122.7                |
| 1926: May 15 | 119.5     | -       | 110.4                 | 108.6                    | 111.8                | 112.9                         | 114.1        | 111.6                                 | 111.2       | 118.2                 | 115.3               | -                               | 119.8                   | -                    | 122.7                |
| 1927: May 15 | 119.2     | -       | 110.4                 | 108.6                    | 111.4                | 112.7                         | 113.9        | 111.6                                 | 111.1       | 118.2                 | 115.5               | -                               | 119.7                   | -                    | 122.7                |
| 1928: May 15 | 119.2     | -       | 110.3                 | 108.6                    | 111.1                | 112.7                         | 113.8        | 111.5                                 | 110.8       | 118.2                 | 115.4               | -                               | 120.0                   | -                    | 122.7                |
| 1929: May 15 | 118.2     | -       | 109.7                 | 107.3                    | 111.0                | 112.1                         | 110.5        | 111.0                                 | 110.6       | 111.6                 | 115.3               | -                               | 119.9                   | -                    | 122.1                |
| 1930: May 15 | 112.7     | -       | 105.4                 | 102.7                    | 106.9                | 107.1                         | 106.7        | 107.6                                 | 104.9       | 110.9                 | 113.2               | -                               | 116.8                   | -                    | 114.2                |
| 1931: May 15 | 111.2     | -       | 104.1                 | 101.0                    | 105.1                | 106.0                         | 104.8        | 106.3                                 | 103.5       | 110.3                 | 111.8               | -                               | 115.8                   | -                    | 113.0                |
| 1932: May 15 | 110.8     | -       | 103.0                 | 101.0                    | 103.6                | 105.0                         | 104.4        | 103.7                                 | 102.4       | 107.9                 | 107.9               | -                               | 115.5                   | -                    | 111.6                |
| 1933: May 15 | 110.3     | -       | 104.3                 | 101.0                    | 103.5                | 104.4                         | 103.6        | 103.4                                 | 102.2       | 107.3                 | 107.5               | -                               | 113.6                   | -                    | 111.7                |
| 1934: May 15 | 109.2     | -       | 101.6                 | 100.6                    | 102.0                | 103.8                         | 103.1        | 101.9                                 | 95.3        | 105.3                 | 102.8               | -                               | 110.1                   | -                    | 107.0                |
| 1935: May 15 | 108.5     | -       | 101.5                 | 99.3                     | 102.1                | 103.5                         | 103.0        | 100.7                                 | 95.3        | 105.2                 | 102.7               | -                               | 108.8                   | -                    | 93.1                 |
| 1936: May 15 | 107.1     | -       | 102.1                 | 100.2                    | 102.0                | 103.7                         | 103.0        | 100.6                                 | 95.2        | 105.0                 | 103.2               | -                               | 107.0                   | -                    | 93.1                 |
| 1937: May 15 | 107.7     | 100.3   | 102.2                 | 100.1                    | 102.1                | 103.8                         | 103.0        | 100.1                                 | 99.3        | 105.3                 | 103.5               | 99.9                            | 107.0                   | -                    | 99.6                 |
| 1938: June 1 | 102.3     | 100.3   | 100.4                 | 98.9                     | 100.0                | 98.3                          | 99.6         | 99.0                                  | 99.3        | 104.0                 | 103.0               | 99.9                            | 102.0                   | 103.2                | 99.6                 |
| 1939: June 1 | 102.6     | 100.2   | 100.5                 | 98.9                     | 100.0                | 98.7                          | 99.6         | 98.9                                  | 99.3        | 103.7                 | 102.9               | 99.9                            | 101.7                   | 103.2                | 99.6                 |
| 1940: June 1 | 101.5     | 100.2   | 100.1                 | 98.8                     | 100.0                | 98.7                          | 99.5         | 98.9                                  | 99.3        | 103.6                 | 102.3               | 99.6                            | 101.3                   | 100.0                | 99.6                 |
| 1941: June 1 | 101.9     | 101.1   | 100.8                 | 98.8                     | 100.8                | 99.3                          | 99.6         | 99.3                                  | 99.7        | 103.5                 | 102.6               | 100.2                           | 101.7                   | 100.0                | 100.0                |
| 1942: July 1 | 102.5     | 101.1   | 100.9                 | 100.2                    | 100.9                | 100.9                         | 99.8         | 100.0                                 | 101.0       | 102.3                 | 101.6               | 100.5                           | 101.8                   | 99.7                 | 100.0                |
| 1943: July 1 | 104.4     | 101.2   | 100.8                 | 100.0                    | 100.9                | 100.9                         | 99.8         | 100.0                                 | 100.0       | 102.1                 | 100.2               | 100.0                           | 102.4                   | 103.0                | 100.0                |
| 1944: July 1 | 104.4     | 101.2   | 100.7                 | 100.0                    | 100.9                | 100.9                         | 99.8         | 100.0                                 | 100.0       | 102.1                 | 100.2               | 100.0                           | 102.4                   | 102.9                | 100.0                |
| 1945: July 1 | 104.4     | 101.2   | 100.7                 | 100.0                    | 100.9                | 100.9                         | 99.8         | 100.0                                 | 100.0       | 102.1                 | 100.2               | 100.0                           | 102.4                   | 102.9                | 100.0                |
| 1946: July 1 | 100.8     | 100.6   | 100.4                 | 100.0                    | 100.8                | 100.0                         | 99.6         | 100.0                                 | 100.0       | 100.5                 | 100.0               | 100.0                           | 101.7                   | 100.0                | 100.0                |
| 1947: July 1 | 99.8      | 100.0   | 100.4                 | 100.0                    | 100.1                | 100.0                         | 98.9         | 100.0                                 | 100.0       | 100.0                 | 100.0               | 100.0                           | 100.9                   | 100.0                | 100.0                |
| 1948: July 1 | 100.1     | 100.0   | 100.4                 | 100.0                    | 100.1                | 100.0                         | 100.6        | 100.0                                 | 100.0       | 100.0                 | 100.0               | 100.0                           | 99.6                    | 100.0                | 100.0                |
| 1949: July 1 | 100.1     | 100.0   | 99.2                  | 100.0                    | 99.9                 | 100.0                         | 100.4        | 100.0                                 | 100.0       | 100.0                 | 100.0               | 100.0                           | 99.6                    | 100.0                | 100.0                |
| 1950: July 1 | 100.8     | 100.0   | 99.2                  | 100.0                    | 99.9                 | 100.0                         | 100.4        | 100.0                                 | 100.0       | 100.0                 | 100.0               | 100.0                           | 99.6                    | 100.0                | 100.0                |
| 1951: July 1 | 100.8     | 100.0   | 99.2                  | 100.0                    | 99.9                 | 100.0                         | 100.5        | 100.0                                 | 100.0       | 99.8                  | 99.8                | 100.0                           | 100.8                   | 100.0                | 100.0                |
| 1952: July 1 | 100.8     | 100.0   | 99.2                  | 100.0                    | 99.9                 | 100.0                         | 100.5        | 100.0                                 | 100.0       | 99.9                  | 99.9                | 100.0                           | 101.3                   | 100.0                | 100.0                |
| 1953: July 1 | 100.8     | 100.0   | 99.2                  | 100.0                    | 99.9                 | 100.0                         | 100.5        | 100.0                                 | 100.0       | 99.9                  | 99.9                | 100.0                           | 101.3                   | 100.0                | 100.0                |
| 1954: July 1 | 100.8     | 100.0   | 99.2                  | 100.0                    | 99.9                 | 100.0                         | 100.5        | 100.0                                 | 100.0       | 99.9                  | 99.9                | 100.0                           | 101.4                   | 100.0                | 100.0                |

<sup>1</sup> Included rodmen prior to 1940.

TABLE 12.—Distribution of union members in the building trades by straight-time weekly hours, July 1, 1954

| Trade                               | Average hours per week | Percent of union members having workweek of— |          |          |                  | Trade                                | Average hours per week | Percent of union members having workweek of— |          |          |            |
|-------------------------------------|------------------------|--|----------|----------|------------------|--------------------------------------|------------------------|--|----------|----------|------------|
|                                     |                        | 30 hours                                     | 35 hours | 40 hours | 42.5 hours       |                                      |                        | 30 hours                                     | 35 hours | 40 hours | 42.5 hours |
| All building trades -----           | 39.4                   | 0.5  | 11.8     | 87.7     | ( <sup>1</sup> ) | Journeyman: - Continued              |                        |  |          |          |            |
| Journeyman -----                    | 39.3                   | .5   | 12.7     | 86.9     | -                | Roofers, composition ---             | 39.4                   | -  | 11.1     | 88.9     | -          |
| Asbestos workers -----              | 39.8                   | -  | 4.3      | 95.7     | -                | Roofers, slate and tile ---          | 40.0                   | -  | -        | 100.0    | -          |
| Boilermakers -----                  | 40.0                   | -  | -        | 100.0    | -                | Sheet-metal workers ---              | 39.6                   | -  | 7.8      | 92.2     | -          |
| Bricklayers -----                   | 38.9                   | -  | 22.7     | 77.3     | -                | Steam and sprinkler fitters -----    | 39.6                   | -  | 7.1      | 92.9     | -          |
| Carpenters -----                    | 39.4                   | -  | 12.0     | 88.0     | -                | Stonemasons -----                    | 39.5                   | -  | 9.3      | 90.7     | -          |
| Cement finishers -----              | 39.5                   | -  | 9.1      | 90.9     | -                | Structural-iron workers ---          | 39.9                   | -  | 2.7      | 97.3     | -          |
| Electricians (inside wiremen) ----- | 39.4                   | -  | 11.4     | 88.6     | -                | Tile layers -----                    | 40.0                   | -  | -        | 100.0    | -          |
| Elevator constructors -----         | 40.0                   | -  | -        | 100.0    | -                | Helpers and laborers -----           | 39.5                   | 0.8  | 8.2      | 90.9     | 0.1        |
| Glaziers -----                      | 39.6                   | -  | 8.8      | 91.2     | -                | Bricklayers' tenders -----           | 38.6                   | -  | 28.7     | 71.3     | -          |
| Lathers -----                       | 38.6                   | 4.6  | 19.4     | 76.0     | -                | Building laborers -----              | 39.8                   | -  | 4.7      | 95.3     | -          |
| Machinists -----                    | 39.7                   | -  | 6.2      | 93.8     | -                | Composition roofers' helpers -----   | 39.7                   | -  | 7.0      | 93.0     | -          |
| Marble setters -----                | 40.0                   | -  | -        | 100.0    | -                | Elevator constructors' helpers ----- | 40.0                   | -  | -        | 100.0    | -          |
| Mosaic and terrazzo workers -----   | 40.0                   | -  | -        | 100.0    | -                | Marble setters' helpers -----        | 40.0                   | -  | -        | 100.0    | -          |
| Painters -----                      | 38.6                   | ( <sup>1</sup> )                             | 28.7     | 71.2     | -                | Plasterers' laborers -----           | 38.9                   | 10.0   | 3.0      | 85.6     | 1.3        |
| Paperhangers -----                  | 39.3                   | -  | 14.3     | 85.7     | -                | Plumbers' laborers -----             | 40.0                   | -  | -        | 100.0    | -          |
| Plasterers -----                    | 38.1                   | 17.6   | 1.9      | 80.4     | -                | Terrazzo workers' helpers -----      | 40.0                   | -  | -        | 100.0    | -          |
| Plumbers -----                      | 39.3                   | -  | 13.1     | 86.9     | -                | Tile layers' helpers -----           | 40.0                   | -  | -        | 100.0    | -          |
| Rodmen -----                        | 39.8                   | -  | 4.1      | 95.9     | -                |                                      |                        |  |          |          |            |

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



TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954

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

| Trade or occupation                                   | Rate per hour |              | Trade or occupation  | Rate per hour |              |
|---|---------------|--------------|--|---------------|--------------|
|   | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| <b>ATLANTA, GA.</b>                                   |               |              | <b>BALTIMORE, MD. - Continued</b>                                    |               |              |
| <u>Journeyman</u>                                     |               |              | <u>Journeyman - Continued</u>  |               |              |
| Asbestos workers .....                                | \$2.625       | *\$2.750     | Engineers - Power equipment operators:                               |               |              |
| Boilermakers .....                                    | 2.900         | 2.900        | Building construction:   |               |              |
| Bricklayers .....                                     | 3.100         | 3.100        | Heavy equipment:   |               |              |
| Carpenters, millwrights, and<br>piledrivers .....     | 2.350         | 2.500        | Derricks, power cranes, shovels<br>and elevating graders .....       | \$3.100       | \$3.100      |
| Cement finishers .....                                | 2.450         | 2.450        | Medium equipment:  |               |              |
| Electricians (inside wiremen) .....                   | 2.750         | 2.900        | Temporary elevators,<br>concrete pumps, single-<br>drum hoists ..... | 2.250         | 2.250        |
| Elevator constructors .....                           | 2.750         | 2.880        | Light equipment:   |               |              |
| Engineers - Power equipment operators:                |               |              | Compressors and pumps .....  | 2.250         | 2.250        |
| Air compressors, portable and<br>stationary .....     | 1.800         | 1.900        | Bulldozers .....   | 2.250         | 2.350        |
| Bulldozers .....                                      | 2.075         | 2.225        | Heavy construction:  |               |              |
| Cranes, derricks, draglines, and<br>piledrivers ..... | 2.600         | 2.750        | Heavy equipment:   |               |              |
| Graders (elevating) .....                             | 2.400         | 2.550        | Whirleys, derricks, and pile-<br>drivers .....                       | 3.100         | 3.100        |
| Hoists:   |               |              | Light equipment:   |               |              |
| 1 drum .....  | 2.000         | 2.150        | Tractors with attachment .....                                       | 2.250         | 2.250        |
| 2 drums .....   | 2.350         | 2.500        | Glaziers .....   | 2.475         | 2.475        |
| 3 drums .....   | 2.550         | 2.700        | Lathers .....  | 2.875         | 3.000        |
| Locomotives .....                                     | 1.900         | 2.000        | Machinists .....   | 2.875         | 2.975        |
| Mixers:   |               |              | Marble setters .....   | 2.500         | 3.025        |
| Under 10S .....                                       | 1.650         | 1.750        | Mosaic and terrazzo workers .....                                    | 2.875         | 2.875        |
| 10S and over .....                                    | 1.900         | 2.150        | Painters .....   | 2.350         | 2.350        |
| Pumps .....   | 1.650         | 1.750        | Structural steel .....   | 2.475         | 2.475        |
| Rollers .....   | 1.800         | 1.900        | Paperhangers .....   | 2.350         | 2.350        |
| Scrapers .....  | 2.075         | 2.225        | Plasterers .....   | 2.875         | 3.000        |
| Shovels .....   | 2.600         | 2.750        | Plumbers .....   | 2.900         | *2.900       |
| Tractors .....  | 1.900         | 2.225        | Rodmen .....   | 2.900         | *2.900       |
| With special equipment .....                          | 2.075         | 2.225        | Roofers, composition:  |               |              |
| Trench machines .....                                 | 2.350         | 2.500        | First hand .....   | 2.600         | *2.600       |
| Glaziers .....  | 2.350         | 2.500        | Second hand .....  | 2.200         | *2.200       |
| Lathers .....   | 2.750         | 2.750        | Roofers, slate and tile .....  | 2.480         | *2.480       |
| Machinists .....                                      | 2.500         | 2.500        | Precast slabmen - Agreement A .....                                  | 2.680         | 3.250        |
| Mosaic and terrazzo<br>workers .....                  | 3.100         | 3.100        | Precast slabmen - Agreement B .....                                  | 2.680         | 3.000        |
| Painters .....  | 2.350         | 2.500        | Sheet-metal workers .....  | 2.900         | 2.900        |
| Structural steel and<br>swinging stage .....          | 2.600         | 2.750        | Sign painters .....  | 2.500         | 2.500        |
| Paperhangers .....                                    | 2.600         | 2.750        | Steamfitters .....   | 2.900         | *2.900       |
| Plasterers .....                                      | 2.750         | 2.750        | Stonemasons .....  | 3.200         | 3.200        |
| Plumbers .....  | 2.900         | *2.900       | Structural-iron workers .....  | 3.200         | *3.200       |
| Rodmen .....  | 2.500         | 2.600        | Sheeters .....   | 3.450         | *3.450       |
| Roofers, composition .....                            | 1.750         | 1.750        | Tile layers .....  | 2.875         | 2.875        |
| Roofers, slate and tile .....                         | 1.750         | 2.000        |  |               |              |
| Sheet-metal workers .....                             | 2.500         | *2.500       | <u>Helpers and laborers</u>  |               |              |
| Sign painters .....                                   | 2.500         | 2.600        | Bricklayers' tenders .....   | 1.590         | *1.700       |
| Steamfitters .....                                    | 2.900         | *2.900       | Building laborers .....  | 1.490         | *1.600       |
| Stonemasons .....                                     | 3.100         | 3.100        | Composition roofers' helpers .....                                   | 1.490         | *1.490       |
| Structural- and ornamental-iron<br>workers .....      | 2.750         | 2.850        | Elevator constructors' helpers .....                                 | 2.070         | 2.110        |
| Tile layers .....                                     | 3.100         | 3.100        | Marble setters' helpers .....  | 1.790         | 1.950        |
| <u>Helpers and laborers</u>                           |               |              | Plasterers' laborers .....   | 1.590         | *1.700       |
| Bricklayers' tenders .....                            | 1.200         | 1.280        | Hod carriers .....   | 1.800         | *1.950       |
| Mortar mixers .....                                   | 1.300         | 1.400        | Mortar mixers .....  | 1.590         | *1.700       |
| Building laborers .....                               | 1.200         | *1.280       | Plumbers' helpers .....  | 1.490         | *1.600       |
| Elevator constructors'<br>helpers .....               | 1.930         | 2.020        | Terrazzo workers' helpers .....                                      | 1.875         | 1.950        |
| Plasterers' laborers .....                            | 1.200         | 1.280        | Tile layers' helpers .....   | 1.790         | 1.950        |
| Plumbers' laborers .....                              | 1.200         | 1.280        |  |               |              |
|   |               |              | <b>BIRMINGHAM, ALA.</b>  |               |              |
|   |               |              | <u>Journeyman</u>  |               |              |
|   |               |              | Asbestos workers .....   | 2.750         | 2.900        |
|   |               |              | Bricklayers .....  | 3.000         | 3.150        |
|   |               |              | Carpenters, floor layers,<br>and piledrivers .....                   | 2.240         | 2.400        |
|   |               |              | Millwrights .....  | 2.365         | 2.525        |
|   |               |              | Cement finishers .....   | 2.380         | *2.480       |
|   |               |              | Electricians (inside wiremen) .....                                  | 2.875         | 3.000        |
|   |               |              | Elevator constructors .....  | 2.710         | 2.840        |
|   |               |              | Engineers - Power equipment operators:                               |               |              |
|   |               |              | Air compressors .....  | 2.025         | 2.110        |
|   |               |              | Bulldozers .....   | 2.300         | 2.385        |
|   |               |              | Cranes, derricks, and draglines .....                                | 2.440         | 2.525        |
|   |               |              | Finishing machines .....   | 2.025         | 2.110        |
|   |               |              | Graders:   |               |              |
|   |               |              | Blade .....  | 2.135         | 2.220        |
|   |               |              | Motor .....  | 2.300         | 2.385        |
|   |               |              |  |               |              |
| <b>BALTIMORE, MD.</b>                                 |               |              |  |               |              |
| <u>Journeyman</u>                                     |               |              |  |               |              |
| Asbestos workers .....                                | 2.750         | 3.025        |  |               |              |
| Boilermakers .....                                    | 3.000         | 3.050        |  |               |              |
| Bricklayers .....                                     | 3.200         | 3.200        |  |               |              |
| Carpenters, millwrights,<br>and piledrivers .....     | 2.580         | 2.750        |  |               |              |
| Cement finishers .....                                | 2.600         | 2.750        |  |               |              |
| Electricians (inside wiremen) .....                   | 2.875         | 2.975        |  |               |              |
| Elevator constructors .....                           | 2.960         | 3.020        |  |               |              |

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.

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 for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                                | Rate per hour |              | Trade or occupation                                | Rate per hour |              |
|--|---------------|--------------|--|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| <b>BIRMINGHAM, ALA. - Continued</b>                |               |              | <b>BOSTON, MASS. - Continued</b>                   |               |              |
| <u>Journeyman - Continued</u>                      |               |              | <u>Journeyman - Continued</u>                      |               |              |
| Engineers - Power equipment operators: - Continued |               |              | Engineers - Power equipment operators: - Continued |               |              |
| Hoists:  |               |              | Heavy construction:                                |               |              |
| 1 drum .....                                       | \$ 2.160      | \$ 2.245     | Heavy equipment:                                   |               |              |
| 2 drums .....                                      | 2.440         | 2.525        | Power shovels, piledrivers, lighters .....         | \$ 3.000      | \$ 3.200     |
| Mixers:  |               |              | Medium equipment:                                  |               |              |
| Under 5 bags .....                                 | 2.025         | 2.110        | Concrete mixers, steam boilers, bulldozers .....   | 2.625         | 2.825        |
| 5 bags and over .....                              | 2.440         | 2.525        | Light equipment:                                   |               |              |
| Piledrivers .....                                  | 2.440         | 2.525        | Pumps, compressors, welding machines .....         | 2.550         | 2.750        |
| Pumps .....  | 2.025         | 2.110        | Glaziers .....                                     | 2.425         | 2.500        |
| Rollers .....                                      | 2.160         | 2.245        | Granite cutters .....                              | 3.000         | 3.000        |
| Scrapers .....                                     | 2.440         | 2.525        | Lathers .....                                      | 3.050         | 3.050        |
| Shovels .....                                      | 2.440         | 2.525        | Machinists .....                                   | 2.750         | 2.750        |
| Tractors .....                                     | 2.160         | 2.245        | Marble setters .....                               | 2.940         | 3.000        |
| Trench machines .....                              | 2.440         | 2.525        | Mosaic and terrazzo workers .....                  | 2.940         | 3.000        |
| Glaziers .....                                     | 2.300         | 2.300        | Painters .....                                     | 2.475         | 2.500        |
| Lathers .....                                      | 2.250         | 2.250        | Spray .....  | 3.200         | 3.333        |
| Marble setters .....                               | 2.625         | 2.800        | Structural steel .....                             | 2.550         | 2.750        |
| Mosaic and terrazzo workers .....                  | 2.625         | 2.800        | Plasterers .....                                   | 3.050         | 3.150        |
| Painters .....                                     | 2.350         | 2.475        | Plumbers .....                                     | 2.850         | 3.000        |
| Spray .....  | 2.350         | 2.475        | Rodmen .....                                       | 2.950         | 3.075        |
| Structural steel, stage and swing stage .....      | 2.600         | 2.725        | Roofers, composition .....                         | 2.580         | 2.730        |
| Paperhangers .....                                 | 2.350         | 2.475        | Roofers, slate and tile .....                      | 2.580         | 2.730        |
| Plasterers .....                                   | 2.520         | * 2.620      | Sheet-metal workers .....                          | 2.850         | 2.850        |
| Plumbers .....                                     | 2.800         | 2.875        | Sign painters .....                                | 2.200         | 2.300        |
| Rodmen .....                                       | 2.400         | * 2.500      | Letterers (outdoor) .....                          | 2.200         | 2.320        |
| Roofers:   |               |              | Combination (pictorial) .....                      | 2.540         | 2.640        |
| Composition, flat .....                            | 2.100         | 2.200        | Steamfitters .....                                 | 2.850         | 3.000        |
| Composition, steep .....                           | 2.150         | 2.250        | Sprinkler fitters .....                            | 2.845         | 3.000        |
| Slate and tile, slabbers and sheeters .....        | 2.150         | 2.250        | Stonecutters:                                      |               |              |
| Sheet-metal workers .....                          | 2.575         | 2.675        | Inside .....                                       | 2.550         | 2.550        |
| Sign painters .....                                | 2.350         | 2.500        | Outside .....                                      | 3.125         | 3.125        |
| Steamfitters .....                                 | 2.800         | 2.875        | Carvers:   |               |              |
| Stonemasons .....                                  | 3.000         | 3.150        | Inside .....                                       | 3.000         | 3.000        |
| Structural- and ornamental-iron workers .....      | 2.650         | * 2.750      | Outside .....                                      | 3.550         | 3.550        |
| Buckers-up .....                                   | 2.775         | * 2.875      | Artificial stone patchers:                         |               |              |
| Sheeters .....                                     | 2.900         | * 3.000      | Inside .....                                       | 2.290         | 2.290        |
| Tile layers .....                                  | 2.625         | 2.800        | Outside .....                                      | 3.125         | 3.125        |
| <u>Helpers and laborers</u>                        |               |              | Stonemasons .....                                  | 3.085         | 3.085        |
| Bricklayers' tenders .....                         | 1.225         | 1.300        | Structural-iron workers .....                      | 2.950         | * 3.075      |
| Mortar mixers .....                                | 1.325         | 1.400        | Tile layers .....                                  | 2.875         | 3.085        |
| Building laborers .....                            | 1.225         | 1.300        |  |               |              |
| Concrete helpers .....                             | 1.225         | 1.300        | <u>Helpers and laborers</u>                        |               |              |
| Composition roofers' helpers .....                 | 1.250         | 1.350        | Bricklayers' tenders .....                         | 1.930         | 2.070        |
| Elevator constructors' helpers .....               | 1.897         | 1.988        | Building laborers .....                            | 1.930         | 2.070        |
| Marble setters' helpers .....                      | 1.225         | 1.350        | Composition roofers' helpers .....                 | 1.920         | 2.050        |
| Plasterers' laborers .....                         | 1.275         | 1.350        | Elevator constructors' helpers .....               | 2.040         | 2.110        |
| Hod carriers .....                                 | 1.275         | 1.350        | Marble setters' helpers .....                      | 2.150         | 2.225        |
| Plumbers' laborers .....                           | 1.225         | 1.300        | Plasterers' laborers .....                         | 2.100         | 2.240        |
| Terrazzo workers' helpers .....                    | 1.225         | 1.350        | Terrazzo workers' helpers .....                    | 2.125         | 2.300        |
| Tile layers' helpers .....                         | 1.225         | 1.350        | Tile layers' helpers .....                         | 2.150         | 2.225        |
| <b>BOSTON, MASS.</b>                               |               |              | <b>BUFFALO, N. Y.</b>                              |               |              |
| <u>Journeyman</u>                                  |               |              | <u>Journeyman</u>                                  |               |              |
| Asbestos workers .....                             | 2.850         | 3.000        | Asbestos workers .....                             | 2.900         | 2.975        |
| Boilermakers .....                                 | 2.750         | 3.000        | Boilermakers .....                                 | 3.010         | 3.140        |
| Bricklayers .....                                  | 3.085         | 3.085        | Bricklayers .....                                  | 3.140         | 3.340        |
| Carpenters .....                                   | 2.750         | 2.750        | Carpenters .....                                   | 2.905         | 2.985        |
| Cement finishers .....                             | 3.125         | 3.125        | Millwrights .....                                  | 2.955         | 3.020        |
| Electricians (inside wiremen) .....                | 2.900         | 3.000        | Cement finishers .....                             | 2.850         | 2.965        |
| Elevator constructors .....                        | 2.910         | 3.010        | Swing scaffold .....                               | 3.120         | 3.235        |
| Engineers - Power equipment operators:             |               |              | Machine operators .....                            | 3.020         | 3.135        |
| Building construction:                             |               |              | Swing scaffold .....                               | 3.270         | 3.385        |
| Heavy equipment:                                   |               |              | Electricians (inside wiremen) .....                | 3.000         | 3.150        |
| Power shovels, piledrivers, hoisting engines ..... | 3.000         | 3.200        | Elevator constructors .....                        | 3.075         | 3.190        |
| Medium equipment:                                  |               |              |  |               |              |
| Bulldozers, concrete mixers, steam boilers .....   | 2.625         | 2.825        |  |               |              |
| Light equipment:                                   |               |              |  |               |              |
| Pumps, compressors, welding machines .....         | 2.550         | 2.750        |  |               |              |

See footnote at end of table.

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.



TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                                | Rate per hour |              | Trade or occupation                                | Rate per hour |              |
|--|---------------|--------------|--|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| CHICAGO, ILL. - Continued                          |               |              | CINCINNATI, OHIO - Continued                       |               |              |
| <u>Journeyman</u> - Continued                      |               |              | <u>Journeyman</u> - Continued                      |               |              |
| Engineers - Power equipment operators: - Continued |               |              | Engineers - Power equipment operators: - Continued |               |              |
| Heavy construction:                                |               |              | Heavy construction:                                |               |              |
| Heavy equipment:                                   |               |              | Heavy equipment:                                   |               |              |
| Draglines .....                                    | \$ 2.3.150    | \$ 2.3.300   | Cranes .....                                       | 2.950         | 3.100        |
| Large mixers .....                                 | 2.3.150       | 2.3.300      | Derricks .....                                     | 2.950         | 3.100        |
| Shovels .....                                      | 2.3.150       | 2.3.300      | Power shovels .....                                | 2.950         | 3.100        |
| Medium equipment:                                  |               |              | Medium equipment:                                  |               |              |
| Cranes, mobile .....                               | 2.2.850       | 2.3.000      | Power graders .....                                | 2.700         | 2.850        |
| Hoists .....                                       | 2.2.800       | 2.2.900      | Rollers, asphalt .....                             | 2.575         | 2.725        |
| Light equipment:                                   |               |              | Trench machines .....                              |               |              |
| Bulldozers .....                                   | 2.2.700       | 2.2.700      | 2.700  | 2.850         |              |
| Le Tourneau scoops .....                           | 2.2.850       | 2.2.950      | Light equipment:                                   |               |              |
| Power blades .....                                 | 2.2.765       | 2.2.950      | Bulldozers .....                                   | 2.700         | 2.850        |
| Glaziers .....                                     | 3.215         | 3.365        | Compressors, portable .....                        | 2.375         | 2.475        |
| Granite cutters .....                              | 3.080         | 3.160        | Pumps, under 4 inch .....                          | 2.125         | 2.125        |
| Lathers .....                                      | 3.300         | 3.300        | Pumps, 4 inch and over .....                       | 2.575         | 2.725        |
| Machinists .....                                   | 3.000         | 3.150        | 2.760  | 2.900         |              |
| Marble setters and cutters .....                   | 3.150         | 3.300        | Lathers .....                                      | 2.950         | 2.950        |
| Mosaic and terrazzo workers .....                  | 2.850         | 3.300        | Machinists .....                                   | 2.735         | 2.935        |
| Painters .....                                     | 3.000         | 3.125        | Marble setters .....                               | 3.225         | 3.325        |
| Paperhangers .....                                 | 3.000         | 3.125        | Mosaic and terrazzo workers .....                  | 3.000         | 3.100        |
| Plasterers .....                                   | 3.300         | 3.300        | Painters:  |               |              |
| Plumbers .....                                     | 3.000         | 3.130        | Commercial .....                                   | 2.600         | 2.650        |
| Rodmen .....                                       | 3.150         | 3.300        | Residential .....                                  | 2.500         | 2.550        |
| Roofers, composition .....                         | 3.200         | 3.200        | Paperhangers .....                                 | 2.500         | 2.550        |
| Roofers, slate and tile .....                      | 3.200         | 3.200        | Pipefitters .....                                  | 3.100         | 3.150        |
| Sheet-metal workers .....                          | 3.050         | 3.110        | Plasterers .....                                   | 3.100         | 3.100        |
| Sign painters .....                                | 3.075         | 3.150        | Plumbers .....                                     | 2.850         | 3.050        |
| Steamfitters .....                                 | 3.060         | 3.220        | Rodmen .....                                       | 2.750         | 2.875        |
| Sprinkler fitters .....                            | 3.150         | 3.300        | Roofers, composition .....                         | 2.575         | 2.575        |
| Stonemasons .....                                  | 3.325         | 3.325        | Roofers, slate and tile .....                      | 2.850         | 3.000        |
| Structural-iron workers .....                      | 3.150         | 3.300        | Roofers, precast slab .....                        | 2.950         | 3.100        |
| Ornamental-iron finishers .....                    | 3.100         | 3.250        | Sheet-metal workers .....                          | 2.850         | 3.000        |
| Tile layers, ceramic .....                         | 3.100         | 3.250        | Sign painters .....                                | 2.680         | 2.780        |
| Metal, plastic, and composition .....              | 2.925         | 3.070        | Stonemasons .....                                  | 3.225         | 3.325        |
| <u>Helpers and laborers</u>                        |               |              | <u>Helpers and laborers</u>                        |               |              |
| Bricklayers' tenders .....                         | 2.275         | 2.275        | Structural-iron workers .....                      | 2.915         | 3.040        |
| Building laborers .....                            | 2.275         | 2.275        | Tile layers .....                                  | 2.950         | 3.100        |
| Elevator constructors' helpers .....               | 2.160         | 2.240        | <u>Building laborers</u> .....                     |               |              |
| Marble setters' helpers .....                      | 2.300         | 2.500        | 2.020  | 2.120         |              |
| Plasterers' laborers .....                         | 2.400         | 2.550        | Elevator constructors' helpers .....               | 2.035         | 2.160        |
| Terrazzo workers' helpers .....                    | 2.500         | 2.650        | Hod carriers .....                                 | 2.220         | 2.320        |
| Base-machine operators .....                       | 2.750         | 2.900        | Marble setters' helpers .....                      | 2.370         | 2.520        |
| Tile layers' helpers .....                         | 2.250         | 2.400        | Marble polishers and floor grinders .....          | 2.535         | 2.685        |
| CINCINNATI, OHIO                                   |               |              | Terrazzo workers' helpers .....                    |               |              |
| <u>Journeyman</u>                                  |               |              | 2.280  |               |              |
| Asbestos workers .....                             | 2.705         | 3.025        | Base grinders .....                                | 2.700         | 2.850        |
| Boilermakers .....                                 | 2.900         | 3.050        | Tile layers' helpers .....                         | 2.170         | 2.320        |
| Bricklayers .....                                  | 3.225         | 3.325        | CLEVELAND, OHIO                                    |               |              |
| Carpenters .....                                   | 2.700         | 3.025        | <u>Journeyman</u>                                  |               |              |
| Millwrights .....                                  | 2.790         | 3.075        | Asbestos workers .....                             | 3.025         | 3.100        |
| Cement finishers .....                             | 2.625         | 2.750        | Boilermakers .....                                 | 3.125         | 3.200        |
| Electricians (inside wiremen) .....                | 3.000         | 3.250        | Bricklayers .....                                  | 3.175         | 3.250        |
| Elevator constructors .....                        | 2.905         | 3.090        | Caisson and sewer .....                            | 3.675         | 3.750        |
| Engineers - Power equipment operators:             |               |              | Carpenters .....                                   | 3.200         | 3.275        |
| Building construction:                             |               |              | Cement finishers .....                             | 3.025         | 3.100        |
| Heavy equipment:                                   |               |              | Electricians (inside wiremen) .....                | 3.200         | 3.275        |
| Cranes .....                                       | 2.950         | 3.100        | Elevator constructors .....                        | 3.155         | 3.245        |
| Derricks .....                                     | 2.950         | 3.100        | Engineers - Power equipment operators:             |               |              |
| Power shovels .....                                | 2.950         | 3.100        | Building and heavy construction:                   |               |              |
| Medium equipment:                                  |               |              | Heavy equipment:                                   |               |              |
| Power graders .....                                | 2.700         | 2.850        | Cranes (all types) .....                           | 3.200         | 3.300        |
| Rollers, asphalt .....                             | 2.575         | 2.725        | Power shovels .....                                | 3.200         | 3.300        |
| Trench machines .....                              | 2.700         | 2.850        | Derricks .....                                     | 3.200         | 3.300        |
| Light equipment:                                   |               |              | Medium equipment:                                  |               |              |
| Bulldozers .....                                   | 2.700         | 2.850        | Power graders .....                                | 2.950         | 3.050        |
| Compressors, portable .....                        | 2.375         | 2.475        | Rollers .....                                      | 2.825         | 2.925        |
| Pumps, under 4 inch .....                          | 2.125         | 2.125        | Trench machines .....                              | 2.950         | 3.050        |
| Pumps, 4 inch and over .....                       | 2.575         | 2.725        | Light equipment:                                   |               |              |
| CLEVELAND, OHIO                                    |               |              | Bulldozers .....                                   | 2.950         | 3.050        |
| <u>Journeyman</u>                                  |               |              | Pumps, 4 inch and over .....                       | 2.825         | 2.925        |
| Asbestos workers .....                             | 2.705         | 3.025        | Compressors, Bldg. Const. ....                     | 2.825         | 2.925        |
| Boilermakers .....                                 | 2.900         | 3.050        | Compressors, portable .....                        | 2.625         | 2.675        |
| Bricklayers .....                                  | 3.225         | 3.325        |  |               |              |
| Carpenters .....                                   | 2.700         | 3.025        |  |               |              |
| Millwrights .....                                  | 2.790         | 3.075        |  |               |              |
| Cement finishers .....                             | 2.625         | 2.750        |  |               |              |
| Electricians (inside wiremen) .....                | 3.000         | 3.250        |  |               |              |
| Elevator constructors .....                        | 2.905         | 3.090        |  |               |              |
| Engineers - Power equipment operators:             |               |              |  |               |              |
| Building construction:                             |               |              |  |               |              |
| Heavy equipment:                                   |               |              |  |               |              |
| Cranes .....                                       | 2.950         | 3.100        |  |               |              |
| Derricks .....                                     | 2.950         | 3.100        |  |               |              |
| Power shovels .....                                | 2.950         | 3.100        |  |               |              |
| Medium equipment:                                  |               |              |  |               |              |
| Power graders .....                                | 2.700         | 2.850        |  |               |              |
| Rollers, asphalt .....                             | 2.575         | 2.725        |  |               |              |
| Trench machines .....                              | 2.700         | 2.850        |  |               |              |
| Light equipment:                                   |               |              |  |               |              |
| Bulldozers .....                                   | 2.700         | 2.850        |  |               |              |
| Compressors, portable .....                        | 2.375         | 2.475        |  |               |              |
| Pumps, under 4 inch .....                          | 2.125         | 2.125        |  |               |              |
| Pumps, 4 inch and over .....                       | 2.575         | 2.725        |  |               |              |

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                    | Rate per hour |              | Trade or occupation                                | Rate per hour |              |
|--|---------------|--------------|--|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| CLEVELAND, OHIO - Continued            |               |              | COLUMBUS, OHIO - Continued                         |               |              |
| <u>Journeyman - Continued</u>          |               |              | <u>Journeyman - Continued</u>                      |               |              |
| Glaziers .....                         | \$2.950       | \$3.000      | Engineers - Power equipment operators: - Continued |               |              |
| Lathers .....                          | 3.200         | 3.275        | Heavy construction: - Continued                    |               |              |
| Machinists .....                       | 3.000         | 3.250        | Light equipment:                                   |               |              |
| Marble setters .....                   | 2.980         | 3.105        | Bulldozers .....                                   | \$2.700       | \$2.850      |
| Mosaic and terrazzo workers .....      | 2.980         | 3.105        | Pumps, compressors .....                           | 2.575         | 2.725        |
| Painters (including fresco) .....      | 2.825         | 2.900        | Glaziers .....                                     | 2.300         | 2.350        |
| Spray and swing stage .....            | 2.950         | 3.025        | Lathers .....                                      | 2.875         | 2.975        |
| Structural steel .....                 | 3.075         | 3.150        | Marble setters .....                               | 2.575         | 2.675        |
| Paperhangers .....                     | 2.825         | 2.900        | Mosaic and terrazzo workers .....                  | 2.575         | 2.675        |
| Pipefitters .....                      | 3.100         | 3.175        | Painters .....                                     | 2.500         | 2.600        |
| Refrigerator installers .....          | 3.100         | 3.175        | Structural steel .....                             | 2.650         | 2.775        |
| Plasterers .....                       | 3.125         | 3.275        | Spray .....  | 2.750         | 2.900        |
| Plumbers .....                         | 3.100         | 3.175        | Paperhangers .....                                 | 2.500         | 2.600        |
| Rodmen, reinforcers .....              | 3.125         | 3.200        | Plasterers .....                                   | 2.875         | 2.975        |
| Roofers, composition .....             | 3.205         | 3.325        | Plumbers .....                                     | 2.875         | 3.000        |
| Roofers, slate and tile .....          | 3.200         | 3.275        | Rodmen and reinforcers .....                       | 2.925         | 3.025        |
| Sheet-metal workers .....              | 3.025         | 3.200        | Roofers, composition .....                         | 2.400         | 2.650        |
| Sign painters .....                    | 3.000         | 3.150        | Roofers, slate and tile .....                      | 2.400         | 2.650        |
| Sprinkler fitters .....                | 3.100         | 3.175        | Spray gun or damp proofing .....                   | 2.575         | 2.825        |
| Stonemasons .....                      | 2.600         | 2.650        | Sheet-metal workers .....                          | 2.625         | 2.850        |
| Stonemasons .....                      | 3.175         | 3.250        | Sign painters .....                                | 2.300         | * 2.300      |
| Structural-iron workers .....          | 3.125         | 3.200        | Steamfitters .....                                 | 2.875         | 3.000        |
| Sheeters .....                         | 3.375         | 3.450        | Stonemasons, stone setters, cement blockmen .....  | 3.150         | 3.150        |
| Sheeters-bucker up .....               | 3.250         | 3.325        | Structural-iron workers .....                      | 2.925         | 3.025        |
| Tile layers .....                      | 3.025         | 3.100        | Tile layers .....                                  | 2.575         | 2.675        |
| <u>Helpers and laborers</u>            |               |              | <u>Helpers and laborers</u>                        |               |              |
| Bricklayers' tenders .....             | 2.450         | 2.525        | Bricklayers' tenders .....                         | 2.050         | 2.150        |
| Building laborers .....                | 2.450         | 2.525        | Building laborers .....                            | 1.850         | 1.950        |
| Elevator constructors' helpers .....   | 2.210         | 2.270        | Elevator constructors' helpers .....               | 1.990         | 2.085        |
| Marble setters' helpers .....          | 2.500         | 2.575        | Plasterers' laborers .....                         | 2.050         | 2.150        |
| Plasterers' laborers .....             | 2.450         | 2.525        |  |               |              |
| Plumbers' laborers .....               | 2.575         | 2.650        |  |               |              |
| Terrazzo workers' helpers .....        | 2.500         | 2.575        |  |               |              |
| Machine operators .....                | 2.650         | 2.725        |  |               |              |
| Tile layers' helpers .....             | 2.500         | 2.575        |  |               |              |
| COLUMBUS, OHIO                         |               |              | DALLAS, TEX.                                       |               |              |
| <u>Journeyman</u>                      |               |              | <u>Journeyman</u>                                  |               |              |
| Asbestos workers .....                 | 2.965         | 3.090        | Asbestos workers .....                             | 2.750         | 3.000        |
| Boilermakers .....                     | 2.900         | 3.050        | Bricklayers .....                                  | 3.500         | 3.500        |
| Bricklayers .....                      | 3.300         | 3.400        | Carpenters .....                                   | 2.625         | 2.625        |
| Carpenters .....                       | 2.675         | 2.775        | Millwrights .....                                  | 2.750         | 2.750        |
| Millwrights .....                      | 2.800         | 2.900        | Cement finishers .....                             | 2.625         | 2.625        |
| Parquetry and linoleum tile .....      | 2.675         | 2.775        | Electricians (inside wiremen) .....                | 2.900         | 3.000        |
| Wharf and bridge .....                 | 2.800         | 2.900        | Elevator constructors .....                        | 3.015         | 3.110        |
| Cement finishers .....                 | 2.575         | 2.675        | Engineers - Power equipment operators:             |               |              |
| Electricians (inside wiremen) .....    | 2.925         | 3.030        | Air compressors:                                   |               |              |
| Elevator constructors .....            | 2.840         | 2.980        | Under 105 cubic feet .....                         | 2.125         | 2.125        |
| Engineers - Power equipment operators: |               |              | Over 105 cubic feet .....                          | 2.500         | 2.500        |
| Building construction:                 |               |              | Bulldozers .....                                   | 2.750         | 2.750        |
| Heavy equipment:                       |               |              | Carryalls .....                                    | 2.750         | 2.750        |
| Cranes, power shovels, derricks .....  | 2.950         | 3.100        | Cranes, derricks, and draglines .....              | 2.750         | 2.750        |
| Medium equipment:                      |               |              | Hoists:  |               |              |
| Power graders, trench machines .....   | 2.700         | 2.850        | 1 drum .....                                       | 2.500         | 2.500        |
| Rollers, asphalt .....                 | 2.575         | 2.725        | 2 or more drums .....                              | 2.750         | 2.750        |
| Rollers, brick, grade .....            | 2.375         | 2.475        | Mixers:  |               |              |
| Light equipment:                       |               |              | Less than 14 cubic feet .....                      | 2.500         | 2.500        |
| Bulldozers .....                       | 2.700         | 2.850        | 14 cubic feet and over .....                       | 2.750         | 2.750        |
| Pumps, under 4 inch .....              | 2.075         | 2.125        | Pumps:   |               |              |
| Pumps, 4 inch and over .....           | 2.575         | 2.725        | 1 pump (4 inches or less) .....                    | 2.125         | 2.125        |
| Compressors .....                      | 2.575         | 2.725        | 2 or more pumps .....                              | 2.750         | 2.750        |
| Heavy construction:                    |               |              | Rollers .....                                      | 2.500         | 2.500        |
| Heavy equipment:                       |               |              | Shovels .....                                      | 2.750         | 2.750        |
| Cranes, power shovels, derricks .....  | 2.950         | 3.100        | Tractors .....                                     | 2.750         | 2.750        |
| Medium equipment:                      |               |              | Glaziers .....                                     | 2.225         | 2.225        |
| Power graders, trench machines .....   | 2.700         | 2.850        | Lathers .....                                      | 3.438         | 3.438        |
| Rollers .....                          | 2.575         | 2.725        | Machinists .....                                   | 3.000         | 3.000        |
| Light equipment:                       |               |              | Marble setters .....                               | 2.750         | * 2.750      |
| Bulldozers .....                       | 2.700         | 2.850        | Mosaic and terrazzo workers .....                  | 2.750         | * 2.750      |
| Pumps, under 4 inch .....              | 2.075         | 2.125        | Painters .....                                     | 2.500         | 2.500        |
| Pumps, 4 inch and over .....           | 2.575         | 2.725        | Spray, swinging stage .....                        | 2.750         | 2.750        |
| Compressors .....                      | 2.575         | 2.725        | Paperhangers .....                                 | 2.500         | 2.500        |
| Heavy construction:                    |               |              | Plasterers .....                                   | 3.438         | 3.438        |
| Heavy equipment:                       |               |              | Plumbers .....                                     | 2.900         | 3.000        |
| Cranes, power shovels, derricks .....  | 2.950         | 3.100        | Rodmen .....                                       | 2.500         | 2.600        |
| Medium equipment:                      |               |              | Roofers, composition .....                         | 2.150         | 2.150        |
| Power graders, trench machines .....   | 2.700         | 2.850        |  |               |              |
| Rollers .....                          | 2.575         | 2.725        |  |               |              |

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.

TABLE 13.— Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                           | Rate per hour |              | Trade or occupation                    | Rate per hour |              |
|---|---------------|--------------|--|---------------|--------------|
|   | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| <b>DALLAS, TEX. - Continued</b>               |               |              | <b>DAYTON, OHIO - Continued</b>        |               |              |
| <u>Journeyman - Continued</u>                 |               |              | <u>Helpers and laborers</u>            |               |              |
| Roofers, slate and tile .....                 | \$ 2.400      | \$ 2.400     | Bricklayers' tenders .....             | \$ 2.250      | \$ 2.250     |
| Sheet-metal workers .....                     | 2.813         | 2.813        | Hod carriers .....                     | 2.250         | 2.250        |
| Sign painters .....                           | 2.500         | 2.625        | Building laborers .....                | 1.980         | 1.980        |
| Steamfitters .....                            | 2.900         | 3.000        | Elevator constructors' helpers .....   | 2.035         | 2.160        |
| Stonemasons .....                             | 3.500         | 3.500        | Marble setters' helpers .....          | 2.060         | 2.060        |
| Structural- and ornamental-iron workers ..... | 2.750         | 2.875        | Plasterers' tenders .....              | 2.250         | 2.250        |
| Buckers-up .....                              | 2.888         | 3.013        | Plumbers' laborers .....               | 1.980         | 1.980        |
| Sheeters .....                                | 3.025         | 3.150        | Terrazzo workers' helpers .....        | 2.060         | 2.060        |
| Tile layers .....                             | 2.750         | 2.750        | Base grinders .....                    | 2.590         | 2.590        |
|   |               |              | Tile layers' helpers .....             | 2.060         | 2.060        |
| <u>Helpers and laborers</u>                   |               |              | <b>DENVER, COLO.</b>                   |               |              |
| Bricklayers' tenders .....                    | 1.550         | 1.600        | <u>Journeyman</u>                      |               |              |
| Mortar mixers .....                           | 1.600         | 1.600        | Asbestos workers .....                 | 2.750         | 3.000        |
| Building laborers .....                       | 1.400         | 1.450        | Boilermakers .....                     | 2.750         | 2.900        |
| Elevator constructors' helpers .....          | 2.110         | 2.170        | Bricklayers .....                      | 3.500         | 3.500        |
| Plasterers' laborers .....                    | 1.600         | 1.600        | Sewer work .....                       | 3.750         | 3.750        |
| Mortar mixers .....                           | 1.600         | 1.600        | Carpenters .....                       | 2.775         | 2.850        |
|   |               |              | Cement finishers .....                 | 2.750         | 2.775        |
| <b>DAYTON, OHIO</b>                           |               |              | Composition floor layers .....         | 3.000         | 3.025        |
| <u>Journeyman</u>                             |               |              | Electricians (inside wiremen) .....    | 3.000         | 3.000        |
| Asbestos workers .....                        | 2.760         | 2.760        | Elevator constructors .....            | 2.990         | 3.090        |
| Boilermakers .....                            | 2.900         | 3.000        | Engineers - Power equipment operators: |               |              |
| Bricklayers .....                             | 3.320         | 3.320        | Building construction:                 |               |              |
| Carpenters .....                              | 2.800         | 2.800        | Heavy equipment:                       |               |              |
| Cement finishers .....                        | 2.620         | 2.620        | Derricks, shovels,                     |               |              |
| Electricians (inside wiremen) .....           | 3.190         | 3.190        | multiple-drum hoists .....             | 2.630         | 2.955        |
| Elevator constructors .....                   | 2.905         | 3.090        | Medium equipment:                      |               |              |
| Engineers - Power equipment operators:        |               |              | Tractors .....                         | 2.460         | 2.785        |
| Building construction:                        |               |              | Concrete pavers .....                  | 2.630         | 2.955        |
| Heavy equipment:                              |               |              | Light equipment:                       |               |              |
| Cranes (all types), power                     |               |              | One-drum hoists, compressors,          |               |              |
| shovels, derricks .....                       | 3.080         | 3.080        | pumps .....                            | 2.460         | 2.785        |
| Medium equipment:                             |               |              | Heavy construction:                    |               |              |
| Power graders, trench                         |               |              | Heavy equipment:                       |               |              |
| machines .....                                | 2.800         | 2.800        | Shovels .....                          | 2.510         | 2.955        |
| Rollers (asphalt) .....                       | 2.670         | 2.670        | Euclid loaders .....                   | 2.630         | 2.955        |
| Light equipment:                              |               |              | Pull type .....                        | 2.360         | 2.785        |
| Bulldozers .....                              | 2.800         | 2.800        | Medium equipment:                      |               |              |
| Pumps, over 4 inch .....                      | 2.670         | 2.670        | Tractors .....                         | 2.460         | 2.785        |
| Compressors .....                             | 2.670         | 2.670        | Light equipment:                       |               |              |
| Heavy construction:                           |               |              | Compressors, pumps, core               |               |              |
| Heavy equipment:                              |               |              | or diamond drills .....                | 2.460         | 2.785        |
| Cranes (all types), power                     |               |              | Glaziers .....                         | 2.450         | 2.500        |
| shovels, derricks .....                       | 3.080         | 3.080        | Lathers .....                          | 3.300         | 3.300        |
| Medium equipment:                             |               |              | Machinists .....                       | 2.775         | 2.775        |
| Power graders, trench                         |               |              | Marble setters .....                   | 3.125         | 3.200        |
| machines .....                                | 2.800         | 2.800        | Mosaic and terrazzo workers .....      | 3.125         | 3.200        |
| Rollers (asphalt) .....                       | 2.670         | 2.670        | Painters .....                         | 2.540         | 2.600        |
| Light equipment:                              |               |              | Spray .....                            | 2.640         | 2.925        |
| Bulldozers .....                              | 2.800         | 2.800        | Paperhangers .....                     | 2.540         | 2.600        |
| Pumps, over 4 inch .....                      | 2.670         | 2.670        | Plasterers .....                       | 3.300         | 3.300        |
| Compressors .....                             | 2.670         | 2.670        | Plumbers .....                         | 2.970         | 3.050        |
| Glaziers .....                                | 2.550         | 2.750        | Rodmen .....                           | 2.750         | 2.750        |
| Lathers .....                                 | 3.000         | 3.000        | Roofers, composition .....             | 2.750         | 2.850        |
| Marble setters .....                          | 3.050         | 3.150        | Roofers, slate and tile .....          | 2.750         | 2.850        |
| Mosaic and terrazzo workers .....             | 3.050         | 3.150        | Sheet-metal workers .....              | 2.775         | 2.775        |
| Painters .....                                | 2.670         | 2.670        | Sign painters .....                    | 2.770         | 2.825        |
| Swing and scaffold .....                      | 2.780         | 2.780        | Steamfitters .....                     | 2.970         | 3.050        |
| Spray .....                                   | 3.080         | 3.080        | Stone cutters .....                    | 2.500         | 2.500        |
| Structural steel, iron and bridge .....       | 2.940         | 2.940        | Stonemasons .....                      | 3.500         | 3.500        |
| Paperhangers .....                            | 2.940         | 2.940        | Structural-iron workers .....          | 2.750         | 2.750        |
| Plasterers .....                              | 2.970         | 2.970        | Tile layers .....                      | 3.125         | 3.200        |
| Plumbers .....                                | 3.050         | 3.160        |  |               |              |
| Rodmen and reinforcers .....                  | 2.730         | 2.830        | <u>Helpers and laborers</u>            |               |              |
| Roofers, composition .....                    | 2.580         | 2.580        | Bricklayers' tenders .....             | 2.200         | 2.275        |
| Roofers, slate and tile .....                 | 2.800         | 2.800        | Building laborers .....                | 1.800         | 1.875        |
| Sheet-metal workers .....                     | 2.800         | 2.800        | Elevator constructors' helpers .....   | 2.095         | 2.160        |
| Sign painters .....                           | 2.680         | 2.750        | Marble setters' helpers .....          | 2.050         | 2.150        |
| Pictorial painters .....                      | 2.920         | 3.000        | Plasterers' laborers .....             | 2.200         | 2.275        |
| Steamfitters .....                            | 3.050         | 3.160        | Plumbers' laborers:                    |               |              |
| Stonemasons .....                             | 3.320         | 3.320        | Drain layers .....                     | 2.100         | 2.150        |
| Structural-iron workers .....                 | 2.900         | 3.000        | Pipelayers, over 6 inches .....        | 2.350         | 2.400        |
| Tile layers .....                             | 3.050         | 3.150        | Terrazzo workers' helpers .....        | 2.050         | 2.150        |
|   |               |              | Tile layers' helpers .....             | 2.050         | 2.150        |



TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                                | Rate per hour |              | Trade or occupation                                | Rate per hour |              |
|--|---------------|--------------|--|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| <b>ERIE, PA. - Continued</b>                       |               |              | <b>GRAND RAPIDS, MICH. - Continued</b>             |               |              |
| <u>Journeyman - Continued</u>                      |               |              | <u>Journeyman - Continued</u>                      |               |              |
| Engineers - Power equipment operators: - Continued |               |              | Engineers - Power equipment operators: - Continued |               |              |
| Building construction: - Continued                 |               |              | Heavy construction:                                |               |              |
| Medium equipment:                                  |               |              | Heavy equipment:                                   |               |              |
| Bulldozers .....                                   | \$2.670       | \$2.670      | Cranes (on steel) .....                            | \$3.060       | \$3.160      |
| Compressors, hoists .....                          | 2.420         | 2.420        | Shovel combinations .....                          | 2.650         | 2.950        |
| Light equipment:                                   |               |              | Piledrivers .....                                  | 2.650         | 2.950        |
| Rollers, pumps, welders .....                      | 2.420         | 2.420        | Medium equipment:                                  |               |              |
| Heavy construction:                                |               |              | Bulldozers .....                                   | 2.550         | 2.850        |
| Heavy equipment:                                   |               |              | Trench machines .....                              | 2.550         | 2.850        |
| Shovels, cranes, ditchers .....                    | 3.150         | 3.150        | Light equipment:                                   |               |              |
| Medium equipment:                                  |               |              | Hoists .....                                       | 2.550         | 2.850        |
| Graders, bulldozers .....                          | 2.750         | 2.750        | Compressors (on steel) .....                       | 3.060         | 3.160        |
| Scoops (carryall) .....                            | 2.850         | 2.850        | Compressors (not on steel) .....                   | 2.275         | 2.575        |
| Light equipment:                                   |               |              | Pumps .....  | 2.550         | 2.850        |
| Compressors, pumps .....                           | 2.600         | 2.600        | Glaziers .....                                     | 2.275         | 2.450        |
| Rollers .....                                      | 2.750         | 2.750        | Lathers .....                                      | 2.800         | 3.000        |
| Glaziers .....                                     | 2.200         | 2.350        | Marble setters .....                               | 2.750         | 2.750        |
| Lathers .....                                      | 2.920         | 3.300        | Mosaic and terrazzo workers .....                  | 2.750         | 2.750        |
| Marble setters .....                               | 2.735         | 3.000        | Painters .....                                     | 2.250         | 2.400        |
| Mosaic and terrazzo workers .....                  | 2.735         | 3.000        | Spray and swing stage .....                        | 2.500         | 2.650        |
| Painters .....                                     | 2.300         | 2.450        | Paperhangers .....                                 | 2.500         | 2.650        |
| Swing .....  | 2.410         | 2.560        | Plasterers .....                                   | 3.000         | 3.000        |
| Spray .....  | 2.685         | 2.835        | Plumbers .....                                     | 3.000         | 3.125        |
| Structural iron .....                              | 2.520         | 2.670        | Rodmen .....                                       | 2.810         | 2.920        |
| Paperhangers .....                                 | 2.300         | 2.450        | Roofers, composition .....                         | 2.250         | 2.400        |
| Plasterers .....                                   | 2.625         | 3.000        | Roofers, slate and tile .....                      | 2.500         | 2.650        |
| Plumbers .....                                     | 2.775         | 2.900        | Sheet-metal workers .....                          | 2.600         | 2.750        |
| Rodmen .....                                       | 3.150         | 3.150        | Sign painters .....                                | 2.500         | 2.600        |
| Roofers .....                                      | 2.250         | 2.350        | Steamfitters .....                                 | 3.000         | 3.125        |
| Sheet-metal workers .....                          | 2.350         | 2.670        | Stonemason .....                                   | 3.150         | 3.250        |
| Steamfitters .....                                 | 2.775         | 2.900        | Structural-iron workers .....                      | 3.060         | 3.160        |
| Stonemasons .....                                  | 2.900         | 3.350        | Machine removers and riggers .....                 | 2.850         | 2.950        |
| Structural-iron workers .....                      | 3.150         | 3.150        | Tile layers .....                                  | 2.750         | 2.750        |
| Tile layers .....                                  | 2.735         | 3.000        |  |               |              |
| <u>Helpers and laborers</u>                        |               |              | <u>Helpers and laborers</u>                        |               |              |
| Bricklayers' tenders:                              |               |              | Bricklayers' tenders .....                         | 1.825         | 1.925        |
| Using hod .....                                    | 1.975         | 2.300        | Mortar mixer .....                                 | 1.925         | 1.925        |
| Using wheelbarrow .....                            | 1.875         | 2.200        | Building laborers .....                            | 1.825         | 1.925        |
| Building laborers .....                            | 1.775         | 2.100        | Elevator constructors' helpers .....               | 1.970         | 2.140        |
| Elevator constructors' helpers .....               | 1.910         | 2.050        | Marble setters' helpers .....                      | 2.250         | 2.250        |
| Marble setters' helpers .....                      | 2.075         | 2.075        | Plasterers' helpers .....                          | 1.950         | 2.050        |
| Plasterers' laborers .....                         | 1.975         | 2.300        | Terrazzo workers' helpers .....                    | 2.250         | 2.250        |
| Plumbers' laborers .....                           | 1.875         | 2.200        | Base-machine operators .....                       | 2.500         | 2.500        |
| Terrazzo workers' helpers .....                    | 2.075         | 2.075        | Tile layers' helpers .....                         | 2.250         | 2.250        |
| Grinders and polishers .....                       | 2.175         | 2.175        |  |               |              |
| Tile layers' helpers .....                         | 2.075         | 2.075        | <b>HOUSTON, TEX.</b>                               |               |              |
| <b>GRAND RAPIDS, MICH.</b>                         |               |              | <u>Journeyman</u>                                  |               |              |
| <u>Journeyman</u>                                  |               |              | Asbestos workers .....                             | 2.900         | 3.063        |
| Asbestos workers .....                             | 2.900         | 3.000        | Boilermakers .....                                 | 2.750         | 2.900        |
| Bricklayers .....                                  | 3.150         | 3.250        | Bricklayers .....                                  | 3.175         | 3.425        |
| Carpenters .....                                   | 2.500         | 2.675        | Carpenters .....                                   | 2.488         | 2.738        |
| Millwrights .....                                  | 2.900         | 3.000        | Piledrivers, and wharf and bridge .....            | 2.488         | 2.750        |
| Cement finishers .....                             | 2.550         | 2.675        | Floor layers (parquetry) .....                     | 2.488         | 2.500        |
| Electricians (inside wiremen) .....                | 2.925         | 3.000        | Millwrights .....                                  | 2.625         | 2.900        |
| Elevator constructors .....                        | 2.815         | 3.040        | Cement finishers .....                             | 2.488         | 2.750        |
| Engineers - Power equipment operators:             |               |              | Electricians (inside wiremen) .....                | 3.000         | 3.125        |
| Building construction:                             |               |              | Elevator constructors .....                        | 2.945         | 3.100        |
| Heavy equipment:                                   |               |              | Engineers - Power equipment operators:             |               |              |
| Cranes (on steel) .....                            | 3.060         | 3.160        | Air compressors .....                              | 2.213         | 2.550        |
| Shovel combinations .....                          | 2.650         | 2.950        | Bulldozers .....                                   | 2.625         | 3.000        |
| Piledrivers .....                                  | 2.650         | 2.950        | Cranes, derricks, draglines .....                  | 2.625         | 3.000        |
| Medium equipment:                                  |               |              | Graders, blade and elevating:                      |               |              |
| Bulldozers .....                                   | 2.550         | 2.850        | Towed .....  | 2.213         | 2.550        |
| Derricks (on steel) .....                          | 3.060         | 3.160        | Self-propelled .....                               | 2.625         | 3.000        |
| Derricks (not on steel) .....                      | 2.650         | 2.950        | Hoists:  |               |              |
| Light equipment:                                   |               |              | 1 drum .....                                       | 2.213         | 2.550        |
| Compressors (on steel) .....                       | 3.060         | 3.160        | 2 drums or more .....                              | 2.625         | 3.000        |
| Compressors (not on steel) .....                   | 2.275         | 2.575        | Locomotives .....                                  | 2.625         | 3.000        |
| Hoists (on steel) .....                            | 3.060         | 3.160        | Mixers:  |               |              |
| Hoists (not on steel) .....                        | 2.550         | 2.850        | Less than 14 cubic feet .....                      | 2.213         | 2.550        |
|  |               |              | 14 cubic feet or over .....                        | 2.625         | 3.000        |
|  |               |              | Pumps .....  | 2.213         | 2.550        |



TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                                    | Rate per hour    |              | Trade or occupation                                | Rate per hour |              |
|--|------------------|--------------|--|---------------|--------------|
|  | July 1, 1953     | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| <b>HOUSTON, TEX. - Continued</b>                       |                  |              | <b>INDIANAPOLIS, IND. - Continued</b>              |               |              |
| <u>Journeyman - Continued</u>                          |                  |              | <u>Journeyman - Continued</u>                      |               |              |
| Engineers - Power equipment operators: - Continued     |                  |              | Glaziers .....                                     | \$ 2.700      | \$ 2.835     |
| Scrapers:  |                  |              | Lathers .....                                      | 2.875         | 2.975        |
| 3 cubic yards or less .....                            | \$ 2.213         | \$ 2.550     | Marble setters .....                               | 3.000         | 3.000        |
| Over 3 cubic yards .....                               | 2.625            | 3.000        | Mosaic and terrazzo workers .....                  | 3.000         | 3.000        |
| Tractors .....   | 2.625            | 3.000        | Painters .....                                     | 2.600         | 2.700        |
| Trench machines, all sizes .....                       | 2.625            | 3.000        | Spray .....  | 2.850         | 3.000        |
| Lathers .....  | 3.175            | 3.250        | Paperhangers .....                                 | 2.600         | 2.700        |
| Machinists .....                                       | 2.750            | 3.000        | Plasterers .....                                   | 3.000         | 3.100        |
| Marble setters .....                                   | 2.763            | 2.900        | Plumbers .....                                     | 3.000         | 3.100        |
| Mosaic and terrazzo workers .....                      | 2.763            | 2.900        | Rodmen .....                                       | 2.950         | 3.050        |
| Painters .....   | 2.350            | 2.625        | Roofers, composition .....                         | 2.300         | 2.360        |
| Steel spray on stage .....                             | 2.850            | 3.125        | Roofers, slate and tile .....                      | 2.550         | 2.610        |
| Steel brush swing stage .....                          | 2.600            | 2.750        | Sheet-metal workers .....                          | 2.870         | 2.955        |
| Steel spray .....                                      | 2.725            | 3.000        | Sign painters .....                                | 2.400         | 2.400        |
| Paperhangers .....                                     | 2.350            | 2.625        | Steamfitters .....                                 | 3.000         | 3.100        |
| Pipefitters .....                                      | 2.750            | 3.100        | Stonemasons .....                                  | 2.205         | 2.265        |
| Plasterers .....                                       | 3.175            | 3.250        | Carvers .....                                      | 2.375         | 2.435        |
| Plumbers .....   | 2.750            | 3.000        | Planer men .....                                   | 1.955         | 2.015        |
| Rodmen .....   | 2.488            | 2.750        | Stonemasons .....                                  | 3.250         | 3.250        |
| Roofers, composition .....                             | 2.350            | 2.500        | Structural-iron workers .....                      | 2.950         | 3.050        |
| Roofers, slate and tile .....                          | 2.775            | 3.000        | Tile layers .....                                  | 3.000         | 3.000        |
| Sheet-metal workers .....                              | 2.875            | 3.000        |  |               |              |
| Sign painters .....                                    | 3.000            | 3.125        | <u>Helpers and laborers</u>                        |               |              |
| Stonemasons .....                                      | 3.175            | 3.425        | Bricklayers' tenders .....                         | 2.120         | 2.220        |
| Structural-iron workers .....                          | 2.625            | 3.000        | Building laborers .....                            | 1.900         | 2.050        |
| Sheeters and buckers-up .....                          | ( <sup>3</sup> ) | 3.150        | Concrete breakers .....                            | 2.050         | 2.150        |
| Tile layers .....                                      | 2.763            | 2.900        | Composition roofers' helpers .....                 | 1.820         | 1.910        |
|  |                  |              | Elevator constructors' helpers .....               | 2.130         | 2.130        |
|  |                  |              | Plasterers' laborers .....                         | 2.120         | 2.220        |
|  |                  |              | Plumbers' laborers .....                           | 1.900         | 2.050        |
|  |                  |              | Sewer pipe laborers .....                          | 2.050         | 2.200        |
| <u>Helpers and laborers</u>                            |                  |              |  |               |              |
| Bricklayers' tenders .....                             | 1.690            | 1.750        | <b>JACKSONVILLE, FLA.</b>                          |               |              |
| Building laborers .....                                | 1.500            | 1.550        | <u>Journeyman</u>                                  |               |              |
| Elevator constructors' helpers .....                   | 2.060            | 2.170        | Asbestos workers .....                             | 2.750         | 2.825        |
| Marble setters' helpers .....                          | 1.663            | 1.750        | Boilermakers .....                                 | 2.750         | 2.900        |
| Mosaic and terrazzo workers' helpers .....             | 1.663            | 1.750        | Bricklayers .....                                  | 2.860         | 3.000        |
| Plasterers' laborers .....                             | 1.800            | 1.850        | Carpenters, piledrivers and wharf and bridge ..... | 2.200         | 2.500        |
| Tile layers' helpers .....                             | 1.663            | 1.750        | Millwrights .....                                  | 2.470         | 2.775        |
|  |                  |              | Piledrivers working on creosote piling .....       | 2.470         | 2.750        |
| <b>INDIANAPOLIS, IND.</b>                              |                  |              | Cement finishers .....                             | 2.025         | 2.125        |
| <u>Journeyman</u>                                      |                  |              | Electricians (inside wiremen) .....                | 2.750         | 3.000        |
| Asbestos workers .....                                 | 2.900            | 3.100        | Elevator constructors .....                        | 2.710         | 2.890        |
| Boilermakers .....                                     | 3.100            | 3.150        | Engineers - Power equipment operators:             |               |              |
| Bricklayers .....                                      | 3.250            | 3.250        | Air compressors .....                              | 1.640         | 1.790        |
| Carpenters .....                                       | 2.680            | 3.000        | Bulldozers .....                                   | 1.890         | 2.040        |
| Cement finishers .....                                 | 2.525            | 2.700        | Cranes (erecting steel) .....                      | 2.610         | 2.760        |
| Electricians (inside wiremen) .....                    | 3.000            | 3.100        | Draglines and piledrivers .....                    | 2.300         | 2.450        |
| Elevator constructors .....                            | 3.040            | 3.040        | Finishing machines, scrapers .....                 | 1.890         | 2.040        |
| Engineers - Power equipment operators:                 |                  |              | Graders .....                                      | 2.050         | 2.200        |
| Building construction:                                 |                  |              | Hoists, mixers (over 10 sacks) .....               | 2.300         | 2.450        |
| Heavy equipment:                                       |                  |              | Mixers (under 10 sacks) .....                      | 1.890         | 2.040        |
| Cranes .....   | 2.930            | 3.030        | Pumps .....  | 1.640         | 1.790        |
| Derricks - bull wheels .....                           | 3.180            | 3.280        | Rollers .....                                      | 1.890         | 1.950        |
| Hoists .....   | 2.830            | 2.930        | Shovels .....                                      | 2.300         | 2.450        |
| Medium equipment:                                      |                  |              | Tractors .....                                     | 1.890         | 2.050        |
| Concrete mixers (21 cubic feet) .....                  | 2.780            | 2.880        | Trench machines .....                              | 2.300         | 2.450        |
| Concrete pumps, tractor shovels .....                  | 2.830            | 2.930        | Glaziers .....                                     | 2.050         | 2.200        |
| Light equipment:                                       |                  |              | Lathers .....                                      | 2.625         | 2.700        |
| Air compressors, pumps - water, welding machines ..... | 2.180            | 2.280        | Marble setters .....                               | 2.500         | 2.625        |
| Heavy construction:                                    |                  |              | Mosaic and terrazzo workers .....                  | 2.500         | 2.625        |
| Heavy equipment:                                       |                  |              | Painters .....                                     | 2.100         | 2.200        |
| Auto patrols, scoops .....                             | 2.830            | 2.930        | Structural steel erected .....                     | 2.240         | 2.340        |
| Cranes .....   | 2.930            | 3.030        | Spray .....  | 2.510         | 2.610        |
| Medium equipment:                                      |                  |              | Swing stage .....                                  | 2.375         | 2.475        |
| Bulldozers, rollers (asphalt) trench machines .....    | 2.830            | 2.930        | Paperhangers .....                                 | 2.350         | 2.450        |
| Light equipment:                                       |                  |              | Plasterers .....                                   | 2.625         | 2.700        |
| Compressors, pumps .....                               | 2.180            | 2.280        | Plumbers .....                                     | 2.900         | 3.000        |
| Tractors .....   | 2.480            | 2.580        | Rodmen .....                                       | 2.330         | 2.480        |
|  |                  |              | Roofers, composition .....                         | 1.980         | 2.150        |
|  |                  |              | Roofers, slate and tile .....                      | 1.980         | 2.150        |
|  |                  |              | Sheet-metal workers .....                          | 2.150         | 2.150        |
|  |                  |              | Sign painters .....                                | 2.350         | 2.350        |

See footnote at end of table .

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation   | Rate per hour |              | Trade or occupation   | Rate per hour |              |
|---|---------------|--------------|---|---------------|--------------|
|   | July 1, 1953  | July 1, 1954 |   | July 1, 1953  | July 1, 1954 |
| JACKSONVILLE, FLA. - Continued                                  |               |              | KANSAS CITY, MO. - Continued                                  |               |              |
| <u>Journeyman - Continued</u>                                   |               |              | <u>Helpers and Laborers - Continued</u>                       |               |              |
| Steamfitters .....  | \$ 2.900      | \$ 3.000     | Plasterers' laborers .....                                    | \$ 2.075      | \$ 2.225     |
| Stonemasons .....   | 2.860         | 3.000        | Plumbers' laborers .....                                      | 1.935         | 2.085        |
| Structural- and ornamental-iron<br>workers .....                | 2.610         | 2.760        | Terrazzo workers' helpers .....                               | 1.965         | 2.115        |
| Tile layers .....   | 2.500         | 2.625        | Base machine operators .....                                  | 2.325         | 2.475        |
| <u>Helpers and laborers</u>                                     |               |              | KNOXVILLE, TENN.  |               |              |
| Elevator constructors' helpers .....                            | 1.895         | 2.020        | <u>Journeyman</u>   |               |              |
| KANSAS CITY, MO.  |               |              | Boilermakers .....  |               |              |
| <u>Journeyman</u>   |               |              | Bricklayers .....   |               |              |
| Asbestos workers .....  | 2.760         | 2.900        | Carpenters .....  |               |              |
| Boilermakers .....  | 2.900         | 2.900        | Millwrights .....   |               |              |
| Bricklayers .....   | 3.500         | 3.625        | Cement finishers .....  |               |              |
| Carpenters, millwrights, wharf<br>and bridge, piledrivers ..... | 2.675         | 2.750        | Electricians (inside wiremen) .....                           |               |              |
| Cement finishers .....  | 2.640         | 2.735        | Elevator constructors .....                                   |               |              |
| Composition .....   | 2.765         | 2.860        | Engineers - Power equipment operators:                        |               |              |
| Electricians (inside wiremen) .....                             | 2.800         | 2.900        | Air compressors:  |               |              |
| Engineers - Power equipment operators:                          |               |              | 1 portable .....  |               |              |
| Building construction:  |               |              | 2 or 3 portable .....   |               |              |
| Heavy equipment:  |               |              | Bulldozers .....  |               |              |
| Cranes .....  | 2.885         | 2.970        | Cranes, derricks, and draglines .....                         |               |              |
| Hoists (2 drums or more) .....                                  | 2.885         | 2.970        | Graders .....   |               |              |
| Shovels, power .....  | 2.885         | 2.970        | Hoists:   |               |              |
| Medium equipment:   |               |              | 1 drum .....  |               |              |
| Concrete mixers .....   | 2.640         | 2.725        | 2 drums .....   |               |              |
| Hoists (single drum) .....                                      | 2.640         | 2.725        | Locomotives:  |               |              |
| Shovels, tractors, hi-lift<br>front end .....                   | 2.640         | 2.725        | Under 20 tons .....   |               |              |
| Light equipment:  |               |              | 20 tons and over .....  |               |              |
| Firemen .....   | 2.200         | 2.285        | Mixers (over 2 bags - not to include<br>central plants) ..... |               |              |
| Oilers and greasers .....                                       | 2.090         | 2.175        | Pumps:  |               |              |
| Tractors, less than<br>50 horsepower .....                      | 2.090         | 2.175        | 1 pump .....  |               |              |
| Heavy construction:   |               |              | 2 or 3 pumps .....  |               |              |
| Heavy equipment:  |               |              | Rollers, finishing machines .....                             |               |              |
| Draglines and shovels .....                                     | 2.875         | 2.925        | Scrapers, pans, scoops, or carry-<br>alls (all types) .....   |               |              |
| Dredges, steam, gas,<br>electric, Diesel .....                  | 2.875         | 2.925        | Shovels, piledrivers .....                                    |               |              |
| Piledrivers, land and float .....                               | 2.875         | 2.925        | Tournapulls (machines over<br>20 yards) .....                 |               |              |
| Medium equipment:   |               |              | Tractors .....  |               |              |
| Ditching machines .....   | 2.875         | 2.925        | Trench machines .....   |               |              |
| Patrol blades .....   | 2.675         | 2.725        | Glaziers .....  |               |              |
| Tractors, over 50 horsepower .....                              | 2.675         | 2.725        | Marble setters .....  |               |              |
| Light equipment:  |               |              | Mosaic and terrazzo workers .....                             |               |              |
| Firemen .....   | 2.275         | 2.325        | Painters .....  |               |              |
| Oilers and greasers .....                                       | 2.040         | 2.090        | Spray (on wood) .....   |               |              |
| Tractors, less than<br>50 horsepower .....                      | 2.040         | 2.090        | Structural steel (brush) .....                                |               |              |
| Glaziers .....  | 2.625         | 2.800        | Swing stage .....   |               |              |
| Lathers .....   | 2.845         | 3.000        | Spray (on steel) .....  |               |              |
| Machinists .....  | 2.650         | 2.650        | Plasterers .....  |               |              |
| Marble setters .....  | 2.960         | 3.050        | Plumbers .....  |               |              |
| Mosaic and terrazzo workers .....                               | 3.050         | 3.175        | Roofers, composition .....                                    |               |              |
| Painters .....  | 2.575         | 2.660        | Roofers, slate and tile .....                                 |               |              |
| Paperhangers .....  | 2.575         | 2.660        | Sheet-metal workers .....                                     |               |              |
| Plasterers .....  | 3.250         | 3.250        | Sign painters .....   |               |              |
| Plumbers .....  | 2.900         | 3.000        | Steamfitters .....  |               |              |
| Rodmen, reinforcers .....                                       | 2.665         | 2.750        | Tile layers .....   |               |              |
| Roofers, composition .....                                      | 2.500         | 2.575        | <u>Helpers and laborers</u>                                   |               |              |
| Roofers, slate and tile .....                                   | 2.500         | 2.575        | Building laborers .....                                       |               |              |
| Sheet-metal workers .....                                       | 2.990         | 3.060        | Elevator constructors' helpers .....                          |               |              |
| Sign painters .....   | 2.850         | 2.850        | Plasterers' laborers .....                                    |               |              |
| Steamfitters .....  | 2.900         | 3.000        | Hod carriers .....  |               |              |
| Sprinkler fitters .....   | 2.900         | 3.000        | Mortar mixers .....   |               |              |
| Stonemasons .....   | 3.000         | 3.250        | LITTLE ROCK, ARK.   |               |              |
| Structural-iron workers .....                                   | 2.805         | 2.900        | <u>Journeyman</u>   |               |              |
| Tile layers .....   | 3.050         | 3.175        | Asbestos workers .....  |               |              |
| <u>Helpers and laborers</u>                                     |               |              | Boilermakers .....  |               |              |
| Bricklayers' tenders .....                                      | 2.075         | 2.225        | Bricklayers .....   |               |              |
| Building laborers .....   | 1.880         | 2.030        | Carpenters, floor layers .....                                |               |              |
| Marble setters' helpers .....                                   | 2.035         | 2.085        | Millwrights, piledrivers .....                                |               |              |
|   |               |              | 2.760   |               |              |
|   |               |              | 2.750   |               |              |
|   |               |              | 3.250   |               |              |
|   |               |              | 2.250   |               |              |
|   |               |              | 2.500   |               |              |
|   |               |              | 2.900   |               |              |
|   |               |              | 2.900   |               |              |
|   |               |              | 3.250   |               |              |
|   |               |              | 2.250   |               |              |
|   |               |              | 2.500   |               |              |

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation  | Rate per hour |              | Trade or occupation   | Rate per hour |              |
|--|---------------|--------------|---|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |   | July 1, 1953  | July 1, 1954 |
| <b>LITTLE ROCK, ARK. - Continued</b>   |               |              | <b>LOS ANGELES, CALIF. - Continued</b>  |               |              |
| <u>Journeyman - Continued</u>  |               |              | <u>Journeyman - Continued</u>   |               |              |
| Cement finishers .....   | \$2.200       | \$2.200      | Engineers - Power equipment operators: - Continued                                      |               |              |
| Electricians (inside wiremen) .....  | 2.750         | 2.875        | Building construction: - Continued  |               |              |
| Elevator constructors .....  | 2.730         | 2.840        | Medium equipment:   |               |              |
| Engineers - Power equipment operators:   |               |              | A-Frame boom trucks .....   | \$2.650       | \$2.650      |
| Air compressors:   |               |              | Motor patrols, including any type of power blade .....                                  | 2.790         | 2.790        |
| 1 pump .....   | 1.750         | 1.750        | Light equipment:  |               |              |
| 2 pumps .....  | 2.000         | 2.000        | Air compressors .....   | 2.350         | 2.350        |
| Bulldozers .....   | 2.450         | 2.450        | Concrete mixers (skip type) .....   | 2.500         | 2.500        |
| Cranes and draglines .....   | 2.700         | 2.700        | Heavy construction:   |               |              |
| Derricks .....   | 2.700         | 2.700        | Heavy equipment:  |               |              |
| Graders:   |               |              | Universal equipment (shovels, draglines, derrick-barges, clamshells, or cranes) .....   | 2.880         | 2.880        |
| Blade .....  | 2.200         | 2.200        | Tractors (bulldozers, tampers, scrapers, drag type, shovels, or boom attachments) ..... | 2.650         | 2.650        |
| Elevating .....  | 2.450         | 2.450        | Medium equipment:   |               |              |
| Hoists:  |               |              | Motor patrols, including any type of power blade .....                                  | 2.790         | 2.790        |
| 1 drum .....   | 2.200         | 2.200        | Concrete mixers and mobile mixers .....   | 2.750         | 2.750        |
| 2 or more drums .....  | 2.450         | 2.450        | Light equipment:  |               |              |
| Locomotives .....  | 2.450         | 2.450        | Air compressors .....   | 2.350         | 2.350        |
| Mixers:  |               |              | Skip loaders (wheel type) .....   | 2.500         | 2.500        |
| Less than 105 .....  | 2.200         | 2.200        | Glaziers .....  | 2.500         | 2.500        |
| 105 or larger .....  | 2.450         | 2.450        | Granite cutters .....   | 2.250         | 2.250        |
| Pumps, 2 to 4 inches .....   | 1.750         | 1.750        | Lathers .....   | 3.375         | 3.375        |
| Rollers .....  | 2.200         | 2.200        | Machinists .....  | 2.730         | 2.900        |
| Shovels .....  | 2.700         | 2.700        | Marble setters .....  | 2.750         | 2.875        |
| Trench machines .....  | 2.450         | 2.450        | Mosaic and terrazzo workers .....   | 2.970         | 3.070        |
| Glaziers .....   | 2.125         | 2.125        | Painters  |               |              |
| Marble setters .....   | 2.750         | 2.750        | Spray .....   | * 2.660       | * 2.730      |
| Mosaic and terrazzo workers .....  | 2.750         | 2.750        | Swing stage brush .....   | * 2.910       | * 2.980      |
| Painters .....   | 2.125         | 2.125        | Swing stage, spray .....  | * 2.780       | * 2.850      |
| Spray .....  | 2.950         | 2.950        | Paperhangers .....  | * 3.030       | * 3.100      |
| Structural steel .....   | 2.400         | 2.400        | Plasterers .....  | * 2.780       | * 2.850      |
| Swing stage .....  | 2.400         | 2.400        | Plumbers .....  | 3.438         | 3.438        |
| Paperhangers .....   | 2.250         | 2.250        | Rodmen .....  | 2.900         | 3.250        |
| Plasterers .....   | 2.750         | 2.940        | Roofers .....   | 2.740         | 2.740        |
| Plumbers .....   | 2.880         | * 2.880      | Sheet-metal workers .....   | 2.750         | 2.750        |
| Rodmen .....   | * 2.310       | * 2.310      | Sign painters:  | 2.700         | 3.000        |
| Sheet-metal workers .....  | 2.500         | 2.500        | Advertising .....   | * 2.720       | * 2.820      |
| Steamfitters .....   | 2.880         | * 2.880      | Commercial .....  | * 2.830       | * 2.930      |
| Stonemasons .....  | 3.250         | 3.250        | Steamfitters .....  | 2.900         | 3.250        |
| Structural- and ornamental-iron workers .....  | 2.590         | * 2.590      | Refrigeration fitters .....   | 2.750         | 3.000        |
| Tile layers .....  | 2.750         | 2.750        | Sprinkler fitters .....   | 3.050         | 3.125        |
| <u>Helpers and laborers</u>  |               |              | Stonemasons .....   | 3.175         | * 3.175      |
| Bricklayers' tenders .....   | 1.350         | * 1.350      | Structural-iron workers .....   | 2.850         | 3.000        |
| Hod carriers .....   | 1.350         | * 1.350      | Finishers .....   | 2.850         | 3.000        |
| Mortar mixers .....  | 1.350         | * 1.350      | Tile layers .....   | 2.940         | 3.000        |
| Building laborers .....  | 1.100         | * 1.100      | <u>Helpers and laborers</u>   |               |              |
| Elevator constructors' helpers .....   | 1.910         | 1.990        | Bricklayers' tenders .....  | 2.300         | 2.300        |
| Plasterers' laborers .....   | 1.350         | * 1.350      | Building laborers .....   | 2.050         | 2.075        |
| Plumbers' laborers .....   | 1.100         | * 1.100      | Elevator constructors' helpers .....  | 2.150         | 2.220        |
| <b>LOS ANGELES, CALIF.</b>   |               |              | Marble setters' helpers .....   | 2.025         | 2.025        |
| <u>Journeyman</u>  |               |              | Plasterers' laborers .....  | 3.113         | 3.188        |
| Asbestos workers .....   | 3.000         | 3.150        | Roofers' helpers .....  | 2.000         | 2.000        |
| Home insulators .....  | 2.700         | * 2.700      | Terrazzo workers' helpers .....   | 2.335         | 2.450        |
| Boilermakers .....   | 2.900         | 3.050        | Base-machine operators .....  | 2.600         | 2.715        |
| Bricklayers .....  | 3.175         | * 3.175      | Tile layers' helpers .....  | 2.205         | 2.205        |
| Carpenters .....   | 2.700         | 2.775        | <b>LOUISVILLE, KY.</b>  |               |              |
| Millwrights, parquetry floor layers .....  | 2.900         | 2.975        | <u>Journeyman</u>   |               |              |
| Wharf and bridge, shinglers .....  | 2.830         | 2.905        | Asbestos workers .....  | 2.750         | 2.975        |
| Cement finishers .....   | 2.700         | 2.700        | Boilermakers .....  | 2.750         | 2.950        |
| Composition and mastic .....   | 2.820         | 2.820        | Bricklayers .....   | 3.170         | 3.270        |
| Electricians (inside wiremen) .....  | 3.100         | 3.200        | Carpenters:   |               |              |
| Elevator constructors .....  | 3.070         | 3.170        | Millwrights .....   | 2.550         | 2.920        |
| Engineers - Power equipment operators:   |               |              | Parquetry floor layers, wharf and bridge, and piledrivers .....                         | 2.550         | 2.770        |
| Building construction:   |               |              | Cement finishers .....  | 2.550         | 2.700        |
| Heavy equipment:   |               |              | On scaffold .....   | 2.750         | 2.900        |
| Universal equipment (shovels, draglines, derricks, derrick-barges, clamshells or cranes) ..... | 2.880         | 2.880        |   |               |              |
| Piledrivers .....  | 2.880         | 2.880        |   |               |              |
| Tractors (bulldozers, tampers, scrapers or drag-type shovels or boom attachments) .....        | 2.650         | 2.650        |   |               |              |

See footnotes at end of table.

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                                       | Rate per hour |              | Trade or occupation   | Rate per hour |              |
|---|---------------|--------------|---|---------------|--------------|
|   | July 1, 1953  | July 1, 1954 |   | July 1, 1953  | July 1, 1954 |
| <b>LOUISVILLE, KY. - Continued</b>                        |               |              | <b>MEMPHIS, TENN. - Continued</b>                                   |               |              |
| <u>Journeyman - Continued</u>                             |               |              | <u>Journeyman - Continued</u>                                       |               |              |
| Electricians (inside wiremen) and fixture hangers         | \$2.850       | \$3.050      | Engineers - Power equipment operators:                              |               |              |
| Elevator constructors                                     | 2.860         | 2.980        | Air compressors:  |               |              |
| Engineers - Power equipment operators:                    |               |              | Portable  | \$1.775       | \$1.775      |
| Building construction:                                    |               |              | Stationary  | 2.025         | 2.025        |
| Heavy equipment:  |               |              | Bulldozers  | 2.275         | 2.275        |
| Cranes  | 2.900         | 3.000        | Cranes, derricks, draglines (with boom), piledrivers, rig operators | 2.525         | 2.525        |
| Hoists  | 2.900         | 3.000        | Derricks (no boom)  | 2.150         | 2.150        |
| Shovels   | 2.900         | 3.000        | Graders (motor)   | 2.275         | 2.275        |
| Medium equipment:   |               |              | Hoists:   |               |              |
| Bulldozers  | 2.900         | 3.000        | 1 drum  | 2.025         | 2.025        |
| Compressors   | 2.400         | 2.500        | 2 or more drums   | 2.275         | 2.275        |
| Mixers  | 2.400         | 2.500        | Locomotives   | 2.275         | 2.275        |
| Light equipment:  |               |              | Mixers:   |               |              |
| Firemen   | 2.400         | 2.500        | 11S or smaller  | 1.775         | 1.775        |
| Oilers, pumps   | 2.050         | 2.150        | Larger than 11S   | 2.275         | 2.275        |
| Heavy construction:                                       |               |              | Mobilizers  |               |              |
| Heavy equipment:  |               |              | Pumps:  |               |              |
| Bulldozers, cranes, scoops                                | 2.900         | 3.000        | Under 4-inch discharge  | 1.525         | 1.525        |
| Medium equipment:   |               |              | 4-inch discharge and larger, on excavation                          | 1.775         | 1.775        |
| Compressors   | 2.400         | 2.500        | Rollers, sheepfoot  | 2.150         | 2.150        |
| Derricks, tractors  | 2.900         | 3.000        | Scrapers  | 2.275         | 2.275        |
| Light equipment:  |               |              | Shovels   | 2.525         | 2.525        |
| Firemen   | 2.400         | 2.500        | Tournapulls   | 2.275         | 2.275        |
| Oilers, pumps   | 2.050         | 2.150        | Tractor trucks (Lynn and Euclid)                                    | 1.775         | 1.775        |
| Glaziers  | 2.360         | 2.500        | Tractors:   |               |              |
| Lathers   | 2.750         | 2.875        | 40 horsepower or less   | 1.900         | 1.900        |
| Machinists  | 2.850         | 3.050        | Over 40 horsepower  | 2.025         | 2.025        |
| Marble setters  | 2.625         | 2.820        | Trench machines:  |               |              |
| Mosaic and terrazzo workers                               | 2.625         | 2.820        | Under 18 inches   | 2.275         | 2.275        |
| Painters  | 2.500         | 2.650        | Over 18 inches  | 2.525         | 2.525        |
| Spray   | 3.750         | 4.000        | Glaziers  | 2.200         | 2.200        |
| Stage   | 2.625         | 2.775        | Lathers:  |               |              |
| Paperhangers  | 1.925         | 1.925        | Metal and wire  | 3.000         | 3.000        |
| Plasterers  | 3.000         | 3.000        | Wood and rock   | 2.500         | 2.500        |
| Plumbers  | 2.775         | 3.000        | Marble setters  | 2.625         | 2.750        |
| Rodmen  | 2.400         | 2.650        | Mosaic and terrazzo workers   | 2.625         | 2.750        |
| Roofers, composition                                      | 2.075         | 2.200        | Painters:   |               |              |
| Roofers, slate and tile                                   | 2.550         | 2.750        | Residential   | 2.313         | 2.313        |
| Sheet-metal workers                                       | 2.600         | 2.750        | Commercial  | 2.313         | 2.313        |
| Sign painters   | 2.550         | 2.650        | Spray, structural steel, and swinging stage                         | 2.438         | 2.438        |
| Steamfitters  | 2.775         | 3.000        | Paperhangers  | 2.313         | 2.313        |
| Stonecutters  | 2.155         | 2.250        | Plasterers  | 3.000         | 3.000        |
| Planer men  | 1.905         | 2.000        | Plumbers  | 2.925         | 3.000        |
| Stonemasons   | 2.285         | 2.420        | Rodmen  | 2.375         | 2.450        |
| Stonemasons   | 3.170         | 3.270        | Roofers, composition  | 1.975         | 1.975        |
| Structural-iron workers, ornamental finishers and riggers | 2.600         | 2.850        | Roofers, slate and tile   | 2.150         | 2.375        |
| Tile layers   | 2.625         | 2.820        | Sheet-metal workers   | 2.625         | 2.750        |
| <u>Helpers and laborers</u>                               |               |              | Sign painters   | 2.588         | 2.588        |
| Bricklayers' tenders                                      | 2.080         | 2.125        | Steamfitters  | 2.925         | 3.000        |
| Building laborers   | 1.700         | 1.800        | Stonemasons   | 3.300         | 3.300        |
| Elevator constructors' helpers                            | 2.000         | 2.090        | Structural- and ornamental-iron workers                             | 2.525         | 2.600        |
| Marble setters' helpers                                   | 1.650         | 1.650        | Tile layers   | 2.625         | 2.750        |
| Plasterers' laborers                                      | 2.080         | 2.125        | <u>Helpers and laborers</u>   |               |              |
| Plumbers' laborers  | 1.700         | 1.800        | Bricklayers' tenders  | 1.600         | 1.600        |
| Terrazzo workers' helpers                                 | 1.650         | 1.650        | Building laborers   | 1.250         | 1.250        |
| Base grinders   | 1.900         | 1.900        | Elevator constructors' helpers                                      | 2.030         | 2.070        |
| Flat grinders   | 1.750         | 1.750        | Plasterers' tenders   | 1.600         | 1.600        |
| Tile layers' helpers                                      | 1.650         | 1.650        | Plumbers' laborers  | 1.250         | 1.250        |
| <b>MEMPHIS, TENN.</b>                                     |               |              | <b>MILWAUKEE, WIS.</b>  |               |              |
| <u>Journeyman</u>   |               |              | <u>Journeyman</u>   |               |              |
| Asbestos workers  | 2.760         | 2.900        | Asbestos workers  | 2.920         | 3.000        |
| Boilermakers  | 2.750         | 2.900        | Boilermakers  | 2.845         | 3.000        |
| Bricklayers   | 3.300         | 3.300        | Bricklayers   | 3.150         | 3.200        |
| Carpenters  | 2.375         | 2.375        | Carpenters  | 2.890         | 2.940        |
| Cement finishers  | 2.375         | 2.375        | Wharf and bridge  | 2.915         | 2.965        |
| Machine operators   | 2.500         | 2.500        | Millwrights   | 2.890         | 2.940        |
| Electricians (inside wiremen)                             | 2.825         | 2.950        |   |               |              |
| Elevator constructors                                     | 2.905         | 2.960        |   |               |              |

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation  | Rate per hour |              | Trade or occupation   | Rate per hour |              |
|--|---------------|--------------|---|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |   | July 1, 1953  | July 1, 1954 |
| <b>MILWAUKEE, WIS. - Continued</b>                           |               |              | <b>MILWAUKEE, WIS. - Continued</b>                                  |               |              |
| <u>Journeyman - Continued</u>                                |               |              | <u>Helpers and laborers - Continued</u>                             |               |              |
| Cement finishers .....                                       | \$ 2.565      | \$ 2.615     | Plasterers' tenders .....   | \$ 2.380      | \$ 2.430     |
| Machine work .....   | 2.675         | 2.725        | Plumbers' helpers:  |               |              |
| Mastic, marbelette and composition<br>floors and roofs ..... | 2.675         | 2.725        | First man .....   | 2.430         | 2.480        |
| Electricians (inside wiremen) .....                          | 2.780         | 2.940        | Second .....  | 2.320         | 2.370        |
| Elevator constructors .....                                  | 2.850         | 2.850        | Tile layers' helpers .....  | 2.170         | 2.220        |
| Engineers - Power equipment operators:                       |               |              |   |               |              |
| Building construction:                                       |               |              | <b>MINNEAPOLIS - ST. PAUL, MINN.</b>                                |               |              |
| Heavy equipment:   |               |              | (Scales are the same for both cities<br>unless otherwise indicated) |               |              |
| Cranes, shovels, draglines .....                             | 3.005         | 3.055        | <u>Journeyman</u>   |               |              |
| Trench machines .....  | 3.005         | 3.055        | Asbestos workers .....  | 2.800         | 2.800        |
| Derricks .....   | 3.005         | 3.055        | Boilermakers .....  | 2.750         | 2.750        |
| Medium equipment:  |               |              | Bricklayers .....   | 3.125         | 3.225        |
| Tractors or bulldozers under<br>40 horsepower .....          | 2.620         | 2.670        | Carpenters .....  | 2.650         | 2.800        |
| Tractors or bulldozers over<br>40 horsepower .....           | 2.840         | 2.890        | Cement finishers:   |               |              |
| Mixers .....   | 2.620         | 2.670        | Minneapolis .....   | 2.850         | 3.000        |
| Mixers when pavers are used .....                            | 2.840         | 2.890        | Composition floor .....   | 3.100         | 3.250        |
| Highlifts .....  | 2.840         | 2.890        | St. Paul .....  | 2.700         | 2.800        |
| Light equipment:   |               |              | Electricians (inside wiremen) .....                                 | 2.800         | 2.900        |
| Firemen .....  | 2.290         | 2.340        | Elevator constructors .....   | 2.800         | 2.900        |
| Pumps .....  | 2.345         | 2.395        | Engineers - Power equipment operators:                              |               |              |
| Air compressors .....  | 2.400         | 2.450        | Building construction:  |               |              |
| Heavy construction:  |               |              | Heavy equipment:  |               |              |
| Shovels, cranes, draglines .....                             | 3.005         | 3.055        | Cranes, shovels, derricks .....                                     | 2.720         | 2.970        |
| Trench machines .....  | 3.005         | 3.055        | Pumpcretes .....  | 2.610         | 2.860        |
| Hoes .....   | 3.005         | 3.055        | Medium equipment:   |               |              |
| Medium equipment:  |               |              | Hoists .....  | 2.500         | 2.750        |
| Tractors or bulldozers under<br>40 horsepower .....          | 2.675         | 2.725        | Mixers, concrete over 16S .....                                     | 2.500         | 2.750        |
| Tractors or bulldozers over<br>40 horsepower .....           | 2.840         | 2.890        | Mixers, concrete 16S<br>and under .....                             | 2.280         | 2.530        |
| Mixers .....   | 2.620         | 2.670        | Welders, mechanics .....  | 2.500         | 2.750        |
| Mixers when pavers are used .....                            | 2.840         | 2.890        | Light equipment:  |               |              |
| Scrapers .....   | 2.840         | 2.890        | Compressors .....   | 2.170         | 2.420        |
| Light equipment:   |               |              | Firemen, temporary heat .....                                       | 2.170         | 2.420        |
| Air compressors .....  | 2.400         | 2.450        | Oilers .....  | 1.900         | 2.140        |
| Pumps .....  | 2.345         | 2.395        | Heavy construction:   |               |              |
| Helpers and oilers .....                                     | 2.345         | 2.395        | Heavy equipment:  |               |              |
| Glaziers .....   | 2.670         | 2.720        | Derricks .....  | 2.720         | 2.870        |
| Lathers .....  | 2.950         | 3.000        | Dredges, engineers .....  | 2.720         | 2.870        |
| Machinists .....   | 2.750         | *2.750       | Shovels, cranes .....   | 2.720         | 2.870        |
| Marble setters .....   | 3.000         | 3.000        | Medium equipment:   |               |              |
| Mosaic and terrazzo workers .....                            | 2.985         | 3.055        | Bulldozers, scrapers .....  | 2.500         | 2.650        |
| Painters .....   | 2.500         | 2.550        | Graders, motor patrols<br>(finishing) .....                         | 2.500         | 2.650        |
| Swing stage to 80 feet .....                                 | 2.650         | 2.700        | Welders, mechanics .....  | 2.500         | 2.650        |
| Swing stage over 80 feet .....                               | 2.750         | 2.800        | Light equipment:  |               |              |
| Spray nozzlemen .....  | 2.625         | 2.675        | Finishing machines .....  | 2.280         | 2.430        |
| Structural-iron .....  | 2.750         | 2.800        | Loaders (Barber Green) .....  | 2.280         | 2.430        |
| Plasterers .....   | 2.950         | 3.000        | Pumps, compressors .....  | 2.170         | 2.320        |
| Plumbers .....   | 2.930         | 3.000        | Glaziers .....  | 2.260         | 2.360        |
| Rodmen .....   | 2.625         | 2.790        | Lathers:  |               |              |
| Roofers, composition .....                                   | 2.550         | 2.620        | Minneapolis .....   | 2.900         | 3.000        |
| Mastic spreaders .....                                       | 2.750         | 2.820        | St. Paul .....  | 2.900         | 2.900        |
| Roofers, slate and tile .....                                | 2.700         | 2.770        | Machinists .....  | 2.640         | 2.800        |
| Sheet-metal workers .....                                    | 2.730         | 2.800        | Marble setters .....  | 2.700         | 2.800        |
| Sign painters .....  | 2.700         | 2.750        | Mosaic and terrazzo workers .....                                   | 2.680         | 2.730        |
| Steamfitters .....   | 2.930         | 3.000        | Painters:   |               |              |
| Sprinkler fitters .....                                      | 2.870         | 2.900        | Minneapolis .....   | 2.500         | 2.650        |
| Stonecutters .....   | 2.350         | 2.450        | Structural steel, swing stage .....                                 | 2.750         | 2.900        |
| Planer men .....   | 2.100         | 2.200        | St. Paul .....  | 2.550         | 2.650        |
| Stonemasons .....  | 3.150         | 3.200        | Structural steel, swing<br>stage, spray .....                       | 2.800         | 2.900        |
| Structural-iron workers .....                                | 2.735         | 2.900        | Paperhangers:   |               |              |
| Tile layers .....  | 2.840         | 2.890        | Minneapolis .....   | 2.500         | 2.650        |
|  |               |              | St. Paul .....  | 2.550         | 2.650        |
|  |               |              | Plasterers:   |               |              |
| <u>Helpers and laborers</u>                                  |               |              | Minneapolis .....   | 2.900         | 3.000        |
| Bricklayers' tenders .....                                   | 2.235         | 2.285        | St. Paul .....  | 2.900         | 2.900        |
| Building laborers .....                                      | 2.125         | 2.175        | Plumbers .....  | 2.850         | 3.000        |
| Composition roofers' helpers .....                           | 1.900         | 1.950        | Rodmen .....  | 2.720         | 2.820        |
| Elevator constructors' helpers .....                         | 1.995         | 1.995        | Roofers (composition, slate and tile) .....                         | 2.500         | 2.650        |
| Marble setters' helpers .....                                | 2.200         | 2.200        | Sheet-metal workers:  |               |              |
| Mosaic and terrazzo workers' helpers .....                   | 2.265         | 2.335        | Minneapolis .....   | 2.775         | 2.775        |
| Base-machine operators .....                                 | 2.435         | 2.505        | St. Paul .....  | 2.775         | 2.875        |

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                            | Rate per hour |              | Trade or occupation                               | Rate per hour |              |
|--|---------------|--------------|---|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |   | July 1, 1953  | July 1, 1954 |
| <b>MINNEAPOLIS-ST. PAUL, MINN. - Continued</b> |               |              | <b>NEWARK, N. J. - Continued</b>                  |               |              |
| <u>Journeyman - Continued</u>                  |               |              | <u>Journeyman - Continued</u>                     |               |              |
| Sign painters .....                            | \$ 2.650      | \$ 2.750     | Painters .....                                    | \$ 3.000      | \$ 3.100     |
| Steamfitters .....                             | 2.850         | 3.000        | Hardwood finishers .....                          | 2.815         | 2.900        |
| Sprinkler fitters .....                        | 2.870         | 2.900        | Structural steel .....                            | 3.250         | 3.350        |
| Stonemasons .....                              | 3.125         | 3.225        | Plasterers .....                                  | 3.650         | 3.750        |
| Structural-iron workers and finishers .....    | 2.820         | 2.920        | Plumbers .....                                    | 3.250         | 3.500        |
| Tile layers .....                              | 2.700         | 2.700        | Rodmen .....                                      | 3.450         | 3.750        |
| <u>Helpers and laborers</u>                    |               |              | Roofers, composition .....                        | 3.290         | 3.450        |
| Bricklayers' tenders .....                     | 1.950         | 2.050        | Roofers, slate and tile .....                     | 3.400         | 3.400        |
| Mortar mixers - St. Paul .....                 | 2.080         | 2.180        | Sheet-metal workers .....                         | 3.250         | 3.400        |
| Building laborers .....                        | 1.950         | 2.050        | Sign painters .....                               | 2.825         | 2.825        |
| Composition roofers' helpers .....             | 1.950         | 2.050        | Inside .....                                      | 2.575         | 2.575        |
| Elevator constructors' helpers .....           | 1.960         | 2.030        | Steamfitters .....                                | 3.250         | 3.500        |
| Marble setters' helpers .....                  | 1.930         | 2.000        | Sprinkler fitters .....                           | 3.100         | 3.300        |
| Plasterers' tenders .....                      | 2.370         | 2.470        | Stonemasons .....                                 | 3.650         | 3.750        |
| Plumbers' laborers:                            |               |              | Structural-iron workers .....                     | 3.450         | 3.750        |
| Minneapolis:                                   |               |              | Tile layers .....                                 | 3.250         | 3.300        |
| First 3 years .....                            | 2.100         | 2.250        | <u>Helpers and laborers</u>                       |               |              |
| After 3 years .....                            | 2.300         | 2.450        | Bricklayers' tenders .....                        | 2.590         | 2.700        |
| St. Paul .....                                 | 2.120         | 2.220        | Building laborers .....                           | 2.590         | 2.700        |
| Terrazzo workers' helpers .....                | 1.940         | *1.940       | Composition roofers' helpers .....                | 1.800         | 1.960        |
| Base-machine operators .....                   | 2.240         | *2.240       | Elevator constructors' helpers .....              | 2.470         | 2.620        |
| Tile layers' helpers .....                     | 1.930         | 2.000        | Plasterers' laborers .....                        | 2.590         | 2.700        |
| <b>NEWARK, N. J.</b>                           |               |              | Terrazzo workers' helpers .....                   | 2.550         | 2.700        |
| <u>Journeyman</u>                              |               |              | Tile layers' helpers .....                        | 2.450         | 2.700        |
| Asbestos workers .....                         | 3.250         | 3.250        | <b>NEW HAVEN, CONN.</b>                           |               |              |
| Home insulators .....                          | 2.150         | 2.300        | <u>Journeyman</u>                                 |               |              |
| Boilermakers .....                             | 3.600         | 3.600        | Asbestos workers .....                            | 2.710         | 2.850        |
| Bricklayers .....                              | 3.650         | 3.750        | Bricklayers .....                                 | 3.000         | 3.100        |
| Carpenters .....                               | 3.400         | 3.500        | Carpenters .....                                  | 2.590         | 2.750        |
| Wharf and bridge .....                         | 3.300         | 3.400        | Cement finishers .....                            | 3.000         | 3.100        |
| Cement finishers .....                         | 3.650         | 3.750        | Electricians (inside wiremen) .....               | 2.750         | 2.900        |
| Electricians (inside wiremen) .....            | 3.500         | 3.500        | Elevator constructors .....                       | 2.850         | 3.010        |
| Elevator constructors .....                    | 3.300         | 3.500        | Engineers - Power equipment operators:            |               |              |
| Engineers - Power equipment operators:         |               |              | Building construction:                            |               |              |
| Building construction:                         |               |              | Heavy equipment:                                  |               |              |
| Heavy equipment:                               |               |              | Cranes, steel .....                               | 2.720         | 2.940        |
| Power shovels, cranes .....                    | 3.400         | 3.900        | Shovels .....                                     | 2.530         | 2.750        |
| Power cranes (steel erection) .....            | 3.650         | 3.900        | Derricks .....                                    | 2.720         | 2.940        |
| Trench machines, paving mixers .....           | 3.400         | 3.900        | Medium equipment:                                 |               |              |
| Medium equipment:                              |               |              | Hod hoists .....                                  | 2.530         | 2.750        |
| Hoists (single or double drum) .....           | 3.400         | 3.750        | Compressors .....                                 | 2.475         | 2.475        |
| Central power plants .....                     | 3.400         | 3.900        | Bulldozers .....                                  | 2.200         | 2.400        |
| Concrete tower hoists .....                    | 3.400         | 3.750        | Light equipment:                                  |               |              |
| Light equipment:                               |               |              | Well-points system, welding machines, steel ..... | 2.475         | 2.475        |
| Air compressors (single) .....                 | 3.150         | 3.500        | Small concrete mixers:                            |               |              |
| Pumps and small mixers .....                   | 3.150         | 3.500        | Under 5 bags .....                                | 2.100         | 2.300        |
| Concrete pumps .....                           | 3.150         | 3.500        | 5 bags and over .....                             | 2.250         | 2.500        |
| Heavy construction:                            |               |              | Heavy construction:                               |               |              |
| Heavy equipment:                               |               |              | Heavy equipment:                                  |               |              |
| Power shovels, cranes, draglines .....         | 3.400         | 3.900        | Shovels, piledrivers, draglines .....             | 2.530         | 2.750        |
| Piledriving machines .....                     | 3.525         | 3.900        | Medium equipment:                                 |               |              |
| Back hoes, concrete pavers .....               | 3.400         | 3.900        | Pumps .....                                       | 2.475         | 2.475        |
| Medium equipment:                              |               |              | Bulldozers .....                                  | 2.200         | 2.400        |
| Caisson hoists .....                           | 3.400         | 3.750        | Light equipment:                                  |               |              |
| Shaft hoists .....                             | 3.400         | 3.750        | Compressors, welding machines .....               | 2.475         | 2.475        |
| Excavating carryalls .....                     | 3.150         | 3.500        | Small concrete mixers:                            |               |              |
| Light equipment:                               |               |              | Under 5 bags .....                                | 2.100         | 2.300        |
| Small mixers, pumps .....                      | 3.150         | 3.500        | 5 bags and over .....                             | 2.250         | 2.500        |
| Front end loaders .....                        | 3.150         | 3.500        | Granite cutters .....                             | 2.040         | 2.040        |
| Concrete pumps .....                           | 3.150         | 3.500        | Marble setters .....                              | 3.000         | 3.100        |
| Glaziers .....                                 | 3.000         | 3.125        | Mosaic and terrazzo workers .....                 | 3.000         | 3.100        |
| Lathers .....                                  | 3.500         | 3.500        | Painters .....                                    | 2.500         | 2.600        |
| Machinists .....                               | 3.400         | 3.400        | Structural steel and bridge .....                 | 2.750         | 2.850        |
| Mosaic and terrazzo workers .....              | 3.150         | 3.300        | Paperhangers .....                                | 2.750         | 2.850        |
|  |               |              | Plasterers .....                                  | 3.000         | 3.100        |
|  |               |              | Plumbers .....                                    | 2.850         | 3.000        |
|  |               |              | Rodmen .....                                      | 3.300         | 3.400        |
|  |               |              | Roofers, composition .....                        | 2.750         | 2.900        |

See footnotes at end of table.

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                                | Rate per hour |              | Trade or occupation  | Rate per hour |              |
|--|---------------|--------------|--|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| NEW HAVEN, CONN. - Continued                       |               |              | NEW ORLEANS, LA. - Continued   |               |              |
| <u>Journeyman - Continued</u>                      |               |              | <u>Helpers and laborers - Continued</u>  |               |              |
| Roofers, slate and tile .....                      | \$3.000       | \$3.150      | Building laborers .....  | \$1.375       | \$1.425      |
| Precast slabbers .....                             | 3.250         | 3.400        | Composition roofers' helpers .....   | 1.425         | 1.475        |
| Sheet-metal workers .....                          | 2.800         | 2.900        | Elevator constructors' helpers .....   | 1.865         | 2.020        |
| Sign painters .....                                | 2.400         | 2.500        | Marble setters' helpers .....  | 1.450         | 1.500        |
| Steam and sprinkler fitters .....                  | 2.850         | 3.000        | Plasterers' laborers .....   | 1.575         | 1.600        |
| Stonemasons .....                                  | 3.000         | 3.100        | Plumbers' laborers .....   | 1.500         | 1.600        |
| Structural-iron workers .....                      | 3.300         | 3.400        | Steamfitters' helpers .....  | 1.500         | 1.600        |
| Tile layers .....                                  | 3.000         | 3.100        | Terrazzo workers' helpers .....  | 1.450         | 1.500        |
| <u>Helpers and laborers</u>                        |               |              | NEW YORK, N. Y.  |               |              |
| Bricklayers' tenders .....                         | 1.950         | 2.050        | <u>Journeyman</u>  |               |              |
| Building laborers .....                            | 1.950         | 2.050        | Asbestos workers .....   | 43.150        | 43.500       |
| Elevator constructors' helpers .....               | 2.000         | 2.110        | Boilermakers .....   | 3.150         | 3.500        |
| Marble setters' helpers .....                      | 1.965         | 2.100        | Bricklayers .....  | 43.550        | 43.800       |
| Plasterers' laborers .....                         | 1.950         | 2.050        | Carpenters .....   | 43.300        | 43.400       |
| Terrazzo workers' helpers .....                    | 1.965         | 2.100        | Wharf and bridge .....   | 43.300        | 43.400       |
| Tile layers' helpers .....                         | 1.965         | 2.100        | Cement finishers .....   | 43.300        | 43.400       |
| NEW ORLEANS, LA.                                   |               |              | Electricians (inside wiremen) .....  | 43.300        | 43.300       |
| <u>Journeyman</u>                                  |               |              | Elevator constructors .....  | 3.300         | 3.500        |
| Asbestos workers .....                             | 2.830         | 3.000        | Engineers - Power equipment operators:   |               |              |
| Home insulators .....                              | 2.420         | 2.420        | Building construction:   |               |              |
| Boilermakers .....                                 | 2.750         | 2.900        | Heavy equipment:   |               |              |
| Bricklayers .....                                  | 3.050         | 3.100        | Steel erection (cranes and derricks) .....   | 3.800         | 3.900        |
| Carpenters and piledrivers .....                   | 2.420         | 2.470        | Concrete buckets (stone derricks) .....  | 3.550         | 43.650       |
| Millwrights .....                                  | 2.560         | 2.610        | Hoists .....   | 43.550        | 43.650       |
| Cement masons .....                                | 2.420         | 2.470        | Scrapers, tournapulls, motor patrol .....  | 3.050         | 3.150        |
| Electricians (inside wiremen) .....                | 2.850         | 2.925        | Medium equipment:  |               |              |
| Elevator constructors .....                        | 2.665         | 2.885        | Welding machines and compressors .....   | 3.300         | 3.400        |
| Engineers - Power equipment operators:             |               |              | Plaster (platform machines) .....  | 43.550        | 43.650       |
| Air compressors .....                              | 2.050         | 2.100        | Bulldozers, tractors, locomotives (10 tons and under), road finishing machines, mixers under 21E ..... | 2.925         | 3.025        |
| Bulldozers .....                                   | 2.600         | 2.650        | Heavy construction:  |               |              |
| Cranes, derricks, draglines, and piledrivers ..... | 2.600         | 2.650        | Heavy equipment:   |               |              |
| Graders, blade .....                               | 2.050         | 2.100        | Shovels .....  | 3.800         | 3.900        |
| Hoists:  |               |              | Piledrivers .....  | 3.675         | 3.775        |
| 1 drum, under 4 stories .....                      | 2.050         | 2.100        | Cranes (digging bucket) .....  | 3.550         | 3.650        |
| 1 drum, 4 stories and over .....                   | 2.600         | 2.650        | Scrapers and tournapulls, motor patrol .....   | 3.050         | 3.150        |
| 2 drums .....                                      | 2.600         | 2.650        | Medium equipment:  |               |              |
| Mixers .....                                       | 2.050         | 2.100        | Cranes (structural steel) .....  | 3.800         | 3.900        |
| Pumps .....  | 2.050         | 2.100        | Mixers (concrete) and power houses .....   | 3.425         | 3.525        |
| Rollers, except asphalt and brick .....            | 2.050         | 2.100        | Bulldozers, tractors, locomotives (10 tons and under), road finishing machines, mixers under 21E ..... | 2.925         | 3.025        |
| Scrapers .....                                     | 2.600         | 2.650        | Light equipment:   |               |              |
| Shovels .....                                      | 2.600         | 2.650        | Compressors (portable, 3 or more in battery), double-drum hoists and pumps (concrete) .....            | 3.300         | 3.400        |
| Trench machines .....                              | 2.600         | 2.650        | Glaziers .....   | 43.300        | 43.400       |
| Glaziers .....                                     | 2.350         | 2.400        | Granite cutters and setters .....  | 43.250        | 43.536       |
| Lathers (wood) .....                               | 2.375         | 2.450        | Lathers:   |               |              |
| Lathers (metal and wire) .....                     | 2.600         | 2.700        | Agreement A .....  | 13.500        | 13.500       |
| Machinists .....                                   | 2.770         | 2.870        | Agreement B .....  | 43.300        | 43.400       |
| Marble setters .....                               | 3.050         | 3.100        | Brooklyn .....   | 43.150        | 43.400       |
| Mosaic and terrazzo workers .....                  | 2.625         | 2.625        | Queens and Long Island .....   | 43.150        | 13.150       |
| Painters .....                                     | 2.125         | 2.275        | Machinists .....   | 3.300         | 43.400       |
| Spray, structural steel, and swing stage .....     | 2.375         | 2.525        | Marble setters and cutters .....   | 3.250         | 3.300        |
| Paperhangers .....                                 | 2.125         | 2.275        | Mosaic and terrazzo workers .....  | 3.250         | 3.300        |
| Plasterers .....                                   | 2.625         | 2.675        | Painters .....   | 42.830        | 42.890       |
| Plumbers .....                                     | 2.750         | 2.900        | Brooklyn .....   | 42.830        | 43.000       |
| Rodmen .....                                       | 2.445         | 2.495        | Long Island City .....   | 42.830        | 43.000       |
| Roofers, composition .....                         | 2.200         | 2.405        | Jamaica and Flushing .....   | 42.940        | 43.000       |
| Roofers, slate and tile .....                      | 2.200         | 2.405        | Swing stage .....  | 43.360        | 43.420       |
| Sheet-metal workers .....                          | 2.420         | 2.700        | Decorators and grainers .....  | 43.500        | 43.750       |
| Sign painters .....                                | 2.650         | 2.725        | Structural steel .....   | 43.250        | 43.320       |
| Steamfitters .....                                 | 2.750         | 2.900        |  |               |              |
| Stonemasons .....                                  | 3.050         | 3.100        |  |               |              |
| Structural- and ornamental-iron workers .....      | 2.750         | 2.800        |  |               |              |
| Tile layers .....                                  | 2.625         | 2.625        |  |               |              |
| <u>Helpers and laborers</u>                        |               |              |  |               |              |
| Bricklayers' tenders .....                         | 1.475         | 1.525        |  |               |              |
| Hod carriers (mason's tenders) .....               | 1.475         | 1.525        |  |               |              |
| When mortar is mixed by machine .....              | 1.575         | 1.625        |  |               |              |
| Mortar mixers, hand .....                          | 1.575         | 1.625        |  |               |              |

See footnotes at end of table.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                              | Rate per hour |              | Trade or occupation  | Rate per hour |              |
|--|---------------|--------------|--|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| <b>NEW YORK, N. Y. - Continued</b>               |               |              | <b>OKLAHOMA CITY, OKLA. - Continued</b>                        |               |              |
| <u>Journeyman - Continued</u>                    |               |              | <u>Journeyman - Continued</u>                                  |               |              |
| Plasterers:                                      | \$            | \$           | Painters, brush  | \$ 2.350      | \$ 2.350     |
| Agreement A                                      | 1 3.500       | 1 3.600      | Spray, structural steel, swing stage and scaffold over 30 feet | 2.600         | 2.600        |
| Agreement B                                      | 1 3.600       | 1 3.650      | Paperhangers   | 2.350         | 2.350        |
| Agreement C                                      | 1 3.500       | 1 3.650      | Plasterers   | 3.300         | 3.300        |
| Agreement D                                      | 1 3.600       | 1 3.600      | Plumbers   | 2.800         | 2.900        |
| Plumbers   | 4 3.250       | 4 3.500      | Rodmen   | 2.625         | 2.750        |
| Richmond   | 4 3.300       | 4 3.500      | Roofers, composition   | 2.240         | 2.360        |
| Brooklyn and Queens                              | 4 3.250       | 4 3.500      | Roofers, slate and tile  | 2.240         | 2.360        |
| Rodmen   | 4 3.300       | 4 3.400      | Sheet-metal workers  | 2.600         | 2.800        |
| Roofers, composition                             | 4 3.300       | 4 3.400      | Sign painters  | 2.450         | 2.450        |
| Roofers, slate and tile                          | 3.300         | 3.400        | Steamfitters   | 2.800         | 2.910        |
| Brooklyn, Queens, and Long Island                | 3.500         | 3.500        | Refrigeration fitters  | 2.800         | 2.910        |
| Sheet-metal workers                              | 4 3.400       | 4 3.500      | Stonemasons  | 3.500         | 3.500        |
| Sign painters                                    | 4 2.894       | 4 3.039      | Structural- and ornamental-iron workers                        | 2.625         | 2.750        |
| Outdoor advertising                              | 4 3.479       | 4 3.764      | Erectors   | 2.625         | 2.750        |
| Silk screen process                              | 4 2.836       | 4 3.039      | Tile layers  | 2.750         | 2.750        |
| Steam and sprinkler fitters                      | 4 3.400       | 4 3.500      |  |               |              |
| Stonemasons                                      | 4 3.250       | 4 3.500      |  |               |              |
| Stonemasons                                      | 4 3.650       | 4 3.650      |  |               |              |
| Long Island (stone setters)                      | 4 3.550       | 4 3.750      |  |               |              |
| Structural-iron workers                          | 3.550         | 3.750        |  |               |              |
| Finishers  | 4 3.300       | 4 3.400      |  |               |              |
| Tile layers                                      | 3.250         | 3.300        |  |               |              |
|  |               |              |  |               |              |
| <u>Helpers and laborers</u>                      |               |              | <u>Helpers and laborers</u>                                    |               |              |
| Bricklayers' tenders                             | 4 2.400       | 4 2.550      | Bricklayers' tenders   | 1.750         | 1.850        |
| Building laborers                                | 4 2.450       | 4 2.550      | Building laborers  | 1.600         | 1.700        |
| Excavating laborers                              | 2.300         | 2.400        | Elevator constructors' helpers                                 | 2.060         | 2.060        |
| Elevator constructors' helpers                   | 2.470         | 2.620        | Plasterers' laborers   | 1.750         | 1.850        |
| Plasterers' laborers                             | 1 2.650       | 1 2.900      | Plumbers' laborers   | 1.600         | 1.700        |
| Brooklyn   | 1 3.100       | 1 3.150      |  |               |              |
| Plumbers' laborers                               | 2.300         | 2.400        |  |               |              |
| Brooklyn   | 2.150         | 2.150        |  |               |              |
| Terrazzo workers' helpers                        | 2.550         | 2.700        |  |               |              |
| Tile layers' helpers                             | 2.400         | 2.700        |  |               |              |
|  |               |              |  |               |              |
| <b>OKLAHOMA CITY, OKLA.</b>                      |               |              | <b>OAKLAND, CALIF.</b>   |               |              |
| <u>Journeyman</u>                                |               |              | <u>Journeyman</u>  |               |              |
| Asbestos workers                                 | 2.750         | 2.900        | Asbestos workers   | 2.750         | 2.900        |
| Bricklayers                                      | 3.500         | 3.500        | Bricklayers  | 3.125         | 3.175        |
| Carpenters and parquetry                         |               |              | Carpenters   | 2.550         | 2.625        |
| floor layers                                     | 2.525         | 2.625        | Millwrights and piledrivers                                    | 2.675         | 2.750        |
| Millwrights and piledrivers                      | 2.700         | 2.800        | Floor layers   | 2.550         | 2.625        |
| Cement finishers                                 | 2.600         | 2.750        | Cement finishers   | 2.575         | 2.650        |
| Electricians (inside wiremen)                    | 2.875         | 3.000        | Electricians (inside wiremen)                                  | 2.900         | 3.000        |
| Elevator constructors                            | 2.950         | 2.950        | Elevator constructors  | 2.760         | 2.910        |
| Engineers - Power equipment operators:           |               |              | Engineers - Power equipment operators:                         |               |              |
| Air compressors:                                 |               |              | Building construction:   |               |              |
| 500 cubic feet or under                          | 2.125         | 2.125        | Heavy equipment:   |               |              |
| Over 500 cubic feet                              | 2.375         | 2.400        | Cranes   | 2.800         | 2.850        |
| Bulldozers                                       | 2.375         | 2.400        | Derricks   | 2.800         | 2.850        |
| Derricks:  |               |              | Shovels  | 2.800         | 2.850        |
| Under 5 tons                                     | 2.375         | 2.400        | Two-drum hoists  | 2.800         | 2.850        |
| 5 tons or over                                   | 2.625         | 2.650        | Medium equipment:  |               |              |
| Draglines and shovels                            |               |              | Air compressors  | 2.250         | 2.300        |
| over 3/4 yards                                   | 2.625         | 2.650        | Hoists   | 2.450         | 2.500        |
| Graders, elevating                               | 2.375         | 2.400        | Pumps, concrete  | 2.450         | 2.500        |
| Hoists   | 2.375         | 2.400        | Light equipment:   |               |              |
| Mixers:  |               |              | Air tuggers  | 2.450         | 2.500        |
| Under 18 cubic feet                              | 2.125         | 2.125        | Boom trucks  | 2.450         | 2.500        |
| 18 cubic feet or over                            | 2.375         | 2.400        | Hysters (lumber carrier)                                       | 2.450         | 2.500        |
| Piledrivers                                      | 2.625         | 2.650        | Trax-dozers - scoops   | 2.450         | 2.500        |
| Pumps  | 1.875         | 1.875        | Heavy construction:  |               |              |
| Rollers:   |               |              | Heavy equipment:   |               |              |
| Under 10 tons                                    | 2.125         | 2.125        | Draglines  | 2.650         | 2.700        |
| 10 tons or over                                  | 2.375         | 2.400        | Scoops   | 2.350         | 2.400        |
| Scrapers, trench machines, shovels and draglines |               |              | Shovels  | 2.650         | 2.700        |
| 3/4 yards or less                                | 2.375         | 2.400        | Medium equipment:  |               |              |
| Glaziers   | 2.200         | 2.350        | Bulldozers   | 2.350         | 2.400        |
| Lathers  | 3.300         | 3.300        | Patrols  | 2.350         | 2.400        |
| Marble setters                                   | 2.750         | 2.750        | Tractors   | 2.350         | 2.400        |
| Mosaic and terrazzo workers                      | 2.750         | 2.750        | Light equipment:   |               |              |
|  |               |              | Blade graders  | 2.350         | 2.400        |
|  |               |              | Motor graders  | 2.350         | 2.400        |
|  |               |              | Wheel tractors   | 2.350         | 2.400        |

See footnotes at end of table.



TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                    | Rate per hour |              | Trade or occupation                    | Rate per hour |              |
|--|---------------|--------------|--|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| <b>OMAHA, NEBR. - Continued</b>        |               |              | <b>PEORIA, ILL. - Continued</b>        |               |              |
| <u>Journeyman - Continued</u>          |               |              | <u>Journeyman - Continued</u>          |               |              |
| Glaziers:                              |               |              | Glaziers -----                         | \$2.600       | \$2.700      |
| Outside -----                          | \$2.250       | \$2.350      | Lathers -----                          | 2.900         | 3.100        |
| Inside -----                           | 2.000         | 2.100        | Machinists -----                       | 2.900         | 2.970        |
| Lathers -----                          | 2.850         | 2.900        | Marble setters -----                   | 3.150         | 3.250        |
| Machinists -----                       | 2.650         | 2.650        | Mosaic and terrazzo workers -----      | 3.150         | 3.250        |
| Marble setters -----                   | 2.700         | *2.700       | Painters -----                         | 2.525         | 2.625        |
| Mosaic and terrazzo workers -----      | 2.700         | *2.700       | Swing stage, spray -----               | 2.775         | 2.875        |
| Painters -----                         | 2.250         | 2.325        | Paperhangers -----                     | 2.525         | 2.625        |
| Spray and structural steel -----       | 2.500         | 2.575        | Plasterers -----                       | 3.140         | 3.245        |
| Swing stage -----                      | 2.500         | 2.575        | Plumbers -----                         | 3.000         | 3.100        |
| Paperhangers -----                     | 2.250         | 2.325        | Rodmen -----                           | 3.000         | 3.025        |
| Plasterers -----                       | 3.000         | 3.050        | Roofers, composition -----             | 2.735         | 2.835        |
| Plumbers -----                         | 2.800         | 2.900        | Roofers, slate and tile -----          | 2.735         | 2.835        |
| Rodmen and reinforcers -----           | 2.750         | 2.800        | Sheet-metal workers -----              | 2.850         | 3.100        |
| Roofers, composition -----             | 2.125         | 2.175        | Sign painters -----                    | 2.675         | 2.750        |
| Roofers, slate and tile -----          | 2.375         | 2.425        | Steamfitters -----                     | 3.000         | 3.100        |
| Sheet-metal workers -----              | 2.625         | 2.655        | Structural-iron workers -----          | 3.000         | 3.025        |
| Steamfitters -----                     | 2.800         | 2.900        | Tile layers -----                      | 3.150         | 3.250        |
| Stonemasons -----                      | 3.125         | 3.175        |  |               |              |
| Structural-iron workers -----          | 2.750         | 2.800        | <u>Helpers and laborers</u>            |               |              |
| Tile layers -----                      | 2.700         | *2.700       | Bricklayers' tenders -----             | 2.175         | 2.275        |
|  |               |              | Building laborers -----                | 2.175         | 2.275        |
| <u>Helpers and laborers</u>            |               |              | Elevator constructors' helpers -----   | 2.130         | 2.130        |
| Bricklayers' tenders and               |               |              | Marble setters' helpers -----          | 2.200         | 2.300        |
| mortar mixers -----                    | 1.800         | 1.850        | Plasterers' helpers -----              | 2.300         | 2.400        |
| Hod carriers -----                     | 1.925         | 1.975        | Mortar mixers -----                    | 2.175         | 2.275        |
| Building laborers -----                | 1.800         | 1.850        | Terrazzo workers' helpers -----        | 2.450         | 2.550        |
| Elevator constructors' helpers -----   | 1.930         | 2.040        | Base-machine operators -----           | 2.450         | 2.550        |
| Marble setters' helpers -----          | 1.850         | 1.950        | Tile layers' helpers -----             | 2.200         | 2.300        |
| Plasterers' laborers -----             | 1.925         | 1.975        |  |               |              |
| Terrazzo workers' helpers -----        | 1.850         | 1.950        | <b>PHILADELPHIA, PA.</b>               |               |              |
| Base-machine operators -----           | 2.000         | 2.100        | <u>Journeyman</u>                      |               |              |
| Tile layers' helpers -----             | 1.850         | 1.950        | Asbestos workers -----                 | 3.250         | 3.350        |
|  |               |              | Home insulators -----                  | 1.900         | 2.050        |
| <b>PEORIA, ILL.</b>                    |               |              | Boilermakers -----                     | 3.250         | 3.500        |
| <u>Journeyman</u>                      |               |              | Bricklayers -----                      | 4.350         | 4.750        |
| Asbestos workers -----                 | 3.100         | 3.200        | Speculative -----                      | 4.350         | 4.750        |
| Boilermakers -----                     | 3.000         | 3.150        | Operative -----                        | 3.300         | 3.450        |
| Bricklayers -----                      | 3.250         | 3.350        | Carpenters -----                       | 3.100         | 3.200        |
| Carpenters -----                       | 2.860         | 2.960        | Cement finishers -----                 | 3.100         | 3.200        |
| Floor layers -----                     | 2.860         | 2.960        | Residential or speculative -----       | 2.795         | 2.950        |
| Bricklayers -----                      | 2.860         | 2.960        | Electricians (inside wiremen) -----    | 3.400         | 3.500        |
| Millwrights -----                      | 2.860         | 2.960        | Residential -----                      | 3.000         | 3.250        |
| Cement finishers -----                 | 2.918         | 2.968        | Elevator constructors -----            | 3.320         | 3.450        |
| Electricians (inside wiremen) -----    | 3.000         | 3.100        | Engineers - Power equipment operators: |               |              |
| Elevator constructors -----            | 3.050         | 3.050        | Building construction:                 |               |              |
| Engineers - Power equipment operators: |               |              | Heavy equipment:                       |               |              |
| Building construction:                 |               |              | Cranes (all types) -----               | 3.500         | 3.725        |
| Heavy equipment:                       |               |              | Power shovels, derricks,               |               |              |
| Cranes -----                           | 3.000         | 3.100        | cableways -----                        | 3.500         | 3.600        |
| Derricks -----                         | 3.000         | 3.100        | Medium equipment:                      |               |              |
| Bulldozers -----                       | 3.000         | 3.100        | Tournapulls and carryalls -----        | 3.125         | 3.225        |
| Medium equipment:                      |               |              | Bulldozers and tractors -----          | 2.875         | 2.975        |
| Hoists, 2 drum -----                   | 2.725         | 2.825        | Light equipment:                       |               |              |
| Mixers, 27E and larger -----           | 3.000         | 3.100        | Welding machines -----                 | 2.900         | 3.000        |
| Air compressors (2) -----              | 2.450         | 2.550        | Compressors and pumps -----            | 2.775         | 2.875        |
| Light equipment:                       |               |              | Heavy construction:                    |               |              |
| Pumps -----                            | 2.230         | 2.330        | Heavy equipment:                       |               |              |
| Mixers, 3 bags and under -----         | 2.230         | 2.330        | Cranes (all types), power              |               |              |
| Hoists, 1 drum -----                   | 2.450         | 2.550        | shovels, cableways -----               | 3.500         | 3.600        |
| Heavy construction:                    |               |              | Medium equipment:                      |               |              |
| Heavy equipment:                       |               |              | Tournapulls and carryalls -----        | 3.125         | 3.225        |
| Cranes -----                           | 3.000         | 3.100        | Bulldozers and tractors -----          | 2.875         | 2.975        |
| Scoops -----                           | 3.000         | 3.100        | Light equipment:                       |               |              |
| Bulldozers -----                       | 3.000         | 3.100        | Welding machines -----                 | 2.900         | 3.000        |
| Medium equipment:                      |               |              | Compressors and pumps -----            | 2.775         | 2.875        |
| Paving mixers -----                    | 3.000         | 3.100        | Glaziers -----                         | 2.770         | 2.850        |
| Motor-patrols -----                    | 3.000         | 3.100        | 30 feet or more above ground -----     | 4.995         | 4.3.075      |
| Piledrivers -----                      | 3.000         | 3.100        | Granite cutters -----                  | 2.230         | 2.400        |
| Light equipment:                       |               |              | Without shed or cover -----            | 4.280         | 4.650        |
| Air compressors -----                  | 2.230         | 2.330        | Lathers -----                          | 3.250         | 3.375        |
| Mixers, 3 bags and under -----         | 2.230         | 2.330        | Residential or speculative -----       | 2.795         | *2.795       |
| Pumps -----                            | 2.230         | 2.330        | Machinists -----                       | 3.000         | 3.200        |
|  |               |              | Marble setters -----                   | 3.150         | 3.275        |

See footnotes at end of table.

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                               | Rate per hour |              | Trade or occupation  | Rate per hour |              |
|---|---------------|--------------|--|---------------|--------------|
|   | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| PHILADELPHIA, PA. - Continued                     |               |              | PITTSBURGH, PA. - Continued  |               |              |
| <u>Journeyman - Continued</u>                     |               |              | <u>Journeyman - Continued</u>  |               |              |
| Mosaic and terrazzo workers .....                 | \$3.080       | \$3.330      | Sheet-metal workers .....  | \$3.150       | \$3.150      |
| Painters .....                                    | 2.500         | 2.600        | Sign painters .....  | 2.840         | 2.900        |
| Steel, spray and swing stage .....                | 2.625         | 2.725        | Over 70 feet .....   | 3.090         | 3.150        |
| Paperhangers .....                                | 2.565         | 2.565        | Steamfitters .....   | 3.250         | 3.300        |
| Plasterers .....                                  | 3.400         | 3.500        | Sprinkler fitters .....  | 3.050         | 3.100        |
| Residential or speculative .....                  | 3.200         | 3.450        | Stonemasons .....  | 3.400         | 3.550        |
| Plumbers .....                                    | 3.400         | 3.500        | Structural-iron workers .....  | 3.150         | 3.150        |
| Rodmen .....                                      | 2.940         | 3.200        | Ornamental .....   | 3.150         | 3.150        |
| Roofers, composition .....                        | 2.825         | 2.950        | Tile layers .....  | 3.100         | 3.100        |
| Roofers, slate and tile .....                     | 3.245         | 3.310        |  |               |              |
| Sheet-metal workers .....                         | 3.160         | 3.285        |  |               |              |
| Sign painters .....                               | 2.625         | 2.725        |  |               |              |
| Outdoor advertising .....                         | 2.725         | 2.825        |  |               |              |
| Steamfitters .....                                | 3.400         | 3.500        |  |               |              |
| Sprinkler fitters .....                           | 3.380         | 3.500        |  |               |              |
| Stonemasons .....                                 | 3.375         | 3.500        |  |               |              |
| Speculative .....                                 | 2.795         | 2.895        |  |               |              |
| Residential .....                                 | 3.125         | 3.250        |  |               |              |
| Structural-iron workers .....                     | 3.330         | 3.450        |  |               |              |
| Tile layers .....                                 | 3.025         | 3.150        |  |               |              |
|   |               |              |  |               |              |
| <u>Helpers and laborers</u>                       |               |              | <u>Helpers and laborers</u>  |               |              |
| Bricklayers' tenders .....                        | 1.875         | 1.950        | Bricklayers' tenders .....   | 2.275         | 2.275        |
| Building laborers .....                           | 1.875         | 1.950        | Building laborers .....  | 2.025         | 2.025        |
| Residential .....                                 | 1.655         | 1.750        | Elevator constructors' helpers .....   | 2.270         | 2.345        |
| Elevator constructors' helpers .....              | 2.320         | 2.410        | Marble setters' helpers .....  | 2.125         | 2.125        |
| Marble setters' helpers .....                     | 2.425         | 2.550        | Plasterers' laborers .....   | 2.275         | 2.275        |
| Plasterers' laborers .....                        | 2.400         | 2.500        | Plumbers' laborers .....   | 2.000         | 2.125        |
| Residential .....                                 | 2.225         | 2.325        | Terrazzo workers' helpers .....  | 2.125         | 2.350        |
| Terrazzo workers' helpers .....                   | 2.525         | 2.650        |  |               |              |
| Tile layers' helpers .....                        | 2.325         | 2.450        |  |               |              |
|   |               |              |  |               |              |
| PITTSBURGH, PA.                                   |               |              | PORTLAND, OREG.  |               |              |
| <u>Journeyman</u>                                 |               |              | <u>Journeyman</u>  |               |              |
| Asbestos workers .....                            | 3.150         | 3.250        | Asbestos workers .....   | 2.875         | 3.050        |
| Boilermakers .....                                | 3.125         | 3.125        | Boilermakers .....   | 2.900         | 3.050        |
| Bricklayers .....                                 | 3.400         | 3.550        | Bricklayers .....  | 3.275         | 3.300        |
| Carpenters .....                                  | 3.125         | 3.125        | Carpenters .....   | 2.550         | 2.650        |
| Cement finishers .....                            | 3.125         | 3.125        | Millwrights .....  | 2.800         | 2.900        |
| Electricians (inside wiremen) .....               | 3.350         | 3.500        | Floor layers .....   | 2.675         | 2.775        |
| Elevator constructors .....                       | 3.250         | 3.350        | Piledrivers, bridge, dock,<br>and wharf builders .....                                 | 2.650         | 2.750        |
| Engineers - Power equipment operators:            |               |              | Shinglers .....  | 2.700         | 2.775        |
| Building construction:                            |               |              | Cement finishers .....   | 2.600         | 2.700        |
| Heavy equipment:                                  |               |              | Composition workers, mastic<br>workers .....   | 2.725         | 2.825        |
| Shovels, cranes, and<br>carryall scoops .....     | 3.275         | 3.275        | Electricians (inside wiremen) .....  | 2.850         | 2.850        |
| Medium equipment:                                 |               |              | Elevator constructors .....  | 2.940         | 3.030        |
| Bulldozers, compressors,<br>and hoists .....      | 3.175         | 3.175        | Engineers - Power equipment operators:   |               |              |
| Light equipment:                                  |               |              | Building construction:   |               |              |
| Pumps, rollers, and<br>welders .....              | 3.175         | 3.175        | Heavy equipment:   |               |              |
| Heavy construction:                               |               |              | Power shovels, draglines,<br>and cranes, under<br>1 cubic yard .....                   | 2.700         | 2.700        |
| Heavy equipment:                                  |               |              | Power shovels, draglines,<br>and cranes, 1 cubic yard<br>and under 5 cubic yards ..... | 2.800         | 2.800        |
| Shovels, cranes, and<br>ditchers .....            | 3.000         | 3.000        | Power shovels, draglines<br>and cranes, 5 cubic<br>yards and over .....                | 3.150         | 3.150        |
| Medium equipment:                                 |               |              | Tractors, under<br>50 horsepower .....   | 2.450         | 2.450        |
| Bulldozers, graders, and<br>carryall scoops ..... | 2.820         | 2.820        | Tractors, over<br>50 horsepower .....  | 2.650         | 2.650        |
| Light equipment:                                  |               |              | Medium equipment:  |               |              |
| Compressors, pumps,<br>and rollers .....          | 2.570         | 2.570        | Blades, power .....  | 2.650         | 2.650        |
| Glaziers .....                                    | 2.700         | 2.900        | Piledrivers .....  | 2.750         | 2.750        |
| Lathers .....                                     | 3.300         | 3.300        | Light equipment:   |               |              |
| Machinists .....                                  | 3.125         | 3.250        | Hoists:  |               |              |
| Marble setters .....                              | 3.025         | 3.025        | Single drum .....  | 2.450         | 2.450        |
| Mosaic and terrazzo workers .....                 | 3.163         | 3.163        | 2 or more active drums .....   | 2.750         | 2.750        |
| Painters .....                                    | 2.800         | 2.850        | Concrete mixers:   |               |              |
| Paperhangers .....                                | 2.800         | 2.850        | 1 to 5 bag capacity .....  | 2.400         | 2.400        |
| Plasterers .....                                  | 3.300         | 3.300        | 5 bag capacity and over .....  | 2.550         | 2.550        |
| Plumbers .....                                    | 3.250         | 3.300        | Derricks, live boom .....  | 2.800         | 2.800        |
| Rodmen .....                                      | 3.150         | 3.150        | Heavy construction:  |               |              |
| Roofers, composition .....                        | 2.875         | 2.875        | Heavy equipment:   |               |              |
| Roofers, slate and tile .....                     | 3.000         | 3.000        | Power shovels, draglines,<br>and cranes, under<br>1 cubic yard .....                   | 2.700         | 2.700        |
| Precast slab .....                                | 3.000         | 3.000        | Power shovels, draglines,<br>and cranes, 1 cubic yard and<br>under 5 cubic yards ..... | 2.800         | 2.800        |
|   |               |              | Power shovels, draglines, and<br>cranes, 5 cubic yards<br>and over .....               | 3.150         | 3.150        |
|   |               |              | Tractors, under 50 horsepower .....  | 2.450         | 2.450        |
|   |               |              | Tractors, over 50 horsepower .....   | 2.650         | 2.650        |

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                                      | Rate per hour |              | Trade or occupation                    | Rate per hour |              |
|--|---------------|--------------|--|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| PORTLAND, OREG. - Continued                              |               |              | PROVIDENCE, R. I. - Continued          |               |              |
| <u>Journeyman - Continued</u>                            |               |              | <u>Journeyman - Continued</u>          |               |              |
| Engineers - Power equipment operators: - Continued       |               |              | Glaziers .....                         | \$2.425       | \$2.525      |
| Heavy construction: - Continued                          |               |              | Granite cutters .....                  | 2.150         | 2.250        |
| Medium equipment:  |               |              | Lathers .....                          | *3.150        | *3.150       |
| Blades, power .....                                      | \$2.650       | \$2.650      | Marble setters .....                   | 2.475         | 2.725        |
| Piledrivers .....  | 2.750         | 2.750        | Mosaic and terrazzo workers .....      | 2.475         | 2.725        |
| Light equipment:   |               |              | Painters .....                         | 2.150         | 2.260        |
| Hoists:  |               |              | Structural steel .....                 | 2.400         | 2.510        |
| Single drum .....  | 2.450         | 2.450        | Paperhangers .....                     | 2.150         | 2.260        |
| 2 or more active drums .....                             | 2.750         | 2.750        | Plasterers .....                       | 3.050         | 3.125        |
| Concrete mixers:   |               |              | Plumbers .....                         | 2.700         | 2.800        |
| 1 to 5 bag capacity .....                                | 2.400         | 2.400        | Rodmen .....                           | 2.975         | 2.975        |
| 5 bag capacity and over .....                            | 2.550         | 2.550        | Roofers, composition .....             | 2.350         | 2.450        |
| Derricks, live boom .....                                | 2.800         | 2.800        | Roofers, slate and tile .....          | 2.550         | 2.650        |
| Glaziers .....   | 2.500         | 2.500        | Sheet-metal workers .....              | 2.550         | 2.650        |
| Lathers .....  | 2.900         | 3.050        | Sign painters .....                    | 2.150         | 2.150        |
| Marble setters .....                                     | 2.700         | 2.700        | Steamfitters .....                     | 2.700         | 2.800        |
| Mosaic and terrazzo workers .....                        | 2.900         | 2.900        | Sprinkler fitters .....                | 2.790         | 2.900        |
| Painters .....   | 2.420         | 2.420        | Stonemasons .....                      | 3.038         | 3.150        |
| Bridge and structural steel, spray, swing stage .....    | 2.570         | 2.570        | Structural-iron workers .....          | 2.975         | 2.975        |
| Paperhangers .....                                       | 2.570         | 2.570        | Tile layers .....                      | 2.475         | 2.725        |
| Plasterers .....   | 3.050         | 3.150        |  |               |              |
| Plumbers .....   | 2.850         | 3.050        | <u>Helpers and laborers</u>            |               |              |
| Rodmen .....   | 2.550         | 2.650        | Bricklayers' tenders .....             | 1.800         | 1.875        |
| Roofers, composition .....                               | 2.545         | 2.650        | Building laborers .....                | 1.800         | 1.875        |
| Roofers, slate and tile .....                            | 2.545         | 2.650        | Elevator constructors' helpers .....   | 1.980         | 2.065        |
| Sheet-metal workers .....                                | 2.600         | 2.750        | Marble setters' helpers .....          | 1.650         | 1.900        |
| Sign painters .....                                      | 2.850         | 2.950        | Plasterers' laborers .....             | 2.100         | 2.175        |
| Steamfitters .....                                       | 2.850         | 3.050        | Terrazzo workers' helpers .....        | 1.650         | 1.900        |
| Oil fitters .....  | 2.490         | 2.660        | Tile layers' helpers .....             | 1.650         | 1.900        |
| Stonemasons .....  | 3.275         | 3.300        |  |               |              |
| Structural-iron workers .....                            | 2.750         | 2.850        | RICHMOND, VA.                          |               |              |
| Ornamental finishers .....                               | 2.750         | 2.850        | <u>Journeyman</u>                      |               |              |
| Tile layers .....  | 2.900         | 3.050        | Asbestos workers .....                 | 2.750         | 2.750        |
|  |               |              | Boilermakers .....                     | 2.900         | 3.000        |
| <u>Helpers and laborers</u>                              |               |              | Bricklayers .....                      | 3.000         | 3.000        |
| Bricklayers' tenders .....                               | 2.450         | 2.500        | Carpenters .....                       | 2.050         | 2.200        |
| Building laborers .....                                  | 2.100         | 2.170        | Millwrights .....                      | 2.300         | 2.500        |
| Elevator constructors' helpers .....                     | 2.060         | 2.120        | Cement finishers .....                 | 2.050         | *2.050       |
| Marble setters' helpers .....                            | 2.450         | 2.500        | Electricians (inside wiremen) .....    | 2.500         | 2.625        |
| Plasterers' helpers .....                                | 2.450         | 2.500        | Elevator constructors .....            | 2.605         | 2.740        |
| Plumbers' helpers .....                                  | 2.100         | 2.170        | Engineers - Power equipment operators: |               |              |
| Terrazzo workers' helpers .....                          | 2.450         | 2.500        | Air compressors .....                  | 2.400         | 2.560        |
| Tile layers' helpers .....                               | 2.350         | 2.500        | Bulldozers .....                       | 2.100         | 2.150        |
| PROVIDENCE, R. I.  |               |              | Cranes, derricks, and draglines .....  | 2.400         | 2.560        |
| <u>Journeyman</u>  |               |              | Graders:                               |               |              |
| Asbestos workers .....                                   | 2.850         | 2.975        | Blade .....                            | 2.100         | 2.150        |
| Boilermakers .....                                       | 2.750         | 3.000        | Motor .....                            | 2.100         | 2.150        |
| Bricklayers .....  | 3.038         | 3.150        | Hoists:                                |               |              |
| Tunnel, sewer, and caisson .....                         | 3.290         | 3.400        | 1 drum .....                           | 1.960         | 2.000        |
| Carpenters .....   | 2.450         | 2.525        | 2 or more drums .....                  | 2.240         | 2.300        |
| Cement finishers .....                                   | 2.650         | 2.750        | Locomotives .....                      | 2.100         | 2.150        |
| Electricians (inside wiremen) .....                      | 2.650         | 2.650        | Mixers:                                |               |              |
| Elevator constructors .....                              | 2.830         | 2.950        | 10S or smaller .....                   | 1.820         | 1.850        |
| Engineers - Power equipment operators:                   |               |              | Larger than 10S .....                  | 2.100         | 2.150        |
| Building construction:                                   |               |              | Pumps:                                 |               |              |
| Heavy equipment:   |               |              | 2-inch discharge .....                 | 1.690         | 1.750        |
| Cranes, shovels, draglines, and back hoes .....          | 2.950         | 2.950        | Over 2-inch discharge .....            | 1.960         | 2.000        |
| Medium equipment:  |               |              | Rollers (earth) .....                  | 1.960         | 2.000        |
| Hoists, piledrivers and derricks .....                   | 2.950         | 2.950        | Scrapers .....                         | 2.240         | 2.300        |
| Light equipment:   |               |              | Shovels .....                          | 2.400         | 2.560        |
| Pumps, air compressors and gas or electric heaters ..... | 2.575         | 2.575        | Tournapulls .....                      | 2.240         | 2.300        |
| Heavy construction:                                      |               |              | Tractors:                              |               |              |
| Heavy equipment:   |               |              | Without attachments .....              | 1.960         | 2.000        |
| Shovels, cranes, draglines, and pavers .....             | 2.950         | 2.950        | With attachments .....                 | 2.240         | 2.300        |
| Medium equipment:  |               |              | Trench machines .....                  | 2.240         | 2.300        |
| Piledrivers, lighters, and derricks .....                | 2.950         | 2.950        | Glaziers .....                         | 1.900         | 1.900        |
| Light equipment:   |               |              | Lathers .....                          | 2.625         | 2.625        |
| Mixers, pumps, air compressors, stone crushers .....     | 2.575         | 2.575        | Machinists .....                       | 2.500         | 2.500        |
|  |               |              | Marble setters .....                   | 3.000         | 3.000        |
|  |               |              | Mosaic and terrazzo workers .....      | 2.750         | 2.750        |
|  |               |              | Painters .....                         | 2.000         | 2.150        |
|  |               |              | Spray .....                            | 2.450         | 2.600        |
|  |               |              | Structural steel .....                 | 2.250         | 2.400        |

See footnotes at end of table.

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation   | Rate per hour |              | Trade or occupation                          | Rate per hour |              |
|---|---------------|--------------|--|---------------|--------------|
|   | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| RICHMOND, VA. - Continued   |               |              | ROCHESTER, N. Y. - Continued                 |               |              |
| <u>Journeyman - Continued</u>                                       |               |              | <u>Journeyman - Continued</u>                |               |              |
| Paperhangers .....  | \$2.000       | \$2.150      | Steamfitters .....                           | \$2.840       | \$2.950      |
| Plasterers .....  | 2.685         | *2.750       | Stonemasons .....                            | 3.075         | 3.210        |
| Plumbers .....  | 2.625         | 2.750        | Structural-iron workers .....                | 2.900         | 3.050        |
| Rodmen .....  | 2.400         | 2.400        | Tile layers .....                            | 2.975         | 3.110        |
| Sheet-metal workers .....   | 2.325         | 2.450        | <u>Helpers and laborers</u>                  |               |              |
| Sign painters .....   | 2.100         | 2.250        | Bricklayers' tenders .....                   | 2.125         | 2.240        |
| Steamfitters .....  | 2.625         | 2.750        | Building laborers .....                      | 2.125         | 2.240        |
| Stonemasons .....   | 3.000         | 3.000        | Elevator constructors' helpers .....         | 2.030         | 2.085        |
| Structural- and ornamental-iron workers .....                       | 2.650         | 2.650        | Marble setters' helpers .....                | 2.125         | 2.250        |
| Tile layers .....   | 2.750         | 2.750        | Plasterers' laborers .....                   | 2.125         | 2.240        |
| <u>Helpers and laborers</u>   |               |              | Terrazzo workers' helpers .....              | 2.125         | 2.250        |
| Bricklayers' tenders .....  | 1.400         | 1.400        | Machine operators and grinders .....         | 2.225         | 2.350        |
| Mortar mixers .....   | 1.400         | 1.400        | Tile layers' helpers .....                   | 2.125         | 2.250        |
| Building laborers .....   | 1.150         | 1.150        | ST. LOUIS, MO.                               |               |              |
| Elevator constructors' helpers .....                                | 1.820         | 1.940        | <u>Journeyman</u>                            |               |              |
| Plasterers' laborers .....  | 1.300         | 1.400        | Asbestos workers .....                       | 2.980         | 3.140        |
| ROCHESTER, N. Y.  |               |              | Boilermakers .....                           | 2.900         | 3.050        |
| <u>Journeyman</u>   |               |              | Bricklayers .....                            | 3.450         | 3.450        |
| Asbestos workers .....  | 2.875         | 2.975        | Sewer, over 6 feet, open work .....          | 3.700         | 3.700        |
| Bricklayers .....   | 3.075         | 3.210        | Carpenters .....                             | 2.900         | 3.050        |
| Carpenters .....  | 2.785         | 2.900        | Millwrights .....                            | 2.900         | 3.050        |
| Millwrights .....   | 3.000         | 3.125        | Piledrivers, wharf .....                     | 2.900         | 3.050        |
| Cement finishers .....  | 2.875         | 3.010        | Cement finishers .....                       | 3.000         | 3.100        |
| Electricians (inside wiremen) .....                                 | 2.950         | 3.100        | On swinging scaffold .....                   | 3.125         | 3.225        |
| Elevator constructors .....   | 2.895         | 2.980        | Composition .....                            | 3.250         | 3.350        |
| Engineers - Power equipment operators:                              |               |              | Electricians (inside wiremen) .....          | 2.900         | 3.150        |
| Building construction:  |               |              | Elevator constructors .....                  | 3.065         | 3.155        |
| Heavy equipment:  |               |              | Engineers - Power equipment operators:       |               |              |
| Cranes, derricks, and piledrivers .....                             | 3.075         | 3.175        | Building construction:                       |               |              |
| Medium equipment:   |               |              | Heavy equipment:                             |               |              |
| Hoists, high pressure boilers, and pump creek machines .....        | 2.925         | 3.025        | Crane-dragline-shovel combination .....      | 3.000         | 3.125        |
| Light equipment:  |               |              | Derricks (all types) .....                   | 3.000         | 3.125        |
| Mixers (14S to 26S) .....   | 2.725         | 2.825        | Piledrivers .....                            | 3.000         | 3.125        |
| Pumps (4 inches and over) and mixers (under 14S) .....              | 2.475         | 2.575        | Medium equipment:                            |               |              |
| Compressors (160 cubic feet and over) .....                         | 2.425         | 2.525        | Boring machines (footing foundation) .....   | 3.000         | 3.125        |
| Compressors (under 160 cubic feet) and pumps (under 4 inches) ..... | 2.125         | 2.225        | Combination hoists and concrete mixers ..... | 3.000         | 3.125        |
| Heavy construction:   |               |              | Tractor shovels, hi-lift .....               | 3.000         | 3.125        |
| Heavy equipment:  |               |              | Light equipment:                             |               |              |
| Cableways, piledrivers, cranes, and shovels .....                   | 3.075         | 3.175        | Concrete pumps .....                         | 3.000         | 3.125        |
| Medium equipment:   |               |              | 1 drum hoists .....                          | 2.450         | 2.575        |
| Mucking machines .....  | 2.925         | 3.025        | Single compressors .....                     | 2.450         | 2.575        |
| Carry-all type scrapers, bulldozers, and graders .....              | 2.725         | 2.825        | Heavy construction:                          |               |              |
| Light equipment:  |               |              | Heavy equipment:                             |               |              |
| Dinky locomotives .....   | 2.725         | 2.825        | Crane-dragline-shovel combination .....      | 3.000         | 3.125        |
| Compressors (315 cubic feet and over) .....                         | 2.425         | 2.525        | Derricks (all types) .....                   | 3.000         | 3.125        |
| Pumps (under 4 inches) .....  | 2.125         | 2.225        | Piledrivers .....                            | 3.000         | 3.125        |
| Pumps (4 inches and over) .....                                     | 2.475         | 2.575        | Medium equipment:                            |               |              |
| Glaziers .....  | 2.450         | 2.500        | Hoists, 1 drum .....                         | 2.450         | 2.575        |
| Lathers .....   | 2.900         | 3.020        | Welding machines .....                       | 2.450         | 2.575        |
| Machinists .....  | 3.000         | 3.000        | Single compressors .....                     | 2.450         | 2.575        |
| Marble setters .....  | 2.975         | 3.110        | Light equipment:                             |               |              |
| Mosaic and terrazzo workers .....                                   | 2.975         | 3.110        | Boilers .....                                | 2.450         | 2.575        |
| Painters .....  | 2.665         | 2.765        | Pumps .....                                  | 2.450         | 2.575        |
| Sign painters .....   | 2.400         | 2.500        | Concrete-mixing machines .....               | 2.450         | 2.575        |
| Spray and bridge .....  | 2.915         | 3.015        | Glaziers .....                               | 2.900         | 3.100        |
| Structural .....  | 2.765         | 2.865        | Lathers:                                     |               |              |
| Paperhangers .....  | 2.665         | 2.765        | Metal .....                                  | 3.175         | 3.175        |
| Plasterers .....  | 3.075         | 3.210        | Wood .....                                   | 2.925         | 2.925        |
| Plumbers .....  | 2.840         | 2.950        | Machinists .....                             | 3.000         | 3.150        |
| Rodmen .....  | 2.900         | 3.050        | Marble setters .....                         | 2.900         | 3.050        |
| Roofers .....   | 2.600         | 2.720        | Mosaic and terrazzo workers .....            | 3.000         | 3.250        |
| Sheet-metal workers .....   | 2.700         | 2.830        | Painters .....                               | 2.750         | 2.850        |
|   |               |              | Paperhangers .....                           | 2.750         | 2.850        |
|   |               |              | Plasterers .....                             | 3.175         | 3.175        |
|   |               |              | Plumbers .....                               | 3.003         | 3.003        |
|   |               |              | Rodmen .....                                 | 3.025         | 3.025        |
|   |               |              | Roofers, composition .....                   | 2.900         | 2.900        |

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                               | Rate per hour |              | Trade or occupation                                | Rate per hour    |              |
|---|---------------|--------------|--|------------------|--------------|
|   | July 1, 1953  | July 1, 1954 |  | July 1, 1953     | July 1, 1954 |
| <b>ST. LOUIS, MO. - Continued</b>                 |               |              | <b>SALT LAKE CITY, UTAH - Continued</b>            |                  |              |
| <u>Journeyman - Continued</u>                     |               |              | <u>Journeyman - Continued</u>                      |                  |              |
| Roofers, slate, tile and precast slab .....       | \$2.800       | \$2.800      | Engineers - Power equipment operators: - Continued |                  |              |
| Sheet-metal workers .....                         | 3.050         | 3.250        | Heavy construction: - Continued                    |                  |              |
| Sign painters .....                               | 2.900         | 2.900        | Medium equipment:                                  |                  |              |
| Pictorial painters .....                          | 2.900         | 2.900        | Mucking machines (under-ground work) .....         | \$2.600          | \$2.750      |
| Steamfitters .....                                | 3.050         | 3.200        | Concrete mixers, paving or batch plant .....       | 2.350            | 2.500        |
| Sprinkler fitters .....                           | 2.900         | 3.050        | Tractors .....                                     | 2.350            | 2.500        |
| Stonemasons .....                                 | 3.450         | 3.450        | Motor patrols .....                                | 2.450            | 2.600        |
| Structural-iron workers .....                     | 3.025         | 3.025        | Light equipment:                                   |                  |              |
| Tile layers .....                                 | 2.900         | 2.950        | Locomotives .....                                  | 2.350            | 2.500        |
| <u>Helpers and laborers</u>                       |               |              | Truck cranes .....                                 | 2.500            | 2.650        |
| Bricklayers' tenders .....                        | 2.400         | 2.500        | Glaziers .....                                     | 2.170            | 2.170        |
| Hod carriers .....                                | 2.400         | 2.500        | Lathers .....                                      | 2.750            | 2.750        |
| Building laborers .....                           | 1.970         | 2.100        | Marble setters .....                               | 2.500            | 2.500        |
| Residential .....                                 | 1.750         | 1.850        | Millwrights .....                                  | 2.425            | 2.650        |
| Elevator constructors' helpers .....              | 2.145         | 2.210        | Mosaic and terrazzo workers .....                  | 2.500            | 2.500        |
| Plasterers' laborers .....                        | 2.625         | 2.625        | Painters .....                                     | 2.200            | 2.450        |
| Plumbers' laborers .....                          | 2.200         | 2.375        | Swing stage .....                                  | 2.325            | 2.500        |
| Roofers helpers:                                  |               |              | Spray gun .....                                    | 2.350            | 2.650        |
| Composition .....                                 | 1.950         | 1.950        | Paperhangers .....                                 | 2.325            | 2.500        |
| Slate and tile .....                              | 2.050         | 2.050        | Piledrivers .....                                  | 2.830            | 2.905        |
| Stonemasons' helpers .....                        | 2.400         | 2.500        | Plasterers .....                                   | 2.750            | 2.750        |
| Terrazzo workers' helpers .....                   | 2.130         | 2.350        | Plumbers .....                                     | 2.650            | 2.750        |
| Base-machine operators .....                      | 2.350         | 2.620        | Rodmen .....                                       | 2.600            | 2.725        |
| Tile layers' helpers .....                        | 2.020         | 2.100        | Roofers, composition .....                         | 2.400            | 2.400        |
| <b>ST. PAUL, MINN.</b>                            |               |              | Roofers, slate and tile .....                      | 2.400            | 2.400        |
| (Scales listed under Minneapolis-St. Paul, Minn.) |               |              | Sheet-metal workers .....                          | 2.450            | 2.510        |
| <b>SALT LAKE CITY, UTAH</b>                       |               |              | Sign painters .....                                | 2.220            | 2.220        |
| <u>Journeyman</u>                                 |               |              | Steamfitters .....                                 | 2.650            | 2.750        |
| Asbestos workers .....                            | 2.640         | 2.740        | Pipefitters .....                                  | 2.650            | 2.750        |
| Boilermakers .....                                | 2.900         | 3.050        | Stonemasons .....                                  | 3.000            | 3.000        |
| Bricklayers .....                                 | 3.000         | 3.000        | Structural-iron workers .....                      | 2.675            | 2.800        |
| Carpenters .....                                  | 2.300         | 2.500        | Ornamental finishers .....                         | 2.675            | 2.800        |
| Cement finishers .....                            | 2.300         | 2.500        | Tile layers .....                                  | 2.500            | 2.500        |
| Composition floor layers .....                    | 2.425         | 2.625        | <u>Helpers and laborers</u>                        |                  |              |
| Finishing-machine operators .....                 | 2.425         | 2.625        | Bricklayers' tenders .....                         | 2.100            | 2.175        |
| Electricians (inside wiremen) .....               | 2.700         | 2.800        | Building laborers .....                            | 1.700            | 1.775        |
| Elevator constructors .....                       | 2.650         | 2.750        | Elevator constructors' helpers .....               | 1.850            | 1.925        |
| Engineers - Power equipment operators:            |               |              | Plasterers' laborers .....                         | 2.250            | 2.375        |
| Building construction:                            |               |              | Plumbers' laborers .....                           | 1.700            | 1.775        |
| Heavy equipment:                                  |               |              | Pipelayers .....                                   | 1.825            | 1.900        |
| Derricks .....                                    | 2.500         | 2.650        | Terrazzo workers' helpers .....                    | 1.700            | 1.775        |
| Piledrivers .....                                 | 2.600         | 4.750        | <b>SAN ANTONIO, TEX.</b>                           |                  |              |
| Tractors with front end loaders .....             | 2.350         | 2.500        | <u>Journeyman</u>                                  |                  |              |
| Medium equipment:                                 |               |              | Asbestos workers .....                             | 2.760            | 2.900        |
| Hoists - 1 drum .....                             | 2.200         | 2.325        | Boilermakers .....                                 | ( <sup>3</sup> ) | 2.900        |
| Hoists - 2 drum (both in use) .....               | 2.300         | 2.550        | Bricklayers .....                                  | 3.150            | 3.250        |
| Mixermobiles .....                                | 2.350         | 2.500        | Carpenters .....                                   | 2.350            | 2.500        |
| Tractors, rubber-tired .....                      | 2.100         | 2.500        | Cement finishers .....                             | 2.500            | 2.500        |
| Light equipment:                                  |               |              | Electricians (inside wiremen) .....                | 2.750            | 2.875        |
| Air compressors .....                             | 2.075         | 2.200        | Elevator constructors .....                        | 2.840            | 2.890        |
| Air compressors - 2 or more .....                 | 2.200         | 2.325        | Engineers - Power equipment operators:             |                  |              |
| Concrete mixers, skip type .....                  | 2.100         | 2.225        | Air compressors .....                              | 2.075            | *2.150       |
| Heavy construction:                               |               |              | Bulldozers .....                                   | 2.350            | *2.500       |
| Heavy equipment:                                  |               |              | Derricks, draglines, and piledrivers .....         | 2.350            | *2.500       |
| Power shovels .....                               | 2.500         | 2.650        | Graders (self-propelled) .....                     | 2.350            | *2.500       |
| Tournapull or similar type .....                  | 2.475         | 2.625        | Hoists:  |                  |              |
| Cableways .....                                   | 2.500         | 2.650        | 1 drum .....                                       | 2.075            | *2.150       |
|   |               |              | 2 or more drums .....                              | 2.350            | *2.500       |
|   |               |              | Mixers:  |                  |              |
|   |               |              | Under 14 cubic feet .....                          | 2.075            | *2.150       |
|   |               |              | 14 cubic feet and over .....                       | 2.350            | *2.500       |
|   |               |              | Pumps (2½ inches or over) .....                    | 2.075            | *2.150       |
|   |               |              | Rollers, over 10 tons .....                        | 2.350            | *2.500       |
|   |               |              | Scrapers:  |                  |              |
|   |               |              | 3 cubic yards or less .....                        | 2.075            | *2.150       |
|   |               |              | Over 3 cubic yards .....                           | 2.350            | *2.500       |
|   |               |              | Shovels .....                                      | 2.350            | *2.500       |

See footnotes at end of table.

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation   | Rate per hour      |                    | Trade or occupation                                | Rate per hour      |                    |
|---|--------------------|--------------------|--|--------------------|--------------------|
|   | July 1, 1953       | July 1, 1954       |  | July 1, 1953       | July 1, 1954       |
| SAN ANTONIO, TEX. - Continued                                       |                    |                    | SAN FRANCISCO-OAKLAND, CALIF. - Continued          |                    |                    |
| <u>Journeyman - Continued</u>                                       |                    |                    | <u>Journeyman - Continued</u>                      |                    |                    |
| Engineers - Power equipment operators: - Continued                  |                    |                    | Engineers - Power equipment operators: - Continued |                    |                    |
| Tractors (crawler type and wheel type except when hauling material) | \$ 2.075           | *\$ 2.150          | Heavy construction:                                |                    |                    |
| Trench machines   | 2.350              | * 2.599            | Heavy equipment:                                   |                    |                    |
| Glaziers  | 2.250              | 2.250              | Power shovels (up to and including 1 yard)         | \$ 3.100           | \$ 3.150           |
| Lathers   | 3.000              | 3.175              | Power shovels (over 1 yard)                        | 3.210              | 3.260              |
| Machinists  | 2.750              | 2.750              | Le Tourneau pulls                                  | 2.930              | 2.980              |
| Marble setters  | 2.250              | 2.250              | Highline cableways                                 | 3.100              | 3.150              |
| Mosaic and terrazzo workers   | 2.250              | 2.250              | Medium equipment:                                  |                    |                    |
| Painters  | 2.250              | 2.250              | Mucking machines                                   | 2.900              | 2.950              |
| Spray and structural steel brush                                    | 2.500              | 2.500              | Dual-drum mixers                                   | 2.820              | 2.870              |
| Structural steel spray  | 2.750              | 2.750              | Tractors   | 2.770              | 2.820              |
| Paperhangers  | 2.250              | 2.250              | Light equipment:                                   |                    |                    |
| Plasterers  | 3.000              | 3.175              | Locomotives  | 2.490              | 2.540              |
| Plumbers  | 2.750              | 2.813              | Locomotives (steam or over 30 tons)                | 2.770              | 2.820              |
| Rodmen  | 2.400              | 2.500              | Truck cranes                                       | 2.930              | 2.980              |
| Roofers:  |                    |                    |  | 2.550              | 2.550              |
| Composition   | 1.650              | 1.800              | Granite cutters                                    | 2.375              | 2.500              |
| Slate and tile  | 2.000              | 2.150              | Lathers:   |                    |                    |
| Sheet-metal workers   | 2.625              | 2.750              | San Francisco                                      | 3.250              | 3.350              |
| Sign painters   | <sup>5</sup> 1.500 | <sup>5</sup> 1.650 | Oakland  | 3.500              | <sup>1</sup> 3.500 |
| Steamfitters, pipefitters, and refrigeration fitters                | 2.750              | 2.813              | Machinists   | 2.730              | 2.900              |
| Stonemasons   | 3.150              | 3.250              | Marble setters                                     | 2.950              | 3.000              |
| Structural- and ornamental-iron workers                             | 2.650              | 2.750              | Mosaic and terrazzo workers                        | <sup>4</sup> 2.760 | <sup>*</sup> 2.760 |
| Tile layers   | 2.250              | 2.250              | Painters   | <sup>4</sup> 2.700 | <sup>4</sup> 2.700 |
|   |                    |                    | Paperhangers                                       | <sup>4</sup> 2.700 | <sup>4</sup> 2.700 |
|   |                    |                    | Plasterers:  |                    |                    |
| <u>Helpers and laborers</u>   |                    |                    | San Francisco                                      | 3.275              | 3.375              |
| Bricklayers' tenders  | 1.420              | 1.420              | Oakland  | <sup>1</sup> 3.540 | <sup>1</sup> 3.540 |
| Building laborers   | 1.150              | 1.250              | Plumbers:  |                    |                    |
| Elevator constructors' helpers                                      | 1.990              | 2.020              | San Francisco                                      | 3.000              | 3.050              |
| Plasterers' laborers  | 1.680              | 1.680              | Oakland  | 3.000              | 3.250              |
| Mortar mixers   | 1.680              | 1.680              | Rodmen:  |                    |                    |
| Plumbers' laborers  | 1.150              | 1.250              | San Francisco                                      | 2.750              | 2.750              |
|   |                    |                    | Oakland  | 2.600              | 2.750              |
|   |                    |                    | Roofers  | 2.650              | 2.750              |
|   |                    |                    | Sheet-metal workers:                               |                    |                    |
|   |                    |                    | San Francisco                                      | 2.850              | 2.910              |
|   |                    |                    | Oakland  | 2.694              | 2.950              |
|   |                    |                    | Sign painters:                                     |                    |                    |
|   |                    |                    | San Francisco                                      | <sup>4</sup> 2.850 | <sup>4</sup> 2.925 |
|   |                    |                    | Oakland  | <sup>4</sup> 2.850 | <sup>4</sup> 2.850 |
|   |                    |                    | Steamfitters:                                      |                    |                    |
|   |                    |                    | San Francisco                                      | 3.000              | 3.050              |
|   |                    |                    | Oakland  | 3.125              | 3.250              |
|   |                    |                    | Stonemasons:                                       |                    |                    |
|   |                    |                    | San Francisco                                      | <sup>4</sup> 3.400 | <sup>4</sup> 3.400 |
|   |                    |                    | Oakland  | 3.400              | 3.450              |
|   |                    |                    | Structural-iron workers:                           |                    |                    |
|   |                    |                    | San Francisco                                      | 3.000              | 3.000              |
|   |                    |                    | Oakland  | 2.850              | 3.000              |
|   |                    |                    | (Ornamental):                                      |                    |                    |
|   |                    |                    | San Francisco                                      | 2.850              | 2.850              |
|   |                    |                    | Oakland  | 2.700              | 2.850              |
|   |                    |                    | Tile layers  | 3.000              | 3.100              |
|   |                    |                    |  |                    |                    |
|   |                    |                    | <u>Helpers and laborers</u>                        |                    |                    |
|   |                    |                    | Bricklayers' tenders:                              |                    |                    |
|   |                    |                    | San Francisco                                      | 2.700              | 2.750              |
|   |                    |                    | Oakland  | 2.700              | 2.700              |
|   |                    |                    | Building laborers                                  | 2.000              | 2.050              |
|   |                    |                    | Elevator constructors' helpers                     | 2.160              | 2.210              |
|   |                    |                    | Marble setters' helpers                            | 2.210              | 2.210              |
|   |                    |                    | Plasterers' helpers:                               |                    |                    |
|   |                    |                    | San Francisco                                      | <sup>1</sup> 2.750 | <sup>1</sup> 2.750 |
|   |                    |                    | Oakland  | <sup>1</sup> 3.120 | <sup>1</sup> 3.120 |
|   |                    |                    | Terrazzo workers' helpers                          | 2.140              | 2.250              |
|   |                    |                    | Wet-machine men                                    | 2.255              | 2.375              |
|   |                    |                    | Terrazzo polishers                                 | 2.130              | 2.250              |
|   |                    |                    | Tile layers' helpers                               | 2.250              | 2.350              |

See footnotes at end of table.

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                    | Rate per hour |              | Trade or occupation                    | Rate per hour |              |
|--|---------------|--------------|--|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| <b>SCRANTON, PA.</b>                   |               |              | <b>SEATTLE, WASH. - Continued</b>      |               |              |
| <u>Journeymen</u>                      |               |              | <u>Journeymen - Continued</u>          |               |              |
| Asbestos workers .....                 | \$ 2.830      | \$ 2.930     | Engineers - Power equipment operators: |               |              |
| Bricklayers .....                      | 3.000         | 3.000        | Building construction:                 |               |              |
| Carpenters .....                       | 2.575         | 2.575        | Heavy equipment:                       |               |              |
| Millwrights .....                      | 2.825         | 2.825        | Shovels and cranes, all                |               |              |
| Cement finishers .....                 | 2.750         | 2.850        | crawler and truck types .....          | \$ 3.010      | \$ 3.080     |
| Electricians (inside wiremen) .....    | 2.900         | 2.900        | Bulldozers, all .....                  | 2.660         | 2.730        |
| Elevator constructors .....            | 2.915         | 3.010        | Carryall type scrapers:                |               |              |
| Engineers - Power equipment operators: |               |              | Singles .....                          | 2.660         | 2.730        |
| Building construction:                 |               |              | Tandems .....                          | 2.810         | 2.880        |
| Heavy equipment:                       |               |              | Medium equipment:                      |               |              |
| Cranes (all types), derricks,          |               |              | Hoists .....                           | 2.710         | 2.780        |
| power shovels .....                    | 3.400         | 3.500        | Mixers, other than paving .....        | 2.710         | 2.780        |
| Medium equipment:                      |               |              | Piledrivers .....                      | 2.780         | 2.850        |
| Tournapulls and carryalls .....        | 3.025         | 3.125        | Light equipment:                       |               |              |
| Bulldozers and tractors .....          | 2.775         | 2.875        | Fork lifts or lumber stackers          |               |              |
| Light equipment:                       |               |              | (on construction job site) .....       | 2.660         | 2.730        |
| Welding machines .....                 | 2.950         | 3.050        | Compressors, excavating .....          | 2.460         | 2.530        |
| Compressors and pumps .....            | 2.825         | 2.925        | Heavy construction:                    |               |              |
| Heavy construction:                    |               |              | Heavy equipment:                       |               |              |
| Cranes (all types), power              |               |              | Shovels and cranes, all crawler        |               |              |
| shovels, cableways .....               | 3.400         | 3.500        | and truck types .....                  | 3.010         | 3.080        |
| Medium equipment:                      |               |              | Bulldozers, all .....                  | 2.660         | 2.730        |
| Tournapulls and carryalls .....        | 3.025         | 3.125        | Carryall type scrapers:                |               |              |
| Bulldozers and tractors .....          | 2.775         | 2.875        | Single .....                           | 2.660         | 2.730        |
| Light equipment:                       |               |              | Tandem .....                           | 2.810         | 2.880        |
| Welding machines .....                 | 2.950         | 3.050        | Medium equipment:                      |               |              |
| Compressors and pumps .....            | 2.825         | 2.925        | Hoists .....                           | 2.710         | 2.780        |
| Glaziers .....                         | 2.160         | 2.230        | Mixers, other than paving .....        | 2.710         | 2.780        |
| Inside .....                           | 1.680         | 1.720        | Piledrivers .....                      | 2.780         | 2.850        |
| Lathers .....                          | 2.900         | 2.900        | Light equipment:                       |               |              |
| Marble setters .....                   | 2.900         | 3.050        | Forklifts or lumber stackers           |               |              |
| Mosaic and terrazzo workers .....      | 2.900         | 3.050        | (on construction job site) .....       | 2.660         | 2.730        |
| Painters .....                         | 2.250         | 2.375        | Compressors, excavating .....          | 2.460         | 2.530        |
| Swing .....                            | 2.375         | 2.500        | Glaziers .....                         | 2.380         | 2.380        |
| Steel .....                            | 2.625         | 2.750        | Lathers .....                          | 3.050         | 3.050        |
| Paperhangers .....                     | 2.250         | 2.375        | Marble setters .....                   | 2.900         | 3.150        |
| Plasterers .....                       | 2.900         | 3.000        | Mosaic and terrazzo workers .....      | 2.980         | 2.980        |
| Plumbers .....                         | 2.830         | 2.930        | Painters .....                         | 2.580         | 2.630        |
| Rodmen .....                           | 3.300         | 3.450        | Structural steel .....                 | 2.705         | 2.755        |
| Roofers, composition .....             | 2.575         | 2.675        | Spray .....                            | 2.580         | 2.755        |
| Roofers, slate and tile .....          | 2.575         | 2.675        | Paperhangers .....                     | 2.580         | 2.630        |
| Sheet-metal workers .....              | 2.575         | 2.725        | Plasterers .....                       | 3.150         | 3.150        |
| Steamfitters .....                     | 2.830         | 2.930        | Plumbers .....                         | 2.750         | 3.050        |
| Stonemasons .....                      | 3.000         | 3.100        | Rodmen .....                           | 2.580         | 2.650        |
| Structural-iron workers .....          | 3.400         | 3.550        | Roofers, composition .....             | 2.580         | 2.750        |
| Tile layers .....                      | 2.900         | 3.050        | Roofers, slate and tile .....          | 2.580         | 3.000        |
|  |               |              | Sheet-metal workers .....              | 2.730         | 2.935        |
|  |               |              | Sign painters .....                    | 2.880         | 2.910        |
|  |               |              | Steamfitters .....                     | 2.750         | 3.050        |
|  |               |              | Refrigeration .....                    | 2.900         | 3.050        |
|  |               |              | Stonemasons .....                      | 3.300         | 3.300        |
|  |               |              | Structural-iron workers .....          | 2.780         | 2.850        |
|  |               |              | Finishers .....                        | 2.780         | 2.850        |
|  |               |              | Tile layers .....                      | 2.980         | 3.050        |
|  |               |              |  |               |              |
|  |               |              | <u>Helpers and laborers</u>            |               |              |
|  |               |              | Bricklayers' tenders .....             | 2.430         | 2.550        |
|  |               |              | Building laborers .....                | 2.180         | 2.250        |
|  |               |              | Elevator constructors' helpers .....   | 1.995         | 2.090        |
|  |               |              | Marble setters' helpers .....          | 2.300         | 2.300        |
|  |               |              | Plasterers' laborers .....             | 2.430         | 2.550        |
|  |               |              | Plumbers' laborers .....               | 2.180         | 2.250        |
|  |               |              | Terrazzo workers' helpers .....        | 2.300         | 2.300        |
|  |               |              | Tile layers' helpers .....             | 2.300         | 2.300        |
|  |               |              |  |               |              |
|  |               |              | <u>SEATTLE, WASH.</u>                  |               |              |
|  |               |              | <u>Journeymen</u>                      |               |              |
| Asbestos workers .....                 | 2.800         | 3.050        | Asbestos workers .....                 | 2.750         | 3.000        |
| Boilermakers .....                     | 2.900         | 3.050        | Boilermakers .....                     | 2.900         | 3.050        |
| Bricklayers .....                      | 3.300         | 3.300        | Bricklayers .....                      | 3.250         | 3.320        |
| Sewer and tunnel .....                 | 3.425         | 3.425        | Carpenters .....                       | 2.600         | 2.650        |
| Carpenters .....                       | 2.580         | 2.650        | Millwrights .....                      | 2.800         | 2.850        |
| Floor layers .....                     | 2.710         | 2.780        | Piledrivers .....                      | 2.860         | 2.910        |
| Piledrivers, bridge and dock .....     | 2.630         | 2.750        | Cement finishers .....                 | 2.680         | 2.750        |
| Shinglers .....                        | 2.710         | 2.780        |  |               |              |
| Cement finishers .....                 | 2.580         | 2.720        |  |               |              |
| Floor layers, composition              |               |              |  |               |              |
| and mastic .....                       | 2.630         | 2.820        |  |               |              |
| Electricians (inside wiremen) .....    | 2.870         | 3.000        |  |               |              |
| Elevator constructors .....            | 2.850         | 2.980        |  |               |              |

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                    | Rate per hour |              | Trade or occupation                    | Rate per hour |              |
|--|---------------|--------------|--|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| <b>SPOKANE, WASH. - Continued</b>      |               |              | <b>SPRINGFIELD, MASS. - Continued</b>  |               |              |
| <u>Journeyman - Continued</u>          |               |              | <u>Journeyman - Continued</u>          |               |              |
| Electricians (inside wiremen) .....    | \$ 2.825      | \$ 2.900     | Cement finishers .....                 | \$ 2.975      | \$ 3.075     |
| Elevator constructors .....            | 2.850         | 2.965        | Electricians (inside wiremen) .....    | 2.735         | 2.950        |
| Engineers - Power equipment operators: |               |              | Elevator constructors .....            | 2.840         | 2.910        |
| Building construction:                 |               |              | Engineers - Power equipment operators: |               |              |
| Heavy equipment:                       |               |              | Building construction:                 |               |              |
| Cranes and derricks .....              | 2.900         | 2.900        | Heavy equipment:                       |               |              |
| Hoists - 2 or more drums .....         | 2.650         | 2.650        | Cranes, 3-drum hoists                  |               |              |
| Medium equipment:                      |               |              | and over, power shovels,               |               |              |
| Mixermobiles .....                     | 2.700         | 2.700        | trench machines, and                   |               |              |
| Pumpcretes (linkbelt                   |               |              | piledrivers .....                      | 2.650         | 2.850        |
| or similar) .....                      | 2.650         | 2.650        | Medium equipment:                      |               |              |
| Concrete mixers .....                  | 2.400         | 2.400        | Scrapers and tournapulls .....         | 2.200         | 2.400        |
| Light equipment:                       |               |              | Bulldozers .....                       | 2.150         | 2.400        |
| Compressors - 1 only                   |               |              | Light equipment:                       |               |              |
| (portable) .....                       | 2.250         | 2.250        | 1- and 2-drum hoists,                  |               |              |
| Compressors - 2 or                     |               |              | boilers or compressors .....           | 2.150         | 2.325        |
| more (portable) .....                  | 2.400         | 2.400        | Pumps .....                            | 2.150         | 2.300        |
| Pumps .....                            | 2.250         | 2.250        | Heavy construction:                    |               |              |
| Heavy construction:                    |               |              | Heavy equipment:                       |               |              |
| Heavy equipment:                       |               |              | Cranes, 3-drum hoists                  |               |              |
| Power shovels and shovel               |               |              | and over, power shovels,               |               |              |
| rigged machine (cranes,                |               |              | trench machines, and                   |               |              |
| clamshells, etc.) .....                | 2.900         | 2.900        | piledrivers .....                      | 2.650         | 2.850        |
| Power shovels, 5 yards and             |               |              | Medium equipment:                      |               |              |
| over (factory rating) .....            | 3.300         | 3.300        | Scrapers and tournapulls .....         | 2.200         | 2.400        |
| Tractors .....                         | 2.700         | 2.700        | Bulldozers .....                       | 2.150         | 2.400        |
| Highline cableways .....               | 2.900         | 2.900        | Light equipment:                       |               |              |
| Medium equipment:                      |               |              | 1- and 2-drum hoists,                  |               |              |
| Locomotive (over 20 tons) .....        | 2.800         | 2.800        | boilers or compressors .....           | 2.150         | 2.325        |
| Derricks and piledrivers .....         | 2.900         | 2.900        | Pumps .....                            | 2.150         | 2.300        |
| Traxcavator and similar                |               |              | Glaziers .....                         | 2.450         | 2.450        |
| loaders .....                          | 2.700         | 2.700        | Lathers .....                          | 2.640         | 2.940        |
| Light equipment:                       |               |              | Marble setters .....                   | 2.975         | 3.075        |
| Compressors - 1 only                   |               |              | Mosaic and terrazzo workers .....      | 2.975         | 3.075        |
| (portable) .....                       | 2.250         | 2.250        | Painters .....                         | 2.325         | 2.425        |
| Compressors - 2 or                     |               |              | Spray .....                            | 1 3.075       | 1 3.233      |
| more (portable) .....                  | 2.400         | 2.400        | Paperhangers .....                     | 2.325         | 2.425        |
| Pumps .....                            | 2.250         | 2.250        | Plasterers .....                       | 2.975         | 3.075        |
| Glaziers .....                         | 2.330         | 2.380        | Plumbers .....                         | 2.725         | 2.900        |
| Lathers .....                          | 2.875         | 2.875        | Rodmen .....                           | 3.055         | 3.180        |
| Marble setters .....                   | 3.080         | 3.150        | Roofers, composition .....             | 2.550         | 2.600        |
| Millwrights .....                      | 2.800         | 2.850        | Roofers, slate and tile .....          | 2.725         | 2.825        |
| Mosaic and terrazzo workers .....      | 2.970         | 3.040        | Sheet-metal workers .....              | 2.725         | 2.825        |
| Painters .....                         | 2.575         | 2.575        | Steamfitters .....                     | 2.700         | 2.800        |
| Spray .....                            | 2.675         | 2.675        | Stonemasons .....                      | 2.975         | 3.075        |
| Structural steel .....                 | 2.675         | 2.675        | Structural-iron workers .....          | 3.055         | 3.180        |
| Paperhangers .....                     | 2.575         | 2.575        | Tile layers .....                      | 2.975         | 3.075        |
| Plasterers .....                       | 3.125         | 3.125        |  |               |              |
| Plumbers .....                         | 2.750         | 3.050        | <u>Helpers and laborers</u>            |               |              |
| Rodmen .....                           | 2.600         | 2.670        | Bricklayers' tenders .....             | 2.020         | 2.120        |
| Roofers, composition .....             | 2.405         | 2.600        | Building laborers .....                | 1.750         | 1.850        |
| Roofers, slate and tile .....          | 2.530         | 2.880        | Composition roofers' helpers .....     | 1.825         | 1.925        |
| Sheet-metal workers .....              | 2.625         | 2.700        | Elevator constructors' helpers .....   | 1.990         | 2.037        |
| Steamfitters .....                     | 2.750         | 2.750        | Marble setters' helpers .....          | 2.020         | 2.195        |
| Stonemasons .....                      | 3.250         | 3.320        | Plasterers' laborers .....             | 2.020         | 2.120        |
| Structural-iron workers .....          | 2.750         | 2.820        | Terrazzo workers' helpers .....        | 2.020         | 2.195        |
| Finishers .....                        | 2.750         | 2.820        | Tile layers' helpers .....             | 2.020         | 2.195        |
| Tile layers .....                      | 2.970         | 3.040        |  |               |              |
| <u>Helpers and laborers</u>            |               |              | <b>SYRACUSE, N. Y.</b>                 |               |              |
| Bricklayers' tenders .....             | 2.500         | 2.500        | <u>Journeyman</u>                      |               |              |
| Building laborers .....                | 2.000         | 2.100        | Asbestos workers .....                 | 2.875         | 2.975        |
| Elevator constructors' helpers .....   | 2.000         | 2.075        | Boilermakers .....                     | 3.150         | 3.150        |
| Marble setters' helpers .....          | 2.500         | 2.500        | Bricklayers .....                      | 3.100         | 3.200        |
| Plasterers' laborers .....             | 2.580         | 2.580        | Carpenters .....                       | 2.670         | 2.820        |
| Terrazzo workers' helpers .....        | 2.500         | 2.500        | Cement finishers .....                 | 2.725         | 2.825        |
| Tile layers' helpers .....             | 2.500         | 2.500        | Electricians (inside wiremen) .....    | 3.050         | 3.200        |
|  |               |              | Elevator constructors .....            | 2.900         | 3.010        |
| <b>SPRINGFIELD, MASS.</b>              |               |              | Engineers - Power equipment operators: |               |              |
| <u>Journeyman</u>                      |               |              | Building construction:                 |               |              |
| Asbestos workers .....                 | 2.710         | 2.850        | Heavy equipment:                       |               |              |
| Boilermakers .....                     | 2.750         | 3.000        | Cranes, piledrivers, and               |               |              |
| Bricklayers .....                      | 2.975         | 3.075        | 2- and 3-drum hoists .....             | 3.100         | 3.200        |
| Carpenters .....                       | 2.425         | 2.525        |  |               |              |

See footnotes at end of table.



TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                                | Rate per hour |              | Trade or occupation                                | Rate per hour |              |
|--|---------------|--------------|--|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |  | July 1, 1953  | July 1, 1954 |
| SYRACUSE, N. Y. - Continued                        |               |              | TOLEDO, OHIO - Continued                           |               |              |
| <u>Journeyman - Continued</u>                      |               |              | <u>Journeyman - Continued</u>                      |               |              |
| Engineers - Power equipment operators: - Continued |               |              | Engineers - Power equipment operators: - Continued |               |              |
| Building construction: - Continued                 |               |              | Building construction: - Continued                 |               |              |
| Medium equipment:                                  |               |              | Light equipment:                                   |               |              |
| 1 drum hoists and pumps (4 inches and over) .....  | \$2.850       | \$2.950      | Bulldozers .....                                   | \$2.820       | \$2.920      |
| Compressors .....                                  | 2.550         | 2.650        | Pumps, 4 inches and over .....                     | 2.685         | 2.785        |
| Light equipment:                                   |               |              | Pumps, under 4 inches .....                        | 2.270         | 2.370        |
| Welding machines, lighting plants .....            | 2.550         | 2.650        | Compressors .....                                  | 2.685         | 2.785        |
| Harmon Nelson heaters or their equivalent .....    | 2.300         | 2.400        | Heavy construction:                                |               |              |
| Heavy construction:                                |               |              | Heavy equipment:                                   |               |              |
| Power shovels .....                                | 3.100         | 3.200        | Cranes (all types) .....                           | 3.100         | 3.200        |
| Power cranes .....                                 | 3.100         | 3.200        | Power shovels .....                                | 3.100         | 3.200        |
| Scrapers .....                                     | 2.850         | 2.950        | Derricks .....                                     | 3.100         | 3.200        |
| Medium equipment:                                  |               |              | Medium equipment:                                  |               |              |
| Bulldozers .....                                   | 2.550         | 2.650        | Power graders .....                                | 2.820         | 2.920        |
| Compressors (over 500 cubic feet) .....            | 2.550         | 2.650        | Rollers .....                                      | 2.460         | 2.560        |
| Pumps (over 4 inches) .....                        | 2.850         | 2.950        | Trench machines .....                              | 2.820         | 2.920        |
| Light equipment:                                   |               |              | Light equipment:                                   |               |              |
| Compressors (under 500 cubic feet) .....           | 2.550         | 2.650        | Bulldozers .....                                   | 2.820         | 2.920        |
| Mixers (under 16S) .....                           | 2.550         | 2.650        | Pumps, 4 inches and over .....                     | 2.685         | 2.785        |
| Tractors .....                                     | 2.550         | 2.650        | Pumps, under 4 inches .....                        | 2.270         | 2.370        |
| Glaziers .....                                     | 2.250         | 2.500        | Compressors .....                                  | 2.685         | 2.785        |
| Lathers .....                                      | 3.000         | 3.100        | Glaziers .....                                     | 2.550         | 2.600        |
| Marble setters .....                               | 2.750         | 2.850        | Lathers .....                                      | 3.100         | 3.200        |
| Mosaic and terrazzo workers .....                  | 2.750         | 2.850        | Marble setters .....                               | 3.210         | 3.310        |
| Painters .....                                     | 2.350         | 2.500        | Mosaic and terrazzo workers .....                  | 3.030         | * 3.030      |
| Spray .....  | 2.600         | 2.750        | Painters, brush .....                              | 2.720         | 2.820        |
| Structural steel .....                             | 2.600         | 2.800        | Spray .....  | 3.020         | 3.120        |
| Plasterers .....                                   | 3.000         | 3.100        | Brush, swing .....                                 | 2.970         | 3.070        |
| Plumbers .....                                     | 2.925         | 2.980        | Spray, swing .....                                 | 3.270         | 3.370        |
| Roofers .....                                      | 2.560         | 2.750        | Paperhangers .....                                 | 2.720         | 2.820        |
| Sheet-metal workers .....                          | 2.725         | 2.825        | Plasterers .....                                   | 3.100         | 3.200        |
| Sign painters .....                                | 2.500         | 2.650        | Plumbers .....                                     | 3.100         | 3.200        |
| Steamfitters .....                                 | 3.000         | 3.000        | Rodmen .....                                       | 2.920         | 3.020        |
| Structural-iron workers .....                      | 2.890         | 3.050        | Roofers, composition and built-up moppers .....    | 2.700         | 2.800        |
| Tile layers .....                                  | 2.750         | 2.850        | Roofers, slate and tile .....                      | 2.700         | 2.800        |
|  |               |              | Sheet-metal workers .....                          | 2.830         | 2.930        |
|  |               |              | Sign painters .....                                | 2.573         | * 2.573      |
|  |               |              | Steamfitters .....                                 | 3.100         | 3.200        |
|  |               |              | Stonemasons .....                                  | 3.210         | 3.310        |
|  |               |              | Structural-iron workers and finishers .....        | 3.100         | 3.200        |
|  |               |              | Tile layers .....                                  | 3.030         | * 3.030      |
|  |               |              |  |               |              |
| <u>Helpers and laborers</u>                        |               |              | <u>Helpers and laborers</u>                        |               |              |
| Building laborers .....                            | 1.950         | 2.050        | Bricklayers' tenders and mortar mixers .....       | 2.350         | 2.450        |
| Elevator constructors' helpers .....               | 2.030         | 2.105        | Building laborers .....                            | 2.220         | 2.320        |
| Marble setters' helpers .....                      | 2.050         | 2.150        | Elevator constructors' helpers .....               | 2.140         | 2.200        |
| Steamfitters' helpers .....                        | 2.050         | 2.050        | Marble setters' helpers .....                      | 2.025         | 2.125        |
| Terrazzo workers' helpers .....                    | 2.050         | 2.150        | Plasterers' tenders .....                          | 2.400         | 2.500        |
| Tile layers' helpers .....                         | 2.050         | 2.150        | Terrazzo workers' helpers .....                    | 2.025         | 2.125        |
|  |               |              | Base grinders .....                                | 2.235         | 2.335        |
|  |               |              | Tile layers' helpers .....                         | 2.025         | 2.125        |
|  |               |              |  |               |              |
| TOLEDO, OHIO                                       |               |              | WASHINGTON, D. C.                                  |               |              |
| <u>Journeyman</u>                                  |               |              | <u>Journeyman</u>                                  |               |              |
| Asbestos workers .....                             | 2.990         | 3.130        | Asbestos workers .....                             | 3.025         | 3.125        |
| Boilermakers .....                                 | 3.100         | 3.200        | Boilermakers .....                                 | 3.000         | 3.050        |
| Bricklayers .....                                  | 3.210         | 3.310        | Bricklayers:                                       |               |              |
| Carpenters .....                                   | 2.890         | 3.050        | Commercial .....                                   | 3.300         | 3.500        |
| Cement finishers .....                             | 3.100         | 3.200        | Residential .....                                  | 3.300         | 3.300        |
| Electricians (inside wiremen) .....                | 3.100         | 3.200        | Carpenters .....                                   | 2.875         | 3.000        |
| Fixture hangers .....                              | 2.950         | 3.050        | Piledrivers .....                                  | 3.000         | 3.125        |
| Elevator constructors .....                        | 3.060         | 3.120        | Cement finishers .....                             | 2.800         | 2.800        |
| Engineers - Power equipment operators:             |               |              | Electricians (inside wiremen) .....                | 3.250         | 3.400        |
| Building construction:                             |               |              | Elevator constructors .....                        | 3.175         | 3.290        |
| Heavy equipment:                                   |               |              | Engineers - Power equipment operators:             |               |              |
| Cranes (all types) .....                           | 3.100         | 3.200        | Heavy equipment:                                   |               |              |
| Power shovels .....                                | 3.100         | 3.200        | Cranes, shovels, and piledrivers .....             | 3.050         | 3.200        |
| Derricks .....                                     | 3.100         | 3.200        |  |               |              |
| Medium equipment:                                  |               |              |  |               |              |
| Power graders .....                                | 2.820         | 2.920        |  |               |              |
| Rollers, asphalt .....                             | 2.460         | 2.560        |  |               |              |
| Trench machines .....                              | 2.820         | 2.920        |  |               |              |

\* This rate in effect prior to July 1, 1954; new scale in negotiation at time of survey.

TABLE 13.—Union scales of wages and hours for building trades in 52 cities, July 1, 1953 and July 1, 1954 - Continued

| Trade or occupation                                | Rate per hour |              | Trade or occupation                   | Rate per hour |              |
|--|---------------|--------------|---------------------------------------|---------------|--------------|
|  | July 1, 1953  | July 1, 1954 |                                       | July 1, 1953  | July 1, 1954 |
| WASHINGTON, D. C. - Continued                      |               |              | WASHINGTON, D. C. - Continued         |               |              |
| Journeyman - Continued                             |               |              | Journeyman - Continued                |               |              |
| Engineers - Power equipment operators: - Continued |               |              | Roofers, slate and tile -----         | \$2.650       | \$2.700      |
| Medium equipment:                                  |               |              | Sheet-metal workers -----             | 3.025         | 3.125        |
| Hoists (double drum) -----                         | \$3.050       | \$3.200      | Sign painters -----                   | 2.500         | 2.500        |
| Trench machines -----                              | 2.790         | 2.940        | Sprinkler fitters -----               | 2.600         | 2.900        |
| Hoists (single drum) -----                         | 3.050         | 3.200        | Steam fitters -----                   | 2.900         | 3.120        |
| Light equipment:                                   |               |              | Refrigeration and oil burner fitters: |               |              |
| Compressors and pumps -----                        | 2.620         | 2.770        | 5 horsepower or less -----            | 2.350         | 2.500        |
| Bulldozers -----                                   | 2.400         | 2.550        | Over 5 horsepower -----               | 2.900         | 3.120        |
| Glaziers -----                                     | 2.600         | 2.750        | Stonemasons -----                     | 3.400         | 3.400        |
| Lathers -----                                      | 3.450         | 3.450        | Structural-iron workers -----         | 3.350         | 3.450        |
| Machinists -----                                   | 2.850         | 3.000        | Tile layers -----                     | 3.125         | 3.250        |
| Marble setters -----                               | 3.300         | 3.300        |                                       |               |              |
| Mosaic and terrazzo workers -----                  | 3.125         | 3.250        | <u>Helpers and laborers</u>           |               |              |
| Painters -----                                     | 2.670         | 2.670        | Building laborers -----               | 1.775         | 1.875        |
| Bridge, structural steel, swing stage -----        | 3.000         | 3.000        | Composition roofers' helpers -----    | 1.800         | 1.850        |
| Spray -----  | 2.670         | 2.670        | Elevator constructors' helpers -----  | 2.220         | 2.300        |
| Paperhangers -----                                 | 2.670         | 2.670        | Marble setters' helpers -----         | 2.200         | 2.300        |
| Plasterers -----                                   | 3.425         | 3.425        | Plasterers' laborers -----            | 2.150         | 2.150        |
| Plumbers -----                                     | 2.900         | 3.120        | Plumbers' laborers -----              | 1.900         | 1.900        |
| Rodmen -----                                       | 2.900         | 3.000        | Terrazzo workers' helpers -----       | 2.200         | 2.300        |
| Roofers, composition -----                         | 2.250         | 2.300        | Tile layers' helpers -----            | 2.200         | 2.300        |

<sup>1</sup> 30-hour workweek.

<sup>2</sup> 48-hour workweek.

<sup>3</sup> Information not available for rate and hour on July 1, 1953.

<sup>4</sup> 35-hour workweek.

<sup>5</sup> 44-hour workweek.