

UNITED STATES DEPARTMENT OF LABOR

L. B. Schwellenbach, Secretary

BUREAU OF LABOR STATISTICS

Ewan Clague, Commissioner

**Union Wages and Hours in
the Building Trades
July 1, 1946**



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Letter of Transmittal

UNITED STATES DEPARTMENT OF LABOR,
BUREAU OF LABOR STATISTICS,
Washington, D. C., May 4, 1947.

THE SECRETARY OF LABOR:

I have the honor to transmit herewith the annual report on union wages and hours in the building trades, as of July 1, 1946.

This report was prepared in the Bureau's Wage Analysis Branch by Donald H. Gerrish assisted by James P. Corkery and Herbert M. Abowitz. The section on the Wage Adjustment Board was prepared by Dorothy K. Newman.

EWAN CLAGUE, *Commissioner.*

HON. L. B. SCHWELLENBACH,
Secretary of Labor.

(II)

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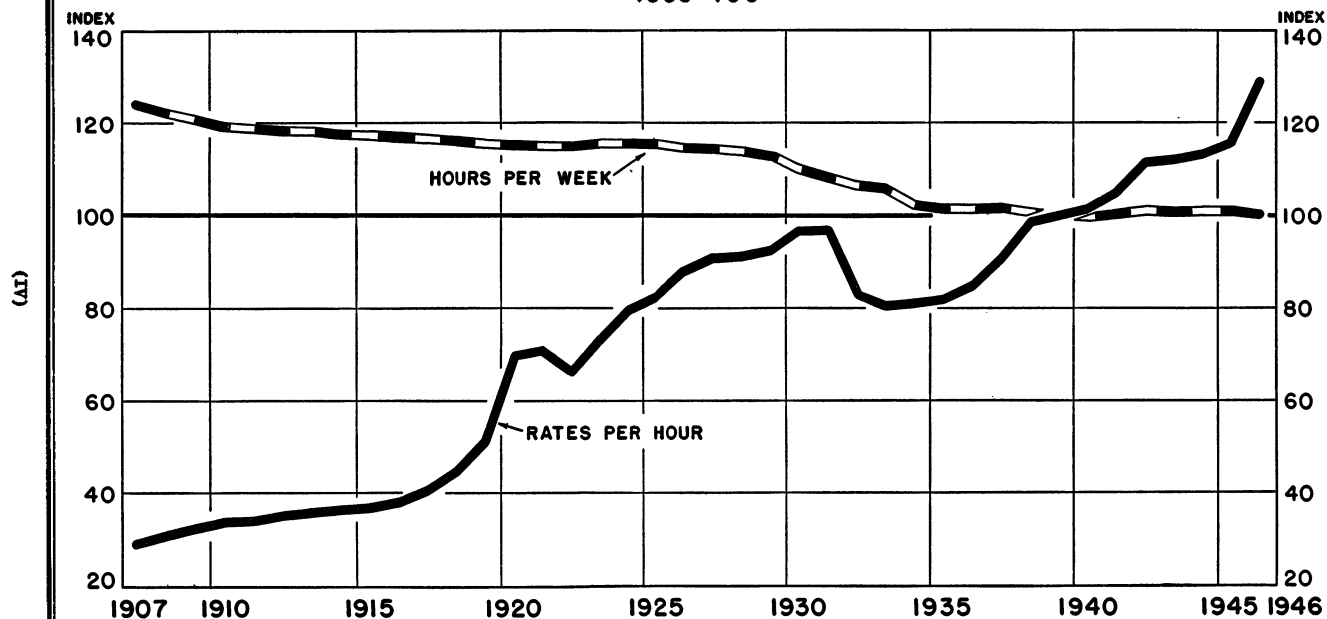
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(III)

CHART 1

UNION WAGE RATES AND HOURS IN BUILDING TRADES

1939=100



UNITED STATES DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS

*Bulletin No. 910 of the
United States Bureau of Labor Statistics*

[Reprinted from the MONTHLY LABOR REVIEW, January 1947, with additional data]

**Union Wages and Hours in the Building Trades,
July 1, 1946**

Summary

HOURLY union wage rates for building-trades journeymen averaged \$1.79 an hour on July 1, 1946, and for helpers and laborers \$1.14. Bricklayers showed the highest average (\$2.06 an hour). Between 1945 and 1946 over 95 percent of the workers received a wage-rate increase of at least 10 percent. Among the 75 cities studied, Charlotte, N. C., had the greatest average increase in journeyman rates (17 percent), and Charleston, S. C., had the most substantial advance for helpers and laborers (42 percent).

Straight-time weekly hours, averaging 39.1 for journeymen and 39.5 for helpers and laborers, represented about a 1-percent reduction during the year. Approximately three-fifths of the journeymen and one-fourth of the helpers received double-time rates for overtime; about 90 percent of both groups received double pay for Sunday work.

Scope and Method of Study

This article is based on effective union scales (as of July 1, 1946). These are defined as the minimum wage rates or maximum schedule of hours agreed upon through collective bargaining between employers and trade-unions. Rates in excess of the agreed minimum may be paid to union members because of long service, special qualifications, or for personal or other reasons. These premium rates were not used in the preparation of this report. Field representatives of the Bureau obtained 2,759 quotations of scales covering 509,331 journeymen and 117,290 helpers employed in 75 cities ranging in size from 40,000 to over 1,000,000.

The 1946 survey took place during the short interval when all wage and price controls were suspended by virtue of the Presidential veto of the bill extending the Price Control Act.¹ In general, the scales reported by the union officials as effective on July 1 had received prior approval of the Wage Adjustment Board for the building construction industry. For 64 cases in which higher rates were reported on July 1 than had been previously authorized, the subsequent

¹ H. R. 6042 (79th Cong., 2d sess.) was vetoed June 29, 1946. This bill also provided for the extension of the Stabilization Act.

restoration of controls legalized the higher rates in over 40 percent of the instances and rolled back the remainder to lower levels. Comparison of the last authorized rates with those reported on July 1 indicated that had wage controls been operative on the survey date, hourly average wage rates for journeymen and helpers would have been about 0.7 percent and 1.0 percent less, respectively. It is recognized, however, that the 64 cases are too few to permit any adequate generalization.

Union Hourly Wage Rates

TREND OF UNION WAGE RATES, 1907-46 ²

The annual increase of more than 11 percent in rate of pay, shown on July 1, 1946, was the largest percentage change recorded over a single year since 1920 (table 1). Practically all this advance took place after VJ-day. During the war and the early reconversion period, the effectiveness of the Wage Adjustment Board in stabilizing wage rates for the building construction industry is evidenced by the following facts: Between 1941 and 1945 hourly rates in this industry increased only 10 percent (amounting to about 14 cents an hour), in contrast with a 35-percent rise (about 18 cents an hour) for a comparable period in World War I (1916-19). From the time wage controls were adopted in July 1942 until July 1945, building hourly rates rose only slightly less than 4 percent.

TABLE 1.—*Indexes of union hourly wage rates in all building trades, 1907-46*
[1939=100]

| Year | All trades | Journeymen | Helpers and laborers | Year | All trades | Journeymen | Helpers and laborers |
|-----------|------------|------------|----------------------|-----------|------------|------------|----------------------|
| 1907..... | 29.3 | 29.7 | 27.3 | 1927..... | 91.3 | 91.7 | 86.4 |
| 1908..... | 31.2 | 31.6 | 28.5 | 1928..... | 91.9 | 92.4 | 87.3 |
| 1909..... | 32.7 | 33.2 | 29.5 | 1929..... | 93.1 | 93.6 | 88.8 |
| 1910..... | 34.0 | 34.6 | 30.5 | 1930..... | 97.0 | 97.5 | 93.3 |
| 1911..... | 34.5 | 35.2 | 30.6 | 1931..... | 97.3 | 97.8 | 92.8 |
| 1912..... | 35.3 | 36.0 | 30.9 | 1932..... | 83.1 | 83.6 | 79.2 |
| 1913..... | 36.1 | 36.9 | 31.8 | 1933..... | 80.8 | 81.4 | 75.7 |
| 1914..... | 36.9 | 37.7 | 32.1 | 1934..... | 81.4 | 81.8 | 77.9 |
| 1915..... | 37.2 | 38.0 | 32.4 | 1935..... | 82.3 | 82.8 | 78.3 |
| 1916..... | 38.4 | 39.3 | 33.5 | 1936..... | 85.3 | 85.5 | 82.9 |
| 1917..... | 40.8 | 41.5 | 36.8 | 1937..... | 91.2 | 91.4 | 90.1 |
| 1918..... | 45.3 | 45.9 | 42.6 | 1938..... | 99.3 | 99.3 | 99.2 |
| 1919..... | 51.9 | 52.4 | 49.3 | 1939..... | 100.0 | 100.0 | 100.0 |
| 1920..... | 70.0 | 70.1 | 71.5 | 1940..... | 101.6 | 101.4 | 102.0 |
| 1921..... | 71.3 | 71.4 | 72.2 | 1941..... | 105.3 | 105.0 | 106.8 |
| 1922..... | 66.9 | 67.3 | 65.7 | 1942..... | 111.9 | 110.9 | 117.5 |
| 1923..... | 73.9 | 74.2 | 69.7 | 1943..... | 112.7 | 111.5 | 118.9 |
| 1924..... | 79.8 | 80.1 | 75.4 | 1944..... | 113.6 | 112.4 | 120.3 |
| 1925..... | 82.9 | 83.1 | 77.9 | 1945..... | 116.0 | 114.4 | 125.9 |
| 1926..... | 88.3 | 88.7 | 84.9 | 1946..... | 129.3 | 126.8 | 146.3 |

² The Bureau has computed an index series with the year 1939 as a base for measuring changes in scales from year to year. This index series, rather than the actual average of rates in this and previous reports, should be used to determine the trend of hourly wage rates because of changes in coverage and shifts in union membership between two periods.

TABLE 2.—Indexes of union hourly wage rates in each building trade, 1907 to 1946

[1939=100]

| Year | Asbestos workers | Boiler-makers | Brick-layers | Carpenters | Cement finishers | Electricians (inside wire-men) | Elevator constructors | Gla-ziers | Gran-ite cutters |
|------|------------------|---------------|--------------|------------|------------------|--------------------------------|-----------------------|-----------|------------------|
| 1907 | | | 37.7 | 29.8 | 34.5 | 27.9 | | | 37.5 |
| 1908 | | | 38.7 | 31.7 | 34.4 | 30.5 | | | 37.7 |
| 1909 | | | 39.5 | 33.4 | 35.4 | 31.5 | | | 38.3 |
| 1910 | | | 40.2 | 35.0 | 35.8 | 32.4 | | | 38.5 |
| 1911 | | | 40.2 | 35.5 | 37.2 | 32.8 | | | 38.6 |
| 1912 | | | 40.8 | 36.3 | 37.2 | 33.1 | | | 39.0 |
| 1913 | | | 41.5 | 36.8 | 38.0 | 33.8 | | | 41.0 |
| 1914 | | | 42.5 | 37.4 | 38.4 | 34.9 | 38.2 | | 41.2 |
| 1915 | | | 42.6 | 37.8 | 38.8 | 35.6 | 38.4 | | 41.5 |
| 1916 | 36.1 | | 43.0 | 39.0 | 39.1 | 36.3 | 39.4 | | 43.2 |
| 1917 | 38.0 | | 44.5 | 42.4 | 41.4 | 38.7 | 42.2 | | 44.8 |
| 1918 | 42.5 | | 47.8 | 47.1 | 45.7 | 43.0 | 44.9 | 40.6 | 53.4 |
| 1919 | 51.7 | | 53.1 | 54.2 | 41.2 | 49.3 | 52.3 | 43.4 | 63.1 |
| 1920 | 67.2 | | 72.4 | 72.5 | 69.6 | 65.0 | 67.2 | 62.8 | 77.8 |
| 1921 | 68.1 | | 71.9 | 73.1 | 71.9 | 67.3 | 70.7 | 63.9 | 85.7 |
| 1922 | 63.4 | | 70.0 | 67.7 | 66.7 | 63.5 | 66.1 | 64.0 | 85.5 |
| 1923 | 65.8 | | 79.2 | 75.5 | 73.0 | 65.9 | 70.2 | 67.9 | 87.1 |
| 1924 | 73.4 | | 83.8 | 80.8 | 80.7 | 73.6 | 78.8 | 71.6 | 87.8 |
| 1925 | 76.4 | | 88.7 | 82.5 | 81.1 | 77.4 | 82.6 | 79.6 | 88.8 |
| 1926 | 81.7 | | 94.1 | 88.5 | 86.6 | 81.5 | 87.0 | 80.7 | 100.0 |
| 1927 | 85.7 | | 96.4 | 91.4 | 90.4 | 84.9 | 90.2 | 86.2 | 99.4 |
| 1928 | 86.3 | | 97.2 | 91.7 | 89.5 | 85.7 | 91.1 | 87.2 | 100.5 |
| 1929 | 90.3 | | 99.4 | 93.2 | 89.5 | 89.3 | 91.3 | 88.5 | 102.4 |
| 1930 | 95.4 | | 101.8 | 96.9 | 95.4 | 90.9 | 95.6 | 92.6 | 107.6 |
| 1931 | 96.4 | | 101.6 | 97.1 | 95.8 | 92.1 | 96.1 | 93.2 | 107.7 |
| 1932 | 80.3 | | 87.0 | 79.6 | 83.6 | 87.9 | 89.4 | 78.0 | 96.4 |
| 1933 | 80.1 | | 84.7 | 79.4 | 81.6 | 80.3 | 83.1 | 77.9 | 92.8 |
| 1934 | 80.0 | | 85.0 | 80.8 | 82.4 | 80.4 | 83.3 | 82.5 | 92.7 |
| 1935 | 81.0 | | 83.7 | 81.8 | 82.9 | 84.3 | 83.4 | 83.3 | 92.6 |
| 1936 | 84.3 | | 84.2 | 86.0 | 85.0 | 86.5 | 84.4 | 84.5 | 92.6 |
| 1937 | 90.8 | 90.1 | 90.1 | 91.6 | 91.2 | 90.3 | 87.7 | 92.6 | 93.1 |
| 1938 | 99.5 | 99.4 | 99.5 | 99.8 | 99.6 | 99.5 | 98.4 | 99.3 | 98.6 |
| 1939 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1940 | 101.1 | 101.5 | 102.2 | 102.5 | 100.9 | 101.7 | 101.5 | 101.1 | 100.0 |
| 1941 | 104.8 | 103.4 | 104.6 | 104.8 | 104.5 | 106.3 | 103.8 | 104.3 | 103.5 |
| 1942 | 112.5 | 109.9 | 108.3 | 112.1 | 110.8 | 113.5 | 109.7 | 108.8 | 113.5 |
| 1943 | 112.8 | 110.1 | 108.7 | 112.5 | 112.0 | 113.8 | 110.7 | 109.6 | 113.6 |
| 1944 | 113.3 | 110.1 | 110.0 | 113.4 | 113.1 | 114.7 | 111.3 | 110.2 | 118.0 |
| 1945 | 114.5 | 111.2 | 112.7 | 115.4 | 114.2 | 116.9 | 112.0 | 112.2 | 118.0 |
| 1946 | 125.8 | 120.0 | 125.6 | 129.7 | 128.2 | 124.9 | 119.3 | 123.4 | 142.2 |

| Year | Lathers | Machinists | Marble setters | Mosaic and terrazzo workers | Painters | Paper-hangers | Plas-terers | Plumb-ers and gas fitters | Rod-men |
|------|---------|------------|----------------|-----------------------------|----------|---------------|-------------|---------------------------|---------|
| 1907 | | | 37.1 | | 26.2 | | 37.3 | 33.3 | |
| 1908 | | | 37.5 | | 29.0 | | 37.2 | 33.7 | |
| 1909 | | | 37.7 | | 31.0 | | 37.5 | 34.2 | |
| 1910 | | | 38.2 | | 33.0 | | 37.9 | 34.5 | |
| 1911 | | | 38.6 | | 33.6 | | 38.1 | 36.5 | |
| 1912 | 33.8 | | 38.7 | | 34.0 | | 38.9 | 36.7 | |
| 1913 | 34.6 | | 41.3 | | 35.5 | | 39.3 | 37.9 | |
| 1914 | 35.2 | | 41.7 | | 36.7 | | 39.4 | 38.4 | |
| 1915 | 35.7 | | 42.1 | | 36.9 | | 39.6 | 38.7 | |
| 1916 | 36.7 | | 42.3 | 35.1 | 40.3 | | 41.0 | 39.0 | |
| 1917 | 38.1 | | 42.3 | 36.9 | 41.5 | | 42.2 | 40.4 | |
| 1918 | 41.2 | | 44.5 | 39.9 | 45.8 | | 44.5 | 44.6 | |
| 1919 | 45.8 | | 49.5 | 42.9 | 53.6 | | 51.3 | 50.4 | |
| 1920 | 65.3 | | 65.4 | 63.4 | 73.0 | | 67.0 | 65.2 | |
| 1921 | 66.3 | | 66.5 | 64.6 | 75.1 | | 70.7 | 68.2 | |
| 1922 | 62.3 | | 65.1 | 62.7 | 70.3 | | 67.9 | 63.4 | |
| 1923 | 68.8 | | 73.6 | 64.2 | 77.1 | | 75.6 | 70.0 | |
| 1924 | 74.2 | | 77.0 | 75.8 | 81.2 | | 84.7 | 76.3 | |
| 1925 | 80.9 | | 78.6 | 79.7 | 85.7 | | 86.1 | 77.9 | |
| 1926 | 83.0 | | 87.9 | 81.4 | 90.9 | | 92.4 | 83.9 | |

TABLE 2.—Indexes of union hourly wage rates in each building trade, 1907 to 1946—Con.

[1939=100]

| Year | Lathers | Machinists | Marble setters | Mosaic and terrazzo workers | Painters | Paper-hangers | Plasterers | Plumbers and gas fitters | Rodmen |
|------|---------------------|------------------------|---------------------|-----------------------------|-----------------------------|---------------|-------------|--------------------------------------|-------------|
| 1927 | 86.3 | | 89.8 | 84.7 | 93.9 | | 94.4 | 85.6 | |
| 1928 | 86.6 | | 90.2 | 88.7 | 95.4 | | 94.6 | 87.4 | |
| 1929 | 85.9 | | 96.6 | 93.0 | 95.2 | | 93.5 | 88.1 | |
| 1930 | 89.6 | | 96.9 | 97.4 | 100.6 | | 98.1 | 91.5 | |
| 1931 | 89.1 | | 97.4 | 98.2 | 101.0 | | 97.9 | 92.6 | |
| 1932 | 80.0 | | 89.2 | 91.4 | 85.3 | | 81.4 | 80.5 | |
| 1933 | 77.1 | | 86.2 | 83.3 | 83.6 | | 78.2 | 79.8 | |
| 1934 | 79.1 | | 85.8 | 84.5 | 82.3 | | 79.1 | 80.5 | |
| 1935 | 80.0 | | 86.4 | 84.5 | 82.6 | | 80.0 | 81.8 | |
| 1936 | 82.0 | | 86.9 | 84.7 | 86.8 | | 80.5 | 83.9 | |
| 1937 | 87.5 | 93.7 | 91.9 | 88.7 | 93.0 | 97.8 | 88.7 | 88.5 | 90.2 |
| 1938 | 96.8 | 99.8 | 99.7 | 98.6 | 99.2 | 99.5 | 99.2 | 99.1 | 99.0 |
| 1939 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1940 | 100.7 | 100.4 | 101.6 | 100.5 | 100.2 | 100.8 | 100.5 | 101.6 | 101.2 |
| 1941 | 104.5 | 103.2 | 101.9 | 101.4 | 106.9 | 107.5 | 102.2 | 106.0 | 106.4 |
| 1942 | 109.1 | 108.5 | 103.8 | 104.6 | 110.5 | 112.3 | 105.0 | 110.5 | 111.0 |
| 1943 | 109.2 | 111.0 | 104.3 | 106.3 | 112.4 | 112.6 | 105.2 | 110.9 | 111.6 |
| 1944 | 110.0 | 111.6 | 105.4 | 107.8 | 113.5 | 114.1 | 105.9 | 111.5 | 112.1 |
| 1945 | 111.5 | 111.6 | 109.3 | 109.8 | 115.1 | 114.6 | 107.6 | 114.0 | 114.4 |
| 1946 | 124.2 | 124.4 | 121.4 | 124.2 | 127.3 | 127.4 | 119.0 | 123.2 | 126.3 |
| Year | Roofers—composition | Roofers—slate and tile | Sheet-metal workers | Sign painters | Steam and sprinkler fitters | Stone-cutters | Stonemasons | Structural-iron workers ¹ | Tile layers |
| 1907 | | | 30.6 | | 30.1 | 39.5 | 33.9 | 27.9 | |
| 1908 | | | 31.3 | | 30.5 | 39.6 | 34.4 | 30.4 | |
| 1909 | | | 31.4 | | 34.7 | 39.6 | 34.5 | 32.6 | |
| 1910 | | | 32.3 | | 32.2 | 39.8 | 34.8 | 34.7 | |
| 1911 | | | 33.3 | | 33.2 | 39.9 | 35.2 | 35.5 | |
| 1912 | | | 34.1 | | 33.8 | 40.0 | 35.5 | 36.1 | 40.1 |
| 1913 | | | 35.6 | 40.8 | 35.0 | 41.0 | 36.7 | 37.3 | 42.1 |
| 1914 | 31.4 | 35.4 | 36.9 | 41.0 | 35.7 | 42.6 | 37.8 | 38.0 | 42.3 |
| 1915 | 32.3 | 36.8 | 37.4 | 41.0 | 36.5 | 42.9 | 38.2 | 38.0 | 42.5 |
| 1916 | 32.5 | 37.8 | 38.0 | 41.8 | 37.2 | 43.3 | 38.8 | 38.6 | 43.1 |
| 1917 | 34.3 | 40.3 | 39.7 | 43.6 | 38.6 | 45.4 | 40.2 | 40.9 | 45.3 |
| 1918 | 38.9 | 44.2 | 46.5 | 47.7 | 42.2 | 48.4 | 44.1 | 46.8 | 46.6 |
| 1919 | 43.2 | 50.3 | 51.3 | 57.3 | 47.4 | 57.5 | 49.5 | 52.7 | 50.8 |
| 1920 | 61.5 | 65.0 | 68.8 | 77.3 | 62.6 | 75.3 | 69.0 | 66.8 | 68.4 |
| 1921 | 64.4 | 70.8 | 71.3 | 80.2 | 63.4 | 77.4 | 70.7 | 68.1 | 67.8 |
| 1922 | 61.6 | 67.7 | 66.1 | 79.5 | 61.9 | 74.3 | 65.8 | 61.8 | 66.7 |
| 1923 | 62.4 | 75.5 | 71.2 | 85.8 | 65.0 | 81.0 | 77.8 | 65.9 | 72.9 |
| 1924 | 72.3 | 83.6 | 78.2 | 97.8 | 74.5 | 87.0 | 82.5 | 74.6 | 82.7 |
| 1925 | 74.5 | 87.5 | 80.8 | 98.8 | 78.4 | 90.7 | 84.1 | 75.4 | 84.7 |
| 1926 | 81.0 | 90.3 | 86.3 | 98.3 | 84.9 | 98.9 | 92.7 | 81.1 | 88.8 |
| 1927 | 83.3 | 94.6 | 88.9 | 101.0 | 87.3 | 98.6 | 93.9 | 86.8 | 93.0 |
| 1928 | 85.2 | 94.8 | 87.2 | 101.1 | 88.6 | 99.0 | 95.0 | 87.0 | 92.9 |
| 1929 | 86.8 | 95.8 | 90.6 | 102.2 | 89.1 | 103.6 | 97.7 | 87.7 | 93.9 |
| 1930 | 92.0 | 98.8 | 94.7 | 102.0 | 93.5 | 104.4 | 99.1 | 92.5 | 98.1 |
| 1931 | 92.6 | 99.1 | 96.2 | 101.9 | 94.0 | 104.7 | 99.6 | 93.4 | 99.2 |
| 1932 | 80.9 | 86.1 | 83.4 | 92.0 | 81.0 | 97.1 | 88.4 | 81.0 | 85.5 |
| 1933 | 79.2 | 84.0 | 81.0 | 85.0 | 78.6 | 87.8 | 82.5 | 80.1 | 82.9 |
| 1934 | 80.7 | 83.5 | 81.3 | 84.7 | 79.5 | 88.2 | 82.4 | 81.1 | 82.9 |
| 1935 | 83.0 | 85.7 | 81.9 | 87.4 | 80.8 | 88.2 | 82.2 | 81.8 | 83.6 |
| 1936 | 83.5 | 86.4 | 83.5 | 89.5 | 83.5 | 89.4 | 83.2 | 83.9 | 85.2 |
| 1937 | 90.0 | 92.8 | 89.6 | 98.9 | 88.1 | 91.5 | 91.9 | 91.6 | 91.2 |
| 1938 | 99.7 | 99.0 | 98.6 | 99.8 | 99.3 | 99.6 | 99.7 | 98.9 | 99.9 |
| 1939 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1940 | 102.3 | 101.7 | 101.8 | 100.2 | 100.3 | 102.3 | 99.5 | 100.4 | 100.2 |
| 1941 | 106.5 | 104.0 | 106.5 | 101.9 | 103.4 | 103.1 | 102.1 | 105.2 | 101.6 |
| 1942 | 116.1 | 113.1 | 116.0 | 106.7 | 109.3 | 103.0 | 108.0 | 108.7 | 106.6 |
| 1943 | 116.6 | 114.0 | 116.4 | 107.2 | 109.5 | 103.1 | 108.4 | 109.1 | 108.2 |
| 1944 | 117.3 | 114.6 | 117.2 | 108.9 | 110.5 | 112.4 | 109.0 | 109.8 | 109.2 |
| 1945 | 118.8 | 116.9 | 118.4 | 111.3 | 114.3 | 112.4 | 111.4 | 111.6 | 112.8 |
| 1946 | 132.3 | 127.1 | 133.0 | 125.3 | 124.6 | 127.7 | 126.5 | 121.4 | 127.7 |

¹ Included rodmen prior to 1940.

TABLE 2.—Indexes of union hourly wage rates in each building trade, 1907 to 1946—Con.

[1939=100]

| Year | Brick-layers' tenders | Building laborers | Composition roofers' helpers | Plasterers' laborers | Plumbers' laborers | Steam and sprinkler fitters' helpers | Tile layers' helpers |
|------|-----------------------|-------------------|------------------------------|----------------------|--------------------|--------------------------------------|----------------------|
| 1907 | 30.3 | 30.8 | | 31.3 | | 21.6 | |
| 1908 | 30.3 | 31.0 | | 32.7 | | 21.9 | |
| 1909 | 30.4 | 31.3 | | 33.0 | | 22.0 | |
| 1910 | 30.9 | 32.3 | | 33.2 | | 23.8 | |
| 1911 | 31.2 | 32.4 | | 33.2 | | 23.9 | |
| 1912 | 31.4 | 32.7 | | 33.6 | | 24.7 | 32.3 |
| 1913 | 31.8 | 34.2 | | 34.4 | | 25.3 | 32.9 |
| 1914 | 32.2 | 34.5 | | 35.1 | | 25.8 | 33.2 |
| 1915 | 32.4 | 34.7 | | 35.2 | | 26.5 | 34.3 |
| 1916 | 33.4 | 36.3 | | 36.2 | | 26.9 | 35.6 |
| 1917 | 37.2 | 40.1 | | 38.6 | | 28.7 | 36.5 |
| 1918 | 43.4 | 47.0 | | 44.5 | | 33.1 | 37.6 |
| 1919 | 50.8 | 53.3 | | 50.7 | | 39.7 | 45.6 |
| 1920 | 73.9 | 77.2 | | 73.5 | | 57.5 | 74.6 |
| 1921 | 74.2 | 77.6 | | 75.9 | | 58.9 | 75.4 |
| 1922 | 61.5 | 72.9 | | 66.6 | | 60.5 | 70.9 |
| 1923 | 67.2 | 74.3 | | 73.4 | | 64.2 | 72.5 |
| 1924 | 70.2 | 82.7 | | 78.9 | | 71.2 | 78.9 |
| 1925 | 78.4 | 79.0 | | 84.1 | | 73.2 | 81.1 |
| 1926 | 85.5 | 86.9 | | 89.1 | | 77.5 | 87.9 |
| 1927 | 87.5 | 87.2 | | 89.9 | | 81.1 | 88.9 |
| 1928 | 87.6 | 87.6 | | 91.4 | | 82.8 | 90.7 |
| 1929 | 91.4 | 88.0 | | 91.7 | | 81.6 | 89.4 |
| 1930 | 94.9 | 92.9 | | 97.2 | | 89.2 | 97.0 |
| 1931 | 94.6 | 91.5 | | 96.9 | | 89.2 | 97.0 |
| 1932 | 78.4 | 78.7 | | 80.4 | | 77.0 | 85.6 |
| 1933 | 77.4 | 74.1 | | 75.7 | | 74.8 | 81.7 |
| 1934 | 82.5 | 76.9 | | 77.8 | | 75.0 | 81.8 |
| 1935 | 79.9 | 78.0 | | 79.1 | | 75.9 | 84.5 |
| 1936 | 84.2 | 84.7 | | 80.7 | | 76.1 | 85.8 |
| 1937 | 90.6 | 92.7 | 93.9 | 87.9 | | 81.6 | 90.4 |
| 1938 | 99.7 | 99.4 | 99.7 | 99.2 | 97.2 | 99.4 | 99.7 |
| 1939 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1940 | 103.8 | 101.6 | 103.6 | 100.2 | 104.6 | 100.6 | 100.2 |
| 1941 | 107.3 | 107.6 | 107.5 | 102.5 | 110.4 | 102.2 | 102.5 |
| 1942 | 115.7 | 119.6 | 118.8 | 110.1 | 118.3 | 106.1 | 109.5 |
| 1943 | 116.4 | 121.3 | 119.5 | 110.8 | 119.0 | 109.9 | 110.6 |
| 1944 | 117.4 | 112.9 | 122.9 | 111.6 | 121.8 | 111.1 | 111.1 |
| 1945 | 121.8 | 129.9 | 122.9 | 115.7 | 124.8 | 112.6 | 112.6 |
| 1946 | 141.7 | 152.2 | 139.0 | 130.3 | 142.2 | 128.0 | 130.8 |

It is difficult to compare the gains of the past year with those realized immediately after World War I, because that war ended later in the year and the Bureau's study was then as of May 15, rather than as of July 1. However, by May 15, 1919, 6 months after the end of World War I, rates had risen about 15 percent over May 15, 1918, in comparison with an increase of over 11 percent recorded in the 11 months after World War II. In view of the removal of all wage controls following Executive Order 9081 of November 9, 1946, there may be substantial wage increases in the near future. During a comparable period after World War I (1919-20), when there was also a great construction program, union scales advanced 35 percent.

The 11-percent wage increase for journeymen between 1945 and 1946 was slightly less than that for all trades combined, although the gain for helpers and laborers was substantially more (16 percent). Of the 27 journeymen trades studied 18 reported average increases

exceeding 10 percent (table 3). Foremost among these were trades essential in all types of construction: Carpenters, bricklayers, composition roofers, painters, and plasterers. Larger increases were recorded for such trades as granite cutters, but these trades were relatively unimportant in the current construction program or had relatively few workers compared to the carpenters and bricklayers.

TABLE 3.—Percent of increase in union building-trades wage rates, by trades, July 1, 1945, to July 1, 1946

| Trade | Percent of increase | Trade | Percent of increase |
|------------------------------------|---------------------|---|---------------------|
| All trades..... | 11.5 | Journeymen—Continued. | |
| Journeymen..... | 10.8 | Roofers, slate and tile..... | 8.7 |
| Asbestos workers..... | 9.9 | Sheet-metal workers..... | 12.3 |
| Boilermakers..... | 7.9 | Sign painters..... | 12.6 |
| Bricklayers..... | 11.4 | Steam and sprinkler fitters..... | 9.1 |
| Carpenters..... | 12.4 | Stonecutters..... | 13.6 |
| Cement finishers..... | 12.3 | Stonemasons..... | 13.6 |
| Electricians (inside wiremen)..... | 6.9 | Structural-iron workers..... | 8.8 |
| Elevator constructors..... | 6.5 | Tile layers..... | 13.2 |
| Glaziers..... | 9.9 | Helpers and laborers..... | 16.2 |
| Granite cutters..... | 20.5 | Bricklayers' tenders..... | 16.3 |
| Lathers..... | 11.4 | Building laborers..... | 17.2 |
| Machinists..... | 11.5 | Composition roofers' helpers..... | 13.1 |
| Marble setters..... | 11.1 | Elevator constructors' helpers..... | 6.3 |
| Mosaic and terrazzo workers..... | 13.1 | Marble setters' helpers..... | 15.4 |
| Painters..... | 10.6 | Plasterers' laborers..... | 12.7 |
| Paperhangers..... | 11.1 | Plumbers' laborers..... | 13.9 |
| Plasterers..... | 10.6 | Steam and sprinkler fitters' helpers..... | 13.7 |
| Plumbers and gas fitters..... | 8.1 | Terrazzo workers' helpers..... | 17.4 |
| Rodmen..... | 10.4 | Tile layers' helpers..... | 16.2 |
| Roofers, composition..... | 11.4 | | |

Electricians and plumbers—critical groups in the current construction program—had comparatively small gains owing primarily to the fact that large unions of plumbers and electricians in New York City maintained their wartime hourly rate of \$2.00. Most other New York City unions obtained increases of about 25 cents an hour.

AVERAGE HOURLY WAGE RATES, JULY 1, 1946

Building-trades workers surveyed on July 1, 1946, averaged \$1.67 an hour, as a whole; journeymen made \$1.79 and helpers and laborers \$1.14 (table 4). The serious shortage of bricklayers in some areas may account in some degree for their ability to negotiate rates well above a number of the other trades. Stonecutters, a trade with very little work in the current construction program, had a rate nearly as high, however. Stonemasons, with the third highest average, in most instances belong to the bricklayers' union and generally receive the same scale as bricklayers. Lathers, plasterers, and plumbers likewise had averages exceeding \$1.90 an hour. Paperhangers, on the other hand, had the lowest rate among journeymen (\$1.60).

Almost half of the journeymen received between \$1.60 and \$1.90 an hour and over a fifth \$2.00 or more, whereas less than 6 percent fell below \$1.50. The most frequently reported rate was \$1.75.

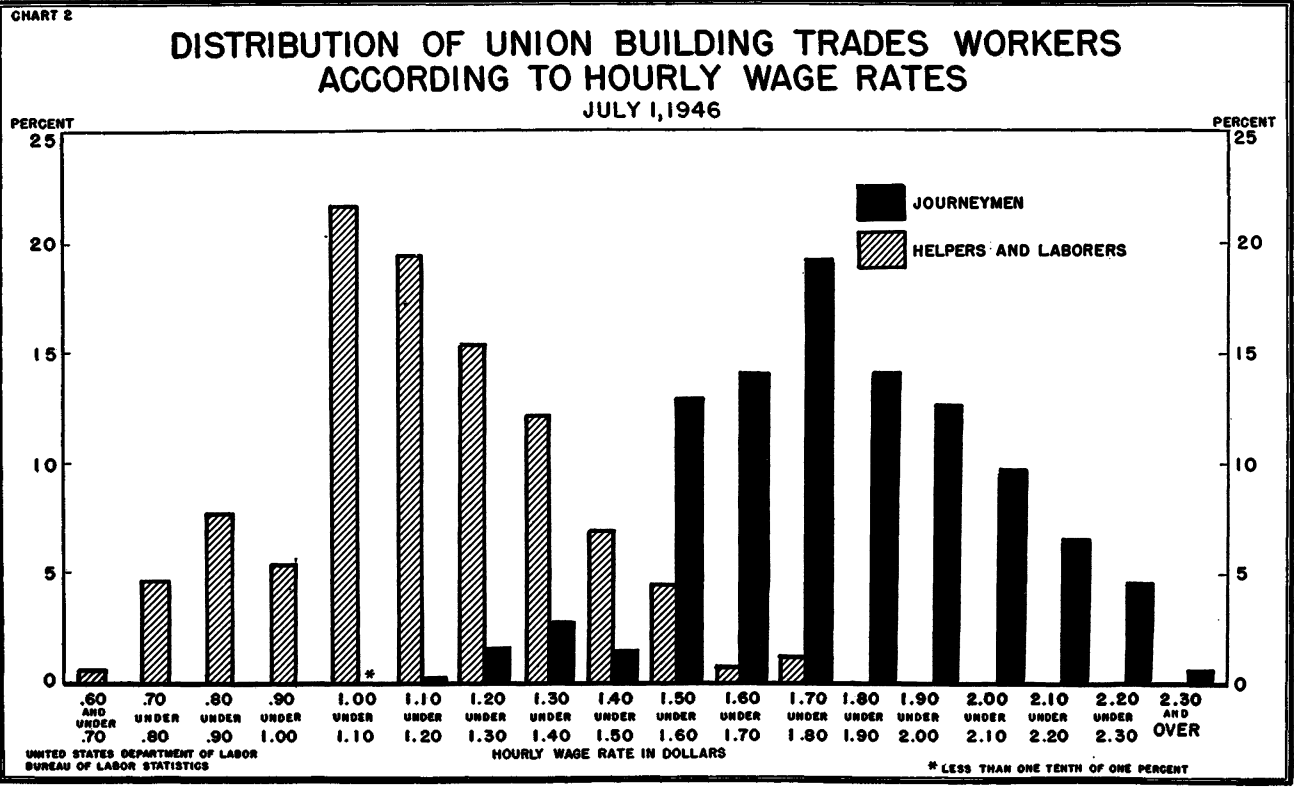


TABLE 4.—Distribution of union members in the building trades, by hourly wage rates, July 1, 1946

| Trade | Average rate per hour | Percent of union journeymen whose rates (in cents) per hour were— | | | | | | | | | | | | |
|-----------------------------------|-----------------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|
| | | Under 120 ¹ | 120 and under 130 | 130 and under 140 | 140 and under 150 | 150 and under 160 | 160 and under 170 | 170 and under 180 | 180 and under 190 | 190 and under 200 | 200 and under 210 | 210 and under 220 | 220 and under 230 | 230 and over ² |
| Journeymen..... | \$1.792 | 0.1 | 1.5 | 2.7 | 1.4 | 12.9 | 14.0 | 19.3 | 14.1 | 12.7 | 9.7 | 6.5 | 4.6 | 0.5 |
| Asbestos workers..... | 1.799 | 3.0 | 1.1 | 1.1 | 3.0 | 2.7 | 11.9 | 29.0 | 16.0 | 18.6 | 3.5 | 10.1 | ----- | ----- |
| Boilermakers..... | 1.867 | ----- | ----- | ----- | ----- | ----- | 2.0 | 61.3 | 4.5 | 12.2 | 2.9 | 17.1 | ----- | ----- |
| Bricklayers..... | 2.058 | ----- | ----- | ----- | ----- | ----- | 1.3 | 4.1 | 10.2 | 13.0 | 31.1 | 5.7 | 34.6 | ----- |
| Carpenters..... | 1.730 | .1 | 2.2 | 3.3 | 1.8 | 22.3 | 19.2 | 17.3 | 5.5 | 11.3 | 2.6 | 13.3 | ----- | 1.1 |
| Cement finishers..... | 1.746 | .1 | 2.4 | 1.0 | .4 | 13.1 | 23.3 | 28.2 | 7.8 | 12.4 | .6 | 8.7 | 2.0 | ----- |
| Electricians, inside wiremen..... | 1.853 | ----- | .3 | 2.7 | .5 | 2.4 | 8.0 | 22.4 | 19.4 | 13.6 | 28.0 | 1.1 | 1.6 | ----- |
| Elevator constructors..... | 1.838 | ----- | ----- | .3 | .6 | 4.1 | 16.7 | 23.3 | 13.1 | 26.1 | 9.2 | ----- | 6.6 | ----- |
| Glaziers..... | 1.682 | 1.4 | 3.3 | 15.5 | 6.6 | 19.9 | 13.6 | 9.5 | 4.6 | 1.6 | ----- | 24.0 | ----- | ----- |
| Granite cutters..... | 1.793 | ----- | ----- | ----- | ----- | 28.0 | 34.9 | ----- | ----- | 1.5 | ----- | 24.5 | 11.1 | ----- |
| Lathers..... | 1.941 | ----- | .3 | ----- | ----- | 2.3 | 3.6 | 20.3 | 20.2 | 7.0 | 22.7 | 17.9 | ----- | 5.7 |
| Machinists..... | 1.800 | ----- | ----- | ----- | ----- | 9.2 | 14.8 | 7.5 | 53.6 | .6 | 14.3 | ----- | ----- | ----- |
| Marble setters..... | 1.823 | ----- | ----- | ----- | .3 | 2.0 | 13.8 | 33.2 | 19.1 | 20.1 | .8 | 10.7 | ----- | ----- |
| Mosaic and terrazzo workers..... | 1.806 | ----- | ----- | .2 | 2.0 | 4.3 | 14.1 | 30.7 | 18.1 | 4.1 | 26.5 | ----- | ----- | ----- |
| Painters..... | 1.705 | .1 | 2.4 | 4.8 | 2.2 | 15.5 | 18.2 | 18.0 | 19.3 | 18.0 | 1.5 | (³) | ----- | ----- |
| Paperhangers..... | 1.600 | .1 | 3.7 | 7.1 | 5.2 | 12.5 | 55.2 | 15.2 | 1.0 | ----- | ----- | ----- | ----- | ----- |
| Plasterers..... | 1.951 | ----- | ----- | .2 | ----- | .1 | 6.3 | 12.3 | 16.9 | 10.1 | 38.1 | ----- | 16.0 | ----- |
| Plumbers and gas fitters..... | 1.906 | ----- | ----- | .2 | ----- | 1.0 | 3.9 | 17.5 | 28.4 | 13.3 | 28.7 | ----- | 7.0 | ----- |
| Roofers, composition..... | 1.616 | 2.4 | 6.5 | 12.9 | 7.6 | 11.9 | 17.2 | 20.1 | 9.9 | 3.3 | 8.0 | .2 | ----- | ----- |
| Roofers, slate and tile..... | 1.723 | 3.0 | 6.1 | 8.7 | 6.6 | 9.0 | 20.7 | 7.3 | 9.7 | .9 | 14.9 | 2.5 | 2.9 | 7.7 |
| Sheet-metal workers..... | 1.809 | ----- | ----- | 1.5 | 2.4 | 8.9 | 11.5 | 31.7 | 19.7 | 8.9 | 3.0 | ----- | 12.4 | ----- |
| Sign painters..... | 1.884 | .9 | ----- | 1.4 | 1.0 | 11.5 | 4.5 | 15.1 | 13.1 | 10.8 | 36.9 | .2 | ----- | 4.6 |
| Steam and sprinkler fitters..... | 1.879 | ----- | ----- | .1 | ----- | 2.3 | 3.1 | 19.8 | 39.7 | 21.1 | 7.2 | ----- | 6.7 | ----- |
| Stonecutters..... | 1.974 | ----- | 3.1 | 1.9 | 4.2 | 3.9 | .8 | 18.5 | ----- | 1.5 | 8.1 | 58.0 | ----- | ----- |
| Stonemasons..... | 1.964 | ----- | ----- | ----- | ----- | ----- | 1.1 | 7.6 | 46.4 | 11.6 | 9.5 | ----- | 23.8 | ----- |
| Structural-iron workers..... | 1.888 | ----- | ----- | ----- | ----- | 2.2 | 4.5 | 34.9 | 15.6 | 7.7 | 19.2 | 6.5 | 9.4 | ----- |
| Rodmen..... | 1.749 | ----- | 1.4 | 4.4 | .7 | 11.6 | 23.4 | 24.7 | 11.1 | 7.4 | 7.4 | 4.9 | 3.0 | ----- |
| Tile layers..... | 1.808 | ----- | ----- | .8 | .4 | 2.4 | 6.1 | 24.9 | 42.1 | 22.7 | .6 | ----- | ----- | ----- |

| Trade | Average rate per hour | Percent of union helpers and laborers whose rates (in cents) per hour were— | | | | | | | | | | | | |
|---|-----------------------|---|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------------------|--|
| | | 60 and under 70 ⁴ | 70 and under 80 | 80 and under 90 | 90 and under 100 | 100 and under 110 | 110 and under 120 | 120 and under 130 | 130 and under 140 | 140 and under 150 | 150 and under 160 | 160 and under 170 | 170 and under 180 ⁵ | |
| Helpers and laborers..... | \$1.138 | 0.6 | 4.6 | 7.7 | 5.4 | 21.6 | 19.4 | 15.4 | 12.1 | 6.9 | 4.4 | 0.7 | 1.2 | |
| Bricklayers' tenders..... | 1.242 | ----- | .5 | 6.8 | 1.3 | 15.2 | 14.3 | 8.0 | 31.6 | 4.0 | 18.3 | ----- | ----- | |
| Building laborers..... | 1.065 | .9 | 6.4 | 8.9 | 7.0 | 27.2 | 23.5 | 18.2 | 4.4 | 3.5 | (³) | ----- | ----- | |
| Composition roofers' helpers..... | .989 | ----- | 33.6 | 4.7 | 11.9 | 1.3 | 27.2 | 21.3 | ----- | ----- | ----- | ----- | ----- | |
| Elevator constructors' helpers..... | 1.285 | ----- | ----- | ----- | .1 | 4.1 | 19.6 | 29.5 | 39.0 | 2.1 | ----- | 5.6 | ----- | |
| Marble setters' helpers..... | 1.283 | ----- | 1.4 | ----- | 1.4 | 15.7 | 12.4 | 37.1 | 15.2 | ----- | .3 | ----- | 16.5 | |
| Pasterers' laborers..... | 1.347 | ----- | .7 | 4.6 | 1.3 | 8.7 | 4.8 | 5.8 | 14.5 | 38.0 | 11.7 | 7.4 | 2.5 | |
| Plumbers' laborers..... | 1.147 | .9 | 4.1 | 7.1 | 10.3 | 10.1 | 20.6 | 14.6 | 28.6 | 2.1 | 1.6 | ----- | ----- | |
| Steam and sprinkler fitters' helpers..... | 1.517 | ----- | .6 | .8 | 1.2 | 1.2 | 6.4 | 11.1 | 22.2 | ----- | ----- | ----- | 56.5 | |
| Terrazzo workers' helpers..... | 1.360 | ----- | ----- | .6 | .3 | 6.0 | 7.5 | 14.7 | 23.0 | 32.7 | 13.1 | 2.1 | ----- | |
| Tile layers' helpers..... | 1.271 | ----- | .3 | 1.8 | 3.3 | 9.2 | 7.3 | 28.5 | 26.9 | 22.6 | .1 | ----- | ----- | |

¹ Minimum rate \$1 per hour.

² Maximum rate \$2.79 per hour.

³ Less than a tenth of 1 percent.

⁴ Minimum rate \$0.600 per hour.

⁵ Maximum rate \$1.750 per hour.

Among journeymen, only boilermakers, bricklayers, and stonemasons had no members working for less than \$1.60 an hour, and each of these trades had a substantial number of workers above \$2.00. In 9 trades, a third or more of the workers were rated at \$2.00 or more, including 70 percent of all bricklayers. The lowest rate, \$1.00 an hour, generally covered either roofers or glaziers and included only 228 workers. The highest rate was \$2.79, paid to sign painters on outdoor advertising in New York City.

Steam and sprinkler fitters' helpers had the highest average rate among the helpers' and laborers' groups, which was explained by the very heavy membership in New York City, where the union rate was \$1.73.³ The composition roofers' helpers had the lowest average. The building-laborer classification was most important as it included about 65 percent of all helpers and laborers studied.

Over two-thirds of all helpers and laborers received between \$1.00 and \$1.40 an hour. About a fifth had rates between 60 cents and \$1.00, and an eighth received between \$1.40 and \$1.80. The lowest hourly rate scale (60 cents) applied to building laborers in Jackson, Miss., the highest (\$1.75) to plasterers' laborers in San Francisco.

CHANGES IN UNION WAGE RATES BETWEEN 1945 AND 1946

The 12-month interval between the surveys of July 1, 1945 and 1946, witnessed the cessation of hostilities, an advance in the cost of living, a tremendous building-construction program, acute shortages in numerous commodities (including building materials), and intense union activity to secure improvements in basic wage rates. The forces at work manifested themselves in the current study particularly by the marked shifts in ratios revealing the extent and magnitude of rate changes.

On July 1, 1945, a third of the building-trades members for whom comparable quotations were received reported wage increases since the prior study date. By July 1, 1946, almost 89 percent of the comparable quotations tabulated, embracing all but 4 percent of the comparable membership, showed wage boosts. Whereas advances of 10 percent and over affected less than 6 percent of all members on July 1, 1945, the proportion so benefiting rose to almost 70 percent on July 1, 1946.

Principal trades which led both in the proportions of quotations showing increases and the percentage of members benefiting by rate raises were the bricklayers, carpenters, and building laborers.

³ These workers will probably be excluded in future reports, as the helper system is being eliminated by the Plumbers and Steamfitters' International Union (United Association of Journeymen Plumbers and Steamfitters of the United States and Canada, AFL).

A majority of the journeymen and of the helpers benefited by rate gains of 10 to 20 percent. The helper group predominated in the categories with increases of 20 percent or more, 34 percent of their members falling therein,⁴ as contrasted with 4 percent of the journeymen.

TABLE 5.—*Percent of union members affected by wage rate changes and extent of increases, July 1, 1946, compared with July 1, 1945*

| Trade | Percent of union members affected by— | | Percent of total members affected by increase of— | | | | | |
|---|---------------------------------------|----------|---|------------------------|-------------------------|-------------------------|-------------------------|---------------------|
| | No change | Increase | Less than 5 percent | 5 and under 10 percent | 10 and under 15 percent | 15 and under 20 percent | 20 and under 25 percent | 25 percent and over |
| All building trades..... | 4.3 | 95.7 | 2.5 | 23.7 | 40.9 | 18.7 | 6.4 | 3.5 |
| Journeymen..... | 4.7 | 95.3 | 3.0 | 26.5 | 44.0 | 17.5 | 3.7 | .7 |
| Asbestos workers..... | 4.4 | 95.6 | 4.0 | 53.2 | 18.2 | 15.8 | ----- | 4.4 |
| Boilermakers..... | 10.1 | 89.9 | 6.5 | 51.0 | 22.5 | 9.9 | ----- | ----- |
| Bricklayers..... | .1 | 99.9 | .4 | 26.8 | 54.6 | 14.0 | 4.1 | ----- |
| Carpenters..... | .4 | 99.6 | ----- | 16.4 | 57.5 | 23.1 | 2.3 | .3 |
| Cement finishers..... | 3.9 | 96.1 | 2.3 | 31.4 | 28.2 | 23.5 | 6.2 | 4.5 |
| Electricians, inside wiremen..... | 18.3 | 81.7 | 8.6 | 44.1 | 23.1 | 5.5 | .3 | .1 |
| Elevators constructors..... | 18.7 | 81.3 | 6.3 | 55.8 | 16.2 | 2.9 | .1 | ----- |
| Glaziers..... | 7.1 | 92.9 | 1.6 | 35.0 | 40.6 | 8.7 | 6.0 | 1.0 |
| Granite cutters..... | ----- | 100.0 | ----- | ----- | 26.7 | 12.6 | 25.4 | 35.3 |
| Lathers..... | 9.7 | 90.3 | ----- | 29.0 | 31.2 | 25.8 | 2.2 | 2.1 |
| Machinists..... | 9.3 | 90.7 | ----- | 43.9 | 21.7 | 15.2 | 9.9 | ----- |
| Marble setters..... | 5.8 | 94.2 | 3.5 | 22.2 | 40.7 | 22.4 | 3.1 | 2.3 |
| Mosaic and terrazzo workers..... | 3.6 | 96.4 | .5 | 28.3 | 41.0 | 15.0 | 4.3 | 7.3 |
| Painters..... | 3.1 | 96.9 | 12.7 | 20.3 | 35.0 | 17.2 | 11.3 | .4 |
| Paperhangers..... | 2.5 | 97.5 | 1.3 | 42.1 | 27.5 | 20.3 | 6.0 | .3 |
| Plasterers..... | 8.3 | 91.7 | .1 | 36.3 | 37.5 | 15.7 | .3 | 1.8 |
| Plumbers and gas fitters..... | 19.7 | 80.3 | ----- | 33.5 | 41.6 | 5.2 | ----- | ----- |
| Roofers, composition..... | 2.9 | 97.1 | 3.3 | 40.1 | 33.1 | 9.8 | 6.3 | 4.5 |
| Roofers, slate and tile..... | 10.3 | 89.7 | .5 | 49.2 | 34.7 | 1.0 | 2.9 | 1.4 |
| Sheet-metal workers..... | 4.9 | 95.1 | .4 | 16.9 | 42.8 | 30.7 | 4.3 | ----- |
| Sign painters..... | 13.9 | 86.1 | ----- | 21.5 | 14.4 | 32.6 | 8.4 | 9.2 |
| Steam and sprinkler fitters..... | 2.4 | 97.6 | ----- | 53.1 | 36.0 | 7.3 | 1.0 | .2 |
| Stonecutters..... | 2.7 | 97.3 | ----- | ----- | 73.0 | 18.1 | 2.3 | 3.9 |
| Stonemasons..... | 2.3 | 97.7 | 2.2 | 17.3 | 45.5 | 7.5 | 5.5 | 19.7 |
| Structural-iron workers..... | 9.7 | 90.3 | 2.9 | 44.2 | 34.1 | 8.5 | .6 | ----- |
| Rodmen..... | 5.0 | 95.0 | 4.0 | 36.0 | 32.8 | 20.2 | 1.8 | .2 |
| Tile layers..... | 5.8 | 94.2 | .5 | 19.2 | 32.2 | 14.2 | 12.3 | 15.8 |
| Helpers and laborers..... | 2.4 | 97.6 | .3 | 11.5 | 27.5 | 24.3 | 18.4 | 15.6 |
| Bricklayers' tenders..... | 2.2 | 97.8 | ----- | 22.3 | 19.4 | 15.8 | 31.4 | 8.9 |
| Building laborers..... | .8 | 99.2 | .1 | 6.3 | 30.0 | 26.7 | 17.0 | 19.1 |
| Composition roofers' helpers..... | 18.4 | 81.6 | 9.0 | 9.0 | 11.7 | 9.0 | 27.2 | 15.7 |
| Elevator constructors' helpers..... | 25.0 | 75.0 | 4.6 | 50.5 | 11.4 | 8.2 | .3 | ----- |
| Marble setters' helpers..... | 9.6 | 90.4 | ----- | 8.0 | 26.2 | 34.2 | 8.0 | 14.0 |
| Plasterers' laborers..... | 4.0 | 96.0 | 2.0 | 29.0 | 32.6 | 12.6 | 12.2 | 7.6 |
| Plumbers' laborers..... | 15.0 | 85.0 | ----- | 5.5 | 25.6 | 28.0 | 15.1 | 10.8 |
| Steam and sprinkler fitters' helpers..... | 5.3 | 94.7 | ----- | 1.2 | 7.3 | 85.4 | .8 | ----- |
| Terrazzo workers' helpers..... | 2.0 | 98.0 | ----- | 8.6 | 17.6 | 44.5 | 7.6 | 26.5 |
| Tile layers' helpers..... | 7.8 | 92.2 | ----- | 14.2 | 29.6 | 12.9 | 9.0 | 26.5 |

Considerable segments of important trades registered gains between 10 and 20 percent, notably bricklayers (68.6 percent), carpenters (80.6), sheet-metal workers (73.5), painters (52.2), plasterers (53.2), and building laborers (56.7).

⁴ This was the result, in the main, of increases up to 37½ cents an hour to helpers in cities with low basic scales and/or high membership concentration.

Elevator constructors and their helpers, plumbers, and electricians ranked highest in membership proportions working under quotations involving no wage changes. No decreases in wage rates during the year were reported in any of the 75 cities surveyed.

POST SURVEY RATE CHANGES

From July 2 until November 9, 1946 (the termination date of wage controls), the Wage Adjustment Board approved increases benefiting almost a fourth of the workers included in the July study. These raises, not reflected in any of the tables appearing in this report, averaged 15 cents an hour, and lifted the general average to \$1.71 on November 9, a gain of approximately 2 percent for each of the two groups. Inclusion of these later increases would advance the index of union hourly wage rates for all workers to 132.0 on November 9 (journeymen, 129.5; helpers, 149.5). During the period from the end of the war to the end of wage controls, union building-construction wage rates advanced about 14 percent.

UNION WAGE RATES BY CITY AND REGION

As in previous years, the highest city averages ⁵ for journeymen were found in the New York metropolitan area (table 6). The average for the adjacent city of Newark was slightly above that for New York, which may have been caused by the higher electricians' scale in Newark, as other important trades have about the same scales in these two cities. Chicago ranked third with respect to journeymen workers. Butte, Mont., one of the smallest cities surveyed, was highest among the cities of 40,000 to 100,000 population and ranked eleventh among the 75 cities studied. For journeymen, Charlotte, N. C., and Jackson, Miss., had the lowest city averages.

In 52 of the 75 cities studied the average increases for journeymen between 1945 and 1946 were over 10 percent.⁶ Charlotte, N. C., and Houston, Tex., with increases of approximately 17 percent each, had the largest average gains for this group, Charleston, S. C., the smallest (less than 6 percent).

⁵ The averages presented were weighted according to the number of members in each local union covered by the reported rates and, in many cases, may be lower than a simple average of specific rates owing to the large memberships in the less-skilled trades carrying the lower rates.

⁶ These net changes were based on the specific rates for 1945 and 1946, weighted by the membership for each union in 1946. Only those quotations showing comparable data for both years were included. As building-trades hourly wage rates in normal years tend to be changed by additions of either 12½ or 10 cents, specific increases for 1946 will reflect larger percentage changes among those trades with comparatively low scales. For this reason cities which have lower scales tend to show the greatest percentage increases.

TABLE 6.—Average union hourly wage rates in the building trades, by cities and population groups, July 1, 1946

| City and population group | Average hourly rate | City and population group | Average hourly rate |
|--|---------------------|--|---------------------|
| <i>Journeyman</i> | | <i>Journeyman—Continued</i> | |
| Population group I (over 1,000,000): | | Population group V (40,000 to 100,000): | |
| New York, N. Y. | \$2.087 | Butte, Mont. | \$1.811 |
| Chicago, Ill. | 1.949 | Charleston, W. Va. | 1.690 |
| <i>Average for group I.</i> | <i>1.902</i> | Phoenix, Ariz. | 1.659 |
| Philadelphia, Pa. | 1.849 | Mobile, Ala. | 1.552 |
| Detroit, Mich. | 1.825 | Madison, Wis. | 1.540 |
| Los Angeles, Calif. | 1.609 | Binghamton, N. Y. | 1.535 |
| | | <i>Average for group V.</i> | <i>1.532</i> |
| Population group II (500,000 to 1,000,000): | | El Paso, Tex. | 1.510 |
| Washington, D. C. | 1.929 | Little Rock, Ark. | 1.479 |
| Pittsburgh, Pa. | 1.928 | Manchester, N. H. | 1.449 |
| Buffalo, N. Y. | 1.904 | Portland, Maine. | 1.416 |
| St. Louis, Mo. | 1.856 | Charleston, S. C. | 1.409 |
| <i>Average for group II.</i> | <i>1.815</i> | York, Pa. | 1.374 |
| San Francisco, Calif. | 1.797 | Jackson, Miss. | 1.368 |
| Cleveland, Ohio. | 1.784 | | |
| Baltimore, Md. | 1.747 | <i>Helpers and laborers</i> | |
| Boston, Mass. | 1.743 | Population group I (over 1,000,000): | |
| Milwaukee, Wis. | 1.637 | New York, N. Y. | 1.442 |
| | | Chicago, Ill. | 1.322 |
| Population group III (250,000 to 500,000): | | <i>Average for group I.</i> | <i>1.245</i> |
| Newark, N. J. | 2.138 | Detroit, Mich. | 1.201 |
| Toledo, Ohio. | 1.823 | Los Angeles, Calif. | 1.141 |
| Cincinnati, Ohio. | 1.799 | Philadelphia, Pa. | 1.036 |
| Kansas City, Mo. | 1.783 | | |
| Seattle, Wash. | 1.760 | Population group II (500,000 to 1,000,000): | |
| Rochester, N. Y. | 1.755 | San Francisco, Calif. | 1.318 |
| Denver, Colo. | 1.738 | Buffalo, N. Y. | 1.276 |
| Indianapolis, Ind. | 1.711 | Cleveland, Ohio. | 1.268 |
| <i>Average for group III.</i> | <i>1.702</i> | Pittsburgh, Pa. | 1.255 |
| Houston, Tex. | 1.696 | St. Louis, Mo. | 1.233 |
| St. Paul, Minn. | 1.694 | Milwaukee, Wis. | 1.227 |
| Minneapolis, Minn. | 1.686 | <i>Average for group II.</i> | <i>1.207</i> |
| Columbus, Ohio. | 1.661 | Boston, Mass. | 1.183 |
| Louisville, Ky. | 1.625 | Washington, D. C. | 1.073 |
| Portland, Oreg. | 1.615 | Baltimore, Md. | .986 |
| Birmingham, Ala. | 1.601 | | |
| Memphis, Tenn. | 1.593 | Population group III (250,000 to 500,000): | |
| Dallas, Tex. | 1.559 | Newark, N. J. | 1.393 |
| Providence, R. I. | 1.554 | Seattle, Wash. | 1.296 |
| San Antonio, Tex. | 1.543 | Kansas City, Mo. | 1.234 |
| New Orleans, La. | 1.535 | Denver, Colo. | 1.220 |
| Atlanta, Ga. | 1.494 | Minneapolis, Minn. | 1.183 |
| | | St. Paul, Minn. | 1.174 |
| Population group IV (100,000 to 250,000): | | Portland, Oreg. | 1.174 |
| Dayton, Ohio. | 1.786 | Toledo, Ohio. | 1.155 |
| Youngstown, Ohio. | 1.782 | Cincinnati, Ohio. | 1.137 |
| Peoria, Ill. | 1.769 | Rochester, N. Y. | 1.127 |
| South Bend, Ind. | 1.726 | <i>Average for group III.</i> | <i>1.048</i> |
| New Haven, Conn. | 1.679 | Indianapolis, Ind. | 1.017 |
| Spokane, Wash. | 1.676 | Providence, R. I. | 1.012 |
| Springfield, Mass. | 1.670 | Columbus, Ohio. | .961 |
| Rock Island (Ill.) district ¹ | 1.651 | Louisville, Ky. | .944 |
| Omaha, Nebr. | 1.627 | Houston, Tex. | .883 |
| Des Moines, Iowa. | 1.619 | Dallas, Tex. | .870 |
| Erie, Pa. | 1.616 | New Orleans, La. | .813 |
| Oklahoma City, Okla. | 1.615 | Birmingham, Ala. | .810 |
| Reading, Pa. | 1.602 | Memphis, Tenn. | .804 |
| <i>Average for group IV.</i> | <i>1.593</i> | Atlanta, Ga. | .792 |
| Worcester, Mass. | 1.562 | San Antonio, Tex. | .776 |
| Grand Rapids, Mich. | 1.555 | | |
| Salt Lake City, Utah. | 1.549 | Population group IV (100,000 to 250,000): | |
| Scranton, Pa. | 1.542 | Spokane, Wash. | 1.197 |
| Duluth, Minn. | 1.518 | South Bend, Ind. | 1.197 |
| Nashville, Tenn. | 1.503 | Richmond, Va. | 1.160 |
| Wichita, Kans. | 1.474 | New Haven, Conn. | 1.140 |
| Richmond, Va. | 1.470 | Peoria, Ill. | 1.133 |
| Norfolk, Va. | 1.457 | Springfield, Mass. | 1.084 |
| Jacksonville, Fla. | 1.436 | Youngstown, Ohio. | 1.077 |
| Tampa, Fla. | 1.413 | Salt Lake City, Utah. | 1.072 |
| Charlotte, N. C. | 1.366 | Dayton, Ohio. | 1.069 |
| | | Rock Island (Ill.) district ¹ | 1.066 |
| | | Des Moines, Iowa. | 1.062 |
| | | Worcester, Mass. | 1.053 |
| | | Erie, Pa. | 1.038 |
| | | Duluth, Minn. | 1.021 |

¹ Includes Rock Island and Moline, Ill., and Davenport, Iowa.

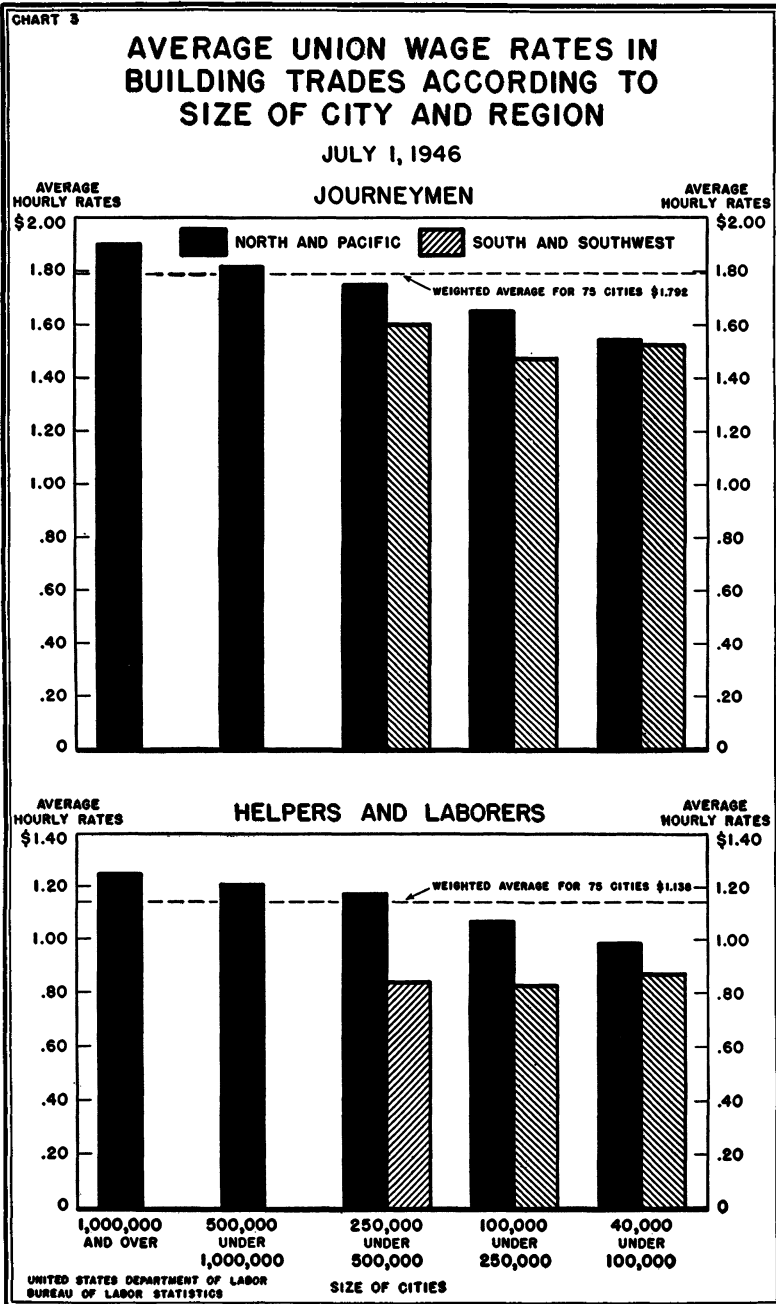
TABLE 6.—Average union hourly wage rates in the building trades, by cities and population groups, July 1, 1946—Continued

| City and population group | Average hourly rate | City and population group | Average hourly rate |
|---------------------------------------|---------------------|---|---------------------|
| <i>Helpers and laborers—Continued</i> | | <i>Helpers and laborers—Continued</i> | |
| Population group IV—continued | | Population group V (40,000 to 100,000): | |
| Charlotte, N. C. | \$1.015 | Butte, Mont. | \$1.169 |
| Average for group IV | 1.015 | Phoenix, Ariz. | 1.062 |
| Reading, Pa. | 1.005 | Madison, Wis. | 1.056 |
| Grand Rapids, Mich. | .983 | Portland, Maine | 1.038 |
| Scranton, Pa. | .951 | Charleston, W. Va. | .951 |
| Wichita, Kans. | .932 | Manchester, N. H. | .921 |
| Oklahoma City, Okla. | .897 | Average for group V | .912 |
| Omaha, Nebr. | .838 | York, Pa. | .859 |
| Norfolk, Va. | .826 | Charleston, S. C. | .773 |
| Tampa, Fla. | .783 | Little Rock, Ark. | .716 |
| Jacksonville, Fla. | .768 | Mobile, Ala. | .680 |
| Nashville, Tenn. | .765 | Jackson, Miss. | .664 |

TABLE 7.—Percent of change in union building trades wage rates in each city, July 1, 1945, to July 1, 1946

| City | Percent of increase | | | City | Percent of increase | | |
|---------------------|---------------------|------------|----------------------|--|---------------------|------------|----------------------|
| | All trades | Journeymen | Helpers and laborers | | All trades | Journeymen | Helpers and laborers |
| All cities | 11.5 | 10.8 | 16.2 | Mobile, Ala. | 7.6 | 8.5 | 0 |
| Atlanta, Ga. | 10.6 | 10.2 | 14.4 | Nashville, Tenn. | 11.2 | 9.8 | 24.9 |
| Baltimore, Md. | 13.2 | 12.5 | 16.5 | Newark, N. J. | 12.1 | 12.2 | 11.9 |
| Binghamton, N. Y. | 9.6 | 9.6 | | New Haven, Conn. | 12.2 | 11.6 | 15.2 |
| Birmingham, Ala. | 15.2 | 13.9 | 22.7 | New Orleans, La. | 10.3 | 9.0 | 13.9 |
| Boston, Mass. | 9.4 | 9.0 | 12.8 | New York, N. Y. | 10.2 | 9.6 | 16.6 |
| Buffalo, N. Y. | 16.5 | 14.8 | 24.6 | Norfolk, Va. | 9.6 | 9.6 | 3.6 |
| Butte, Mont. | 14.4 | 13.1 | 18.0 | Oklahoma City, Okla. | 13.8 | 11.0 | 25.8 |
| Charleston, S. C. | 14.6 | 5.6 | 41.7 | Omaha, Nebr. | 13.8 | 15.6 | .3 |
| Charleston, W. Va. | 10.0 | 8.9 | 19.7 | Peoria, Ill. | 11.7 | 11.6 | 12.4 |
| Charlotte, N. C. | 17.3 | 17.3 | 10.7 | Philadelphia, Pa. | 14.1 | 13.1 | 17.5 |
| Chicago, Ill. | 8.6 | 8.7 | 8.3 | Phoenix, Ariz. | 16.4 | 16.8 | 15.1 |
| Cincinnati, Ohio | 12.4 | 10.8 | 21.1 | Pittsburgh, Pa. | 10.0 | 9.5 | 13.1 |
| Cleveland, Ohio | 7.0 | 6.6 | 10.9 | Portland, Maine | 14.5 | 14.8 | 12.7 |
| Columbus, Ohio | 10.1 | 10.0 | 12.3 | Portland, Ore. | 12.6 | 12.0 | 19.3 |
| Dallas, Tex. | 12.4 | 11.3 | 22.7 | Providence, R. I. | 10.9 | 9.9 | 17.0 |
| Dayton, Ohio | 10.5 | 10.3 | 12.7 | Reading, Pa. | 9.1 | 8.1 | 16.8 |
| Denver, Colo. | 11.7 | 12.7 | 9.3 | Richmond, Va. | 11.3 | 11.3 | 8.4 |
| Des Moines, Iowa | 15.8 | 14.0 | 23.3 | Rochester, N. Y. | 10.8 | 10.4 | 12.9 |
| Detroit, Mich. | 14.3 | 14.2 | 16.1 | Rock Island (Ill.) district ¹ | 13.0 | 12.0 | 18.0 |
| Duluth, Minn. | 14.3 | 12.2 | 28.2 | St. Louis, Mo. | 10.9 | 8.9 | 17.4 |
| El Paso, Tex. | 10.4 | 10.4 | | St. Paul, Minn. | 15.6 | 13.5 | 20.6 |
| Erie, Pa. | 10.2 | 9.1 | 18.4 | Salt Lake City, Utah | 10.9 | 10.3 | 13.0 |
| Grand Rapids, Mich. | 10.4 | 10.4 | 11.1 | San Antonio, Tex. | 15.5 | 14.9 | 22.6 |
| Houston, Tex. | 18.0 | 17.0 | 32.9 | San Francisco, Calif. | 16.4 | 15.5 | 22.1 |
| Indianapolis, Ind. | 12.9 | 13.8 | 8.0 | Scranton, Pa. | 11.8 | 11.9 | 11.4 |
| Jackson, Miss. | 9.3 | 9.3 | | Seattle, Wash. | 8.0 | 7.8 | 11.0 |
| Jacksonville, Fla. | 12.4 | 11.5 | 25.7 | South Bend, Ind. | 12.1 | 11.4 | 14.2 |
| Kansas City, Mo. | 14.2 | 13.6 | 20.3 | Spokane, Wash. | 11.4 | 10.6 | 11.5 |
| Little Rock, Ark. | 11.5 | 10.8 | 17.6 | Springfield, Mass. | 9.5 | 9.1 | 11.5 |
| Los Angeles, Calif. | 11.9 | 11.5 | 15.8 | Tampa, Fla. | 12.7 | 11.4 | 26.7 |
| Louisville, Ky. | 9.0 | 7.5 | 23.0 | Toledo, Ohio | 11.7 | 11.3 | 12.9 |
| Madison, Wis. | 16.7 | 16.7 | 16.9 | Washington, D. C. | 8.2 | 7.4 | 15.8 |
| Manchester, N. H. | 12.9 | 12.4 | 19.4 | Wichita, Kans. | 12.4 | 11.9 | 15.3 |
| Memphis, Tenn. | 16.6 | 14.0 | 27.7 | Worcester, Mass. | 8.8 | 8.7 | 10.4 |
| Milwaukee, Wis. | 13.0 | 12.4 | 17.7 | York, Pa. | 11.8 | 12.3 | 10.1 |
| Minneapolis, Minn. | 14.3 | 13.0 | 20.6 | Youngstown, Ohio | 14.3 | 12.4 | 26.1 |

¹ Includes Rock Island and Moline, Ill., and Davenport, Iowa.



New York and Newark, as in the case of journeymen, also had the highest average rates for helpers and laborers; Mobile, Ala., and Jackson, Miss., were the lowest for helpers and laborers. With few exceptions (generally the highest-wage cities), there seemed to be little relationship between the level of rates for journeymen and helpers. Washington, D. C., for example, had the highest average for journeymen among cities of 500,000 to 1,000,000 population but next to the lowest for helpers and laborers.

In many cities substantial percentage increases were recorded during the year for the helper and laborer groups. The rise of 42 percent in Charleston, S. C., was due to the advance in building laborers' rates from 50 to 75 cents. In Houston, the increase of about 33 percent resulted from changes in rates for building laborers (from 60 to 80 cents an hour) and for other trades (from 75 cents to \$1.00). Other increases of over 25 percent were found in Jacksonville, Memphis, Oklahoma City, Tampa, and Youngstown. The only city showing no increase in the helper and laborer group was Mobile.

Wage rates for building construction workers as a whole were consistently higher in the larger cities. Substantially higher averages were recorded for most building-trades workers in the North and Pacific region as compared with the South and Southwest area (chart 3). The differential for all journeymen trades combined amounted to about 15 cents in group III cities, 18 cents in group IV cities, and about 2 cents in the smallest or group V cities. The largest differences were found in the helper and laborer group, where the averages shown for the North and Pacific region were almost 34 cents higher in group III cities, 24 cents in group IV cities, and 12 cents in group V cities.

Cities in the North and Pacific area had higher journeymen averages than cities in the South and Southwest region in 62 of 74 possible comparisons. With the single exception of elevator constructors' helpers in the group V cities, all 19 comparable averages for helpers and laborers were also substantially higher in the North and Pacific section than in the South and Southwest. The higher average for elevator constructors' helpers among group V cities in the South and Southwest was due to a rate of \$1.38 an hour in Phoenix compared with a rate of \$1.02 in Portland, Maine.

TABLE 8.—Average union wage rate in each building trade by regional and population group, July 1, 1946

| Trade | Cities in population group ¹ | | | | | | | | | | |
|---|---|-----------------------|------------|-------------------|---------------------|------------------|-------------------|---------------------|------------|-------------------|---------------------|
| | Group I ² | Group II ² | Group III | | | Group IV | | | Group V | | |
| | North and Pacific | North and Pacific | All cities | North and Pacific | South and Southwest | All cities | North and Pacific | South and Southwest | All cities | North and Pacific | South and Southwest |
| All building trades..... | \$1.801 | \$1.690 | \$1.563 | \$1.635 | \$1.419 | \$1.474 | \$1.516 | \$1.379 | \$1.385 | \$1.441 | \$1.345 |
| Journeyman..... | 1.902 | 1.815 | 1.702 | 1.750 | 1.602 | 1.593 | 1.651 | 1.473 | 1.532 | 1.543 | 1.524 |
| Asbestos workers..... | 1.862 | 1.803 | 1.728 | 1.735 | 1.718 | 1.775 | 1.812 | 1.642 | 1.703 | 1.755 | 1.657 |
| Boilermakers..... | 1.938 | 1.784 | 1.819 | 1.833 | 1.750 | 1.772 | 1.806 | 1.625 | 1.730 | 1.754 | 1.717 |
| Bricklayers..... | 2.158 | 2.027 | 1.939 | 1.974 | 1.873 | 1.856 | 1.881 | 1.801 | 1.866 | 1.883 | 1.846 |
| Carpenters..... | 1.838 | 1.791 | 1.642 | 1.698 | 1.527 | 1.496 | 1.598 | 1.329 | 1.454 | 1.488 | 1.427 |
| Cement finishers..... | 1.868 | 1.788 | 1.693 | 1.752 | 1.591 | 1.547 | 1.625 | 1.396 | 1.560 | 1.597 | 1.549 |
| Electricians, inside wiremen..... | 1.919 | 1.880 | 1.836 | 1.862 | 1.768 | 1.715 | 1.732 | 1.680 | 1.576 | 1.528 | 1.620 |
| Elevator constructors..... | 1.962 | 1.884 | 1.753 | 1.780 | 1.718 | 1.650 | 1.651 | 1.647 | 1.621 | 1.617 | 1.628 |
| Glaziers..... | 1.886 | 1.665 | 1.542 | 1.572 | 1.466 | 1.373 | 1.424 | 1.197 | 1.364 | 1.407 | 1.320 |
| Granite cutters..... | 1.618 | 1.517 | 1.503 | 1.503 | | | | | | | |
| Lathers..... | 2.033 | 1.924 | 1.844 | 1.871 | 1.771 | 1.714 | 1.761 | 1.632 | 1.606 | 1.649 | 1.590 |
| Machinists..... | 1.879 | 1.753 | 1.780 | 1.809 | 1.644 | 1.619 | 1.620 | (³) | 1.701 | (³) | (³) |
| Marble setters..... | 1.916 | 1.808 | 1.753 | 1.759 | 1.740 | 1.690 | 1.692 | 1.683 | 1.844 | 1.769 | 1.944 |
| Mosaic and terrazzo workers..... | 1.907 | 1.786 | 1.692 | 1.692 | 1.693 | 1.668 | 1.678 | 1.644 | 1.845 | 1.758 | 1.950 |
| Painters..... | 1.811 | 1.714 | 1.598 | 1.662 | 1.449 | 1.476 | 1.510 | 1.400 | 1.427 | 1.392 | 1.462 |
| Paperhangers..... | 1.670 | 1.683 | 1.572 | 1.624 | 1.413 | 1.476 | 1.486 | 1.434 | 1.415 | 1.419 | 1.406 |
| Plasterers..... | 2.059 | 1.949 | 1.860 | 1.939 | 1.731 | 1.776 | 1.825 | 1.721 | 1.764 | 1.734 | 1.781 |
| Plumbers and gas fitters..... | 2.021 | 1.866 | 1.822 | 1.838 | 1.786 | 1.704 | 1.710 | 1.693 | 1.717 | 1.704 | 1.726 |
| Roofers, composition..... | 1.770 | 1.682 | 1.530 | 1.659 | 1.328 | 1.431 | 1.483 | 1.240 | 1.335 | 1.269 | 1.397 |
| Roofers, slate and tile..... | 2.090 | 1.853 | 1.618 | 1.691 | 1.394 | 1.391 | 1.524 | 1.193 | 1.424 | 1.434 | 1.407 |
| Sheet-metal workers..... | 1.970 | 1.786 | 1.725 | 1.754 | 1.642 | 1.558 | 1.599 | 1.462 | 1.520 | 1.546 | 1.505 |
| Sign painters..... | 2.103 | 1.825 | 1.778 | 1.835 | 1.631 | 1.578 | 1.594 | 1.498 | 1.664 | 1.574 | 1.712 |
| Steam and sprinkler fitters..... | 1.983 | 1.828 | 1.829 | 1.843 | 1.801 | 1.704 | 1.709 | 1.692 | 1.737 | 1.739 | 1.734 |
| Stonecutters..... | (³) | 1.801 | 1.379 | 1.403 | 1.365 | (³) | (³) | | | | |
| Stonemasons..... | 2.050 | 1.878 | 1.919 | 1.923 | 1.909 | 1.811 | 1.827 | 1.736 | 1.883 | 1.766 | 1.992 |
| Structural-iron workers..... | 1.986 | 1.902 | 1.820 | 1.880 | 1.749 | 1.781 | 1.817 | 1.672 | 1.653 | 1.689 | 1.629 |
| Rodmen..... | 1.828 | 1.830 | 1.694 | 1.789 | 1.540 | 1.689 | 1.765 | 1.467 | 1.520 | 1.700 | 1.392 |
| Tile layers..... | 1.881 | 1.788 | 1.754 | 1.778 | 1.715 | 1.630 | 1.645 | 1.608 | 1.845 | 1.764 | 1.914 |
| Helpers and laborers..... | 1.245 | 1.207 | 1.048 | 1.175 | .837 | 1.013 | 1.066 | .826 | .912 | .994 | .871 |
| Bricklayers' tenders..... | 1.368 | 1.256 | 1.143 | 1.242 | .957 | 1.080 | 1.103 | .930 | 1.025 | 1.084 | .986 |
| Building laborers..... | 1.126 | 1.161 | .999 | 1.131 | .796 | .976 | 1.038 | .790 | .878 | .952 | .845 |
| Composition roofers' helpers..... | | 1.159 | .934 | 1.093 | .758 | 1.101 | 1.149 | (³) | .750 | (³) | .750 |
| Elevator constructors' helpers..... | 1.373 | 1.307 | 1.236 | 1.252 | 1.209 | 1.161 | 1.164 | 1.145 | 1.132 | 1.088 | 1.218 |
| Marble setters' helpers..... | 1.471 | 1.202 | 1.131 | 1.158 | 1.000 | 1.121 | 1.121 | | .893 | 1.250 | (³) |
| Plasterers' laborers..... | 1.484 | 1.381 | 1.234 | 1.330 | .959 | 1.103 | 1.171 | .901 | 1.104 | 1.234 | 1.052 |
| Plumbers' laborers..... | 1.210 | 1.266 | 1.097 | 1.238 | .895 | .966 | .999 | .888 | .866 | 1.010 | .750 |
| Steam and sprinkler fitters' helpers..... | 1.584 | 1.122 | 1.242 | 1.242 | | | | | .926 | 1.017 | (³) |
| Terrazzo workers' helpers..... | 1.456 | 1.345 | 1.188 | 1.255 | 1.006 | 1.198 | 1.198 | | 1.238 | 1.238 | |
| Tile layers' helpers..... | 1.353 | 1.269 | 1.175 | 1.256 | .978 | 1.027 | 1.031 | (³) | .988 | 1.067 | (³) |

¹ Group I includes cities over 1,000,000 population; group II, 500,000 to 1,000,000; group III, 250,000 to 500,000; group IV, 100,000 to 250,000; and group V, 40,000 to 100,000.² No city of this size in the South or Southwest.³ Insufficient quotations to compute an average.

Overtime and Sunday Rates

After the war most building-trades unions returned to prewar standards regarding overtime and Sunday rates. During the war, time and a half for overtime was the general practice as a result of the wartime stabilization agreement between the contracting agencies of the Federal Government and the Building and Construction Trades Department of the American Federation of Labor.

TABLE 9.—*Distribution of union members in the building trades by overtime and Sunday rates, July 1, 1946*

| Trade | Percent of union members receiving overtime rates of— | | | Percent of union members receiving Sunday rates of— | | |
|---|---|-------------------|-------------|---|-------------------|-------------|
| | No information | Time and one-half | Double time | No information | Time and one-half | Double time |
| All building trades..... | 0.1 | 37.6 | 62.3 | 0.4 | 10.9 | 88.7 |
| Journeymen..... | .1 | 29.5 | 70.4 | .4 | 11.8 | 87.8 |
| Asbestos workers..... | .4 | 21.5 | 78.1 | .8 | 15.4 | 83.8 |
| Boilermakers..... | | 1.5 | 98.5 | | | 100.0 |
| Bricklayers..... | | 7.2 | 92.8 | .8 | .5 | 99.2 |
| Carpenters..... | | 20.3 | 79.7 | .6 | 3.2 | 96.2 |
| Cement finishers..... | | 54.2 | 45.8 | | 7.7 | 92.3 |
| Electricians, inside wiremen..... | | 34.3 | 65.7 | | 21.7 | 78.3 |
| Elevator constructors..... | | 5.3 | 94.7 | | .5 | 99.5 |
| Glaziers..... | | 54.1 | 45.9 | 1.9 | 15.4 | 82.7 |
| Granite cutters..... | | 99.6 | .4 | | 53.8 | 46.2 |
| Lathers..... | 6.2 | 19.9 | 73.9 | 2.1 | 1.1 | 96.8 |
| Machinists..... | | 29.8 | 70.2 | | 5.7 | 94.3 |
| Marble setters..... | .5 | 33.6 | 65.9 | 1.3 | 3.3 | 95.4 |
| Mosaic and terrazzo workers..... | .5 | 51.9 | 47.6 | 7.9 | 6.3 | 85.8 |
| Painters..... | | 61.8 | 38.2 | | 40.4 | 59.6 |
| Paperhangers..... | 2.6 | 74.3 | 23.1 | 2.6 | 23.7 | 73.7 |
| Plasterers..... | | 6.9 | 93.1 | | 2.8 | 97.2 |
| Plumbers and gas fitters..... | | 29.5 | 70.5 | .6 | 10.6 | 88.8 |
| Roofers, composition..... | | 62.5 | 37.5 | | 17.5 | 82.5 |
| Roofers, slate and tile..... | 7.7 | 39.1 | 53.2 | 7.7 | 11.8 | 80.5 |
| Sheet-metal workers..... | | 42.7 | 57.3 | | 5.1 | 94.9 |
| Sign painters..... | | 81.3 | 18.7 | | 19.6 | 80.4 |
| Steam and sprinkler fitters..... | | 30.0 | 70.0 | .5 | 21.6 | 77.9 |
| Stonecutters..... | 5.8 | 6.2 | 88.0 | 5.8 | 2.3 | 91.9 |
| Stonemasons..... | | 8.5 | 91.5 | 1.2 | .2 | 98.6 |
| Structural-iron workers..... | | 1.9 | 98.1 | .3 | .6 | 99.1 |
| Rodmen..... | | 9.8 | 90.2 | .7 | .3 | 99.0 |
| Tile layers..... | .9 | 47.8 | 51.3 | 1.5 | 3.2 | 95.3 |
| Helpers and laborers..... | (1) | 72.8 | 27.2 | .6 | 7.1 | 92.3 |
| Bricklayers' tenders..... | | 81.1 | 18.9 | | 9.0 | 91.0 |
| Building laborers..... | | 77.0 | 23.0 | .8 | 6.3 | 92.9 |
| Composition roofers' helpers..... | 5.7 | 67.3 | 27.0 | 5.7 | 28.5 | 65.8 |
| Elevator constructors' helpers..... | | 4.9 | 95.1 | | .4 | 99.6 |
| Marble setters' helpers..... | | 54.0 | 46.0 | 2.2 | 1.4 | 96.4 |
| Plasterers' laborers..... | | 57.6 | 42.4 | | 9.8 | 90.2 |
| Plumbers' laborers..... | | 53.8 | 46.2 | | 6.0 | 94.0 |
| Steam and sprinkler fitters' helpers..... | | 8.1 | 91.9 | | 7.3 | 92.7 |
| Terrazzo workers' helpers..... | | 56.3 | 43.7 | 1.6 | 1.6 | 96.8 |
| Tile layers' helpers..... | | 48.2 | 51.8 | .2 | 6.0 | 93.8 |

¹ Less than a tenth of 1 percent.

In July 1946, over three-fifths of the journeymen received double the basic rate if they were required to work other than regular hours. In this industry, this generally means after 8 hours per day, 40 hours per week, on Saturdays, or beyond specified daily hours such as after 5 p. m. or before 8 a. m. Only 8 trades had a majority of their members covered by an overtime rate of time and a half. In 7 trades, over

90 percent of the membership was included under double-time rates. About 9 of every 10 journeymen received double time if required to work on Sunday.

The situation was different for helpers and laborers, as only about a fourth of the workers received double pay for work at other than regular hours; about three-fourths received time and a half. If required to work on Sunday, however, 9 out of 10 helpers and laborers received double time, their proportion equaling that of journeymen.

Weekly Hours

TREND OF STRAIGHT-TIME WEEKLY HOURS, 1946

On July 1, 1946, straight-time weekly hours averaged 39.2 for all building-trades workers; journeymen averaged 39.1 hours and helpers and laborers 39.5 (table 12). Over four-fifths of the journeymen were on the standard 40-hour week; most of the others had a 35-hour week. Electricians, plasterers, and plumbers were the only trades with a substantial percentage of members on the 30-hour week, largely owing to the 30-hour straight-time week for these trades in New York City. Nine out of every 10 helpers and laborers were covered by the 40-hour week.

TABLE 10.—*Indexes of union weekly hours in all building trades, 1907-46*
[1939=100]

| Year | All trades | Journeymen | Helpers and laborers | Year | All trades | Journeymen | Helpers and laborers |
|-----------|------------|------------|----------------------|-----------|------------|------------|----------------------|
| 1907..... | 124.3 | 123.8 | 126.1 | 1927..... | 114.7 | 114.8 | 113.9 |
| 1908..... | 122.4 | 122.0 | 123.5 | 1928..... | 114.0 | 114.0 | 113.8 |
| 1909..... | 120.7 | 120.5 | 121.0 | 1929..... | 113.0 | 113.3 | 111.5 |
| 1910..... | 119.2 | 119.1 | 118.8 | 1930..... | 109.8 | 110.0 | 109.0 |
| 1911..... | 118.8 | 118.7 | 118.6 | 1931..... | 108.5 | 108.5 | 108.1 |
| 1912..... | 118.4 | 118.3 | 118.3 | 1932..... | 106.5 | 106.6 | 105.7 |
| 1913..... | 118.2 | 118.0 | 118.3 | 1933..... | 106.2 | 106.2 | 105.2 |
| 1914..... | 117.7 | 117.7 | 117.6 | 1934..... | 102.3 | 102.3 | 101.9 |
| 1915..... | 117.6 | 117.6 | 117.5 | 1935..... | 101.5 | 101.5 | 101.2 |
| 1916..... | 117.2 | 117.1 | 117.2 | 1936..... | 101.5 | 101.5 | 101.4 |
| 1917..... | 116.9 | 116.9 | 116.7 | 1937..... | 101.9 | 101.9 | 101.8 |
| 1918..... | 116.3 | 116.2 | 116.3 | 1938..... | 100.2 | 100.1 | 100.2 |
| 1919..... | 115.7 | 115.7 | 115.2 | 1939..... | 100.0 | 100.0 | 100.0 |
| 1920..... | 115.1 | 115.2 | 114.5 | 1940..... | 99.9 | 100.0 | 99.4 |
| 1921..... | 115.0 | 115.1 | 114.5 | 1941..... | 100.3 | 100.5 | 99.7 |
| 1922..... | 115.0 | 115.2 | 114.2 | 1942..... | 101.1 | 101.8 | 98.8 |
| 1923..... | 115.1 | 115.3 | 114.4 | 1943..... | 101.0 | 102.0 | 98.1 |
| 1924..... | 115.1 | 115.3 | 114.4 | 1944..... | 101.2 | 102.2 | 98.1 |
| 1925..... | 115.1 | 115.3 | 114.2 | 1945..... | 101.2 | 102.2 | 98.1 |
| 1926..... | 114.9 | 115.1 | 113.9 | 1946..... | 100.2 | 101.1 | 97.4 |

Straight-time weekly hours for all building-trades workers declined about 1 percent during the year, bringing the index to 100.2—very close to the 1941 figure (table 10). This reduction was caused by the termination of the agreement between the unions and the Govern-

ment which established the 40-hour week,⁷ and by the transfer of workers from Government to private projects. Prior to the war, many unions had straight-time workweeks of less than 40 hours and in general did not require overtime pay for hours up to 40 per week on either Federal or private work during the war. Because of the large volume of work available at the present time, some of these unions continued their 40-hour week agreements.

TABLE 11.—*Indexes of union weekly hours in each building trade, 1907 to 1946*

[1939=100]

| Year | Asbestos workers | Boiler-makers | Brick-layers | Carpenters | Cement finishers | Electricians (inside wiremen) | Elevator constructors | Glaziers | Granite cutters |
|------|------------------|---------------|--------------|------------|------------------|-------------------------------|-----------------------|----------|-----------------|
| 1907 | | | 122.9 | 121.0 | 122.7 | 124.2 | | | 120.2 |
| 1908 | | | 120.3 | 119.2 | 121.6 | 123.3 | | | 119.9 |
| 1909 | | | 117.8 | 117.8 | 122.5 | 122.5 | | | 119.9 |
| 1910 | | | 115.6 | 116.4 | 122.3 | 121.8 | | | 119.5 |
| 1911 | | | 115.1 | 115.8 | 121.1 | 121.6 | | | 119.1 |
| 1912 | | | 115.1 | 115.7 | 121.1 | 121.2 | | | 118.6 |
| 1913 | | | 114.9 | 115.6 | 119.8 | 120.7 | | | 117.2 |
| 1914 | | | 114.4 | 115.1 | 119.0 | 120.3 | 114.7 | | 117.7 |
| 1915 | | | 114.3 | 115.1 | 119.0 | 119.6 | 114.2 | | 117.7 |
| 1916 | 115.1 | | 114.0 | 115.1 | 117.2 | 118.6 | 114.1 | | 117.6 |
| 1917 | 114.6 | | 113.7 | 115.1 | 115.9 | 118.1 | 113.5 | | 117.6 |
| 1918 | 114.0 | | 113.7 | 113.9 | 115.3 | 117.3 | 113.5 | 118.0 | 117.6 |
| 1919 | 112.8 | | 113.5 | 113.2 | 114.4 | 116.3 | 112.7 | 118.0 | 117.6 |
| 1920 | 112.7 | | 113.4 | 113.3 | 113.8 | 116.0 | 112.6 | 117.5 | 117.6 |
| 1921 | 113.0 | | 113.4 | 113.2 | 113.8 | 116.0 | 112.5 | 118.0 | 117.3 |
| 1922 | 113.0 | | 113.4 | 113.3 | 113.7 | 116.0 | 112.2 | 118.1 | 116.4 |
| 1923 | 112.7 | | 113.4 | 113.7 | 113.7 | 116.0 | 112.3 | 117.5 | 117.1 |
| 1924 | 112.8 | | 113.3 | 113.5 | 113.7 | 115.9 | 112.3 | 117.5 | 117.5 |
| 1925 | 112.8 | | 113.2 | 113.5 | 113.4 | 115.9 | 112.2 | 117.1 | 117.6 |
| 1926 | 112.8 | | 113.3 | 113.5 | 113.4 | 115.9 | 112.2 | 117.5 | 117.3 |
| 1927 | 112.7 | | 112.7 | 113.5 | 113.0 | 115.9 | 112.2 | 117.9 | 117.6 |
| 1928 | 112.7 | | 112.7 | 112.9 | 112.4 | 115.3 | 112.2 | 117.4 | 117.6 |
| 1929 | 111.7 | | 109.8 | 112.9 | 112.5 | 112.6 | 111.7 | 116.1 | 117.2 |
| 1930 | 107.6 | | 107.1 | 109.4 | 108.1 | 109.9 | 108.2 | 112.4 | 111.6 |
| 1931 | 105.0 | | 105.5 | 107.7 | 106.9 | 108.8 | 106.1 | 110.4 | 110.7 |
| 1932 | 103.7 | | 103.1 | 105.0 | 105.6 | 106.2 | 106.1 | 107.9 | 111.1 |
| 1933 | 102.6 | | 104.2 | 103.4 | 107.6 | 106.2 | 103.9 | 107.9 | 109.7 |
| 1934 | 102.5 | | 102.4 | 102.5 | 103.7 | 99.9 | 103.0 | 102.3 | 108.0 |
| 1935 | 101.7 | | 102.3 | 102.0 | 103.5 | 95.8 | 102.7 | 101.6 | 108.0 |
| 1936 | 102.0 | | 102.3 | 102.1 | 103.0 | 96.2 | 103.5 | 102.0 | 107.3 |
| 1937 | 101.7 | 105.3 | 103.3 | 101.9 | 103.1 | 100.9 | 103.2 | 102.1 | 107.7 |
| 1938 | 100.0 | 100.0 | 99.9 | 100.0 | 100.0 | 100.3 | 102.5 | 100.2 | 100.0 |
| 1939 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1940 | 99.4 | 100.0 | 99.7 | 100.0 | 100.2 | 100.0 | 99.6 | 100.0 | 100.0 |
| 1941 | 100.0 | 100.5 | 99.9 | 100.6 | 100.7 | 100.6 | 99.3 | 100.6 | 100.0 |
| 1942 | 100.1 | 100.6 | 100.8 | 100.8 | 100.6 | 104.6 | 99.0 | 102.0 | 100.0 |
| 1943 | 100.1 | 100.6 | 100.8 | 100.8 | 100.6 | 104.6 | 99.0 | 102.0 | 100.0 |
| 1944 | 100.1 | 100.6 | 100.8 | 101.1 | 100.6 | 104.6 | 99.0 | 102.0 | 100.0 |
| 1945 | 100.1 | 100.6 | 100.8 | 101.1 | 100.6 | 104.6 | 99.0 | 102.0 | 100.0 |
| 1946 | 101.2 | 98.6 | 100.3 | 100.3 | 100.4 | 100.5 | 99.0 | 102.0 | 100.0 |

⁷ An agreement between the Building and Construction Trades Department of the American Federation of Labor and the Contracting Agencies of the United States Government, dated May 22, 1942, and effective July 1 of that year, stabilized wages and established the straight-time 40-hour week on all Government projects.

TABLE 11.—*Indexes of union weekly hours in each building trade, 1907 to 1946—Con.*

[1939=100]

| Year | Lathers | Machin- ists | Marble setters | Mosaic and terrazzo workers | Paint- ers | Paper- hangers | Plaster- ers | Plumb- ers and gas fit- ters | Rod- men |
|------|-----------------------------------|------------------------------------|----------------------------|--------------------------------------|---|-------------------|------------------|--|----------------|
| 1907 | | | 113.0 | | 133.1 | | 125.8 | 120.6 | |
| 1908 | | | 113.0 | | 131.0 | | 125.2 | 120.7 | |
| 1909 | | | 111.8 | | 129.2 | | 125.2 | 120.7 | |
| 1910 | | | 111.6 | | 127.5 | | 125.1 | 120.5 | |
| 1911 | | | 111.1 | | 126.7 | | 125.8 | 120.2 | |
| 1912 | 121.8 | | 111.1 | | 126.6 | | 124.3 | 119.2 | |
| 1913 | 121.8 | | 111.1 | | 125.9 | | 124.3 | 119.2 | |
| 1914 | 121.8 | | 110.9 | | 125.6 | | 124.2 | 118.8 | |
| 1915 | 121.2 | | 110.9 | | 125.6 | | 123.6 | 118.8 | |
| 1916 | 121.2 | | 110.7 | 118.5 | 124.7 | | 122.3 | 118.2 | |
| 1917 | 120.6 | | 110.6 | 118.5 | 124.6 | | 122.2 | 118.1 | |
| 1918 | 120.6 | | 110.6 | 114.3 | 124.0 | | 121.9 | 117.1 | |
| 1919 | 120.3 | | 110.1 | 114.3 | 123.8 | | 121.9 | 116.7 | |
| 1920 | 119.6 | | 110.1 | 114.3 | 120.2 | | 121.6 | 116.7 | |
| 1921 | 119.3 | | 110.2 | 114.3 | 120.3 | | 121.3 | 116.5 | |
| 1922 | 119.4 | | 110.2 | 114.3 | 121.2 | | 121.4 | 116.5 | |
| 1923 | 119.8 | | 110.2 | 114.3 | 120.9 | | 122.0 | 116.5 | |
| 1924 | 119.6 | | 110.2 | 114.4 | 120.8 | | 122.1 | 116.5 | |
| 1925 | 119.2 | | 110.2 | 114.3 | 121.1 | | 121.7 | 116.5 | |
| 1926 | 118.9 | | 110.2 | 114.3 | 120.7 | | 118.2 | 116.5 | |
| 1927 | 118.3 | | 110.1 | 113.9 | 120.2 | | 117.7 | 116.2 | |
| 1928 | 117.7 | | 110.1 | 113.9 | 117.0 | | 116.7 | 116.2 | |
| 1929 | 117.1 | | 110.1 | 114.0 | 116.7 | | 115.6 | 115.2 | |
| 1930 | 110.4 | | 104.3 | 107.8 | 115.4 | | 113.0 | 109.9 | |
| 1931 | 109.8 | | 102.4 | 106.7 | 114.4 | | 112.1 | 108.4 | |
| 1932 | 109.3 | | 101.3 | 102.4 | 114.2 | | 110.1 | 108.0 | |
| 1933 | 108.8 | | 101.2 | 103.8 | 114.0 | | 112.4 | 107.5 | |
| 1934 | 102.5 | | 100.1 | 103.7 | 99.9 | | 107.6 | 106.5 | |
| 1935 | 102.3 | | 100.1 | 103.0 | 99.8 | | 105.9 | 105.8 | |
| 1936 | 101.3 | | 100.0 | 101.9 | 100.2 | | 104.2 | 104.4 | |
| 1937 | 102.7 | 100.7 | 102.0 | 102.6 | 100.2 | 100.5 | 104.3 | 105.0 | 100.1 |
| 1938 | 100.8 | 100.1 | 100.0 | 100.0 | 100.4 | 99.8 | 100.0 | 99.7 | 100.1 |
| 1939 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1940 | 99.8 | 100.0 | 95.5 | 100.0 | 100.5 | 100.3 | 99.8 | 99.0 | 100.0 |
| 1941 | 100.7 | 99.8 | 95.7 | 100.3 | 100.7 | 100.8 | 100.1 | 99.4 | 100.9 |
| 1942 | 102.5 | 99.8 | 95.7 | 100.3 | 106.5 | 108.0 | 102.0 | 99.9 | 101.9 |
| 1943 | 103.4 | 99.8 | 95.7 | 100.3 | 106.5 | 108.0 | 106.0 | 101.8 | 101.0 |
| 1944 | 103.0 | 99.8 | 95.7 | 100.3 | 106.8 | 108.9 | 106.1 | 101.8 | 101.0 |
| 1945 | 103.6 | 99.8 | 95.7 | 100.3 | 106.8 | 108.9 | 106.1 | 101.8 | 101.0 |
| 1946 | 102.2 | 99.3 | 95.7 | 100.3 | 106.1 | 108.7 | 104.1 | 98.3 | 100.4 |
| Year | Roof- ers— composi- tion | Roof- ers— slate and tile | Sheet- metal workers | Sign painters | Steam and sprin- kler fit- ters | Stone- cutters | Stone- masons | Struc- tural- iron workers ¹ | Tile layers |
| 1907 | | | 117.0 | | 120.3 | 110.2 | 118.4 | 121.3 | |
| 1908 | | | 116.9 | | 120.3 | 110.2 | 118.4 | 118.9 | |
| 1909 | | | 116.9 | | 120.0 | 110.2 | 118.4 | 117.3 | |
| 1910 | | | 116.9 | | 119.3 | 110.2 | 116.6 | 116.0 | |
| 1911 | | | 116.6 | | 119.2 | 110.2 | 115.8 | 115.8 | |
| 1912 | | | 115.1 | | 118.4 | 109.9 | 115.8 | 114.6 | 111.5 |
| 1913 | | | 114.9 | 116.1 | 118.0 | 109.8 | 115.7 | 114.1 | 113.9 |
| 1914 | 113.2 | 112.8 | 114.8 | 115.7 | 116.5 | 109.8 | 115.7 | 113.9 | 113.9 |
| 1915 | 113.2 | 112.8 | 114.6 | 115.3 | 116.5 | 109.8 | 115.6 | 113.9 | 113.5 |
| 1916 | 113.2 | 112.4 | 114.1 | 115.5 | 116.1 | 109.4 | 115.4 | 113.6 | 112.9 |
| 1917 | 112.4 | 110.4 | 114.0 | 114.9 | 116.0 | 109.3 | 115.3 | 113.4 | 112.6 |
| 1918 | 111.9 | 110.4 | 112.8 | 114.8 | 114.9 | 109.3 | 115.3 | 113.0 | 112.6 |
| 1919 | 111.9 | 110.1 | 112.3 | 114.7 | 114.8 | 109.3 | 114.6 | 112.8 | 112.1 |
| 1920 | 111.9 | 110.1 | 111.9 | 114.6 | 114.7 | 109.1 | 114.6 | 112.8 | 111.8 |
| 1921 | 109.8 | 110.0 | 111.9 | 114.7 | 114.6 | 109.1 | 114.7 | 112.8 | 111.9 |
| 1922 | 109.8 | 109.9 | 111.8 | 114.7 | 114.6 | 109.1 | 114.6 | 112.8 | 111.7 |
| 1923 | 109.8 | 110.2 | 111.8 | 112.5 | 114.6 | 109.0 | 114.6 | 112.8 | 112.0 |
| 1924 | 109.8 | 109.8 | 111.8 | 110.6 | 114.6 | 109.0 | 114.3 | 112.8 | 112.0 |
| 1925 | 109.8 | 109.8 | 111.8 | 110.6 | 114.6 | 109.3 | 114.3 | 112.5 | 112.0 |
| 1926 | 109.8 | 109.8 | 111.8 | 112.8 | 114.4 | 109.0 | 114.5 | 112.8 | 112.0 |

¹ Included rodmen prior to 1940.

TABLE 11.—Indexes of union weekly hours in each building trade, 1907 to 1946—Con.

[1939=100]

| Year | Roofers—composition | Roofers—slate and tile | Sheet-metal workers | Sign painters | Steam and sprinkler fitters | Stone-cutters | Stonemasons | Structural iron workers ¹ | Tile layers |
|------|---------------------|------------------------|---------------------|---------------|-----------------------------|---------------|-------------|--------------------------------------|-------------|
| 1927 | 109.8 | 109.8 | 111.4 | 110.8 | 114.2 | 109.0 | 114.3 | 112.8 | 111.9 |
| 1928 | 109.7 | 109.8 | 111.1 | 110.7 | 114.2 | 109.1 | 114.2 | 112.7 | 111.6 |
| 1929 | 109.2 | 108.5 | 111.0 | 108.8 | 113.6 | 108.9 | 110.9 | 112.2 | 111.4 |
| 1930 | 104.9 | 103.8 | 106.9 | 107.8 | 108.5 | 105.6 | 107.1 | 108.8 | 105.6 |
| 1931 | 103.6 | 102.1 | 105.1 | 106.8 | 107.4 | 105.0 | 105.2 | 107.5 | 104.2 |
| 1932 | 102.5 | 102.1 | 103.6 | 106.2 | 106.4 | 102.7 | 104.8 | 104.8 | 103.1 |
| 1933 | 103.8 | 102.1 | 103.5 | 106.4 | 105.8 | 102.7 | 104.0 | 104.5 | 102.9 |
| 1934 | 101.1 | 101.7 | 102.0 | 103.5 | 105.1 | 101.3 | 103.5 | 103.0 | 96.0 |
| 1935 | 101.0 | 100.4 | 102.1 | 101.3 | 104.8 | 101.0 | 103.4 | 101.8 | 96.0 |
| 1936 | 101.6 | 101.3 | 102.0 | 101.1 | 105.0 | 101.1 | 103.4 | 101.7 | 95.9 |
| 1937 | 101.7 | 101.2 | 102.1 | 101.1 | 105.1 | 101.1 | 103.4 | 101.2 | 100.0 |
| 1938 | 99.9 | 100.0 | 100.0 | 100.1 | 99.6 | 99.9 | 100.0 | 100.1 | 100.0 |
| 1939 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1940 | 99.6 | 99.9 | 100.0 | 100.2 | 100.0 | 99.9 | 99.9 | 100.0 | 100.0 |
| 1941 | 100.3 | 99.9 | 100.8 | 100.2 | 100.6 | 98.3 | 100.0 | 100.4 | 100.4 |
| 1942 | 100.4 | 101.3 | 100.9 | 100.0 | 102.2 | 98.4 | 100.2 | 101.1 | 100.7 |
| 1943 | 100.3 | 101.1 | 100.9 | 100.2 | 102.2 | 98.4 | 100.2 | 101.1 | 100.7 |
| 1944 | 100.2 | 101.1 | 100.9 | 100.2 | 102.2 | 98.4 | 100.2 | 101.1 | 100.7 |
| 1945 | 100.2 | 101.1 | 100.9 | 100.2 | 102.2 | 98.4 | 100.2 | 101.1 | 100.7 |
| 1946 | 99.9 | 101.1 | 100.8 | 99.4 | 101.3 | 98.4 | 100.0 | 101.1 | 100.7 |

| Year | Bricklayers' tenders | Building laborers | Composition roofers' helpers | Plasterers' laborers | Plumbers' laborers | Steam and sprinkler fitters' helpers | Tile layers' helpers |
|------|----------------------|-------------------|------------------------------|----------------------|--------------------|--------------------------------------|----------------------|
| 1907 | 118.9 | 121.6 | ----- | 125.7 | ----- | 125.4 | ----- |
| 1908 | 118.9 | 121.6 | ----- | 125.2 | ----- | 125.3 | ----- |
| 1909 | 118.5 | 121.2 | ----- | 124.9 | ----- | 125.1 | ----- |
| 1910 | 117.5 | 118.3 | ----- | 124.9 | ----- | 123.8 | ----- |
| 1911 | 116.9 | 118.3 | ----- | 124.8 | ----- | 123.7 | ----- |
| 1912 | 116.0 | 118.3 | ----- | 124.2 | ----- | 123.6 | 126.2 |
| 1913 | 116.0 | 118.3 | ----- | 124.2 | ----- | 123.3 | 125.6 |
| 1914 | 114.5 | 117.9 | ----- | 124.3 | ----- | 124.1 | 125.6 |
| 1915 | 114.5 | 117.9 | ----- | 124.3 | ----- | 124.1 | 123.7 |
| 1916 | 114.5 | 117.3 | ----- | 123.1 | ----- | 123.7 | 123.3 |
| 1917 | 114.4 | 116.0 | ----- | 122.9 | ----- | 123.7 | 122.3 |
| 1918 | 114.4 | 115.5 | ----- | 122.9 | ----- | 122.0 | 122.3 |
| 1919 | 114.0 | 113.3 | ----- | 122.4 | ----- | 121.9 | 121.9 |
| 1920 | 113.8 | 112.1 | ----- | 122.4 | ----- | 121.9 | 121.9 |
| 1921 | 113.8 | 112.1 | ----- | 121.9 | ----- | 121.9 | 122.1 |
| 1922 | 114.0 | 111.3 | ----- | 121.9 | ----- | 122.0 | 122.1 |
| 1923 | 114.0 | 112.1 | ----- | 122.0 | ----- | 122.0 | 123.2 |
| 1924 | 113.9 | 111.8 | ----- | 121.9 | ----- | 122.0 | 123.2 |
| 1925 | 113.8 | 111.9 | ----- | 121.8 | ----- | 122.0 | 123.2 |
| 1926 | 113.9 | 112.1 | ----- | 117.8 | ----- | 121.9 | 123.2 |
| 1927 | 113.9 | 112.3 | ----- | 117.7 | ----- | 122.1 | 123.2 |
| 1928 | 113.9 | 112.2 | ----- | 118.0 | ----- | 121.7 | 123.2 |
| 1929 | 107.6 | 112.1 | ----- | 117.9 | ----- | 121.7 | 122.6 |
| 1930 | 106.9 | 110.0 | ----- | 114.9 | ----- | 112.0 | 114.7 |
| 1931 | 106.3 | 108.7 | ----- | 113.9 | ----- | 111.7 | 113.5 |
| 1932 | 104.0 | 104.9 | ----- | 113.6 | ----- | 111.6 | 112.0 |
| 1933 | 103.4 | 104.5 | ----- | 111.7 | ----- | 111.4 | 112.1 |
| 1934 | 101.5 | 99.9 | ----- | 108.3 | ----- | 110.8 | 107.4 |
| 1935 | 101.4 | 99.8 | ----- | 107.0 | ----- | 110.8 | 98.5 |
| 1936 | 101.2 | 100.3 | ----- | 105.2 | ----- | 111.3 | 93.5 |
| 1937 | 101.5 | 100.6 | 100.0 | 105.2 | ----- | 111.7 | 100.0 |
| 1938 | 100.3 | 100.1 | 100.0 | 100.3 | 100.0 | 100.1 | 100.0 |
| 1939 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1940 | 99.9 | 99.4 | 99.7 | 99.6 | 99.9 | 100.0 | 100.0 |
| 1941 | 99.8 | 99.7 | 100.3 | 100.0 | 99.6 | 100.0 | 100.4 |
| 1942 | 98.6 | 98.8 | 100.6 | 100.1 | 96.4 | 100.2 | 100.4 |
| 1943 | 98.4 | 97.4 | 100.1 | 100.7 | 99.8 | 110.6 | 100.4 |
| 1944 | 98.4 | 97.4 | 100.1 | 100.7 | 99.7 | 110.6 | 100.4 |
| 1945 | 98.4 | 97.4 | 100.1 | 100.7 | 99.7 | 110.5 | 100.4 |
| 1946 | 96.9 | 97.2 | 100.1 | 100.0 | 96.9 | 102.7 | 100.4 |

¹ Including rodmen prior to 1940.

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TABLE 12.—*Distribution of union members in building trades, by straight-time weekly hours, July 1, 1946*

| Trade | Average hours per week | Percent of union members having workweeks of— | | | | |
|-----------------------------------|------------------------|---|----------|----------|----------|----------|
| | | 30 hours | 35 hours | 40 hours | 44 hours | 48 hours |
| All building trades..... | 39.2 | | | | | |
| Journeyman..... | 39.1 | 2.5 | 13.0 | 84.4 | (1) | 0.1 |
| Asbestos workers..... | 39.4 | | 11.1 | 88.9 | | |
| Boilermakers..... | 39.2 | | 15.7 | 84.3 | | |
| Bricklayers..... | 38.3 | .9 | 32.9 | 66.2 | | |
| Carpenters..... | 39.3 | .1 | 13.3 | 86.6 | | |
| Cement finishers..... | 39.9 | | 8.7 | 87.3 | | 4.0 |
| Electricians, inside wiremen..... | 38.4 | 14.4 | 2.7 | 82.9 | | |
| Elevator constructors..... | 40.0 | | | 100.0 | | |
| Glaziers..... | 39.3 | | 13.5 | 86.5 | | |
| Granite cutters..... | 38.7 | | 26.3 | 73.7 | | |
| Lathers..... | 38.5 | 6.4 | 17.5 | 76.1 | | |
| Machinists..... | 39.7 | | 6.0 | 94.0 | | |
| Marble setters..... | 39.7 | 3.3 | | 96.7 | | |
| Mosaic and terrazzo workers..... | 38.7 | | 25.9 | 74.1 | | |
| Painters..... | 39.0 | | 20.6 | 79.4 | (1) | .4 |
| Paperhangers..... | 39.7 | | 5.5 | 94.1 | | |
| Plasterers..... | 37.9 | 20.9 | .2 | 78.9 | | |
| Plumbers and gas fitters..... | 38.0 | 16.6 | 7.0 | 76.4 | | |
| Roofers, composition..... | 39.5 | | 9.4 | 90.4 | | .2 |
| Sheet-metal workers..... | 40.0 | | | 100.0 | | |
| Sign painters..... | 39.5 | | 10.5 | 89.5 | | |
| Steam and sprinkler fitters..... | 38.7 | | 27.6 | 71.4 | 1.0 | |
| Stonecutters..... | 39.7 | .1 | 6.7 | 93.2 | | |
| Stonemasons..... | 37.1 | | 57.9 | 42.1 | | |
| Structural-iron workers..... | 38.8 | .9 | 22.2 | 76.9 | | |
| Rodmen..... | 39.9 | | 2.9 | 97.1 | | |
| Tile layers..... | 39.8 | | 4.9 | 95.1 | | |
| | 40.0 | | | 100.0 | | |

| Trade | Average hours per week | Percent of union members having workweeks of— | | | | | |
|---|------------------------|---|------------|----------|----------|----------|----------|
| | | 30 hours | 32.5 hours | 35 hours | 40 hours | 45 hours | 48 hours |
| All helpers and laborers..... | 39.5 | 1.1 | 0.4 | 6.8 | 91.2 | 0.3 | 0.2 |
| Bricklayers' tenders..... | 39.0 | (1) | 1.2 | 18.6 | 79.2 | 1.0 | |
| Building laborers..... | 39.8 | (1) | | 3.5 | 96.2 | | .3 |
| Composition roofers' helpers..... | 39.8 | | | 3.8 | 96.2 | | |
| Elevator constructors' helpers..... | 40.0 | | | | 100.0 | | |
| Marble setters' helpers..... | 40.0 | .3 | | | 99.7 | | |
| Plasterers' laborers..... | 39.0 | 7.5 | 2.5 | 1.6 | 87.5 | .9 | |
| Plumbers' laborers..... | 38.9 | 10.9 | | | 89.1 | | |
| Steam and sprinkler fitters' helpers..... | 37.2 | | | 56.4 | 43.6 | | |
| Terrazzo workers' helpers..... | 38.6 | .3 | | 28.0 | 71.7 | | |
| Tile layers' helpers..... | 40.0 | .1 | | | 99.9 | | |

¹ Less than a tenth of 1 percent.

Straight-time hours for journeymen fell somewhat more than for helpers and laborers, because very little adjustment was necessary in 1942 to bring the helpers to a 40-hour week, whereas greater adjustment was necessary for the journeymen. The greatest hourly reduction recorded (7 percent for steam and sprinkler fitters' helpers) resulted from a decrease in hours (from 40 to 35) in New York City.

Apprentices

Typical of the significant changes brought about by the postwar boom in the construction industry was the indication (by more than 1,050 building-trades locals in the cities surveyed) that there were

approximately 9 active journeymen for each apprentice in July 1946, contrasted with a ratio of almost 34 to 1 a year earlier. Proportions of apprentices to journeymen ranged from less than 2 percent for stonecutters and stonemasons to 23 percent for asbestos workers. Exceeding the over-all average of 9 to 1 were the electricians, cement finishers and plasterers, and sheet-metal workers, with about 5 journeymen to each apprentice. A low ratio was recorded for painters and paperhangers—1 apprentice to more than 20 journeymen. Significant increases in the apprentice labor force were reported by the carpenters, bricklayers, cement finishers, lathers, plasterers, and sign painters.

Trade practices, labor-market conditions, and custom exert far greater influence on apprentice-journeymen ratios than size of trade membership. Carpenters, with the largest membership tabulated, had about 1 apprentice for each 10 journeymen, whereas asbestos workers, with about 2 percent as many members as the carpenters, reported about 1 apprentice for every 4 journeymen.

Over two-fifths of the locals queried reported that union regulations permitted further expansion of the apprentice force over the number employed July 1, 1946. This group included virtually all of the granite and the stonecutters' locals, about two-thirds of the cement finishers' and plasterers', and half of the lathers' and roofers' unions. Among the 22 cities in which at least 50 percent of the building-trades locals indicated that opportunity for expansion existed were Chicago, New York, Philadelphia, Pittsburgh, and San Francisco. On the other hand, more than three-fifths of the locals of boilermakers, bricklayers, electricians, glaziers, plumbers, and sheet-metal workers reported that apprentice membership could not be further increased. Two-thirds of the locals contacted stated that they would not favor employing more apprentices than their existing ratios permitted. In contrast, significant proportions (although in no case a majority) of the bricklayers', cement finishers' and plasterers', lathers', and roofers' locals favored the employment of more apprentices than allowed by present ratio. Two of the numerically small trades had a majority of the locals on record as favoring an expansion of the apprentice ratios.

Better than 7 of every 10 locals tabulated have established apprentice programs in cooperation with employers or their associations and have registered these programs with either a State or Federal apprentice agency. About two-thirds of the locals reported that the average apprentice rate, considered as a percentage of the journeyman rate, was higher in July 1946 than in 1939.

Union Participation in Residential Construction

Seventy-three percent of the building-trades locals reported that they negotiated agreements covering most of the residential construction work in their areas. At least 8 out of 10 locals of building laborers, painters and paperhangers, electricians, carpenters, and plumbers, and a slightly lower proportion of bricklayers, cement finishers and plasterers, glaziers, and sheet-metal locals indicated that they controlled the bulk of residential work in their territory. On a geographical basis, more than half of the unions in 60 cities (44 in the North and Pacific region, 16 in the South and Southwest) had jurisdiction over the major portion of residential work in their localities. In only 8 cities did all of the unions claim to control a majority of this branch of the work.

Almost all the locals reported that their agreements make no provision for lower scales for residential work. According to union officials contacted in the 75 cities surveyed, over 250,000 organized building-trades workers were engaged on residential construction on July 1, 1946, of whom about 89 percent were working under union agreement; the remainder were employed with union sanction. Substantial majorities of the locals asserted that residential work not under union agreement on July 1, 1946, did not generally command lower scales than either union or nonunion commercial work or union residential work.

In two cities (in Pennsylvania), however, all the locals maintained that residential work not under union agreement commanded lower scales than nonunion commercial work. All of the locals in 7 cities reported that such scales were lower than union commercial rates, and in 9 cities each of the locals claimed that lower scales generally prevailed for nonunion residential work than for such work under union agreement.

A Digest of The Development and Activity of The Wage Adjustment Board for The Building Construction Industry

The Wage Adjustment Board for the building and construction industry was originally set up in May 1942, several months before wage controls for other industries were introduced. The Board was established in the Department of Labor as a result of the voluntary agreement entered into on May 22, 1942, between the Building Trades Department of the American Federation of Labor and the Government agencies in charge of building and construction work essential to the prosecution of the war. It was agreed at this time to stabilize wages on Federal projects as of July 1, 1942, for the duration of the war, at rates in effect under collective bargaining agreements. Wage ad-

justments were to be permitted on the recommendation of a wage adjustment board, if the wages (a) were fixed at a time so long before July 1, 1942, as to be out of line with the general wages prevailing; (b) were applicable in a locality where changing conditions in the building construction industry require a revision of wage rates; or (c) do not sufficiently take into account any abnormal change in conditions.

Immediately following the agreement, the administrative order establishing a Wage Adjustment Board for the Building Construction Industry was issued by the Secretary of Labor, with the President's approval. The Board was composed of two officials of the Labor Department, three representatives of Federal contracting agencies and three representatives of labor organizations in the building and construction industry.

When the Emergency Price Control Act of October 2, 1942 was passed and Executive Order 9250, October 3, 1942, was issued providing for the stabilization of the national economy, responsibility for over-all wage stabilization and for approval of wage changes was placed in the National War Labor Board. The Wage Adjustment Board, however, was to continue to function under the War Labor Board as a distinct part of the stabilization program. Moreover, on October 13, 1943 all non-Federal as well as Federal construction wage cases were turned over to the Wage Adjustment Board, and the Board was reconstituted into a tripartite body with three members from the public, three from labor, and three from industry.

According to General Order No. 13 setting up the tripartite Board, the Wage Adjustment Board would be subject both to the provisions of the Wage Stabilization Agreement of May 22, 1942, and to the requirements of the National Wage Stabilization Policy. It was stated further that (a) "brackets of sound and tested going rates" could not be used in appraising adjustments in the rates of workers on building construction projects; (b) the benefits of the "Little Steel" formula would be available to employees in the construction industry; (c) the Wage Adjustment Board may approve adjustments necessary to correct substandards of living; and (d) all adjustments not permissible in the above principles but which, in the opinion of the Wage Adjustment Board, are necessary to the successful prosecution of the war, should be submitted for approval to the National War Labor Board and the Economic Stabilization Director.

The fundamental procedures and policies for adjusting construction wage rates remained substantially unchanged up to November 9, 1946, although the principles and procedures by which wages in other industries were adjusted changed materially right after VJ-day. Whereas during the war, all wage adjustments were subject to direct

control, Executive Order No. 9599, issued August 18, 1945, permitted all but construction employers to make wage increases of any amount without governmental approval, provided the increases were not used as a basis for price increases or increase in the cost of goods or services furnished the United States under procurement agency contracts. All decreases continued under control. By Executive Order No. 9651 (October 30, 1945) the Price Administrator was authorized to take even unapproved wage or salary increases into account for price purposes, after such increases had been in effect for at least 6 months. Wage adjustments which would be used immediately as bases for applying for price relief remained subject to control under certain regulations and standards set forth by the President or by the Stabilization Administrator. The National War Labor Board was succeeded, on its termination December 31, 1945, by the National Wage Stabilization Board, which took over all of the duties and responsibilities of the NWLB, including those relating to the Wage Adjustment Board.

The question was inevitably posed as to why it was necessary to obtain approval for all wage-rate increases in construction when other industries had been partially relieved of this necessity. The answer was that Government wage policy was construed actually to be the same for all industries, but that in adapting the new stabilization policy to construction, the conclusion was reached by Government stabilization officials that any wage increase in construction would result in an actual or potential price increase. It was, therefore, concluded that control over all wage changes should remain in force. Labor costs are of course a large part of construction costs and it was reasoned that job estimates, which invariably reflect prevailing wage rates, would rise as wage rates rose.

In applying the principles of stabilization to the building industry, the Wage Adjustment Board steered a moderate course. Until general wage controls were relaxed after VJ-day, wage increases on construction were kept within the bounds of the Little Steel formula—15 percent of the January 1, 1941 wage rate—except in rare cases vitally affecting war production, and such cases were subject to review and approval of the Director of Economic Stabilization. After August 1945, the principal criterion applied in determining the validity of construction wage increases was the equalizing of intercraft and interarea inequities. Adjustments were also authorized to eliminate substandard wages and to compensate for the rise in cost of living.

Between expiration of the Stabilization Act, June 30, 1946, and approval of the Price-Control Extension Act on July 25, 1946, wages as well as prices were not legally subject to Government control.

During this interim period, while awaiting congressional action and Presidential approval of a stabilization policy, the Wage Adjustment Board recommended a hold-the-line policy. As soon as the Price-Control Extension Act was passed, the Board issued a statement requiring a roll-back of construction wages to the June 30, 1946, level, making August 10, 1946, the deadline for the roll-back, and suggesting that applications for increases which had been made during the interim period be filed immediately. The result was an avalanche of an average of 225 cases a week during the 6 weeks ending September 6, 1946. The weekly number of cases received in the Board was even greater, however, during the spring period, when new contracts are usually negotiated, so that the number stood at well over 250 a week during late April and the first half of May. In October, cases were received at the rate of 100 to 175 a week.

The requests made of the Board were, in most instances, for area rates. Authorizations for adjustment by the Wage Adjustment Board were generally of two types. First, an individual adjustment in response to an application, affecting only those employers signatory to the application, and, second, an adjustment of an area rate which has general application and may be adopted by any contractor in the area, regardless of his previous wage rate history. The policy reflected in the latter type of authorization was of comparatively recent origin, having been adopted by the Board in May 1946.

All wage and salary controls, including those in building construction, were removed on November 9, 1946, by Executive Order 9801 and the Wage Adjustment Board has since ceased operations.

Union Scales of Wages and Hours by Cities and Trades

Table 13 lists the union rates of wages per hour and hours per week in effect on July 1, 1946, and July 1, 1945, for each building trade for which there was an effective union scale in each of the 75 cities included in the survey.

Where two or more union rates for the same occupation in the same city were shown, this was due to the presence of more than one union, each having different scales or to the fact that a particular union had several agreements with different employers. In some cases both of these situations were found simultaneously. Where more than one union rate was effective all were listed, and the letters, A, B, C, etc., were used to designate the different quotations. The sequence of the letters does not indicate the relative importance of the quotations or unions so designated.

Table 14 gives the rate changes between July 1, 1946, and January 15, 1947.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945

ATLANTA, GA.

[Hours per week, 40, unless otherwise indicated]

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|--|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.625 | \$1.500 | Lathers: | | |
| Bricklayers ¹ | 1.750 | 1.590 | Metal..... | \$1.625 | \$1.500 |
| Carpenters ¹ | 1.375 | 1.250 | Wood..... | 1.375 | 1.125 |
| Cement finishers..... | 1.625 | 1.500 | Marble setters..... | 1.675 | 1.580 |
| Electricians (inside wiremen) ¹ | 1.650 | 1.500 | Mosaic and terrazzo workers..... | 1.675 | 1.580 |
| Elevator constructors..... | 1.655 | 1.525 | Painters ¹ | 1.375 | 1.250 |
| Engineers—power equipment operators: | | | Paperhangers ¹ | 1.375 | 1.250 |
| Air compressors..... | 1.350 | 1.150 | Plasterers ¹ | 1.625 | 1.500 |
| Bulldozers..... | 1.350 | 1.150 | Plumbers ¹ | 1.750 | 1.550 |
| Cranes, derricks, and drag-lines..... | 1.600 | 1.500 | Roofers: | | |
| Graders, motor..... | 1.350 | 1.150 | Composition..... | 1.125 | 1.125 |
| Hoists: | | | Slate and tile..... | 1.125 | 1.125 |
| 1 drum..... | 1.350 | 1.150 | Sheet-metal workers..... | 1.400 | 1.250 |
| 2 or more drums..... | 1.600 | 1.500 | Sign painters..... | 1.500 | 1.500 |
| Mixers: | | | Steam fitters..... | 1.750 | 1.550 |
| 108 or smaller..... | 1.350 | .800 | Stonemasons ¹ | 1.750 | 1.580 |
| Larger than 108..... | 1.350 | 1.150 | Structural-iron workers ¹ | 1.625 | 1.500 |
| Pumps..... | 1.350 | .800 | Rodmen ¹ | 1.375 | 1.250 |
| Rollers..... | 1.350 | 1.150 | Tile layers..... | 1.675 | 1.580 |
| Scrapers..... | 1.350 | 1.150 | <i>Helpers and laborers</i> | | |
| Shovels..... | 1.600 | 1.500 | Bricklayers' tenders..... | .850 | .750 |
| Tractors..... | 1.350 | 1.150 | Building laborers ¹ | .750 | .650 |
| Trenching machines..... | 1.600 | 1.500 | Elevator constructors' helpers..... | 1.160 | 1.060 |
| Glaziers..... | 1.375 | 1.250 | Plasterers' laborers..... | .850 | .750 |
| | | | Plumbers' laborers..... | .750 | .650 |

BALTIMORE, MD.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.850 | \$1.688 | Lathers..... | \$1.875 | \$1.725 |
| Boilermakers..... | 1.750 | 1.750 | Machinists..... | 1.840 | 1.500 |
| Bricklayers ¹ | 1.900 | 1.750 | Marble setters..... | 1.500 | 1.500 |
| Carpenters ¹ | 1.675 | 1.438 | Mosaic and terrazzo workers..... | 1.750 | 1.580 |
| Cement finishers..... | 1.725 | 1.500 | Painters..... | 1.500 | 1.300 |
| Electricians (inside wiremen)..... | 1.850 | 1.650 | Structural steel..... | 1.625 | 1.425 |
| Elevator constructors ¹ | 1.810 | 1.720 | Paperhangers..... | 1.500 | 1.300 |
| Engineers—power equipment operators: | | | Plasterers ¹ | 1.725 | 1.725 |
| Air compressors..... | 1.625 | 1.500 | Plumbers..... | 1.850 | 1.650 |
| When used in banks comprising a plant..... | 1.950 | 1.800 | Roofers: | | |
| Bulldozers..... | 1.425 | 1.375 | Composition..... | 1.500 | 1.375 |
| Cranes, derricks, and drag-lines..... | 1.950 | 1.800 | Foremen..... | 1.625 | 1.500 |
| Graders: | | | Slate and tile..... | 1.705 | 1.580 |
| Road..... | 1.625 | 1.500 | Sheeters..... | 1.850 | 1.750 |
| Elevating..... | 1.950 | 1.800 | Sheet-metal workers..... | 1.850 | 1.625 |
| Hoists: | | | Sign painters..... | 1.525 | 1.400 |
| 1 drum..... | 1.625 | 1.500 | Steam fitters..... | 1.850 | 1.650 |
| 2 drums..... | 1.950 | 1.800 | Stonemasons..... | 1.900 | 1.750 |
| Mixers..... | 1.625 | 1.500 | Structural-iron workers ¹ | 1.900 | 1.800 |
| Pumps..... | 1.625 | 1.500 | Rodmen ¹ | 1.600 | 1.500 |
| Rollers: | | | Tile layers..... | 1.750 | 1.580 |
| On hot asphalt..... | 1.950 | 1.800 | <i>Helpers and laborers</i> | | |
| Excluding hot asphalt..... | 1.625 | 1.500 | Bricklayers' tenders..... | 1.050 | .950 |
| Shovels..... | 1.950 | 1.800 | Building laborers..... | .950 | .800 |
| Tractors..... | 1.425 | 1.375 | Elevator constructors' helpers ¹ | 1.270 | 1.200 |
| Without mechanical attachments..... | 1.100 | 1.000 | Marble setters' helpers..... | 1.250 | .938 |
| Trenching machines..... | 1.950 | 1.800 | Plasterers' laborers..... | 1.050 | .950 |
| Glaziers..... | 1.600 | 1.440 | Plumbers' laborers..... | .950 | .800 |
| | | | Terrazzo workers' helpers..... | 1.125 | 1.050 |
| | | | Tile layers' helpers..... | 1.250 | .938 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

BINGHAMTON, N. Y.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|---|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.800 | \$1.625 | Engineers—power equipment operators—Continued | | |
| Bricklayers ¹ | 1.800 | 1.650 | Trenching machines: | | |
| Carpenters..... | 1.500 | 1.375 | Barber Greene..... | \$1.625 | \$1.500 |
| Cement finishers ¹ | 1.800 | 1.650 | Large type..... | 1.875 | 1.750 |
| Electricians (inside wiremen)..... | 1.500 | 1.375 | Lathers..... | 1.500 | 1.500 |
| Engineers—power equipment operators: | | | Marble setters..... | 1.800 | 1.650 |
| Air compressors..... | 1.500 | 1.375 | Mosaic and terrazzo workers..... | 1.800 | 1.650 |
| Bulldozers ¹ | 1.375 | 1.250 | Painters..... | 1.313 | 1.125 |
| Cranes, derricks, and draglines..... | 1.875 | 1.750 | Scaffold ¹ | 1.438 | 1.250 |
| Graders, power..... | 1.375 | 1.250 | Steel or spray..... | 1.500 | 1.250 |
| Hoists..... | 1.625 | 1.500 | Paperhangers..... | 1.313 | 1.125 |
| Mixers..... | 1.375 | 1.250 | Plasterers ¹ | 1.800 | 1.650 |
| Pumps: | | | Plumbers and gas fitters ¹ | 1.700 | 1.500 |
| Under 4-inch and not more than 3 in battery..... | 1.375 | 1.250 | Roofers: | | |
| 4-inch and over and not more than 3 in battery..... | 1.500 | 1.375 | Composition..... | 1.438 | 1.438 |
| Rollers..... | 1.375 | 1.250 | Slate and tile..... | 1.438 | 1.438 |
| Scrapers..... | 1.625 | 1.500 | Sheet-metal workers..... | 1.600 | 1.438 |
| Shovels..... | 1.875 | 1.750 | Sign painters..... | 1.750 | 1.500 |
| | | | Steam fitters..... | 1.700 | 1.500 |
| | | | Stonemasons..... | 1.800 | 1.650 |
| | | | Structural-iron workers..... | 1.500 | 1.500 |
| | | | Rodmen..... | 1.500 | 1.500 |
| | | | Tile layers..... | 1.800 | 1.650 |

BIRMINGHAM, ALA.

| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
|--|---------|---------|---------------------------------------|---------|---------|
| Asbestos workers..... | \$1.625 | \$1.500 | Marble setters..... | \$1.938 | \$1.750 |
| Bricklayers..... | 1.938 | 1.750 | Mosaic and terrazzo workers..... | 1.750 | 1.500 |
| Carpenters..... | 1.500 | 1.250 | Painters ¹ | 1.500 | 1.375 |
| Cement finishers..... | 1.750 | 1.500 | Structural steel and swing stage..... | 1.625 | 1.500 |
| Electricians (inside wiremen) ¹ | 1.750 | 1.650 | Spray..... | 2.500 | 2.375 |
| Elevator constructors ¹ | 1.685 | 1.630 | Paperhangers..... | 1.500 | 1.375 |
| Engineers—power equipment operators: | | | Plasterers..... | 1.875 | 1.650 |
| Air compressors..... | 1.500 | 1.375 | Plumbers..... | 1.875 | 1.750 |
| Bulldozers..... | 1.500 | 1.375 | Roofers: | | |
| Cranes, derricks, and draglines..... | 1.750 | 1.625 | Composition..... | 1.300 | 1.125 |
| Graders..... | 1.500 | 1.375 | Slate and tile ¹ | 1.450 | 1.250 |
| Hoists: | | | Sheet-metal workers..... | 1.600 | 1.400 |
| 1 drum..... | 1.500 | 1.375 | Sign painters..... | 1.750 | 1.500 |
| 2 drums..... | 1.750 | 1.625 | Steam fitters..... | 1.875 | 1.750 |
| LeTourneau..... | 1.750 | 1.625 | Stonemasons..... | 1.938 | 1.750 |
| Mixers: | | | Structural-iron workers..... | 1.750 | 1.625 |
| 5 bags or under..... | 1.500 | 1.375 | Rodmen..... | 1.500 | 1.450 |
| Over 5 bags..... | 1.750 | 1.625 | Tile layers..... | 1.750 | 1.500 |
| Pumps..... | 1.500 | 1.375 | | | |
| Rollers..... | 1.500 | 1.375 | <i>Helpers and laborers</i> | | |
| Scrapers..... | 1.750 | 1.625 | Bricklayers' tenders..... | .850 | .700 |
| Shovels..... | 1.750 | 1.625 | Building laborers..... | .750 | .600 |
| Tractors..... | 1.500 | 1.375 | Plasterers' laborers..... | .850 | .700 |
| Trenching machines..... | 1.750 | 1.625 | Plumbers' laborers..... | .850 | .700 |
| Glaziers..... | 1.500 | 1.375 | Terrazzo workers' helpers..... | .850 | .700 |
| Lathers..... | 1.625 | 1.375 | Tile layers' helpers..... | .850 | .700 |

¹ For changes since July 1, 1946, see appendix.² Scaffold painters received \$1.563 per hour for swing work above 50 feet or 4 stories.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

BOSTON, MASS.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|---|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers ¹ | \$1.725 | \$1.675 | Roofers: | | |
| Boilermakers..... | 1.750 | 1.650 | Composition ¹ | \$1.650 | \$1.600 |
| Bricklayers..... | 1.995 | 1.725 | Waterproof and damp-proof..... | 1.650 | 1.500 |
| Carpenters ¹ | 1.600 | 1.500 | Slate and tile..... | 1.500 | 1.500 |
| Cement finishers ¹ | 1.668 | 1.625 | Sheet-metal workers ¹ | 1.725 | 1.725 |
| Electricians (inside wiremen)..... | 1.900 | 1.725 | Sign painters..... | 1.500 | 1.315 |
| Elevator constructors ¹ | 1.740 | 1.650 | Letterers..... | 1.470 | 1.470 |
| Engineers—power equipment operators: | | | Pictorial..... | 1.800 | 1.615 |
| Air compressors..... | 1.650 | 1.500 | Steam fitters..... | 1.725 | 1.650 |
| Bulldozers..... | 1.650 | 1.500 | Sprinkler fitters..... | 1.750 | 1.580 |
| Cranes, derricks, and drag-lines..... | 2.025 | 1.875 | Stonecutters: | | |
| Graders..... | 1.650 | 1.500 | Inside..... | 1.575 | 1.375 |
| Hoists: | | | Outside..... | 1.725 | 1.500 |
| 1 or 2 drums..... | 1.650 | 1.500 | Carvers: | | |
| 3 drums..... | 2.025 | 1.875 | Inside..... | 1.725 | 1.500 |
| Mixers..... | 1.650 | 1.500 | Outside..... | 1.925 | 1.725 |
| Pumps..... | 1.650 | 1.500 | Artificial stone patchers: | | |
| Rollers..... | 1.650 | 1.500 | Inside..... | 1.375 | 1.050 |
| Scrapers..... | 1.650 | 1.500 | Outside..... | 1.725 | 1.250 |
| Shovels..... | 2.025 | 1.875 | Stonemasons..... | 1.995 | 1.725 |
| Tractors..... | 1.650 | 1.500 | Structural-iron workers..... | 1.850 | 1.725 |
| Trenching machines..... | 1.650 | 1.500 | Rodmen..... | 1.850 | 1.725 |
| Glaziers..... | 1.580 | 1.500 | Tile layers..... | 1.875 | 1.625 |
| Lathers ¹ | 1.800 | 1.667 | <i>Helpers and laborers</i> | | |
| Machinists..... | 1.750 | 1.500 | Bricklayers' tenders ¹ | 1.150 | 1.000 |
| Marble setters..... | 1.875 | 1.725 | Building laborers ¹ | 1.150 | 1.000 |
| Mosaic and terrazzo workers..... | 1.875 | 1.725 | Composition roofers' helpers ¹ | 1.100 | 1.050 |
| Painters..... | 1.625 | 1.438 | Elevator constructors' helpers ¹ | 1.220 | 1.150 |
| Plasterers..... | 2.000 | 1.677 | Marble setters' helpers..... | 1.250 | 1.150 |
| Plumbers and gas fitters ¹ | 1.875 | 1.675 | Plasterers' laborers..... | 1.400 | 1.250 |
| | | | Sprinkler fitters' helpers..... | 1.100 | .950 |
| | | | Terrazzo workers' helpers ¹ | 1.250 | 1.150 |
| | | | Tile layers' helpers..... | 1.250 | 1.150 |

BUFFALO, N. Y.

| | | | | | |
|---------------------------------------|---------|---------|-------------------------------------|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$2.000 | \$1.750 | Painters..... | \$1.750 | \$1.500 |
| Boilermakers..... | 2.000 | 1.750 | Spray and structural steel..... | 2.000 | 2.000 |
| Bricklayers..... | 2.075 | 1.750 | Swing stage..... | 2.000 | 1.750 |
| Carpenters..... | 1.850 | 1.600 | Paperhangers..... | 1.750 | 1.500 |
| Millwrights..... | 1.950 | 1.700 | Plasterers..... | 2.000 | 1.750 |
| Cement finishers..... | 1.830 | 1.580 | Plumbers and gas fitters..... | 2.000 | 1.750 |
| Swing scaffold..... | 2.080 | 1.750 | Roofers: | | |
| Machine operators..... | 2.013 | 1.650 | Composition..... | 1.750 | 1.450 |
| Swing scaffold..... | 2.288 | 1.900 | Residential..... | 1.700 | 1.400 |
| Electricians (inside wiremen)..... | 2.000 | 1.750 | Slate and tile..... | 1.900 | 1.600 |
| Elevator constructors..... | 1.925 | 1.750 | Sheet-metal workers..... | 1.850 | 1.600 |
| Engineers—power equipment operators: | | | Sign painters..... | 1.725 | 1.500 |
| Air compressors..... | 1.625 | 1.375 | Pictorial..... | 1.840 | 1.600 |
| Bulldozers..... | 1.500 | 1.250 | Steam fitters..... | 2.000 | 1.750 |
| Cranes, derricks, and drag-lines..... | 2.000 | 1.750 | Sprinkler fitters..... | 1.750 | 1.580 |
| Graders, power..... | 1.875 | 1.625 | Stonecutters..... | 1.750 | 1.500 |
| Hoists..... | 1.835 | 1.585 | Building fitting..... | 2.000 | 1.750 |
| LeTourneau..... | 1.875 | 1.625 | Stonemasons..... | 2.075 | 1.750 |
| Mixers, ½ cu. yd. or over..... | 1.750 | 1.500 | Structural-iron workers..... | 2.000 | 1.750 |
| Pumps..... | 1.750 | 1.500 | Rodmen..... | 2.000 | 1.750 |
| Rollers..... | 1.875 | 1.625 | Sheeters—iron workers..... | 2.250 | 2.000 |
| Shovels..... | 2.000 | 1.750 | Tile layers..... | 1.825 | 1.375 |
| Tractors..... | 1.500 | 1.250 | <i>Helpers and laborers</i> | | |
| Trenching machines..... | 1.875 | 1.625 | Bricklayers' tenders..... | 1.250 | 1.000 |
| Glaziers..... | 1.550 | 1.550 | Building laborers..... | 1.250 | 1.000 |
| Lathers ¹ | 2.000 | 1.750 | Elevator constructors' helpers..... | 1.350 | 1.225 |
| Marble setters ¹ | 1.875 | 1.500 | Marble setters' helpers..... | 1.275 | .900 |
| Mosaic and terrazzo workers..... | 1.825 | 1.375 | Plasterers' laborers..... | 1.350 | 1.100 |
| | | | Terrazzo workers' helpers..... | 1.275 | .900 |
| | | | Tile layers' helpers..... | 1.275 | .900 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

BUTTE, MONT.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$2.000 | \$2.000 | Engineers—power equipment operators—Continued | | |
| Bricklayers ¹ | \$1.850 | \$1.850 | Tractors..... | \$1.700 | \$1.500 |
| Carpenters..... | \$1.833 | \$1.500 | Trenching machines..... | 1.700 | 1.500 |
| Cement finishers..... | \$2.000 | \$2.000 | Glaziers..... | 1.625 | 1.500 |
| Electricians (inside wiremen) ² | \$1.833 | \$1.833 | Lathers..... | \$2.000 | \$2.000 |
| Elevator constructors..... | 1.880 | 1.600 | Marble setters..... | 1.850 | 1.850 |
| Engineers—power equipment operators: | | | Mosaic and terrazzo workers..... | 1.850 | 1.850 |
| Air compressors..... | 1.400 | 1.125 | Painters..... | 1.625 | 1.500 |
| Bulldozers..... | 1.700 | 1.500 | Paperhangers..... | 1.625 | 1.500 |
| Cranes, derricks, and draglines..... | 1.650 | 1.500 | Plasterers..... | \$2.000 | \$2.000 |
| Graders..... | 1.650 | 1.500 | Plumbers and gas fitters ¹ | \$2.083 | \$2.083 |
| Hoists: | | | Roofers, composition..... | \$1.375 | \$1.250 |
| 1 drum..... | 1.650 | 1.250 | Sheet-metal workers..... | 1.750 | 1.500 |
| 2 drums or more..... | 1.650 | 1.500 | Sign painters..... | 1.625 | 1.500 |
| LeTourneau: | | | Steam fitters ¹ | \$2.083 | \$2.083 |
| Single..... | 1.700 | 1.500 | Stonemasons..... | \$1.850 | \$1.850 |
| In tandem..... | 1.850 | 1.750 | Structural-iron workers ¹ | 1.500 | 1.500 |
| Mixers: | | | Rodmen..... | 1.500 | 1.500 |
| Less than 4 bags..... | 1.400 | 1.250 | Tile layers..... | 1.850 | 1.850 |
| 4 bags or over..... | 1.650 | 1.500 | | | |
| Pumps: | | | <i>Helpers and laborers</i> | | |
| 6 inches or less..... | 1.150 | 1.000 | Bricklayers' tenders..... | \$1.500 | \$1.333 |
| Over 6 inches..... | 1.400 | 1.250 | Building laborers..... | \$1.100 | \$1.919 |
| Rollers..... | 1.650 | 1.250 | Elevator constructors' helpers..... | 1.320 | 1.120 |
| On all types of finishing..... | 1.650 | 1.500 | Marble setters' helpers..... | \$1.500 | 1.333 |
| Scrapers..... | 1.700 | 1.500 | Plasterers' laborers..... | \$1.500 | 1.333 |
| Shovels..... | 1.850 | 1.500 | Terrazzo workers' helpers..... | \$1.500 | 1.333 |
| ¾ yd. or less..... | 1.650 | 1.500 | Tile layers' helpers..... | \$1.500 | 1.333 |

CHARLESTON, S. C.

| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
|--|---------|---------|--|---------|---------|
| Asbestos workers..... | \$1.625 | \$1.500 | Sheet-metal workers..... | \$1.500 | \$1.250 |
| Boilermakers..... | 1.625 | 1.500 | Metal cutters..... | 1.500 | 1.500 |
| Bricklayers ¹ | 1.650 | 1.500 | Sign painters..... | 1.500 | 1.375 |
| Carpenters ¹ | 1.250 | 1.250 | Steam fitters..... | 1.750 | 1.750 |
| Cement finishers..... | 1.250 | 1.150 | Structural-iron workers ¹ | 1.500 | 1.500 |
| Electricians (inside wiremen) ¹ | 1.650 | 1.500 | Rodmen ¹ | 1.250 | 1.250 |
| Elevator constructors..... | 1.525 | 1.250 | | | |
| Glaziers..... | 1.375 | 1.125 | <i>Helpers and laborers</i> | | |
| Painters..... | 1.375 | 1.125 | Bricklayers' tenders..... | .850 | .600 |
| Spray..... | 1.625 | 1.375 | Building laborers..... | .750 | .500 |
| Stage..... | 1.500 | 1.375 | Composition roofers' helpers..... | .750 | .600 |
| Steel..... | 1.500 | 1.250 | Plasterers' laborers..... | .850 | .600 |
| Paperhangers..... | 1.375 | 1.150 | Plumbers' laborers..... | .750 | .750 |
| Plasterers ¹ | 1.650 | 1.500 | Steam fitters' helpers..... | .750 | .750 |
| Plumbers ¹ | 1.750 | 1.750 | | | |
| Roofers: | | | | | |
| Composition..... | 1.250 | 1.250 | | | |
| Slate and tile..... | 1.500 | 1.250 | | | |

¹ For change since July 1, 1946, see appendix.² Hours per week, 30.³ Hours per week, 48.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

CHARLESTON, W. VA.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.750 | \$1.625 | Lathers..... | \$1.581 | \$1.375 |
| Boilermakers..... | 1.750 | 1.625 | Marble setters..... | 1.750 | 1.500 |
| Bricklayers..... | 2.000 | 1.750 | Mosaic and terrazzo workers..... | 1.750 | 1.500 |
| Carpenters ¹ | 1.625 | 1.500 | Painters ¹ | 1.500 | 1.500 |
| Millwrights ¹ | 1.625 | 1.625 | Spray..... | 2.000 | 2.000 |
| Cement finishers..... | 1.500 | 1.250 | Paperhangers ¹ | 1.500 | 1.500 |
| Electricians (inside wiremen) ¹ | 1.750 | 1.625 | Plasterers..... | 1.725 | 1.500 |
| Elevator constructors ¹ | 1.625 | 1.625 | Plumbers..... | 1.850 | 1.625 |
| Engineers—power equipment operators: | | | Roofers: | | |
| Air compressors..... | 1.450 | 1.375 | Composition..... | 1.375 | 1.250 |
| Bulldozers..... | 1.550 | 1.375 | Slate and tile..... | 1.375 | 1.250 |
| Cranes, derricks, and drag-lines..... | 1.800 | 1.625 | Sheet-metal workers..... | 1.563 | 1.375 |
| Graders..... | 1.550 | 1.375 | Sign painters..... | 1.625 | 1.400 |
| Hoists: | | | Steam fitters..... | 1.850 | 1.625 |
| 1 drum..... | 1.800 | 1.375 | Stonemasons..... | 2.000 | 1.750 |
| 2 drums..... | 1.800 | 1.625 | Structural-iron workers..... | 1.875 | 1.625 |
| Mixers: | | | Rodmen..... | 1.725 | 1.500 |
| 1 bag and under..... | 1.450 | 1.125 | Tile layers..... | 1.750 | 1.500 |
| Over 1 bag..... | 1.550 | 1.375 | | | |
| Pumps..... | 1.300 | 1.125 | <i>Helpers and laborers</i> | | |
| Rollers..... | 1.450 | 1.375 | Bricklayers' tenders: | | |
| Shovels..... | 1.800 | 1.625 | On mortar box..... | 1.050 | 1.000 |
| Tractors..... | 1.550 | 1.375 | On wheel barrow..... | 1.050 | .900 |
| Trenching machines, excavating..... | 1.800 | 1.625 | Building laborers ¹ | .900 | .750 |
| Glaziers..... | 1.400 | 1.250 | Elevator constructors' helpers ¹ | 1.140 | 1.140 |
| | | | Plasterers' laborers..... | 1.050 | .900 |
| | | | Plumbers' laborers..... | .900 | .750 |

CHARLOTTE, N. C.

| | | | | | |
|---|---------|---------|-------------------------------------|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.500 | \$1.375 | Paperhangers..... | \$1.375 | ----- |
| Bricklayers..... | 1.625 | 1.375 | Plasterers ¹ | 1.750 | \$1.375 |
| Carpenters..... | 1.250 | 1.000 | Plumbers ¹ | 1.500 | 1.500 |
| Cement finishers..... | 1.625 | 1.125 | Sheet-metal workers..... | 1.500 | 1.250 |
| Electricians (inside wiremen)..... | 1.375 | 1.250 | Steam fitters ¹ | 1.500 | 1.500 |
| Elevator constructors..... | 1.450 | 1.310 | Stonemasons..... | 1.625 | 1.375 |
| Glaziers..... | 1.000 | .900 | Structural-iron workers..... | 1.500 | 1.500 |
| Lathers..... | 1.500 | 1.500 | Rodmen..... | 1.250 | 1.250 |
| Marble setters ¹ | 1.500 | 1.500 | Tile layers ¹ | 1.500 | 1.500 |
| Mosaic and terrazzo workers ¹ | 1.500 | 1.500 | | | |
| Painters..... | 1.250 | 1.035 | <i>Helpers and laborers</i> | | |
| Spray, bridge, structural steel, and stage..... | 1.375 | 1.300 | Elevator constructors' helpers..... | 1.015 | .917 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

CHICAGO, ILL.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|--------------------|--------------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.950 | \$1.850 | Granite cutters..... | \$1.900 | ..... |
| Boilermakers..... | 1.950 | 1.850 | Lathers..... | 2.000 | \$1.850 |
| Bricklayers..... | 2.000 | 1.900 | Machinists..... | 1.850 | 1.700 |
| Sewer, tunnel, etc..... | 2.250 | 2.000 | Marble setters..... | 1.950 | 1.775 |
| Carpenters..... | 1.950 | 1.775 | Mosaic and terrazzo workers ¹ | 1.850 | 1.725 |
| Cement finishers..... | 1.950 | 1.700 | Painters ¹ | 1.917 | 1.725 |
| Pavement, curb and gutter..... | ¹ 1.950 | ¹ 1.838 | Paperhangers ¹ | 1.917 | 1.725 |
| Electricians (inside wiremen) ¹ | 1.975 | 1.850 | Plasterers..... | 2.000 | 1.825 |
| Elevator constructors ¹ | 1.910 | 1.755 | Plumbers..... | 1.950 | 1.850 |
| Engineers—power equipment operators: | | | Roofers: | | |
| Air compressors..... | 1.875 | 1.775 | Composition..... | 2.000 | 1.750 |
| Bulldozers..... | 1.650 | 1.550 | Foremen..... | 2.250 | 2.000 |
| Cranes, derricks, and draglines..... | 2.250 | 2.150 | Slate and tile..... | 2.000 | 1.900 |
| Graders: | | | Sheet-metal workers..... | 1.950 | 1.750 |
| Blade..... | 1.350 | 1.250 | Sign painters..... | 2.000 | 2.000 |
| Elevating..... | 1.875 | 1.775 | Steam and sprinkler fitters..... | 1.950 | 1.850 |
| Koehring..... | 2.250 | 2.150 | Stonemasons..... | 2.000 | 1.900 |
| Patrol and weir..... | 1.650 | 1.550 | Structural-iron workers..... | 1.950 | 1.850 |
| Sub-graders..... | 1.875 | 1.775 | Finishers..... | 1.950 | 1.750 |
| Form..... | 1.875 | 1.775 | Rodmen..... | 1.950 | 1.850 |
| LeTourneau..... | 1.750 | 1.650 | Tile layers..... | 1.950 | 1.850 |
| Mixers: | | | <i>Helpers and laborers</i> | | |
| Over 27E..... | 2.250 | 2.150 | Bricklayers' tenders..... | 1.300 | 1.200 |
| 27E or less..... | 2.150 | 2.000 | Building laborers..... | 1.300 | 1.200 |
| Pumps..... | 1.500 | 1.400 | Elevator constructors' helpers ¹ | 1.335 | 1.230 |
| Rollers..... | 2.000 | 1.950 | Marble setters' helpers..... | 1.375 | 1.250 |
| Grade..... | 1.950 | 1.900 | Plasterers' laborers..... | 1.400 | 1.295 |
| Shovels, power..... | 2.250 | 2.150 | Sprinkler fitters' helpers..... | 1.220 | 1.220 |
| Tractors..... | 1.650 | 1.550 | Terrazzo workers' helpers ¹ | 1.350 | 1.200 |
| Glaziers..... | 2.125 | 2.025 | Base-machine operators ¹ | 1.500 | 1.300 |
| | | | Tile layers' helpers..... | 1.375 | 1.300 |

CINCINNATI, OHIO

| | | | | | |
|---|---------|---------|---|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers ¹ | \$1.750 | \$1.625 | Engineers—power equipment operators—Continued | | |
| Boilermakers..... | 1.750 | 1.500 | Tractors..... | \$1.300 | \$1.150 |
| Bricklayers..... | 2.000 | 1.825 | Trenching machines..... | 1.625 | 1.500 |
| Carpenters..... | 1.800 | 1.600 | Glaziers..... | 1.900 | 1.700 |
| Cement finishers..... | 1.675 | 1.550 | Lathers..... | 1.775 | 1.625 |
| Electricians (inside wiremen)..... | 1.875 | 1.725 | Machinists..... | 1.500 | 1.500 |
| Elevator constructors ¹ | 1.750 | 1.750 | Marble setters ¹ | 1.875 | 1.825 |
| Engineers—power equipment operators: | | | Mosaic and terrazzo workers..... | 1.750 | 1.575 |
| Air compressors (plant operation)..... | 1.625 | 1.500 | Painters..... | 1.700 | 1.550 |
| On steel erection..... | 1.875 | ..... | Paperhangers..... | 1.700 | 1.550 |
| Portable..... | 1.300 | 1.150 | Plasterers ¹ | 1.875 | 1.750 |
| Bulldozers..... | 1.500 | 1.375 | Plumbers and gas fitters ¹ | 1.875 | 1.725 |
| Cranes and draglines..... | 1.875 | 1.625 | Roofers: | | |
| Derricks..... | 1.625 | 1.500 | Composition..... | 1.600 | 1.425 |
| Graders: | | | Slate and tile..... | 1.600 | 1.500 |
| Power..... | 1.500 | 1.375 | Precast slab..... | 1.725 | 1.625 |
| Elevating and blade..... | 1.300 | 1.150 | Sheet-metal workers..... | 1.725 | 1.550 |
| Hoists: | | | Sign painters..... | 1.650 | 1.400 |
| High speed..... | 1.625 | 1.375 | Steam fitters..... | 1.900 | 1.725 |
| Hoisting engines..... | 1.500 | 1.300 | Stonecutters..... | 1.875 | 1.825 |
| Mixers: | | | Stonemasons ¹ | 1.875 | 1.825 |
| Concrete, with capacity of more than 1 bag, or 1-bag capacity, with side loaders..... | 1.500 | 1.300 | Structural-iron workers..... | 1.925 | 1.725 |
| Paving, 27E and over..... | 1.625 | 1.500 | Rodmen..... | 1.775 | 1.575 |
| Pumps, over 4-inch capacity discharge..... | 1.500 | 1.300 | Tile layers..... | 1.750 | 1.575 |
| Rollers, asphalt..... | 1.500 | 1.375 | <i>Helpers and laborers</i> | | |
| Rollers (brick grade, macadam)..... | 1.300 | ..... | Bricklayers' tenders..... | 1.300 | 1.100 |
| Scrapers..... | 1.625 | 1.500 | Building laborers..... | 1.100 | .900 |
| Shovels..... | 1.875 | 1.625 | Elevator constructors' helpers ¹ | 1.225 | 1.225 |
| | | | Marble setters' helpers..... | 1.250 | 1.125 |
| | | | Plasterers' laborers..... | 1.300 | 1.100 |
| | | | Plumbers' laborers..... | 1.250 | 1.100 |
| | | | Terrazzo workers' helpers..... | 1.250 | .975 |
| | | | Base grinders..... | 1.350 | 1.125 |
| | | | Tile layers' helpers..... | 1.250 | .850 |

¹ For changes since July 1, 1946, see appendix.² Hours per week, 48.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

CLEVELAND, OHIO

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|--|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| Journeyman | | | Journeyman—Continued | | |
| Asbestos workers ¹ | \$1.750 | \$1.625 | Machinists..... | \$1.750 | \$1.625 |
| Boilermakers ¹ | 1.925 | 1.750 | Marble setters ¹ | 1.850 | 1.725 |
| Bricklayers ¹ | 2.000 | 1.875 | Mosaic and terrazzo workers ¹ | 1.700 | 1.575 |
| Sewer and caisson ¹ | 2.250 | 2.125 | Painters ¹ | 1.675 | 1.550 |
| Carpenters ¹ | 1.650 | 1.575 | Spray..... | 2.000 | 2.000 |
| Cement finishers ¹ | 1.700 | 1.575 | Structural steel ¹ | 1.925 | 1.800 |
| Electricians (inside wiremen) ¹ | 2.000 | 1.875 | Swing stage ¹ | 1.750 | 1.625 |
| Elevator constructors..... | 1.970 | 1.840 | Fresco..... | 1.700 | 1.575 |
| Engineers—power equipment operators: | | | Paperhangers ¹ | 1.675 | 1.550 |
| Air compressors: | | | Plasterers ¹ | 2.000 | 1.875 |
| Steel erection ¹ | 1.875 | 1.750 | Plumbers ¹ | 1.850 | 1.725 |
| Plant operation ¹ | 1.750 | 1.625 | Roofers: | | |
| Portable ¹ | 1.425 | 1.300 | Composition ¹ | 1.750 | 1.625 |
| Bulldozers ¹ | 1.625 | 1.500 | Foremen and water-proofer ¹ | 1.875 | 1.750 |
| Cranes and draglines ¹ | 2.000 | 1.875 | Slate and tile..... | 2.000 | 1.875 |
| Derricks ¹ | 1.875 | 1.750 | Sheet-metal workers ¹ | 1.750 | 1.625 |
| Graders: | | | Sign painters..... | 1.950 | 1.675 |
| Power ¹ | 1.625 | 1.500 | Steam fitters ¹ | 1.850 | 1.725 |
| Blade ¹ | 1.425 | 1.300 | Sprinkler fitters..... | 1.750 | 1.580 |
| Holsts: | | | Stonecutters (outside)..... | 1.875 | 1.700 |
| High speed ¹ | 1.750 | 1.625 | Inside..... | 1.750 | 1.575 |
| Hoisting engines ¹ | 1.625 | 1.500 | Stonemasons ¹ | 2.000 | 1.875 |
| Mixers: | | | Structural-iron workers ¹ | 2.000 | 1.875 |
| 1 bag capacity, with side loaders ¹ | 1.625 | 1.500 | Sheeters ¹ | 2.250 | 2.125 |
| 27E and over ¹ | 1.750 | 1.625 | Bucker up ¹ | 2.215 | 2.000 |
| Pumps, over 4-inch capacity discharge ¹ | 1.625 | 1.500 | Rodmen ¹ | 2.000 | 1.875 |
| Rollers, asphalt ¹ | 1.625 | 1.500 | Tile layers ¹ | 1.850 | 1.725 |
| Rollers (brick, grade, macadam)..... | 1.425 | 1.300 | | | |
| Scrapers ¹ | 1.750 | 1.625 | Helpers and laborers | | |
| Shovels ¹ | 2.000 | 1.875 | Bricklayers' tenders ¹ | 1.250 | 1.125 |
| Tractors ¹ | 1.425 | 1.300 | Building laborers ¹ | 1.250 | 1.125 |
| Trenching machines ¹ | 1.750 | 1.625 | Elevator constructors' helpers..... | 1.380 | 1.290 |
| Glaziers ¹ | 1.750 | 1.625 | Marble setters' helpers..... | 1.275 | 1.150 |
| Granite cutters (outside)..... | 2.200 | 1.850 | Plasterers' laborers ¹ | 1.250 | 1.125 |
| Inside (surface machine)..... | 1.531 | 1.250 | Plumbers' laborers ¹ | 1.350 | 1.225 |
| Lathers ¹ | 2.000 | 1.875 | Sprinkler fitters' helpers..... | 1.100 | .950 |
| | | | Terrazzo workers' helpers ¹ | 1.275 | 1.150 |
| | | | Tile layers' helpers ¹ | 1.275 | 1.150 |

COLUMBUS, OHIO

| Journeyman | | | Journeyman—Continued | | |
|--|---------|---------|--|---------|---------|
| Asbestos workers..... | \$1.750 | \$1.625 | Engineers—power equipment operators—Continued | | |
| Boilermakers..... | 1.750 | 1.500 | Mixers: | | |
| Bricklayers ¹ | 1.950 | 1.750 | Concrete, with capacity of more than 1 bag, or 1 bag capacity with side loaders ¹ | \$1.500 | \$1.300 |
| Carpenters ¹ | 1.500 | 1.375 | Paving, 27E and over ¹ | 1.625 | 1.500 |
| Wharf and bridge..... | 1.650 | 1.525 | Pumps, over 4-inch capacity discharge ¹ | 1.500 | 1.300 |
| Cement finishers ¹ | 1.500 | 1.438 | Rollers, asphalt ¹ | 1.500 | 1.375 |
| Electricians (inside wiremen) ¹ | 1.625 | 1.500 | Scrapers ¹ | 1.625 | 1.500 |
| Elevator constructors ¹ | 1.690 | 1.620 | Shovels ¹ | 1.875 | 1.625 |
| Engineers—power equipment operators: | | | Tractors ¹ | 1.300 | 1.150 |
| Air compressors (plant operation) ¹ | 1.625 | 1.500 | Trenching machines ¹ | 1.625 | 1.500 |
| Portable ¹ | 1.300 | 1.150 | Lathers ¹ | 1.650 | 1.550 |
| Bulldozers ¹ | 1.500 | 1.375 | Marble setters..... | 1.675 | 1.375 |
| Cranes and draglines ¹ | 1.875 | 1.625 | Mosaic and terrazzo workers..... | 1.500 | 1.250 |
| Derricks ¹ | 1.625 | 1.500 | Painters ¹ | 1.450 | 1.375 |
| Graders: | | | Structural steel and spray ¹ | 1.625 | 1.550 |
| Power ¹ | 1.500 | 1.375 | Paperhangers..... | 1.450 | 1.375 |
| Elevating and blade ¹ | 1.300 | 1.150 | Plasterers..... | 1.925 | 1.750 |
| Holsts: | | | | | |
| High speed ¹ | 1.625 | 1.500 | | | |
| Hoisting engines ¹ | 1.500 | 1.300 | | | |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

COLUMBUS, OHIO—continued

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|------------------------------|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman—Continued</i> | | | <i>Helpers and laborers</i> | | |
| Plumbers..... | \$1.750 | \$1.580 | Bricklayers' tenders ¹ | \$1.000 | \$0.925 |
| Roofers: | | | Building laborers ¹ | .925 | .800 |
| Composition..... | 1.500 | 1.375 | Composition roofers' helpers..... | .925 | .800 |
| Foremen..... | 1.600 | 1.475 | Elevator constructors' helpers ¹ ... | 1.180 | 1.130 |
| Slate and tile..... | 1.500 | 1.375 | Plasterers' laborers ¹ | 1.000 | .925 |
| Sheet-metal workers..... | 1.750 | 1.500 | | | |
| Sign painters..... | 1.500 | 1.375 | | | |
| Steam fitters..... | 1.750 | 1.580 | | | |
| Stonecutters..... | 1.375 | 1.250 | | | |
| Stonemasons..... | 1.875 | 1.750 | | | |
| Structural-iron workers..... | 1.875 | 1.625 | | | |
| Rodmen..... | 1.875 | 1.625 | | | |
| Tile layers..... | 1.625 | 1.500 | | | |

DALLAS, TEX.

| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
|--|---------|---------|--|---------|---------|
| Asbestos workers..... | \$1.750 | \$1.625 | Glaziers..... | \$1.500 | \$1.125 |
| Home insulators..... | 1.375 | 1.250 | Lathers..... | 1.875 | 1.625 |
| Bricklayers ¹ | 1.938 | 1.725 | Marble setters ¹ | 1.750 | 1.625 |
| Carpenters ¹ | 1.425 | 1.250 | Mosaic and terrazzo workers ¹ | 1.750 | 1.625 |
| Cement finishers ¹ | 1.565 | 1.440 | Painters ¹ | 1.425 | 1.250 |
| Electricians (inside wiremen) ¹ | 1.750 | 1.625 | Spray or stage ¹ | 1.625 | 1.500 |
| Elevator constructors..... | 1.760 | 1.600 | Paperhangers..... | 1.425 | 1.250 |
| Engineers—power equipment operators: | | | Plasterers ¹ | 1.750 | 1.625 |
| Air compressors ¹ | 1.375 | 1.250 | Plumbers ¹ | 1.750 | 1.625 |
| Bulldozers ¹ | 1.625 | 1.500 | Roofers: | | |
| Cranes, derricks, and draglines ¹ | 1.625 | 1.500 | Composition ¹ | 1.275 | 1.150 |
| Graders: | | | Slate and tile..... | 1.500 | 1.375 |
| Self-propelled ¹ | 1.625 | 1.500 | Sheet-metal workers..... | 1.750 | 1.625 |
| Towed..... | 1.375 | 1.250 | Sign painters..... | 1.500 | 1.250 |
| Hoists: | | | Steam fitters ¹ | 1.750 | 1.625 |
| 1 drum ¹ | 1.375 | 1.250 | Stonemasons ¹ | 1.938 | 1.725 |
| 2 drums ¹ | 1.625 | 1.500 | Structural-iron workers ¹ | 1.625 | 1.500 |
| LeTourneau ¹ | 1.625 | 1.500 | Rodmen ¹ | 1.375 | 1.250 |
| Mixers: | | | Tile layers ¹ | 1.750 | 1.625 |
| Less than 14 cubic feet ¹ | 1.375 | 1.250 | | | |
| 14 cubic feet or over ¹ | 1.625 | 1.500 | <i>Helpers and laborers</i> | | |
| Pumps..... | 1.375 | 1.250 | Bricklayers' tenders..... | 1.000 | .700 |
| Rollers..... | 1.375 | 1.250 | Building laborers ¹ | .800 | .700 |
| Scrapers: | | | Elevator constructors' helpers..... | 1.230 | 1.120 |
| 3 cubic yards or less ¹ | 1.375 | 1.250 | Plasterers' laborers ¹ | 1.000 | .700 |
| Over 3 cubic yards ¹ | 1.625 | 1.500 | Plumbers' laborers..... | .800 | .700 |
| Shovels ¹ | 1.625 | 1.500 | | | |
| Tractors ¹ | 1.375 | 1.250 | | | |
| Trenching machines ¹ | 1.625 | 1.500 | | | |

¹ For changes since July 1, 1946, see appendix.² Hours per week, 44.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

DAYTON, OHIO

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|---|----------------|--------------|--------------------------------------|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers ¹ | \$1.625 | \$1.500 | Lathers..... | \$1.900 | \$1.725 |
| Boilermakers..... | 1.750 | 1.650 | Marble setters..... | 1.750 | 1.625 |
| Bricklayers ¹ | 2.025 | 1.850 | Mosaic and terrazzo workers..... | 1.750 | 1.625 |
| Carpenters..... | 1.750 | 1.575 | Painters..... | 1.625 | 1.500 |
| Cement finishers..... | 1.580 | 1.425 | Spray..... | 2.000 | 2.000 |
| Electricians (inside wiremen)..... | 2.025 | 1.825 | Structural iron and bridge..... | 1.875 | 1.750 |
| Elevator constructors..... | 1.750 | 1.750 | Swing and scaffold..... | 1.625 | 1.600 |
| Engineers—power equipment operators: | | | Paperhangers..... | 1.625 | 1.500 |
| Air compressors ¹ | 1.625 | 1.500 | Plasterers..... | 1.900 | 1.700 |
| On steel erection..... | 1.875 | 1.650 | Plumbers..... | 1.875 | 1.650 |
| Bulldozers ¹ | 1.500 | 1.350 | Roofers: | | |
| Cranes and draglines ¹ | 1.875 | 1.650 | Composition..... | 1.550 | 1.380 |
| Derricks ¹ | 1.875 | 1.650 | Foremen..... | 1.650 | 1.480 |
| Graders: | | | Slate and tile..... | 1.750 | 1.580 |
| Power ¹ | 1.500 | 1.350 | Sheet-metal workers..... | 1.750 | 1.550 |
| Hoists: | | | Sign painters..... | 1.850 | 1.725 |
| High speed ¹ | 1.625 | 1.500 | Steam and sprinkler fitters..... | 1.875 | 1.650 |
| Hoisting engines ¹ | 1.500 | 1.350 | Stonemasons..... | 2.025 | 1.850 |
| Mixers: | | | Structural-iron workers..... | 1.875 | 1.725 |
| Concrete, with capacity of more than 1 bag or 1 bag capacity with side loaders ¹ | 1.500 | 1.350 | Rodmen..... | 1.725 | 1.550 |
| Paving 27E and over ¹ | 1.625 | 1.500 | Tile layers..... | 1.750 | 1.625 |
| Pumps, over 4-inch capacity discharge ¹ | 1.500 | 1.350 | | | |
| Rollers, asphalt ¹ | 1.500 | 1.350 | <i>Helpers and laborers</i> | | |
| Scrapers ¹ | 1.625 | 1.500 | Bricklayers' tenders..... | 1.250 | 1.150 |
| Shovels ¹ | 1.875 | 1.650 | Building laborers ¹ | .975 | .850 |
| Trenching machines ¹ | 1.625 | 1.500 | Elevator constructors' helpers..... | 1.225 | 1.225 |
| Glaziers ¹ | 1.550 | 1.550 | Marble setters' helpers..... | 1.250 | .975 |
| | | | Plasterers' laborers..... | 1.250 | 1.150 |
| | | | Plumbers' laborers..... | .975 | .850 |
| | | | Terrazzo workers' helpers..... | 1.250 | .975 |
| | | | Tile layers' helpers..... | 1.250 | .975 |

DENVER, COLO.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--------------------------------------|----------------|--------------|--|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.750 | \$1.500 | Lathers..... | \$1.900 | \$1.650 |
| Boilermakers..... | 1.750 | 1.500 | Machinists..... | 1.650 | 1.430 |
| Bricklayers..... | 1.980 | 1.800 | Marble setters..... | 1.900 | 1.650 |
| Sewer work..... | 2.230 | 2.050 | Mosaic and terrazzo workers..... | 1.900 | 1.650 |
| Carpenters..... | 1.700 | 1.500 | Painters..... | 1.600 | 1.430 |
| Cement finishers..... | 1.700 | 1.500 | Paperhangers..... | 1.600 | 1.430 |
| Composition floor layers..... | 1.825 | 1.625 | Plasterers..... | 1.900 | 1.650 |
| Electricians (inside wiremen)..... | 1.850 | 1.650 | Plumbers..... | 1.850 | 1.650 |
| Elevator constructors..... | 1.860 | 1.650 | Roofers: | | |
| Engineers—power equipment operators: | | | Composition..... | 1.700 | 1.500 |
| Air compressors..... | 1.700 | 1.500 | Foremen..... | 1.825 | 1.625 |
| Bulldozers..... | 1.700 | 1.500 | Slate and tile..... | 1.700 | 1.500 |
| Cranes, derricks, and draglines..... | 1.825 | 1.625 | Sheet-metal workers..... | 1.700 | 1.625 |
| Graders..... | 1.700 | ----- | Sign painters..... | 1.850 | 1.500 |
| Hoists: | | | Steam fitters..... | 1.850 | 1.650 |
| 1 drum..... | 1.700 | 1.500 | Stonecutters ¹ | 1.500 | 1.500 |
| 2 drums..... | 1.825 | 1.625 | Stonemasons..... | 1.980 | 1.800 |
| Mixers: | | | Structural-iron workers..... | 1.700 | 1.500 |
| Under 1 cubic yard..... | 1.700 | 1.500 | Rodmen..... | 1.700 | 1.500 |
| 1 cubic yard or over..... | 1.825 | 1.625 | Tile layers..... | 1.900 | 1.650 |
| Pumps..... | 1.700 | 1.500 | | | |
| Rollers..... | 1.700 | 1.500 | <i>Helpers and laborers</i> | | |
| Shovels..... | 1.825 | 1.625 | Bricklayers' tenders..... | 1.350 | 1.250 |
| Tractors, over 35 horsepower..... | 1.700 | 1.500 | Building laborers..... | 1.100 | 1.000 |
| Trenching machines..... | 1.700 | 1.500 | Elevator constructors' helpers..... | 1.300 | 1.135 |
| Glaziers (outside)..... | 1.520 | 1.370 | Marble setters' helpers ¹ | 1.100 | 1.000 |
| Inside..... | 1.370 | 1.250 | Plasterers' laborers..... | 1.350 | 1.250 |
| Granite cutters (outside)..... | 1.563 | 1.313 | Plumbers' laborers..... | 1.300 | 1.150 |
| Inside..... | 1.500 | 1.250 | Terrazzo workers' helpers ¹ | 1.100 | 1.000 |
| Surface-machine operators..... | 1.531 | 1.370 | Tile layers' helpers ¹ | 1.100 | 1.000 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

DES MOINES, IOWA

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1. 500 | \$1. 500 | Marble setters..... | \$1. 600 | \$1. 430 |
| Bricklayers..... | 2. 000 | 1. 725 | Mosaic and terrazzo workers..... | 1. 600 | 1. 430 |
| Carpenters..... | 1. 600 | 1. 375 | Painters..... | 1. 450 | 1. 325 |
| Cement finishers..... | 1. 600 | 1. 375 | Spray..... | 1. 700 | 1. 575 |
| Electricians (inside wiremen)..... | 1. 750 | 1. 500 | Paperhangers..... | 1. 450 | 1. 325 |
| Elevator constructors ¹ | 1. 555 | 1. 555 | Plasterers..... | 1. 750 | 1. 500 |
| Engineers—power equipment operators: | | | Plumbers ¹ | 1. 750 | 1. 550 |
| Air compressors..... | 1. 550 | 1. 475 | Roofers: | | |
| Bulldozers..... | 1. 550 | 1. 475 | Composition: | | |
| Cranes, derricks, and draglines..... | 1. 700 | 1. 550 | New work..... | 1. 150 | 1. 100 |
| Graders..... | 1. 700 | 1. 550 | Reroofing..... | 1. 150 | 1. 000 |
| Hoists: | | | Slate and tile..... | 1. 150 | 1. 150 |
| 1 drum..... | 1. 550 | 1. 475 | Sheet-metal workers ¹ | 1. 580 | 1. 500 |
| 2 drums..... | 1. 700 | 1. 550 | Sign painters..... | 1. 450 | 1. 325 |
| LeTourneau..... | 1. 700 | 1. 550 | Steam fitters..... | 1. 750 | 1. 500 |
| Mixers: | | | Stonemasons..... | 2. 000 | 1. 725 |
| Under 2 bags..... | 1. 550 | 1. 475 | Structural-iron workers..... | 1. 700 | 1. 500 |
| Paving type..... | 1. 700 | 1. 550 | Rodmen..... | 1. 700 | 1. 500 |
| Pumps: | | | Tile layers..... | 1. 600 | 1. 430 |
| 3 inches or under..... | 1. 150 | 1. 150 | | | |
| Over 3 inches..... | 1. 550 | 1. 475 | <i>Helpers and laborers</i> | | |
| Rollers..... | 1. 550 | 1. 475 | Bricklayers' tenders..... | 1. 050 | . 850 |
| Scrapers..... | 1. 550 | 1. 475 | Building laborers..... | 1. 050 | . 850 |
| Shovels..... | 1. 700 | 1. 550 | Elevator constructors' helpers ¹ | 1. 090 | 1. 090 |
| Tractors..... | 1. 550 | 1. 475 | Marble setters' helpers..... | 1. 050 | . 850 |
| Trenching machines..... | 1. 700 | 1. 550 | Plasterers' laborers..... | 1. 175 | 1. 025 |
| Glaziers..... | 1. 375 | 1. 250 | Plumbers' laborers..... | 1. 050 | . 850 |
| Lathers..... | 1. 750 | 1. 500 | Terrazzo workers' helpers..... | 1. 050 | . 850 |
| | | | Tile layers' helpers..... | 1. 050 | . 850 |

DETROIT, MICH.

| | | | | | |
|--------------------------------------|----------|----------|--|----------|----------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1. 900 | \$1. 625 | Roofers: | | |
| Home insulators..... | 1. 500 | 1. 375 | Composition..... | \$1. 750 | \$1. 550 |
| Boilermakers..... | 1. 900 | 1. 750 | Foremen..... | 2. 050 | 1. 900 |
| Bricklayers..... | 2. 000 | 1. 725 | Slate and tile: | | |
| Carpenters ¹ | 1. 750 | 1. 500 | Slaters..... | 2. 050 | 1. 950 |
| Cement finishers..... | 1. 725 | 1. 500 | Precast tile..... | 1. 750 | 1. 600 |
| Electricians (inside wiremen)..... | 2. 000 | 1. 850 | Sheet-metal workers..... | 1. 875 | 1. 550 |
| Elevator constructors..... | 1. 910 | 1. 750 | Sign painters..... | 1. 950 | 1. 650 |
| Engineers—power equipment operators: | | | Steam fitters..... | 2. 000 | 1. 750 |
| Air compressors, concrete..... | 1. 438 | 1. 438 | Sprinkler fitters..... | 1. 750 | 1. 580 |
| Building and road construction..... | 1. 675 | 1. 675 | Stonemasons..... | 2. 000 | 1. 725 |
| Steel erection..... | 2. 000 | 1. 825 | Structural-iron workers..... | 2. 000 | 1. 825 |
| Glaziers, outside..... | 1. 610 | 1. 438 | Riggers..... | 1. 750 | 1. 625 |
| Lathers ¹ | 1. 900 | 1. 725 | Rodmen..... | 1. 750 | 1. 500 |
| Residential..... | 1. 900 | 1. 675 | Tile layers..... | 1. 875 | 1. 675 |
| Machinists..... | 2. 000 | 1. 750 | | | |
| Marble setters..... | 1. 900 | 1. 725 | <i>Helpers and laborers</i> | | |
| Mosaic and terrazzo workers..... | 1. 750 | 1. 500 | Bricklayers' tenders..... | 1. 150 | 1. 100 |
| Painters ¹ | 1. 725 | 1. 500 | Mortar mixers ¹ | 1. 250 | 1. 100 |
| Spray and stage ¹ | 1. 975 | 1. 750 | Building laborers ¹ | 1. 150 | 1. 000 |
| Paperhangers ¹ | 1. 725 | 1. 500 | Elevator constructors' helpers..... | 1. 340 | 1. 225 |
| Plasterers..... | 2. 000 | 1. 725 | Marble setters' helpers ¹ | 1. 300 | 1. 125 |
| Residential..... | 1. 900 | 1. 625 | Plasterers' laborers..... | 1. 500 | 1. 250 |
| Plumbers ¹ | 1. 900 | 1. 750 | Sprinkler fitters' helpers..... | 1. 100 | . 950 |
| | | | Terrazzo workers' helpers..... | 1. 350 | 1. 150 |
| | | | Base-machine operators..... | 1. 625 | 1. 475 |
| | | | Tile layers' helpers ¹ | 1. 300 | 1. 125 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

DULUTH, MINN.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|---------------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1. 500 | \$1. 200 | Glaziers..... | \$1. 200 | \$0. 978 |
| Boilermakers..... | 1. 750 | 1. 700 | Lathers ¹ | 1. 500 | 1. 350 |
| Bricklayers ¹ | 1. 625 | 1. 500 | Marble setters..... | 1. 625 | 1. 500 |
| Carpenters..... | 1. 500 | 1. 295 | Painters..... | 1. 400 | 1. 250 |
| Cement finishers..... | 1. 325 | 1. 150 | Structural steel..... | 1. 500 | 1. 500 |
| Electricians (inside wiremen) ¹ | 1. 500 | 1. 400 | Paperhangers..... | 1. 400 | 1. 250 |
| Elevator constructors..... | 1. 490 | 1. 400 | Plasterers..... | 1. 725 | 1. 500 |
| Engineers—power equipment operators: | | | Plumbers..... | 1. 550 | 1. 375 |
| Air compressors..... | 1. 400 | 1. 200 | Roofers, composition ¹ | 1. 100 | 1. 000 |
| Bulldozers..... | 1. 700 | 1. 500 | Foremen ¹ | 1. 300 | 1. 200 |
| Cranes, derricks, and drag-lines..... | 1. 850 | 1. 625 | Sheet-metal workers..... | 1. 500 | 1. 300 |
| Graders..... | 1. 500 | 1. 250 | Sign painters..... | 1. 650 | 1. 450 |
| Elevating..... | 1. 550 | 1. 300 | Steam fitters..... | 1. 550 | 1. 375 |
| Motor patrol and pavement..... | 1. 450 | ..... | Stonemasons ¹ | 1. 625 | 1. 500 |
| Hoists, 1 drum..... | 1. 700 | 1. 500 | Structural-iron workers..... | 1. 750 | 1. 625 |
| LeTourneau..... | 1. 700 | 1. 500 | Rodmen..... | 1. 550 | 1. 375 |
| Mixers, road..... | 1. 750 | ..... | Tile layers..... | 1. 625 | 1. 500 |
| 14S and under..... | 1. 500 | 1. 200 | | | |
| Over 14S..... | 1. 700 | 1. 400 | <i>Helpers and laborers</i> | | |
| Pumps..... | 1. 400 | 1. 200 | Bricklayers' tenders..... | 1. 100 | ² 875 |
| Rollers: | | | Building laborers..... | 1. 000 | ² 775 |
| Under 8 tons..... | 1. 500 | 1. 250 | Elevator constructors' helpers..... | 1. 040 | 980 |
| 8 tons or over..... | 1. 700 | 1. 500 | Plasterers' laborers ¹ | 1. 150 | ² 1. 000 |
| Shovels..... | 1. 850 | 1. 625 | Plumbers' laborers..... | 1. 100 | ² 775 |
| Tractors..... | 1. 500 | 1. 200 | | | |
| 50 hp. or less without power take-off..... | 1. 200 | 1. 000 | | | |
| Trenching machines..... | 1. 700 | 1. 500 | | | |

EL PASO, TEX.

| | | | | | |
|---------------------------------------|----------|----------|---|----------|----------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1. 750 | \$1. 500 | Engineers—power equipment operators—Continued | | |
| Bricklayers..... | 1. 750 | 1. 625 | Tractors..... | \$1. 250 | \$1. 250 |
| Carpenters ¹ | 1. 375 | 1. 250 | Trenching machines..... | 1. 500 | 1. 500 |
| Cement finishers..... | 1. 440 | 1. 440 | Glaziers..... | 1. 375 | 1. 250 |
| Electricians (inside wiremen)..... | 1. 750 | 1. 500 | Lathers..... | 1. 750 | 1. 500 |
| Engineers—power equipment operators: | | | Marble setters..... | 1. 750 | 1. 625 |
| Air compressors..... | 1. 000 | 1. 000 | Mosaic and terrazzo workers..... | 1. 750 | 1. 625 |
| Bulldozers..... | 1. 250 | 1. 250 | Painters..... | 1. 375 | 1. 250 |
| Cranes, derricks, and drag-lines..... | 1. 500 | 1. 500 | Stage..... | 1. 500 | 1. 375 |
| Graders, road..... | 1. 000 | 1. 000 | Spray and structural steel..... | 1. 625 | 1. 500 |
| Hoists: | | | Paperhangers..... | 1. 375 | 1. 250 |
| 1 drum..... | 1. 250 | 1. 250 | Plasterers ¹ | 1. 750 | 1. 625 |
| 2 drums..... | 1. 500 | 1. 500 | Plumbers and gas fitters ¹ | 1. 750 | 1. 625 |
| LeTourneau..... | 1. 250 | 1. 250 | Sheet-metal workers..... | 1. 750 | 1. 500 |
| Mixers: | | | Sign painters..... | 1. 500 | 1. 250 |
| Under 10S..... | 1. 000 | 1. 000 | Steam fitters..... | 1. 750 | 1. 625 |
| 10S or over..... | 1. 500 | 1. 500 | Stonecutters..... | 1. 750 | 1. 625 |
| Pumps..... | 1. 000 | 1. 000 | Structural-iron workers..... | 1. 500 | 1. 500 |
| Rollers..... | 1. 250 | 1. 250 | Rodmen..... | 1. 250 | 1. 250 |
| Shovels..... | 1. 500 | 1. 500 | Tile layers..... | 1. 750 | 1. 625 |

¹ For changes since July 1946, see appendix.² Hours per week, 44.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

ERIE, PA.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|--|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.625 | \$1.500 | Lathers ¹ | \$1.750 | \$1.750 |
| Bricklayers ¹ | 1.950 | 1.750 | Marble setters..... | 1.700 | 1.500 |
| Carpenters..... | 1.525 | 1.375 | Mosaic and terrazzo workers..... | 1.700 | 1.500 |
| Cement finishers..... | 1.625 | 1.500 | Painters..... | 1.425 | 1.275 |
| On scaffold above 3 floors..... | 1.775 | 1.650 | Spray..... | 1.775 | 1.600 |
| Electricians (inside wiremen) ¹ | 1.750 | 1.500 | Swing..... | 1.525 | 1.400 |
| Elevator constructors..... | 1.740 | 1.570 | Structural-iron workers..... | 1.525 | 1.500 |
| Engineers—power equipment operators: | | | Paperhangers..... | 1.425 | 1.275 |
| Air compressors..... | 1.375 | 1.375 | Plasterers..... | 1.850 | 1.725 |
| Bulldozers..... | 1.500 | 1.500 | Plumbers ¹ | 1.625 | 1.500 |
| Cranes, derricks, and draglines..... | 1.750 | 1.750 | Roofers: | | |
| Graders: | | | Composition ¹ | 1.375 | 1.250 |
| Elevating..... | 1.750 | 1.750 | Slate and tile ¹ | 1.375 | 1.250 |
| Power..... | 1.500 | 1.500 | Sheet metal workers ¹ | 1.375 | 1.250 |
| Holsts: | | | Steam fitters ¹ | 1.625 | 1.500 |
| 1 drum..... | 1.375 | 1.375 | Stonemasons..... | 1.950 | 1.750 |
| 2 drums..... | 1.750 | 1.750 | Structural-iron workers..... | 1.750 | 1.675 |
| LeTourneau..... | 1.625 | 1.625 | Rodmen..... | 1.600 | 1.438 |
| Mixers: | | | Tile layers..... | 1.700 | 1.150 |
| Less than 1 yard..... | 1.375 | 1.375 | | | |
| Paving..... | 1.750 | 1.750 | <i>Helpers and laborers</i> | | |
| Pumps..... | 1.375 | 1.375 | Bricklayers' tenders: | | |
| Rollers: | | | Using wheelbarrow..... | 1.050 | .925 |
| On grade..... | 1.375 | 1.375 | Using hod..... | 1.150 | 1.025 |
| On finish..... | 1.500 | 1.500 | Building laborers..... | 1.000 | .825 |
| Scrapers..... | 1.625 | 1.625 | Elevator constructors' helpers..... | 1.220 | 1.100 |
| Shovels..... | 1.750 | 1.750 | Marble setters' helpers..... | 1.100 | .925 |
| Tractors..... | 1.375 | 1.375 | Plasterers' laborers..... | 1.150 | 1.025 |
| Trenching machines..... | 1.625 | 1.625 | Plumbers' laborers..... | 1.100 | .925 |
| G-aziers..... | 1.350 | 1.250 | Terrazzo workers' helpers..... | 1.100 | .925 |
| | | | Tile layers' helpers..... | 1.100 | .925 |

GRAND RAPIDS, MICH.

| | | | | | |
|--|---------|---------|---|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.625 | \$1.525 | Plasterers..... | \$1.800 | \$1.500 |
| Bricklayers ¹ | 1.900 | 1.650 | Plumbers ¹ | 1.625 | 1.500 |
| Carpenters ¹ | 1.500 | 1.250 | Roofers: | | |
| Wharf, bridge and millwrights ¹ | 1.500 | 1.500 | Composition..... | 1.300 | 1.150 |
| Cement finishers..... | 1.500 | 1.250 | Foremen..... | 1.400 | 1.250 |
| Electricians (inside wiremen) ¹ | 1.750 | 1.750 | Slate and tile..... | 1.400 | 1.250 |
| Residential ¹ | 1.750 | 1.500 | Sheet-metal workers..... | 1.400 | 1.250 |
| Elevator constructors ¹ | 1.625 | 1.625 | Sign painters..... | 1.500 | 1.500 |
| Engineers—power equipment operators: | | | Steam fitters..... | 1.625 | 1.500 |
| Air compressors: | | | Stonemasons ¹ | 1.900 | 1.650 |
| Concrete..... | 1.438 | 1.438 | Structural-iron workers..... | 1.725 | 1.725 |
| Steel..... | 1.900 | 1.750 | Rodmen..... | 1.430 | 1.430 |
| Building construction engineers P. & H..... | 1.675 | 1.675 | Tile layers ¹ | 1.440 | 1.440 |
| Engineers on steel erection..... | 1.900 | 1.750 | | | |
| Road construction..... | 1.675 | 1.675 | <i>Helpers and laborers</i> | | |
| Glaziers (outside)..... | 1.430 | 1.240 | Bricklayers' tenders ¹ | .950 | .850 |
| Lathers..... | 1.800 | 1.500 | Mortar mixers..... | 1.050 | .950 |
| Marble setters ¹ | 1.440 | 1.440 | Building laborers ¹ | .950 | .850 |
| Mosaic and terrazzo workers ¹ | 1.440 | 1.440 | Elevator constructors' helpers ¹ | 1.145 | 1.145 |
| Painters ¹ | 1.250 | 1.150 | Marble setters' helpers..... | 1.300 | 1.000 |
| Spray and swing stage ¹ | 1.500 | 1.400 | Plasterers' laborers ¹ | 1.100 | 1.000 |
| Paperhangers ¹ | 1.250 | 1.150 | Terrazzo workers' helpers..... | 1.300 | 1.000 |
| | | | Base-machine operators..... | 1.500 | 1.250 |
| | | | Tile layers' helpers..... | 1.300 | 1.000 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

HOUSTON, TEX.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--------------------------------------|----------------|--------------|--|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1. 875 | \$1. 625 | Mosaic and terrazzo workers..... | \$1. 750 | \$1. 580 |
| Boilermakers..... | 1. 750 | 1. 500 | Painters..... | 1. 500 | 1. 250 |
| Bricklayers..... | 2. 000 | 1. 725 | Spray stage and steel spray stage..... | 1. 875 | 1. 625 |
| Carpenters..... | 1. 625 | 1. 375 | Steel spray..... | 1. 750 | 1. 625 |
| Cement finishers..... | 1. 625 | 1. 500 | Spray..... | 1. 750 | 1. 500 |
| Electricians (inside wiremen)..... | 1. 875 | 1. 625 | Structural steel and stage..... | 1. 625 | 1. 375 |
| Elevator constructors..... | 1. 875 | 1. 625 | Paperhangers..... | 1. 500 | 1. 250 |
| Engineers—power equipment operators: | | | Plasterers ¹ | 1. 875 | 1. 625 |
| Air compressors..... | 1. 500 | 1. 250 | Plumbers ¹ | 1. 875 | 1. 625 |
| Bulldozers..... | 1. 750 | 1. 500 | Roofers: | | |
| Cranes, derricks, and draglines..... | 1. 750 | 1. 500 | Composition..... | 1. 375 | 1. 125 |
| Graders, road and elevating: | | | Slate and tile..... | 1. 500 | 1. 500 |
| Towed..... | 1. 500 | 1. 250 | Sheet-metal workers..... | 1. 875 | 1. 625 |
| Self-propelled..... | 1. 750 | 1. 500 | Sign painters..... | 1. 750 | 1. 500 |
| Hoists: | | | Steam fitters..... | 1. 875 | 1. 625 |
| 1 drum..... | 1. 500 | 1. 250 | Stonemasons..... | 2. 000 | 1. 725 |
| 2 drums..... | 1. 750 | 1. 500 | Structural-iron workers..... | 1. 875 | 1. 625 |
| Mixers: | | | Rodmen..... | 1. 625 | 1. 375 |
| Less than 14 cubic feet..... | 1. 500 | 1. 250 | Sheeters..... | 2. 125 | 1. 875 |
| 14 cubic feet or over..... | 1. 750 | 1. 500 | Tile layers..... | 1. 750 | 1. 580 |
| Pumps, larger than 2 inches..... | 1. 500 | 1. 250 | | | |
| Scrapers: | | | <i>Helpers and laborers</i> | | |
| 3 cubic yards or less..... | 1. 500 | 1. 250 | Bricklayers' tenders..... | 1. 000 | . 750 |
| Over 3 cubic yards..... | 1. 750 | 1. 500 | Building laborers..... | . 800 | . 600 |
| Tractors..... | 1. 500 | 1. 250 | Elevator constructors' helpers..... | 1. 313 | 1. 140 |
| Trenching machines..... | 1. 750 | 1. 500 | Marble setters' helpers..... | 1. 000 | . 750 |
| Glaziers..... | 1. 500 | 1. 250 | Plasterers' laborers..... | 1. 000 | . 750 |
| Lathers..... | 1. 875 | 1. 625 | Plumbers' laborers..... | 1. 000 | . 750 |
| Machinists..... | 1. 625 | 1. 625 | Terrazzo workers' helpers..... | 1. 000 | . 750 |
| Marble setters..... | 1. 750 | 1. 580 | Tile layers' helpers..... | 1. 000 | . 750 |

INDIANAPOLIS, IND.

| | | | | | |
|--|----------|----------|---|----------|----------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers ¹ | \$1. 625 | \$1. 500 | Glaziers ¹ | \$1. 425 | \$1. 425 |
| Boilermakers..... | 1. 850 | 1. 700 | Lathers..... | 1. 625 | 1. 500 |
| Bricklayers..... | 1. 975 | 1. 675 | Machinists..... | 1. 500 | 1. 500 |
| Carpenters..... | 1. 675 | 1. 425 | Marble setters..... | 1. 750 | 1. 500 |
| Cement finishers ¹ | 1. 575 | 1. 375 | Mosaic and terrazzo workers..... | 1. 550 | 1. 375 |
| Electricians (inside wiremen) ¹ | 1. 700 | 1. 700 | Painters..... | 1. 625 | 1. 425 |
| Elevator constructors ¹ | 1. 740 | 1. 640 | Spray..... | 1. 875 | 1. 675 |
| Engineers—power equipment operators: | | | Paperhangers..... | 1. 625 | 1. 425 |
| Air compressors..... | 1. 200 | 1. 100 | Plasterers ¹ | 1. 750 | 1. 625 |
| In battery..... | 1. 650 | 1. 550 | Plumbers..... | 1. 850 | 1. 625 |
| Bulldozers..... | 1. 650 | 1. 550 | Roofers: | | |
| Cranes, derricks, and draglines..... | 1. 700 | 1. 600 | Composition..... | 1. 350 | 1. 175 |
| Graders: | | | Foremen..... | 1. 450 | 1. 275 |
| Elevating..... | 1. 650 | 1. 550 | Slate and tile..... | 1. 500 | 1. 325 |
| Form..... | 1. 400 | 1. 300 | Sheet-metal workers..... | 1. 650 | 1. 470 |
| Hoists..... | 1. 700 | 1. 600 | Sign painters ¹ | 1. 625 | 1. 375 |
| Mixers: | | | Steam fitters..... | 1. 850 | 1. 625 |
| Under 21 cubic feet..... | 1. 200 | 1. 100 | Sprinkler fitters..... | 1. 750 | 1. 580 |
| 21 cubic feet or over..... | 1. 650 | 1. 550 | Stonemasons..... | 1. 975 | 1. 675 |
| Dual drum..... | 1. 850 | 1. 750 | Structural-iron workers..... | 1. 875 | 1. 650 |
| Pumps: | | | Rodmen..... | 1. 875 | 1. 650 |
| Over 2 inches..... | 1. 400 | 1. 300 | Tile layers..... | 1. 750 | 1. 500 |
| In battery of 4..... | 1. 650 | 1. 550 | | | |
| Rollers: | | | <i>Helpers and laborers</i> | | |
| On earth..... | 1. 400 | 1. 300 | Bricklayers' tenders..... | 1. 175 | 1. 100 |
| On stone, blacktop, or brick..... | 1. 650 | 1. 550 | Building laborers ¹ | . 925 | . 850 |
| Shovels..... | 1. 700 | 1. 600 | Composition roofers' helpers..... | . 950 | . 800 |
| Tractors..... | 1. 400 | 1. 300 | Elevator constructors' helpers ¹ | 1. 220 | 1. 150 |
| Trenching machines..... | 1. 650 | 1. 550 | Plasterers' laborers..... | 1. 175 | 1. 100 |
| | | | Plumbers' laborers..... | . 925 | . 850 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

JACKSON, MISS.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|---------------------------------------|----------------|--------------|--|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Bricklayers..... | \$1.875 | \$1.625 | Lathers..... | \$1.250 | \$1.250 |
| Carpenters ¹ | 1.250 | 1.150 | Marble setters..... | 1.875 | 1.500 |
| Cement finishers..... | 1.500 | 1.500 | Mosaic and terrazzo workers..... | 1.875 | 1.500 |
| Electricians (inside wiremen)..... | 1.500 | 1.375 | Painters..... | 1.250 | 1.000 |
| Engineers—power equipment operators: | | | Spray..... | 1.500 | 1.500 |
| Air compressors..... | 1.250 | 1.125 | Swing stage..... | 1.500 | 1.250 |
| Bulldozers..... | 1.500 | 1.375 | Paperhangers..... | 1.375 | 1.000 |
| Cranes, derricks, and drag-lines..... | 1.625 | 1.500 | Plasterers..... | 1.750 | 1.500 |
| Graders: | | | Plumbers ¹ | 1.625 | 1.500 |
| Blade..... | 1.250 | 1.125 | Roofers: | | |
| Elevating and motor..... | 1.500 | 1.375 | Composition..... | 1.150 | 1.150 |
| Hoists: | | | Slate and tile..... | 1.150 | 1.150 |
| 1 drum..... | 1.500 | 1.125 | Sheet-metal workers..... | 1.375 | 1.250 |
| 2 drums..... | 1.500 | 1.375 | Sign painters..... | 1.500 | 1.250 |
| Mixers: | | | Steam fitters..... | 1.625 | 1.500 |
| 108 or smaller..... | 1.375 | 1.250 | Stonemasons..... | 1.875 | 1.625 |
| Larger than 108..... | 1.500 | 1.375 | Structural-iron workers ¹ | 1.500 | 1.500 |
| Pumps..... | 1.250 | 1.125 | Rodmen..... | 1.250 | 1.250 |
| Rollers..... | 1.500 | 1.375 | Tile layers..... | 1.875 | 1.500 |
| Scrapers..... | 1.500 | 1.375 | | | |
| Shovels..... | 1.625 | 1.500 | <i>Helpers and laborers</i> | | |
| Tractors..... | 1.250 | 1.125 | Bricklayers' tenders ¹ | .700 | ----- |
| Trenching machines..... | 1.500 | 1.375 | Building laborers ¹ | .600 | ----- |
| Glaziers..... | 1.000 | 1.000 | Plasterers' laborers ¹ | .700 | ----- |

JACKSONVILLE, FLA.

| | | | | | |
|--|---------|---------|-------------------------------------|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.625 | \$1.500 | Painters..... | \$1.250 | \$1.250 |
| Boilermakers..... | 1.625 | 1.500 | Spray..... | 1.875 | 1.875 |
| Bricklayers..... | 1.625 | 1.500 | Structural steel workers..... | 1.625 | 1.500 |
| Carpenters ¹ | 1.250 | 1.125 | Paperhangers..... | 1.250 | 1.250 |
| Millwrights and pile drivers ¹ | 1.350 | 1.250 | Plasterers..... | 1.750 | 1.500 |
| Cement finishers..... | 1.375 | 1.250 | Plumbers and gas fitters..... | 1.700 | 1.500 |
| Electricians (inside wiremen) ¹ | 1.750 | 1.500 | Roofers: | | |
| Elevator constructors..... | 1.675 | 1.500 | Composition..... | 1.125 | 1.125 |
| Engineers—power equipment operators: | | | Slate and tile..... | 1.125 | 1.125 |
| Air compressors..... | 1.250 | 1.250 | Sheet-metal workers..... | 1.550 | 1.250 |
| Bulldozers..... | 1.250 | 1.250 | Sign painters..... | 1.500 | 1.375 |
| Cranes, derricks, and drag-lines..... | 1.500 | 1.500 | Steam fitters..... | 1.700 | 1.500 |
| Graders..... | 1.250 | 1.250 | Stonemasons..... | 1.625 | 1.500 |
| Hoists: | | | Structural-iron workers..... | 1.625 | 1.500 |
| 1 drum..... | 1.250 | 1.250 | Rodmen..... | 1.375 | 1.250 |
| 2 drums..... | 1.500 | 1.500 | Tile layers..... | 1.625 | 1.500 |
| Mixers..... | 1.250 | 1.250 | | | |
| Pumps..... | 1.000 | 1.000 | <i>Helpers and laborers</i> | | |
| Rollers..... | 1.250 | 1.250 | Bricklayers' tenders..... | .800 | .600 |
| Shovels..... | 1.500 | 1.500 | Mortar mixers..... | .850 | .650 |
| Tractors..... | 1.250 | 1.250 | Building laborers..... | .750 | .600 |
| Glaziers..... | 1.000 | 1.000 | Elevator constructors' helpers..... | 1.170 | 1.050 |
| Lathers..... | 1.750 | 1.500 | Plasterers' laborers..... | .800 | .650 |
| Marble setters..... | 1.625 | 1.500 | Plumbers' laborers..... | .800 | .600 |
| Mosaic and terrazzo workers..... | 1.625 | 1.500 | Tile layers' helpers..... | .800 | .650 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

KANSAS CITY, MO.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|---------------------------------------|----------------|--------------|-------------------------------------|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.750 | \$1.625 | Painters..... | \$1.700 | \$1.575 |
| Boilermakers..... | 1.875 | 1.625 | Paperhangers..... | 1.700 | 1.575 |
| Bricklayers..... | 2.000 | 1.750 | Plasterers..... | 2.000 | 1.750 |
| Carpenters..... | 1.750 | 1.500 | Plumbers and gas fitters..... | 1.875 | 1.700 |
| Cement finishers..... | 1.750 | 1.575 | Roofers: | | |
| Electricians (inside wiremen)..... | 1.875 | 1.650 | Composition..... | 1.600 | 1.440 |
| Elevator constructors..... | 1.925 | 1.645 | Foremen..... | 1.740 | 1.580 |
| Engineers—power equipment op- | | | Slate and tile..... | 1.600 | 1.440 |
| erators: | | | Sheet-metal workers..... | 1.875 | 1.675 |
| Air compressors..... | 1.750 | 1.550 | Residential..... | 1.500 | 1.500 |
| 2-inch tandem..... | 1.875 | 1.675 | Sign painters..... | 2.000 | 1.720 |
| Bulldozers ¹ | 1.625 | 1.425 | Steam fitters..... | 1.875 | 1.700 |
| Cranes, derricks, and drag- | | | Sprinkler fitters..... | 1.750 | 1.580 |
| lines..... | 1.875 | 1.675 | Stonemasons..... | 1.750 | 1.500 |
| Graders, elevating ¹ | 1.625 | 1.425 | Structural-iron workers..... | 1.875 | 1.700 |
| Hoists: | | | Rodmen..... | 1.750 | 1.575 |
| 1 drum..... | 1.750 | 1.550 | Tile layers..... | 1.775 | 1.450 |
| 2 drums..... | 1.875 | 1.675 | | | |
| LeTourneau..... | 1.750 | 1.550 | <i>Helpers and laborers</i> | | |
| Mixers..... | 1.750 | 1.550 | Bricklayers' tenders..... | 1.350 | 1.125 |
| Pumps..... | 1.750 | 1.550 | Building laborers..... | 1.175 | .975 |
| Rollers..... | 1.750 | 1.550 | Elevator constructors' helpers..... | 1.348 | 1.150 |
| Shovels..... | 1.875 | 1.675 | Marble setters' helpers..... | 1.225 | 1.025 |
| Tractors..... | 1.250 | 1.175 | Plasterers' laborers..... | 1.350 | 1.125 |
| Trenching machines (hoe)..... | 1.875 | 1.675 | Plumbers' laborers..... | 1.225 | 1.025 |
| Glaziers..... | 1.875 | 1.625 | Sprinkler fitters' helpers..... | 1.150 | .950 |
| Lathers..... | 1.900 | 1.650 | Terrazzo workers' helpers..... | 1.225 | .960 |
| Machinists..... | 1.650 | 1.650 | Tile layers' helpers..... | 1.225 | 1.025 |
| Marble setters..... | 1.825 | 1.650 | | | |
| Mosaic and terrazzo workers..... | 1.775 | 1.450 | | | |

LITTLE ROCK, ARK.

| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
|--|---------|---------|---|---------|---------|
| Asbestos workers..... | \$1.625 | \$1.500 | Glaziers..... | \$1.375 | \$1.250 |
| Bricklayers ¹ | 1.875 | 1.625 | Marble setters..... | 1.875 | 1.625 |
| Carpenters ¹ | 1.375 | 1.250 | Mosaic and terrazzo workers..... | 1.875 | 1.625 |
| Cement finishers..... | 1.500 | 1.250 | Painters..... | 1.375 | 1.250 |
| Electricians (inside wiremen) ¹ | 1.500 | 1.375 | Spray..... | 1.750 | 1.750 |
| Elevator constructors ¹ | 1.500 | 1.500 | Swing stage..... | 1.750 | 1.500 |
| Engineers—power equipment op- | | | Paperhangers..... | 1.500 | 1.250 |
| erators: | | | Plasterers..... | 1.750 | 1.500 |
| Air compressors..... | 1.250 | 1.250 | Plumbers ¹ | 1.750 | 1.500 |
| Bulldozers..... | 1.375 | 1.375 | Sheet-metal workers..... | 1.375 | 1.250 |
| Cranes, derricks, and drag- | | | Sign painters..... | 1.500 | 1.250 |
| lines..... | 1.500 | 1.500 | Steam fitters ¹ | 1.750 | 1.500 |
| Graders, elevating..... | 1.250 | 1.250 | Stonemasons..... | 1.875 | 1.625 |
| Hoists: | | | Structural-iron workers..... | 1.625 | 1.500 |
| 1 drum..... | 1.250 | 1.250 | Rodmen..... | 1.375 | 1.250 |
| 2 drums..... | 1.500 | 1.500 | Tile layers..... | 1.875 | 1.625 |
| Mixers: | | | | | |
| 108 or smaller..... | 1.250 | 1.250 | <i>Helpers and laborers</i> | | |
| Larger than 108..... | 1.500 | 1.500 | Bricklayers' tenders..... | 1.000 | .750 |
| Pumps..... | 1.250 | 1.250 | Building laborers ¹ | .700 | .600 |
| Rollers..... | 1.250 | 1.250 | Elevator constructors' helpers ¹ | 1.050 | 1.050 |
| Shovels..... | 1.500 | 1.500 | Plumbers' laborers..... | .750 | .600 |
| Trenching machines..... | 1.500 | 1.500 | | | |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

LOS ANGELES, CALIF.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|---|----------------|--------------|--|--------------------|--------------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.750 | \$1.500 | Lathers: | | |
| Home insulators..... | 1.400 | 1.125 | Metal ¹ | \$1.850 | \$1.667 |
| Boilermakers ¹ | 1.750 | 1.650 | Wood ¹ | 1.750 | 1.500 |
| Bricklayers ¹ | 1.850 | 1.500 | Machinists..... | 1.900 | 1.550 |
| Carpenters ¹ | 1.500 | 1.350 | Marble setters ¹ | 1.625 | 1.438 |
| Millwrights ¹ | 1.700 | 1.550 | Mosaic and terrazzo workers ¹ | 1.625 | 1.500 |
| Parquetry floor layers ¹ | 1.575 | 1.425 | Painters..... | 1.500 | 1.250 |
| Wharf and bridge ¹ | 1.725 | 1.575 | Spray..... | 1.750 | 1.500 |
| Cement finishers ¹ | 1.625 | 1.500 | Paperhangers..... | 1.625 | 1.375 |
| Composition and mastic finishers ¹ | 1.750 | 1.625 | Plasterers ¹ | ² 1.850 | ² 1.667 |
| Electricians (inside wiremen) ¹ | 1.750 | 1.700 | Plumbers and gas fitters..... | 2.000 | 1.750 |
| Fixture hangers..... | 2.000 | | Lead burners..... | 2.250 | 2.000 |
| Elevator constructors..... | 1.700 | 1.590 | Utility plumbers..... | 2.000 | 1.750 |
| Engineers—power equipment operators: | | | Roofers: | | |
| Air compressors ¹ | 1.300 | 1.250 | Composition ¹ | 1.430 | 1.313 |
| Bulldozers ¹ | 1.550 | 1.500 | Damp and waterproof workers..... | 1.430 | 1.375 |
| Cranes, derricks, and draglines: | | | Foremen ¹ | 1.550 | 1.438 |
| Capacity less than 1 cu. yd..... | 1.625 | 1.625 | Slate and tile ¹ | 1.430 | 1.313 |
| Capacity 1 cu. yd. or more ¹ | 1.750 | 1.750 | Sheet-metal workers..... | 1.750 | 1.500 |
| Graders ¹ | 1.425 | 1.375 | Sign painters..... | ² 2.000 | ² 1.500 |
| Elevating ¹ | 1.675 | 1.625 | Advertising..... | ² 2.000 | ² 1.714 |
| Hoists..... | 1.625 | 1.625 | Steam fitters ¹ | 1.875 | 1.750 |
| LeTourneau: | | | Pipe line fitters..... | 2.000 | 1.875 |
| Model super C..... | 1.550 | 1.500 | Sprinkler fitters..... | 1.750 | 1.580 |
| Models larger than super C..... | 1.675 | 1.625 | Refrigerator fitters: | | |
| Mixers: | | | Certified journeymen..... | 1.750 | 1.500 |
| Paving type ¹ | 1.650 | 1.625 | Noncertified journeymen..... | 1.500 | 1.375 |
| Skip type ¹ | 1.425 | 1.375 | Welders..... | 1.875 | 1.750 |
| Mobile type ¹ | 1.550 | 1.500 | Stonemasons ¹ | 1.850 | 1.500 |
| Pumps ¹ | 1.300 | 1.250 | Structural-iron workers ¹ | 1.750 | 1.625 |
| Rollers ¹ | 1.500 | 1.375 | Finishers ¹ | 1.625 | 1.500 |
| Scrapers ¹ | 1.550 | 1.500 | Rodmen ¹ | 1.625 | 1.500 |
| Shovels: | | | Tile layers..... | 1.800 | 1.438 |
| Capacity less than 1 cubic yard..... | 1.625 | 1.625 | | | |
| Capacity 1 cubic yard or more ¹ | 1.750 | 1.750 | <i>Helpers and laborers</i> | | |
| Tractors ¹ | 1.550 | 1.500 | Bricklayers' tenders..... | 1.375 | 1.125 |
| Trenching machines ¹ | 1.625 | 1.500 | Building laborers ¹ | 1.000 | .875 |
| No. 224 Buckeye or larger..... | 1.625 | 1.625 | Elevator constructors' helpers..... | 1.190 | 1.110 |
| Glaziers..... | 1.350 | 1.250 | Marble setters' helpers..... | 1.220 | .900 |
| Granite cutters..... | 1.500 | 1.250 | Plasterers' laborers ¹ | 1.550 | 1.375 |
| | | | Steam fitters' helpers..... | 1.350 | 1.150 |
| | | | Sprinkler fitters' helpers..... | 1.100 | .950 |
| | | | Terrazzo workers' helpers..... | 1.375 | 1.250 |
| | | | Grinding- and base-machine operators..... | 1.625 | 1.500 |
| | | | Tile layers' helpers..... | 1.250 | .900 |

¹ For changes since July 1, 1946, see appendix.² Hours per week, 30.³ Hours per week, 35.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

LOUISVILLE, KY.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|--------------------------------------|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers ¹ | \$1.725 | \$1.625 | Glaziers..... | \$1.500 | \$1.250 |
| Boilermakers..... | 1.750 | 1.625 | Lathers..... | 1.700 | 1.500 |
| Bricklayers ¹ | 1.800 | 1.675 | Machinists..... | 1.750 | 1.438 |
| Carpenters ¹ | 1.600 | 1.500 | Marble setters..... | 1.625 | 1.500 |
| Cement finishers..... | 1.600 | 1.500 | Mosaic and terrazzo workers..... | 1.625 | 1.445 |
| Electricians (inside wiremen) ¹ | 1.725 | 1.625 | Painters..... | 1.500 | 1.250 |
| Elevator constructors..... | 1.745 | 1.610 | Paperhangers..... | 1.250 | 1.150 |
| Engineers—power equipment operators: | | | Plasterers ¹ | 1.750 | 1.625 |
| Air compressors: | | | Plumbers ¹ | 1.725 | 1.625 |
| Under 200 cubic feet per minute capacity..... | 1.450 | 1.425 | Roofers: | | |
| 200 cubic feet per minute capacity and over..... | 1.650 | 1.575 | Composition..... | 1.250 | 1.100 |
| Bulldozers..... | 1.650 | 1.575 | Slate and tile..... | 1.525 | 1.375 |
| Cranes, derricks, and draglines..... | 1.650 | 1.575 | Sheet-metal workers..... | 1.500 | 1.425 |
| Graders: | | | Sign painters..... | 1.750 | 1.440 |
| Road..... | 1.450 | 1.425 | Steam fitters..... | 1.725 | 1.625 |
| Elevating..... | 1.650 | 1.575 | Stonecutters..... | 1.450 | 1.250 |
| Hoists..... | 1.650 | 1.575 | Planemen..... | 1.250 | 1.000 |
| LeTourneau..... | 1.650 | 1.575 | Stone carvers..... | 1.575 | 1.375 |
| Mixers: | | | Stonemasons ¹ | 1.800 | 1.675 |
| Under 21 cubic feet..... | 1.450 | 1.425 | Structural-iron workers..... | 1.725 | 1.675 |
| 21 cubic feet and over..... | 1.650 | 1.575 | Rodmen..... | 1.550 | 1.500 |
| Pumps..... | 1.200 | 1.150 | Tile layers..... | 1.625 | 1.445 |
| Rollers: | | | | | |
| Bituminous..... | 1.650 | 1.575 | <i>Helpers and laborers</i> | | |
| Earth..... | 1.200 | 1.150 | Bricklayers' tenders..... | 1.150 | 1.090 |
| Rock..... | 1.450 | 1.425 | Building laborers ¹ | .900 | .700 |
| Shovels..... | 1.650 | 1.575 | Elevator constructors' helpers..... | 1.220 | 1.125 |
| Tractors: | | | Marble setters' helpers..... | 1.000 | .800 |
| Under 50 horsepower..... | 1.200 | 1.150 | Plasterers' laborers..... | 1.150 | 1.090 |
| 50 horsepower and over..... | 1.450 | 1.425 | Plumbers' laborers..... | .900 | .700 |
| Trenching machines..... | 1.650 | 1.575 | Terrazzo workers' helpers..... | 1.000 | .800 |
| | | | Base grinders..... | 1.250 | 1.150 |
| | | | Flat grinders..... | 1.000 | .890 |
| | | | Tile layers' helpers..... | 1.000 | .800 |

MADISON, WIS.

| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
|--|---------|---------|---|---------|---------|
| Asbestos workers..... | \$1.675 | \$1.525 | Marble setters..... | \$1.750 | \$1.500 |
| Bricklayers..... | 1.750 | 1.580 | Painters..... | 1.500 | 1.250 |
| Carpenters..... | 1.500 | 1.250 | Spray..... | 1.750 | 1.400 |
| Cement finishers..... | 1.475 | 1.300 | Paperhangers..... | 1.500 | 1.250 |
| Electricians (inside wiremen) ¹ | 1.500 | 1.500 | Plasterers..... | 1.750 | 1.500 |
| Elevator constructors..... | 1.575 | 1.520 | Plumbers..... | 1.750 | 1.500 |
| Engineers—power equipment operators: | | | Roofers: | | |
| Air compressors ¹ | 1.200 | 1.100 | Composition..... | 1.375 | 1.150 |
| Sewer and tunnel..... | 1.350 | 1.250 | Slate and tile, transite..... | 1.500 | 1.500 |
| Bulldozers ¹ | 1.400 | 1.300 | Sheet-metal workers ¹ | 1.500 | 1.400 |
| Cranes, derricks, and draglines..... | 1.750 | 1.650 | Sign painters..... | 1.500 | 1.250 |
| Hoists..... | 1.450 | 1.350 | Steam fitters..... | 1.750 | 1.500 |
| Mixers..... | 1.400 | 1.300 | Stonemasons..... | 1.750 | 1.580 |
| When paver is used..... | 1.600 | 1.500 | Structural-iron workers..... | 1.625 | 1.500 |
| Pumps..... | 1.150 | 1.050 | Rodmen..... | 1.625 | 1.375 |
| Concrete..... | 1.600 | 1.500 | | | |
| Sewer and tunnel..... | 1.300 | 1.200 | <i>Helpers and laborers</i> | | |
| Rollers..... | 1.600 | 1.500 | Bricklayers' tenders ¹ | 1.000 | .850 |
| Scrapers..... | 1.600 | 1.500 | Mortar mixers ¹ | 1.150 | 1.000 |
| Shovels..... | 1.750 | 1.650 | Building laborers ¹ | 1.000 | .850 |
| Tractors..... | 1.400 | 1.300 | Elevator constructors' helpers..... | 1.100 | 1.060 |
| Glaziers ¹ | 1.350 | 1.250 | Plasterers' laborers..... | 1.350 | 1.150 |
| Lathers..... | 1.675 | 1.500 | Plumbers' laborers..... | 1.000 | .850 |

¹ For change since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

MANCHESTER, N. H.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Bricklayers ¹ | \$1. 875 | \$1. 750 | Engineers—power equipment operators—Continued | | |
| Carpenters..... | 1. 375 | 1. 150 | Shovels..... | \$1. 900 | \$1. 650 |
| Cement finishers..... | 1. 875 | 1. 750 | Tractors..... | 1. 500 | 1. 350 |
| Electricians (inside wiremen) ¹ | 1. 250 | 1. 250 | Painters..... | 1. 150 | 1. 000 |
| Engineers—power equipment operators: | | | Paperhangers..... | 1. 150 | 1. 000 |
| Air compressors: | | | Plasterers ¹ | 1. 875 | 1. 750 |
| 220 cubic feet and under..... | 1. 150 | . 875 | Plumbers ¹ | 1. 500 | 1. 375 |
| 315 cubic feet and over..... | 1. 400 | 1. 250 | Steam fitters..... | 1. 500 | 1. 375 |
| Cranes, derricks, and drag-lines..... | 1. 900 | 1. 650 | Stonemasons..... | 1. 875 | 1. 750 |
| Hoists..... | 1. 500 | 1. 350 | Structural-iron workers..... | 1. 800 | 1. 650 |
| Mixers: | | | Rodmen..... | 1. 800 | 1. 650 |
| Small..... | 1. 050 | . 850 | Tile layers..... | 1. 875 | 1. 750 |
| Road..... | 1. 500 | 1. 350 | | | |
| Pumps..... | 1. 500 | 1. 350 | <i>Helpers and laborers</i> | | |
| Rollers: | | | Bricklayers' tenders..... | 1. 050 | . 900 |
| 5 tons and under..... | 1. 150 | 1. 000 | Building laborers ¹ | . 900 | . 750 |
| Over 5 tons..... | 1. 400 | 1. 125 | Plasterers' laborers..... | 1. 050 | . 900 |

MEMPHIS, TENN.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|--|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1. 625 | \$1. 500 | Glaziers..... | \$1. 300 | \$1. 125 |
| Bricklayers ¹ | 1. 938 | 1. 725 | Lathers ¹ | 1. 563 | 1. 563 |
| Carpenters..... | 1. 500 | 1. 300 | Marble setters..... | 1. 750 | 1. 500 |
| Cement finishers..... | 1. 500 | 1. 250 | Mosaic and terrazzo workers..... | 1. 750 | 1. 500 |
| Machine operators..... | 1. 625 | 1. 375 | Painters ¹ | 1. 500 | 1. 375 |
| Electricians (inside wiremen) ¹ | 1. 750 | 1. 580 | Spray..... | 1. 625 | 1. 500 |
| Elevator constructors..... | 1. 750 | 1. 570 | Structural steel..... | 1. 625 | 1. 625 |
| Engineers—power equipment operators: | | | Paperhangers..... | 1. 500 | 1. 375 |
| Air compressors: | | | Plasterers ¹ | 1. 875 | 1. 700 |
| Portable..... | 1. 250 | 1. 125 | Plumbers ¹ | 1. 750 | 1. 500 |
| Stationary..... | 1. 375 | 1. 250 | Roofers: | | |
| Bulldozers..... | 1. 500 | 1. 375 | Composition..... | 1. 625 | 1. 250 |
| Cranes, derricks, and drag-lines..... | 1. 750 | 1. 500 | Slate and tile..... | 1. 625 | 1. 250 |
| Graders..... | 1. 500 | 1. 375 | Sheet-metal workers..... | 1. 625 | 1. 438 |
| Hoists: | | | Sign painters..... | 1. 625 | 1. 500 |
| 1 drum..... | 1. 375 | 1. 250 | Steam fitters..... | 1. 750 | 1. 500 |
| 2 drums..... | 1. 625 | 1. 500 | Stonemasons..... | 1. 938 | 1. 725 |
| LeTourneau..... | 1. 625 | 1. 500 | Structural-iron workers ¹ | 1. 625 | 1. 500 |
| Mixers, mobile..... | 1. 375 | 1. 250 | Rodmen ¹ | 1. 500 | 1. 375 |
| 108 or smaller..... | 1. 250 | 1. 125 | Tile layers..... | 1. 750 | 1. 500 |
| Larger than 108..... | 1. 500 | 1. 375 | | | |
| Pumps, on excavation..... | 1. 000 | . 850 | <i>Helpers and laborers</i> | | |
| Under 3-inch discharge..... | . 850 | . 850 | Bricklayers' tenders..... | 1. 000 | . 750 |
| Rollers, top..... | 1. 500 | 1. 375 | Building laborers..... | . 750 | . 600 |
| Sheepfoot..... | 1. 500 | 1. 375 | Elevator constructors' helpers..... | 1. 225 | 1. 100 |
| Shovels..... | 1. 750 | 1. 500 | Plasterers' laborers..... | 1. 000 | . 750 |
| Tractors, 40 horsepower or less..... | 1. 250 | 1. 125 | Plumbers' laborers..... | 1. 125 | . 750 |
| Over 40 horsepower..... | 1. 375 | 1. 250 | | | |
| Trenching machines..... | 1. 500 | 1. 375 | | | |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

MILWAUKEE, WIS.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1. 675 | \$1. 525 | Painters..... | \$1. 500 | \$1. 300 |
| Boilermakers..... | 1. 750 | 1. 700 | Swing and stage..... | 1. 850 | 1. 400 |
| Bricklayers..... | 1. 825 | 1. 608 | Spray..... | 1. 725 | 1. 425 |
| Sewer, tunnel and caisson..... | 1. 900 | 1. 750 | Structural iron..... | 1. 850 | 1. 550 |
| Carpenters..... | 1. 600 | 1. 425 | Plasterers..... | 1. 750 | 1. 580 |
| Millwrights..... | 1. 575 | 1. 500 | Plumbers ¹ | 1. 700 | 1. 550 |
| Wharf and bridge..... | 1. 625 | 1. 425 | Roofers: | | |
| Cement finishers..... | 1. 600 | 1. 400 | Composition ¹ | 1. 350 | 1. 250 |
| Finishing machines..... | 1. 600 | 1. 500 | Built-up roofers ¹ | 1. 450 | 1. 350 |
| Electricians (inside wiremen) ¹ | 1. 650 | 1. 500 | Slate and tile..... | 1. 700 | 1. 400 |
| Residential ¹ | 1. 350 | 1. 250 | Sheet-metal workers..... | 1. 650 | 1. 500 |
| Elevator constructors..... | 1. 690 | 1. 520 | Sign painters..... | 1. 750 | 1. 580 |
| Engineers—power equipment operators: | | | Steam fitters..... | 1. 700 | 1. 550 |
| Air compressors ¹ | 1. 300 | 1. 200 | Sprinkler fitters..... | 1. 580 | 1. 580 |
| Bulldozers ¹ | 1. 500 | 1. 400 | Stone cutters..... | 1. 450 | 1. 250 |
| Cranes, derricks, and draglines ¹ | 1. 850 | 1. 750 | Stonemasons..... | 1. 825 | 1. 668 |
| Hoists ¹ | 1. 550 | 1. 450 | Structural-iron workers..... | 1. 700 | 1. 575 |
| Mixers, on building ¹ | 1. 500 | 1. 400 | Rodmen..... | 1. 565 | 1. 438 |
| When power is used ¹ | 1. 700 | 1. 600 | Tile layers..... | 1. 750 | 1. 580 |
| Pumps ¹ | 1. 250 | 1. 150 | <i>Helpers and laborers</i> | | |
| Concrete ¹ | 1. 700 | 1. 600 | Bricklayers' tenders..... | 1. 300 | 1. 100 |
| Scrapers ¹ | 1. 700 | 1. 600 | Building laborers..... | 1. 200 | 1. 000 |
| Shovels ¹ | 1. 850 | 1. 750 | Elevator constructors' helpers..... | 1. 180 | 1. 060 |
| Tractors ¹ | 1. 500 | 1. 400 | Marble setters' helpers..... | 1. 275 | 1. 050 |
| Glaziers..... | 1. 550 | 1. 400 | Plasterers' laborers ¹ | 1. 300 | 1. 150 |
| Lathers..... | 1. 750 | 1. 580 | Plumbers' laborers ¹ | 1. 250 | 1. 150 |
| Machinists..... | 1. 500 | 1. 500 | Secondmen..... | 1. 150 | 1. 050 |
| Marble setters..... | 1. 725 | 1. 500 | Sprinkler fitters' helpers ¹ | . 950 | . 950 |
| Mosaic and terrazzo workers..... | 1. 675 | 1. 500 | Terrazzo workers' helpers..... | 1. 300 | 1. 100 |
| | | | Base-machine operators..... | 1. 450 | 1. 200 |
| | | | Tile layers' helpers..... | 1. 300 | 1. 100 |

MINNEAPOLIS, MINN.

| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
|--|----------|----------|---|----------|----------|
| Asbestos workers..... | \$1. 650 | \$1. 580 | Glaziers ¹ | \$1. 400 | \$1. 250 |
| Boilermakers..... | 1. 750 | 1. 700 | Lathers..... | 1. 850 | 1. 625 |
| Bricklayers..... | 1. 825 | 1. 625 | Marble setters..... | 1. 700 | 1. 525 |
| Carpenters..... | 1. 650 | 1. 440 | Mosaic and terrazzo workers..... | 1. 700 | 1. 440 |
| Cement finishers..... | 1. 825 | 1. 440 | Painters ¹ | 1. 625 | 1. 440 |
| Composition floor..... | 2. 075 | 1. 690 | Swing..... | 1. 705 | 1. 580 |
| Electricians (inside wiremen)..... | 1. 850 | 1. 650 | Paperhangers ¹ | 1. 625 | 1. 440 |
| Elevator constructors ¹ | 1. 660 | 1. 600 | Plasterers ¹ | 1. 850 | 1. 625 |
| Engineers—power equipment operators: | | | Plumbers..... | 1. 750 | 1. 550 |
| Air compressors..... | 1. 400 | 1. 200 | Roofers: | | |
| Bulldozers..... | 1. 700 | 1. 500 | Composition..... | 1. 580 | 1. 380 |
| Cranes, derricks, and draglines..... | 1. 850 | 1. 625 | Foremen..... | 1. 680 | 1. 480 |
| Graders..... | 1. 550 | 1. 250 | Slate and tile..... | 1. 580 | 1. 380 |
| Blade..... | 1. 500 | 1. 250 | Sheet-metal workers..... | 1. 600 | 1. 500 |
| Elevating..... | 1. 550 | 1. 300 | Steam fitters..... | 1. 750 | 1. 550 |
| Hoists, 1 drum..... | 1. 700 | 1. 500 | Sprinkler fitters ¹ | 1. 580 | 1. 580 |
| LeTourneau..... | 1. 700 | 1. 500 | Structural-iron workers..... | 1. 750 | 1. 625 |
| Mixers, concrete..... | 1. 750 | 1. 500 | Rodmen..... | 1. 625 | 1. 500 |
| 148 and under..... | 1. 500 | 1. 200 | Tile layers..... | 1. 700 | 1. 550 |
| Over 148..... | 1. 700 | 1. 400 | <i>Helpers and laborers</i> | | |
| Pumps..... | 1. 400 | 1. 200 | Bricklayers' tenders..... | 1. 150 | . 950 |
| Rollers: | | | Building laborers..... | 1. 150 | . 950 |
| Under 8 tons..... | 1. 500 | 1. 250 | Composition roofers' helpers..... | 1. 150 | . 950 |
| 8 tons or over..... | 1. 700 | 1. 500 | Elevator constructors' helpers ¹ | 1. 165 | 1. 120 |
| Shovels..... | 1. 850 | 1. 625 | Marble setters' helpers..... | 1. 150 | . 950 |
| Tractors: | | | Plasterers' laborers..... | 1. 450 | 1. 200 |
| 50 horsepower or less, without power take-off..... | 1. 200 | 1. 000 | Plumbers' laborers..... | 1. 250 | 1. 050 |
| 50 horsepower or less with power take-off or over 50 horsepower without..... | 1. 500 | 1. 200 | After 3 years..... | 1. 350 | 1. 150 |
| Trenching machines..... | 1. 700 | 1. 500 | Sprinkler fitters' helpers ¹ | . 950 | . 950 |
| | | | Terrazzo workers' helpers..... | 1. 200 | . 975 |
| | | | Base-machine helpers..... | 1. 350 | 1. 100 |
| | | | Tile layers' helpers..... | 1. 150 | . 950 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

MOBILE, ALA.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|---|-----------------|-----------------|---|-----------------|-----------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.625 | \$1.500 | Lathers (metal)..... | \$1.500 | \$1.500 |
| Boilermakers..... | 1.625 | 1.500 | Marble setters..... | 1.875 | 1.625 |
| Bricklayers ¹ | 1.875 | 1.625 | Mosaic and terrazzo workers..... | 1.875 | 1.625 |
| Carpenters ¹ | 1.500 | 1.375 | Painters ¹ | 1.375 | 1.250 |
| Pile drivers and dock build- ers ¹ | 1.500 | 1.500 | Swing, stage and structural..... | 1.625 | 1.500 |
| Cement finishers..... | 1.625 | 1.375 | Spray..... | 2.000 | 2.000 |
| Electricians (inside wiremen) ¹ | 1.625 | 1.500 | Paperhangers..... | 1.375 | 1.350 |
| Engineers—power equipment operators: | | | Plasterers..... | 1.625 | 1.375 |
| Air compressors ¹ | 1.250 | 1.250 | Plumbers..... | 1.750 | 1.750 |
| Bulldozers ¹ | 1.500 | 1.500 | Roofers: | | |
| Cranes, derricks, and drag- lines ¹ | 1.500 | 1.500 | Composition ¹ | 1.375 | 1.375 |
| Graders ¹ | 1.250 | 1.250 | Foremen ¹ | 1.500 | 1.500 |
| Elevating ¹ | 1.500 | 1.500 | Slate and tile ¹ | 1.375 | 1.375 |
| Hoists ¹ | 1.500 | 1.500 | Sheet-metal workers..... | 1.375 | 1.375 |
| LeTourneau ¹ | 1.500 | 1.500 | Sign painters..... | 1.625 | 1.625 |
| Mixers: | | | Steam fitters..... | 1.750 | 1.750 |
| Central ¹ | 1.500 | 1.500 | Stonemasons..... | 1.875 | 1.625 |
| Others ¹ | 1.250 | 1.250 | Structural-iron workers..... | 1.750 | 1.500 |
| Pumps ¹ | 1.250 | 1.250 | Rodmen..... | 1.500 | 1.250 |
| Rollers: | | | Tile layers..... | 1.875 | 1.625 |
| Street and road ¹ | 1.250 | 1.250 | <i>Helpers and laborers</i> | | |
| Road ¹ | 1.500 | 1.500 | Bricklayers' tenders ¹ | .750 | .750 |
| Scrapers ¹ | 1.500 | 1.500 | Mortar mixers ¹ | .850 | .850 |
| Shovels ¹ | 1.500 | 1.500 | Building laborers ¹ | .650 | .650 |
| Tractors ¹ | 1.250 | 1.250 | Composition roofers' helpers..... | .750 | .750 |
| Trenching machines ¹ | 1.500 | 1.500 | Marble setters' helpers..... | .750 | .750 |
| Glaziers ¹ | 1.250 | 1.250 | Plasterers' laborers ¹ | .750 | .750 |
| | | | Tile layers' helpers..... | .750 | .750 |

NASHVILLE, TENN.

| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
|--|---------|---------|--|---------|---------|
| Asbestos workers..... | \$1.625 | \$1.500 | Engineers—power equipment op- erators—Continued | | |
| Bricklayers ¹ | 1.875 | 1.725 | Tractors 40 horsepower or less..... | \$1.250 | \$1.125 |
| Carpenters ¹ | 1.400 | 1.320 | Caterpillar, etc..... | 1.375 | 1.250 |
| Cement finishers..... | 1.250 | 1.250 | With power take-off..... | 1.500 | 1.375 |
| Electricians (inside wiremen) ¹ | 1.750 | 1.500 | Trenching machines..... | 1.500 | 1.375 |
| Elevator constructors..... | 1.640 | 1.525 | Glaziers..... | 1.250 | 1.125 |
| Engineers—power equipment operators: | | | Lathers..... | 1.725 | 1.500 |
| Air compressors: | | | Marble setters ¹ | 1.625 | 1.625 |
| One portable..... | 1.250 | 1.125 | Mosaic and terrazzo workers ¹ | 1.500 | 1.500 |
| Two in tandem station- ary..... | 1.375 | 1.250 | Painters..... | 1.450 | 1.250 |
| Bulldozers..... | 1.500 | 1.375 | Spray..... | 1.700 | 1.500 |
| Cranes, derricks, and drag- lines..... | 1.750 | 1.500 | Paperhangers..... | 1.450 | 1.250 |
| Graders, road..... | 1.375 | 1.250 | Plasterers ¹ | 1.750 | 1.500 |
| Hoists: | | | Plumbers..... | 1.750 | 1.580 |
| 1 drum..... | 1.375 | 1.250 | Roofers: | | |
| 2 drums..... | 1.625 | 1.500 | Composition..... | 1.250 | 1.000 |
| LeTourneau..... | 1.625 | 1.500 | Slate and tile..... | 1.250 | 1.125 |
| Mixers: | | | Sheet-metal workers..... | 1.375 | 1.250 |
| Without side loader 108 or smaller..... | 1.250 | 1.125 | Sign painters..... | 1.500 | 1.250 |
| With side loader 148 and larger..... | 1.500 | 1.375 | Steam fitters..... | 1.750 | 1.580 |
| Pumps..... | 1.000 | 1.000 | Stonemasons..... | 1.875 | 1.725 |
| Rollers: | | | Structural-iron workers..... | 1.625 | 1.625 |
| Top rollers..... | 1.375 | 1.250 | Rodmen..... | 1.500 | 1.500 |
| Subgrade..... | 1.500 | 1.375 | Tile layers ¹ | 1.500 | 1.500 |
| Scrapers..... | 1.375 | 1.250 | <i>Helpers and laborers</i> | | |
| Shovels..... | 1.750 | 1.500 | Bricklayers' tenders..... | .875 | .700 |
| | | | Mortar mixers..... | .875 | .775 |
| | | | Building laborers..... | .750 | .600 |
| | | | Elevator constructors' helpers..... | 1.150 | 1.068 |
| | | | Plasterers' laborers..... | .875 | .700 |
| | | | Plumbers' laborers..... | .750 | .600 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

NEWARK, N. J.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|---------------------------------------|--------------------|--------------------|---|--------------------|--------------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$2.000 | \$1.875 | Painters ¹ | \$1.825 | \$1.714 |
| Home insulators..... | 1.250 | 1.000 | Structural steel..... | ² 2.000 | 2.000 |
| Boilermakers..... | 2.250 | 2.000 | Paperhangers..... | ² 1.714 | 1.714 |
| Bricklayers ¹ | 2.250 | 2.000 | Plasterers ¹ | 2.250 | 2.000 |
| Carpenters..... | 2.300 | 2.000 | Plumbers..... | 2.000 | 1.750 |
| Wharf and bridge..... | 2.100 | 1.850 | Roofers: | | |
| Cement finishers..... | 2.250 | 2.000 | Composition..... | ² 1.976 | 1.850 |
| Electricians (inside wiremen)..... | 2.250 | 2.000 | Foremen..... | ² 2.127 | 2.000 |
| Elevator constructors..... | 2.250 | 2.000 | Slate and tile..... | 2.100 | 1.850 |
| Engineers—power equipment operators: | | | Sheet-metal workers..... | 2.250 | 1.900 |
| Air compressors..... | 2.375 | 2.150 | Sign painters..... | ² 2.000 | 1.710 |
| Bulldozers..... | 1.750 | 1.525 | Inside..... | ² 1.714 | 1.500 |
| Cranes, derricks, and drag-lines..... | 2.375 | 2.150 | Steam fitters..... | 2.000 | 1.875 |
| Steel erection..... | 2.500 | 2.400 | Sprinkler fitters..... | 1.750 | 1.580 |
| Graders..... | 2.150 | 2.150 | Stonemasons..... | 2.250 | 2.000 |
| Hoists..... | 2.150 | 2.150 | Structural-iron workers..... | 2.250 | 2.000 |
| Steel erection..... | 2.500 | 2.400 | Rodmen..... | 2.250 | 2.000 |
| Mixers..... | 2.150 | | Tile layers..... | 1.938 | 1.750 |
| LeTourneau..... | 2.150 | | | | |
| Pumps..... | 2.150 | 2.150 | <i>Helpers and laborers</i> | | |
| Rollers..... | 2.150 | 2.150 | Bricklayers' tenders ¹ | ² 1.400 | 1.250 |
| Scrapers..... | 2.150 | 2.150 | Building laborers ¹ | ² 1.400 | 1.250 |
| Shovels..... | 2.375 | 2.150 | Composition roofers' helpers..... | ² 1.142 | |
| Tractors..... | 2.150 | 2.150 | Elevator constructors' helpers..... | ² 1.470 | 1.450 |
| Trenching machines..... | 2.375 | 2.150 | Plasterers' laborers ¹ | ² 1.400 | 1.250 |
| Glaziers..... | 1.875 | 1.625 | Steam fitters' helpers..... | 1.375 | 1.250 |
| Lathers..... | 2.100 | 1.900 | Sprinkler fitters' helpers..... | 1.100 | .950 |
| Machinists..... | 2.000 | 1.650 | Terrazzo workers' helpers..... | ² 1.495 | ² 1.300 |
| Mosaic and terrazzo workers..... | ² 2.000 | ² 1.750 | Tile layers' helpers..... | 1.438 | 1.313 |

NEW HAVEN, CONN.

| | | | | | |
|---------------------------------------|---------|---------|--|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.750 | \$1.563 | Painters ¹ | \$1.650 | \$1.375 |
| Bricklayers ¹ | 1.900 | 1.650 | Paperhangers..... | 1.650 | 1.375 |
| Carpenters ¹ | 1.500 | 1.375 | Plasterers ¹ | 1.900 | 1.650 |
| Cement finishers..... | 1.900 | 1.650 | Plumbers ¹ | 1.625 | 1.500 |
| Electricians (inside wiremen)..... | 1.625 | 1.500 | Roofers: | | |
| Elevator constructors..... | 1.755 | 1.650 | Composition..... | 1.625 | 1.500 |
| Engineers—power equipment operators: | | | Foremen..... | 1.875 | 1.750 |
| Air compressors..... | 1.825 | 1.500 | Slate and tile..... | 1.950 | 1.875 |
| Bulldozers..... | 1.500 | 1.375 | Sheet-metal workers..... | 1.750 | 1.500 |
| Cranes, derricks, and drag-lines..... | 1.825 | 1.700 | Sign painters..... | 1.650 | 1.375 |
| Graders..... | 1.825 | 1.500 | Steam fitters ¹ | 1.625 | 1.500 |
| Hoists: | | | Stonemasons..... | 1.900 | 1.650 |
| 1 drum..... | 1.825 | 1.500 | Structural-iron workers..... | 2.000 | 1.800 |
| 2 drums or steel erection..... | 1.825 | 1.700 | Rodmen..... | 2.000 | 1.800 |
| LeTourneau..... | 1.500 | 1.375 | Tile layers..... | 1.900 | 1.650 |
| Mixers..... | 1.825 | 1.500 | | | |
| Pumps..... | 1.825 | 1.500 | <i>Helpers and laborers</i> | | |
| Rollers..... | 1.825 | 1.500 | Bricklayers' tenders ¹ | 1.125 | .950 |
| Scrapers..... | 1.500 | 1.375 | Building laborers ¹ | 1.125 | .950 |
| Shovels..... | 1.825 | 1.700 | Elevator constructors' helpers..... | 1.220 | 1.150 |
| Tractors..... | 1.500 | 1.375 | Marble setters' helpers ¹ | 1.125 | 1.063 |
| Marble setters..... | 1.900 | 1.650 | Plasterers' laborers ¹ | 1.125 | .950 |
| Mosaic and terrazzo workers..... | 1.900 | 1.650 | Terrazzo workers' helpers ¹ | 1.125 | 1.063 |
| | | | Tile layers' helpers ¹ | 1.125 | 1.063 |

¹ For changes since July 1, 1946, see appendix.² Hours per week, 35.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

NEW ORLEANS, LA.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|---|----------------|--------------|--|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.750 | \$1.625 | Glaziers ¹ | \$1.313 | \$1.313 |
| Home insulators..... | 1.300 | 1.150 | Lathers..... | 1.775 | 1.625 |
| Boilermakers..... | 1.750 | 1.500 | Machinists..... | 1.750 | 1.500 |
| Bricklayers ¹ | 1.750 | 1.625 | Marble setters ¹ | 1.750 | 1.625 |
| Carpenters..... | 1.500 | 1.375 | Mosaic and terrazzo workers..... | 1.625 | 1.500 |
| Cement finishers..... | 1.500 | 1.375 | Painters..... | 1.250 | 1.150 |
| Electricians (inside wiremen)..... | 1.750 | 1.625 | Structural steel and spray..... | 1.500 | 1.400 |
| Elevator constructors..... | 1.590 | 1.520 | Paperhangers..... | 1.250 | 1.150 |
| Engineers—power equipment operators: | | | Plasterers..... | 1.625 | 1.500 |
| Air compressors..... | 1.425 | 1.300 | Plumbers ¹ | 1.750 | 1.580 |
| Cranes, derricks, and draglines..... | 1.675 | 1.550 | Roofers: | | |
| Graders, blade..... | 1.425 | 1.300 | Composition..... | 1.300 | 1.150 |
| Hoists: | | | Foremen..... | 1.450 | 1.300 |
| 1 drum..... | 1.425 | 1.300 | Slate and tile..... | 1.300 | 1.150 |
| 2 drums..... | 1.675 | 1.550 | Sheet-metal workers ¹ | 1.450 | 1.300 |
| Mixers: | | | Sign painters..... | 1.750 | 1.500 |
| Paving..... | 1.675 | 1.550 | Steam and sprinkler fitters..... | 1.750 | 1.580 |
| Small..... | 1.425 | 1.300 | Stonemasons ¹ | 1.750 | 1.625 |
| Pumps (3-inch suction or more)..... | 1.425 | 1.300 | Structural-iron workers..... | 1.750 | 1.625 |
| Rollers: | | | Rodmen..... | 1.500 | 1.375 |
| Brick, asphalt or subgrade..... | 1.675 | 1.555 | Tile layers..... | 1.625 | 1.500 |
| Except on brick, asphalt or subgrade..... | 1.425 | 1.300 | | | |
| Shovels..... | 1.675 | 1.550 | <i>Helpers and laborers</i> | | |
| Tractors, snatch cats..... | 1.425 | 1.300 | Bricklayers' tenders..... | .950 | .850 |
| Trenching machines..... | 1.675 | 1.550 | Mortar mixers..... | 1.050 | .950 |
| | | | Building laborers..... | .800 | .700 |
| | | | Composition roofers' helpers..... | .800 | .750 |
| | | | Elevator constructors' helpers..... | 1.110 | 1.060 |
| | | | Plasterers' laborers..... | .950 | .850 |
| | | | Plumbers' laborers..... | .800 | .800 |

NEW YORK, N. Y.

| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
|--|---------|---------|---|---------|---------|
| Asbestos workers..... | \$2.250 | \$2.000 | Glaziers..... | \$2.136 | \$1.886 |
| Boilermakers..... | 2.250 | 2.000 | Granite cutters (outside)..... | 2.286 | 2.000 |
| Bricklayers ¹ | 2.250 | 2.000 | Inside..... | 2.000 | 1.643 |
| Carpenters ¹ | 2.100 | 1.850 | Surface machine and sand blasters..... | 2.071 | 1.714 |
| Wharf and bridge..... | 2.100 | 1.850 | Lathers: | | |
| Cement finishers..... | 2.100 | 1.850 | Brooklyn ¹ | 2.167 | 2.167 |
| Electricians (inside wiremen) ¹ | 2.000 | 2.000 | Bronx, Manhattan, and Richmond ¹ | 2.167 | 2.167 |
| Alterations and repairs..... | 1.350 | 1.350 | Queens, Nassau, and Suffolk..... | 2.570 | 2.167 |
| Elevator constructors..... | 2.250 | 2.000 | Metal and wire..... | 2.100 | 1.850 |
| Engineers—power equipment operators: | | | Machinists..... | 2.000 | 1.750 |
| Air compressors..... | 2.250 | 1.925 | Marble setters..... | 2.100 | 1.888 |
| Portable..... | 1.875 | 1.750 | Mosaic and terrazzo workers..... | 2.000 | 1.750 |
| Cranes and derricks..... | 2.250 | 2.000 | Painters: | | |
| Draglines, steel derricks, and cranes..... | 2.500 | 2.250 | Agreement A ¹ | 1.840 | 1.800 |
| Graders..... | 2.500 | 2.250 | Decorators and grainers..... | 1.886 | 1.886 |
| Hod..... | 2.250 | 2.000 | Agreement B ¹ | 1.840 | 1.714 |
| Hoists: | | | Swing and stage..... | 2.100 | 1.959 |
| 1 drum..... | 2.250 | 1.925 | Steel..... | 2.050 | 1.900 |
| 2 drums..... | 2.250 | 1.925 | Plasterers ¹ | 2.250 | 2.000 |
| Mixers..... | 2.250 | 1.925 | Plumbers..... | 2.000 | 2.000 |
| Small with loader attachments..... | 1.875 | 1.750 | Brooklyn and Queens..... | 2.250 | 2.000 |
| Pumps..... | 1.875 | 1.750 | Staten Island..... | 2.285 | 2.000 |
| Concrete..... | 2.250 | 1.925 | Residential and alteration..... | 2.000 | 1.750 |
| Rollers..... | 2.075 | 1.813 | Roofers: | | |
| Scrapers..... | 2.250 | 1.925 | Composition..... | 1.850 | 1.700 |
| Shovels..... | 2.500 | 2.250 | Foremen..... | 1.990 | 1.840 |
| Trenching machines..... | 2.500 | 2.250 | | | |

¹ For changes since July 1, 1946, see appendix.² Hours per week, 35.³ Hours per week, 30.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

NEW YORK, N. Y.—Continued

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|----------------------------------|--------------------|--------------------|---|----------------------|----------------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman—Continued</i> | | | <i>Helpers and laborers</i> | | |
| Roofers—Continued | | | Bricklayers' tenders..... | ² \$1.500 | ² \$1.214 |
| Slate and tile..... | \$2.250 | \$2.000 | Building laborers..... | 1.250 | 1.100 |
| Brooklyn..... | 2.400 | 2.250 | Concrete workers..... | ² 1.400 | ² 1.214 |
| Sheet-metal workers..... | ² 2.250 | ² 2.000 | Elevator constructors' helpers..... | 1.670 | 1.450 |
| Sign painters..... | ² 2.089 | ² 1.990 | Marble setters' helpers..... | 1.700 | 1.468 |
| Outdoor advertising..... | ² 2.790 | ² 2.657 | Mosaic and terrazzo helpers..... | ² 1.495 | ² 1.300 |
| Steam and sprinkler fitters..... | ² 2.250 | ² 2.000 | Plasterers' laborers ¹ | ² 1.630 | ² 1.420 |
| Stonecutters..... | ² 2.179 | ² 1.929 | Brooklyn..... | ² 1.675 | ² 1.517 |
| Bluestone..... | ² 2.143 | ² 1.904 | Plumbers' laborers..... | ² 1.167 | ² 1.167 |
| Stonemasons..... | ² 2.250 | ² 2.000 | Residential..... | ² 1.167 | 1.000 |
| Structural-iron workers..... | 2.250 | 2.000 | Long Island..... | 1.500 | 1.179 |
| Finishers (ornamental)..... | ² 2.100 | ² 1.900 | Steam and sprinkler fitters' helpers..... | ² 1.725 | 1.500 |
| Rodmen..... | 2.100 | 1.850 | Temporary heat..... | 1.222 | 1.063 |
| Tile layers..... | 1.938 | 1.750 | Tile layers helpers..... | 1.438 | 1.313 |

NORFOLK, VA.

| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
|--|---------|---------|--|---------|---------|
| Asbestos workers..... | \$1.625 | \$1.438 | Glaziers..... | \$1.375 | \$1.000 |
| Bricklayers ¹ | 1.750 | 1.675 | Lathers ¹ | 1.625 | 1.500 |
| Carpenters ¹ | 1.300 | 1.150 | Marble setters..... | 1.625 | 1.500 |
| Millwrights..... | 1.500 | 1.500 | Mosaic and terrazzo workers..... | 1.625 | 1.500 |
| Pile drivers and dock builders..... | 1.150 | 1.150 | Painters..... | 1.375 | 1.250 |
| Cement finishers..... | 1.250 | 1.250 | Spray..... | 1.500 | 1.500 |
| Electricians (inside wiremen) ¹ | 1.625 | 1.500 | Scaffold, and structural steel..... | 1.625 | 1.500 |
| Elevator constructors..... | 1.625 | 1.480 | Paperhangers..... | 1.375 | 1.250 |
| Engineers—power equipment operators: | | | Plasterers ¹ | 1.625 | 1.500 |
| Air compressors..... | 1.375 | 1.375 | Plumbers ¹ | 1.625 | 1.500 |
| Buildozer..... | 1.500 | 1.375 | Roofers: | | |
| Cranes, derricks, and draglines..... | 1.625 | 1.625 | Composition..... | 1.000 | 1.000 |
| Graders..... | 1.375 | 1.375 | Slate and tile..... | 1.000 | 1.000 |
| Hoists: | | | Sheet-metal workers..... | 1.400 | 1.250 |
| 1 drum..... | 1.375 | 1.375 | Sign painters..... | 1.375 | 1.250 |
| 2 drums..... | 1.625 | 1.625 | Steam fitters ¹ | 1.625 | 1.500 |
| LeTourneau..... | 1.625 | 1.375 | Stonemasons ¹ | 1.750 | 1.675 |
| Mixers..... | 1.375 | 1.375 | Structural-iron workers ¹ | 1.750 | 1.500 |
| Pumps..... | 1.375 | 1.375 | Rodmen..... | 1.500 | 1.250 |
| Rollers..... | 1.375 | 1.375 | Tile layers..... | 1.625 | 1.500 |
| Shovels..... | 1.625 | 1.625 | | | |
| Tractors..... | 1.375 | 1.375 | <i>Helpers and laborers</i> | | |
| Trenching machines..... | 1.625 | 1.625 | Composition roofers' helpers..... | .700 | .700 |
| | | | Elevator constructors' helpers..... | 1.140 | 1.040 |

OKLAHOMA CITY, OKLA.

| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
|--|---------|---------|--------------------------------------|---------|---------|
| Asbestos workers..... | \$1.750 | \$1.625 | Plumbers ¹ | \$1.750 | \$1.500 |
| Bricklayers..... | 1.938 | 1.675 | Roofers: | | |
| Carpenters ¹ | 1.528 | 1.438 | Composition..... | 1.250 | 1.125 |
| Millwrights..... | 1.665 | 1.580 | Slate and tile..... | 1.250 | 1.125 |
| Parquet floor layers..... | 1.525 | 1.438 | Sheet-metal workers..... | 1.500 | 1.375 |
| Pile drivers..... | 1.665 | 1.580 | Sign painters..... | 1.500 | 1.250 |
| Cement finishers..... | 1.725 | 1.500 | Steam fitters..... | 1.750 | 1.500 |
| Electricians (inside wiremen) ¹ | 1.750 | 1.500 | Stonemasons..... | 1.938 | 1.675 |
| Elevator constructors..... | 1.640 | 1.450 | Structural-iron workers..... | 1.500 | 1.438 |
| Glaziers..... | 1.250 | 1.125 | Rodmen..... | 1.500 | 1.438 |
| Lathers..... | 1.725 | 1.500 | | | |
| Painters..... | 1.500 | 1.300 | <i>Helpers and laborers</i> | | |
| Structural steel..... | 1.700 | 1.550 | Bricklayers' tenders..... | 1.000 | 4.850 |
| Spray..... | 1.375 | 1.550 | Building laborers ¹ | .850 | .650 |
| Swing stage..... | 1.750 | 1.800 | Elevator constructors' helpers..... | 1.150 | 1.015 |
| Paperhangers..... | 1.500 | 1.300 | Plasterers' laborers..... | 1.000 | 4.850 |
| Plasterers ¹ | 1.875 | 1.725 | Plumbers' laborers..... | 1.000 | .850 |

¹ For changes since July 1, 1946, see appendix.² Hours per week, 35.³ Hours per week, 30.⁴ Hours per week, 45.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

OMAHA, NEBR.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.650 | \$1.553 | Paperhangers..... | \$1.375 | \$1.250 |
| Bricklayers..... | 1.825 | 1.575 | Plasterers..... | 1.750 | 1.575 |
| Carpenters..... | 1.625 | 1.375 | Plumbers..... | 1.750 | 1.580 |
| Cement finishers..... | 1.625 | 1.450 | Roofers: | | |
| Electricians (inside wiremen) ¹ | 1.750 | 1.500 | Composition..... | 1.375 | 1.100 |
| Elevator constructors..... | 1.590 | 1.515 | Foremen..... | 1.475 | 1.250 |
| Engineers—power equipment operators: | | | Slate and tile..... | 1.475 | 1.250 |
| Air compressors..... | 1.375 | 1.250 | Sheet-metal workers..... | 1.500 | 1.300 |
| Bulldozers..... | 1.375 | 1.250 | Sign painters..... | 1.375 | 1.300 |
| Cranes, derricks, and drag-lines..... | 1.750 | 1.500 | Steam fitters..... | 1.750 | 1.580 |
| Hoists: | | | Stonemasons..... | 1.825 | 1.575 |
| 1 drum..... | 1.375 | 1.250 | Structural-iron workers..... | 1.750 | 1.500 |
| 2 drums..... | 1.750 | 1.500 | Rodmen..... | 1.750 | 1.500 |
| Mixers..... | 1.375 | 1.250 | Tile layers..... | 1.600 | 1.375 |
| Pumps..... | 1.375 | 1.250 | | | |
| Rollers..... | 1.375 | 1.250 | <i>Helpers and laborers</i> | | |
| Shovels..... | 1.750 | 1.500 | Bricklayers' tenders ¹ | .850 | .850 |
| Tractors..... | 1.375 | 1.250 | Hod carriers ¹ | .900 | .900 |
| Trenching machines..... | 1.500 | 1.375 | Building laborers ¹ | .700 | .700 |
| Glaziers..... | 1.400 | 1.260 | Elevator constructors' helpers..... | 1.110 | 1.060 |
| Lathers..... | 1.700 | 1.500 | Marble setters' helpers..... | 1.000 | .850 |
| Machinists..... | 1.625 | 1.350 | Plasterers' laborers ¹ | .850 | .850 |
| Marble setters..... | 1.600 | 1.375 | Terrazzo workers' helpers..... | 1.000 | .850 |
| Mosaic and terrazzo workers..... | 1.600 | 1.375 | Base-machine operators..... | 1.100 | .950 |
| Painters..... | 1.375 | 1.250 | Tile layers' helpers..... | 1.000 | .850 |
| Swing stage..... | 1.500 | 1.375 | Sewer..... | .900 | .900 |
| Spray or structural steel..... | 1.625 | 1.500 | | | |

PEORIA, ILL.

| | | | | | |
|--|---------|---------|---|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.950 | \$1.850 | Engineers—power equipment operators—Continued | | |
| Boilermakers..... | 1.850 | 1.700 | Tractors, straight cats ¹ | \$1.433 | \$1.250 |
| Repair work..... | 1.650 | 1.500 | Trenching machines ¹ | 1.725 | 1.650 |
| Bricklayers..... | 1.925 | 1.750 | Glaziers..... | 1.625 | 1.450 |
| Sewer..... | 2.175 | 2.000 | Lathers..... | 1.750 | 1.500 |
| Carpenters..... | 1.750 | 1.500 | Machinists..... | 1.750 | 1.750 |
| Cement finishers..... | 1.750 | 1.500 | Marble setters..... | 1.825 | 1.625 |
| Electricians (inside wiremen) ¹ | 1.750 | 1.625 | Painters..... | 1.575 | 1.450 |
| Elevator constructors..... | 1.700 | 1.700 | Swing stage..... | 1.815 | 1.815 |
| Engineers—power equipment operators: | | | Spray..... | 1.815 | 1.750 |
| Air compressors ¹ | 1.375 | 1.250 | Paperhangers..... | 1.575 | 1.450 |
| Riveting steel tunnel and caisson ¹ | 1.581 | 1.375 | Plasterers..... | 2.000 | 1.750 |
| Bulldozers ¹ | 1.725 | 1.650 | Plumbers..... | 1.875 | 1.625 |
| Cranes, derricks, and drag-lines..... | 1.725 | 1.650 | Roofers: | | |
| On steel ¹ | 1.825 | 1.750 | Composition..... | 1.625 | 1.425 |
| Graders: | | | Foremen..... | 1.750 | 1.550 |
| Form ¹ | 1.433 | 1.250 | Slate and tile..... | 1.625 | 1.425 |
| Elevating ¹ | 1.725 | 1.650 | Sheet-metal workers..... | 1.750 | 1.500 |
| Hoists, 2 or more drums ¹ | 1.725 | 1.650 | Sign painters..... | 1.750 | 1.485 |
| LeTourneau ¹ | 1.825 | 1.750 | Steam fitters..... | 1.875 | 1.625 |
| Mixers: | | | Stonemasons..... | 1.925 | 1.750 |
| Under 3 bags ¹ | 1.250 | 1.250 | Structural-iron workers..... | 1.875 | 1.750 |
| 3-bag to 21E capacity ¹ | 1.581 | 1.375 | Rodmen..... | 1.875 | 1.750 |
| Paving, 21E and larger ¹ | 1.725 | 1.650 | Tile layers..... | 1.825 | 1.625 |
| Pumps: | | | | | |
| Water ¹ | 1.375 | 1.375 | <i>Helpers and laborers</i> | | |
| Concrete ¹ | 1.725 | 1.650 | Bricklayers' tenders..... | 1.125 | 1.000 |
| Rollers: | | | Building laborers..... | 1.125 | 1.000 |
| On asphalt or brick ¹ | 1.725 | 1.650 | Composition roofers' helpers..... | 1.250 | ----- |
| On earth, 5 tons or less ¹ | 1.250 | 1.250 | Elevator constructors' helpers..... | 1.190 | 1.190 |
| Scraper ¹ | 1.725 | 1.650 | Marble setters' helpers..... | 1.125 | 1.000 |
| Shovels ¹ | 1.725 | 1.650 | Plasterers' laborers..... | 1.250 | 1.125 |
| | | | Terrazzo workers' helpers..... | 1.125 | 1.000 |
| | | | Tile layers' helpers..... | 1.125 | 1.000 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

PHILADELPHIA, PA.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|--|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1. 875 | \$1. 725 | Granite cutters, inside..... | \$1. 625 | \$1. 250 |
| Home Insulators..... | 1. 000 | 1. 000 | Outside..... | 1. 875 | 1. 500 |
| Boilermakers..... | 1. 750 | 1. 750 | Lathers..... | 2. 000 | 1. 875 |
| Bricklayers..... | 2. 250 | 2. 000 | Residential..... | 1. 875 | 1. 560 |
| Residential..... | 2. 000 | 1. 620 | Machinists ¹ | 1. 650 | 1. 650 |
| Carpenters..... | 1. 775 | 1. 580 | Marble setters ¹ | 1. 750 | 1. 750 |
| Cement finishers..... | 1. 750 | 1. 580 | Mosaic and terrazzo workers..... | 1. 875 | 1. 650 |
| Electricians (inside wiremen) ¹ | 2. 000 | 1. 875 | Painters..... | 1. 750 | 1. 500 |
| Residential..... | 2. 000 | 1. 500 | Steel..... | 1. 875 | 1. 625 |
| Elevator constructors..... | 1. 910 | 1. 910 | Swing stage or spray..... | 1. 875 | 1. 625 |
| Engineers—power equipment operators: | | | Paperhangers..... | 1. 625 | 1. 375 |
| Air compressors: | | | Plasterers ¹ | 2. 000 | 2. 000 |
| Daily unit..... | 2. 250 | 1. 950 | Residential..... | 2. 000 | 1. 840 |
| Weekly unit..... | 2. 000 | 1. 700 | Plumbers..... | 2. 000 | 1. 750 |
| Bulldozers: | | | Residential..... | 2. 000 | 1. 670 |
| Daily unit..... | 2. 000 | 1. 550 | Roofers: | | |
| Weekly unit..... | 1. 750 | 1. 450 | Composition..... | 1. 575 | 1. 500 |
| Cranes, derricks, and draglines: | | | Foremen..... | 1. 725 | 1. 650 |
| Daily unit..... | 2. 375 | 1. 950 | Slate and tile..... | 1. 875 | 1. 700 |
| Weekly unit..... | 2. 250 | 1. 850 | Sheet-metal workers..... | 2. 000 | 1. 725 |
| Graders, elevating: | | | Sign painters..... | 1. 780 | 1. 513 |
| Daily unit..... | 2. 250 | 1. 850 | Outside advertising..... | 1. 900 | 1. 650 |
| Weekly unit..... | 2. 000 | 1. 750 | Steam fitters..... | 2. 000 | 1. 750 |
| Hoists: | | | Residential..... | 1. 875 | 1. 550 |
| Daily unit..... | 2. 375 | 1. 950 | Stonemasons..... | 1. 875 | 1. 500 |
| Weekly unit..... | 2. 125 | 1. 750 | Residential..... | 1. 875 | 1. 500 |
| Pumps: | | | Structural-iron workers..... | 2. 150 | 1. 900 |
| Daily unit..... | 2. 250 | 1. 850 | Rodmen ¹ | 1. 775 | 1. 610 |
| Weekly unit..... | 2. 000 | 1. 750 | Tile layers..... | 1. 875 | 1. 625 |
| Rollers: | | | Residential..... | 1. 875 | 1. 500 |
| Daily unit..... | 2. 250 | 1. 625 | | | |
| Weekly unit..... | 2. 000 | 1. 500 | <i>Helpers and laborers</i> | | |
| Shovels: | | | Bricklayers' tenders..... | 1. 025 | . 900 |
| Daily unit..... | 2. 500 | 2. 125 | Residential..... | 1. 125 | . 925 |
| Weekly unit..... | 2. 250 | 2. 000 | Building laborers..... | 1. 025 | . 900 |
| Tractors with scrapers or carry-alls: | | | Residential..... | 1. 000 | . 780 |
| Daily unit..... | 2. 250 | 1. 850 | Elevator constructors' helpers..... | 1. 340 | 1. 340 |
| Weekly unit..... | 2. 000 | 1. 750 | Marble setters' helpers ¹ | 1. 275 | 1. 150 |
| All other equipment on building and construction work not mentioned: | | | Plasterers' laborers ¹ | 1. 375 | 1. 325 |
| Daily unit..... | 2. 250 | ----- | Residential..... | 1. 500 | 1. 250 |
| Weekly unit..... | 2. 000 | ----- | Terrazzo workers' helpers..... | 1. 400 | 1. 250 |
| Glaziers..... | 1. 750 | 1. 550 | Tile layers' helpers..... | 1. 275 | 1. 035 |
| 30 feet or over above the ground..... | 1. 900 | 1. 700 | Residential..... | 1. 275 | 1. 035 |

¹ For changes since July 1, 1946, see appendix

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

PHOENIX, ARIZ.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|--------------------------------------|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.750 | \$1.500 | Mosaic and terrazzo workers..... | \$2.000 | \$1.650 |
| Boilermakers ¹ | 1.750 | 1.500 | Painters..... | 1.500 | 1.300 |
| Bricklayers..... | 2.000 | 1.650 | Spray..... | 1.675 | 1.675 |
| Carpenters ¹ | 1.625 | 1.350 | Structural steel..... | 1.750 | 1.550 |
| Parquetry floor layers..... | 1.875 | 1.600 | Swing stage..... | 1.625 | 1.425 |
| Millwrights..... | 1.750 | 1.475 | Paperhangers..... | 1.625 | 1.425 |
| Cement finishers..... | 1.625 | 1.440 | Plasterers..... | 2.000 | 1.725 |
| Electricians (inside wiremen) ¹ | 1.625 | 1.500 | Plumbers ¹ | 1.750 | 1.500 |
| Elevator constructors..... | 1.875 | 1.590 | Roofers: | | |
| Engineers—power equipment operators: | | | Composition..... | 1.430 | 1.250 |
| Air compressors..... | 1.300 | ..... | Foremen..... | 1.680 | 1.500 |
| Bulldozers..... | 1.550 | 1.500 | Slate and tile..... | 1.430 | 1.250 |
| Graders, elevating..... | 1.675 | ..... | Sheet-metal workers..... | 1.500 | 1.440 |
| Tow blade..... | 1.425 | ..... | Sign painters..... | 2.000 | 1.500 |
| Hoists, elevating..... | 1.500 | ..... | Steam fitters..... | 1.750 | 1.500 |
| LeTourneau..... | 1.675 | 1.625 | Stonemasons..... | 2.000 | 1.650 |
| Mixers..... | 1.650 | ..... | Structural-iron workers..... | 1.750 | 1.500 |
| Pumps..... | 1.300 | ..... | Rodmen..... | 1.625 | 1.375 |
| Concrete..... | 1.425 | ..... | Tile layers..... | 2.000 | 1.650 |
| Rollers..... | 1.500 | 1.375 | | | |
| Trenching machines..... | 1.625 | ..... | <i>Helpers and laborers</i> | | |
| Universal equipment operators: | | | Bricklayers' tenders..... | 1.375 | 1.000 |
| Glaziers..... | 1.750 | ..... | Building laborers ¹ | 1.000 | .825 |
| Lathers..... | 1.375 | 1.250 | Concrete workers..... | 1.000 | .950 |
| Machinists..... | 1.750 | 1.500 | Elevator constructors' helpers..... | 1.375 | 1.110 |
| Machinists..... | 1.500 | 1.375 | Plasterers' laborers..... | 1.575 | 1.250 |
| Marble setters..... | 2.000 | 1.650 | | | |

PITTSBURGH, PA.

| | | | | | |
|---|---------|---------|---|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.875 | \$1.750 | Paperhangers..... | \$1.850 | \$1.625 |
| Boilermakers..... | 1.750 | 1.750 | Plasterers..... | 2.000 | 1.875 |
| Bricklayers..... | 2.150 | 2.000 | Plumbers and gas fitters ¹ | 1.875 | 1.750 |
| Carpenters..... | 2.000 | 1.750 | Roofers: | | |
| Cement finishers ¹ | 1.875 | 1.750 | Composition..... | 1.800 | 1.625 |
| Electricians (inside wiremen)..... | 2.000 | 1.875 | Foremen..... | 1.925 | 1.750 |
| Elevator constructors..... | 1.850 | 1.850 | Slate and tile..... | 1.835 | 1.650 |
| Engineers—power equipment operators: | | | Slab work..... | 1.875 | 1.750 |
| Air compressors ¹ | 1.750 | 1.750 | Sheet-metal workers..... | 1.875 | 1.700 |
| Bulldozers ¹ | 1.500 | 1.500 | Kitchen equipment..... | 1.875 | 1.550 |
| Cranes, derricks, and drag-lines ¹ | 1.813 | 1.813 | Sign painters: | | |
| Graders: | | | Under 80 feet..... | 1.875 | 1.750 |
| Road ¹ | 1.500 | 1.500 | Over 80 feet..... | 2.125 | 2.000 |
| Elevating ¹ | 1.813 | 1.813 | Steam fitters ¹ | 1.875 | 1.750 |
| Hoists: | | | Sprinkler fitters..... | 1.750 | 1.580 |
| 1 drum ¹ | 1.750 | 1.750 | Stonecutters..... | 1.625 | 1.625 |
| 2 drums ¹ | 1.813 | 1.813 | Carvers..... | 2.000 | 2.000 |
| LeTourneau ¹ | 1.813 | 1.813 | Stonemasons ¹ | 1.750 | 1.750 |
| Mixers ¹ | 1.750 | 1.750 | Structural-iron workers ¹ | 1.750 | 1.750 |
| Pumps ¹ | 1.750 | 1.750 | Rodmen ¹ | 1.750 | 1.750 |
| Rollers ¹ | 1.750 | 1.750 | Tile layers ¹ | 1.725 | 1.565 |
| Shovels ¹ | 1.813 | 1.813 | | | |
| Tractors ¹ | 1.500 | 1.500 | <i>Helpers and laborers</i> | | |
| Trenching machines ¹ | 1.813 | 1.813 | Bricklayers' tenders..... | 1.400 | 1.250 |
| Glaziers..... | 1.685 | 1.610 | Building laborers..... | 1.150 | 1.000 |
| Lathers..... | 2.000 | 1.875 | Elevator constructors' helpers..... | 1.295 | 1.295 |
| Residential..... | 1.688 | 1.688 | Marble setters' helpers..... | 1.000 | 1.000 |
| Machinists..... | 1.750 | 1.500 | Polishers..... | 1.100 | 1.100 |
| Marble setters..... | 1.750 | 1.750 | Plasterers' laborers..... | 1.400 | 1.250 |
| Mosaic and terrazzo workers..... | 1.875 | 1.625 | Plumbers' laborers..... | 1.250 | 1.125 |
| Painters..... | 1.850 | 1.625 | Terrazzo workers' helpers..... | 1.375 | 1.125 |
| Grainers..... | 2.160 | 1.875 | Tile layers' helpers ¹ | 1.125 | 1.035 |

¹ For changes since July 1, 1946, see appendix.² Hours per week, 44.³ Hours per week, 35.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

PORTLAND, MAINE

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|-------------------------------------|----------------|--------------|-------------------------------------|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.725 | \$1.650 | Stonemasons ¹ | \$1.850 | \$1.600 |
| Bricklayers ¹ | 1.850 | 1.600 | Structural-iron workers..... | 1.650 | 1.438 |
| Carpenters..... | 1.375 | 1.160 | Rodmen..... | 1.650 | 1.375 |
| Cement finishers ¹ | 1.850 | 1.600 | Tile layers ¹ | 1.850 | 1.600 |
| Electricians (inside wiremen)..... | 1.450 | 1.350 | | | |
| Elevator constructors..... | 1.450 | 1.450 | <i>Helpers and laborers</i> | | |
| Marble setters..... | 1.850 | 1.600 | Bricklayers' tenders..... | 1.100 | .970 |
| Mosaic and terrazzo workers..... | 1.850 | 1.600 | Building laborers..... | 1.000 | .880 |
| Painters..... | 1.250 | 1.100 | Elevator constructors' helpers..... | 1.020 | 1.020 |
| Paperhangers..... | 1.250 | 1.100 | Plasterers' laborers..... | 1.200 | 1.100 |
| Plasterers ¹ | 1.600 | 1.600 | Steam fitters' helpers..... | 1.050 | 1.000 |
| Plumbers..... | 1.650 | 1.500 | Terrazzo workers' helpers..... | 1.100 | .970 |
| Steam fitters..... | 1.650 | 1.500 | | | |

PORTLAND, OREG.

| | | | | | |
|---|---------|---------|---|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers ¹ | \$1.750 | \$1.515 | Glaziers..... | \$1.575 | \$1.438 |
| Boilermakers ¹ | 1.750 | 1.650 | Lathers..... | 1.800 | 1.625 |
| Bricklayers..... | 1.875 | 1.725 | Marble setters ¹ | 1.750 | 1.580 |
| Carpenters..... | 1.550 | 1.375 | Mosaic and terrazzo workers..... | 1.450 | 1.350 |
| Floor layers..... | 1.675 | 1.500 | Painters..... | 1.550 | 1.375 |
| Wharf and dock..... | 1.650 | 1.500 | Spray..... | 1.700 | 1.550 |
| Shinglers..... | 1.750 | 1.500 | Structural steel and swing stage..... | 1.700 | 1.500 |
| Millwrights..... | 1.750 | 1.375 | Paperhangers..... | 1.500 | 1.375 |
| Cement finishers..... | 1.575 | 1.375 | Plasterers..... | 1.875 | 1.725 |
| Composition, mastic and gunite workers..... | 1.700 | 1.625 | Plumbers and gas fitters..... | 1.875 | 1.725 |
| Electricians (inside wiremen)..... | 1.700 | 1.580 | Roofers: | | |
| Elevator constructors ¹ | 1.665 | 1.665 | Composition..... | 1.600 | 1.438 |
| Engineers—power equipment operators: | | | Foremen..... | 1.725 | 1.563 |
| Air compressors..... | 1.500 | 1.375 | Slate and tile..... | 1.600 | 1.438 |
| Cranes, derricks, and draglines: | | | Sheet-metal workers..... | 1.625 | 1.438 |
| Under 1 cubic yard..... | 1.800 | 1.650 | Sign painters..... | 2.000 | 1.714 |
| 1 to 5 cubic yards..... | 1.900 | 1.750 | Steam fitters..... | 1.875 | 1.725 |
| Over 5 cubic yards..... | 2.150 | 2.000 | Oil fitters..... | 1.640 | 1.250 |
| Graders, elevating..... | 1.650 | 1.500 | Stonemasons..... | 1.875 | 1.725 |
| Holsts: | | | Structural-iron workers..... | 1.750 | 1.650 |
| 1 drum..... | 1.600 | 1.450 | Rodmen..... | 1.550 | 1.375 |
| 2 drums..... | 1.850 | 1.700 | Tile layers..... | 1.750 | 1.500 |
| Steel erection..... | 1.800 | 1.650 | | | |
| Mixers: | | | <i>Helpers and laborers</i> | | |
| 1 to 5 bags..... | 1.500 | 1.375 | Bricklayers' tenders..... | 1.400 | 1.300 |
| 5 bags and over..... | 1.650 | 1.500 | Building laborers..... | 1.150 | .950 |
| Pumps..... | 1.500 | 1.375 | Elevator constructors' helpers ¹ | 1.165 | 1.165 |
| Rollers: | | | Plasterers' laborers..... | 1.400 | 1.300 |
| Grade and surfacing..... | 1.400 | 1.250 | Plumbers' laborers..... | 1.250 | ----- |
| Finishing; high type..... | 1.650 | 1.500 | | | |
| Shovels..... | 1.900 | 1.750 | | | |
| Tractors: | | | | | |
| 50 horsepower and under..... | 1.550 | 1.400 | | | |
| Over 50 horsepower..... | 1.750 | 1.600 | | | |
| Tandem carry-all..... | 2.000 | 1.850 | | | |
| Trenching machines..... | 1.650 | 1.500 | | | |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

PROVIDENCE, R. I.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.650 | \$1.500 | Paperhangers..... | \$1.375 | \$1.250 |
| Boilermakers..... | 1.750 | 1.650 | Plasterers ¹ | 1.800 | 1.650 |
| Bricklayers..... | 1.825 | 1.650 | Plumbers..... | 1.700 | 1.550 |
| Carpenters..... | 1.500 | 1.350 | Roofers: | | |
| Cement finishers..... | 1.550 | 1.325 | Composition..... | 1.300 | 1.300 |
| Electricians (inside wiremen)..... | 1.625 | 1.500 | Slate and tile..... | 1.500 | 1.500 |
| Elevator constructors ¹ | 1.620 | 1.620 | Sheet-metal workers..... | 1.500 | 1.500 |
| Engineers—power equipment operators: | | | Sign painters..... | 1.500 | 1.250 |
| Air compressors..... | 1.675 | 1.500 | Steam fitters..... | 1.700 | 1.550 |
| All digging machines..... | 2.000 | 1.750 | Stonemasons..... | 1.825 | 1.650 |
| Graders, motor..... | 1.375 | 1.250 | Structural-iron workers ¹ | 1.725 | 1.650 |
| Hoists: | | | Rodmen ¹ | 1.725 | 1.650 |
| 1 drum..... | 1.675 | 1.500 | Tile layers ¹ | 1.500 | 1.500 |
| 2 drums..... | 2.000 | 1.750 | | | |
| Pumps..... | 1.675 | 1.500 | <i>Helpers and laborers</i> | | |
| Rollers..... | 1.675 | 1.500 | Bricklayers' tenders..... | 1.000 | .850 |
| Tractors..... | 1.375 | 1.250 | Building laborers..... | 1.000 | .850 |
| Glaziers ¹ | 1.350 | 1.300 | Composition roofers' helpers..... | .900 | .900 |
| Granite cutters..... | 1.500 | 1.275 | Elevator constructors' helpers ¹ | 1.130 | 1.130 |
| Lathers..... | 1.800 | 1.650 | Marble setters' helpers..... | 1.150 | 1.000 |
| Marble setters ¹ | 1.500 | 1.500 | Plasterers' laborers..... | 1.250 | 1.100 |
| Mosaic and terrazzo workers ¹ | 1.500 | 1.500 | Terrazzo workers' helpers..... | 1.150 | 1.000 |
| Painters..... | 1.375 | 1.250 | Tile layers' helpers..... | 1.150 | 1.000 |
| Structural steel..... | 1.625 | 1.500 | | | |

READING, PA.

| | | | | | |
|--|---------|---------|---|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.875 | \$1.725 | Roofers: | | |
| Bricklayers ¹ | 1.750 | 1.583 | Composition..... | \$1.350 | \$1.050 |
| Carpenters..... | 1.500 | 1.375 | Slate and tile..... | 1.450 | 1.200 |
| Millwrights..... | 1.500 | 1.500 | Sheet-metal workers..... | 1.500 | 1.375 |
| Cement finishers..... | 1.500 | 1.500 | Sign painters..... | 1.000 | 1.000 |
| Electricians (inside wiremen): | | | Outside advertising..... | 1.100 | 1.100 |
| Contracts under \$20,000 ¹ | 1.500 | 1.375 | Steam fitters..... | 1.650 | 1.500 |
| Contracts \$20,000 or over ¹ | 1.750 | 1.750 | Stonemasons..... | 1.750 | 1.583 |
| Elevator constructors ¹ | 1.560 | 1.560 | Structural-iron workers..... | 1.875 | 1.750 |
| Engineers—power equipment operators ¹ | | | Rodmen..... | 1.675 | 1.550 |
| Lathers..... | 1.750 | 1.500 | Tile layers ¹ | 1.583 | 1.583 |
| Mosaic and terrazzo workers..... | 1.750 | 1.583 | | | |
| Painters..... | 1.420 | 1.320 | <i>Helpers and laborers</i> | | |
| Spray..... | 1.750 | 1.750 | Bricklayers' tenders..... | 1.250 | 1.100 |
| Steel or swing..... | 1.600 | 1.600 | Building laborers..... | .950 | .800 |
| Paperhangers..... | 1.420 | 1.320 | Elevator constructors' helpers ¹ | 1.092 | 1.092 |
| Plasterers..... | 1.720 | 1.720 | Plasterers' laborers..... | 1.250 | 1.100 |
| Plumbers..... | 1.650 | 1.500 | Plumbers' laborers..... | .950 | .800 |

¹ For changes since July 1, 1946, see appendix.

* See Philadelphia, Pa.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

RICHMOND, VA.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--------------------------------------|----------------|--------------|--|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.625 | \$1.500 | Engineers—power equipment operators—Continued..... | \$1.500 | ----- |
| Bricklayers..... | 1.875 | 1.650 | Tractors, with attachments..... | 1.375 | \$1.250 |
| Carpenters..... | 1.300 | 1.150 | Without attachments..... | 1.625 | 1.500 |
| Millwrights..... | 1.500 | 1.500 | Trenching machines..... | 1.250 | 1.100 |
| Cement finishers..... | 1.250 | 1.250 | Glaziers..... | 1.500 | 1.500 |
| Electricians (inside wiremen)..... | 1.625 | 1.500 | Lathers ¹ | 1.500 | 1.500 |
| Elevator constructors..... | 1.660 | 1.530 | Machinists..... | 1.500 | 1.500 |
| Engineers—power equipment operators: | | | Marble setters ¹ | 1.375 | 1.375 |
| Air compressors..... | 1.375 | 1.250 | Mosaic and terrazzo workers ¹ | 1.250 | 1.100 |
| Bulldozers..... | 1.500 | 1.250 | Painters ¹ | 1.600 | 1.550 |
| Cranes, derricks, and draglines..... | 1.625 | 1.500 | Spray..... | 1.500 | 1.400 |
| Graders, blade and motor..... | 1.500 | 1.250 | Structural steel..... | 1.250 | 1.100 |
| Hoists: | | | Paperhangers..... | 1.625 | 1.500 |
| 1 drum..... | 1.375 | 1.250 | Plasterers ¹ | 1.625 | 1.500 |
| 2 drums..... | 1.625 | 1.500 | Plumbers ¹ | 1.300 | 1.250 |
| Mixers: | | | Roofers, composition..... | 1.400 | 1.250 |
| Larger than 10S..... | 1.375 | 1.250 | Sheet-metal workers ¹ | 1.450 | 1.450 |
| 10S or smaller..... | 1.250 | ----- | Sign painters..... | 1.625 | 1.500 |
| Pumps: | | | Steam fitters ¹ | 1.875 | 1.650 |
| 2-inch discharge..... | 1.200 | ----- | Stonemasons..... | 1.725 | 1.500 |
| Over 2-inch discharge..... | 1.375 | 1.250 | Structural-iron workers ¹ | 1.450 | 1.250 |
| Rollers: | | | Rodmen ¹ | 1.375 | 1.375 |
| Earth..... | 1.375 | 1.250 | Tile layers ¹ | ----- | ----- |
| Asphalt..... | 1.500 | ----- | | | |
| Shovels..... | 1.625 | 1.500 | <i>Helpers and laborers</i> | | |
| | | | Elevator constructors' helpers..... | 1.160 | 1.070 |

ROCHESTER, N. Y.

| | | | | | |
|--|---------|---------|--|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.800 | \$1.650 | Machinists..... | \$1.750 | \$1.500 |
| Boilermakers..... | 1.750 | 1.750 | Marble setters ¹ | 1.750 | 1.580 |
| Bricklayers..... | 1.960 | 1.725 | Mosaic and terrazzo workers ¹ | 1.750 | 1.580 |
| Carpenters ¹ | 1.710 | 1.535 | Painters..... | 1.625 | 1.450 |
| Cement finishers..... | 1.960 | 1.725 | Structural iron and bridge..... | 1.625 | 1.500 |
| Electricians (inside wiremen) ¹ | 1.875 | 1.700 | Spray..... | 1.875 | 1.700 |
| Elevator constructors..... | 1.825 | 1.710 | Paperhangers..... | 1.625 | 1.450 |
| Engineers—power equipment operators: | | | Plasterers ¹ | 1.960 | 1.725 |
| Air compressors: | | | Plumbers and gas fitters ¹ | 1.750 | 1.650 |
| Under 160 cubic feet..... | 1.250 | 1.000 | Roofers: | | |
| 160 cubic feet and over..... | 1.750 | 1.500 | Composition..... | 1.575 | 1.380 |
| Bulldozers..... | 1.625 | 1.250 | Slate and tile..... | 1.575 | 1.380 |
| Cranes and derricks..... | 2.125 | 1.875 | Sheet-metal workers..... | 1.675 | 1.500 |
| Draglines..... | 2.000 | 1.750 | Sign painters..... | 1.800 | 1.513 |
| Hoists..... | 2.000 | 1.750 | Steam fitters ¹ | 1.750 | 1.650 |
| LeTourneau..... | 1.750 | 1.500 | Stonemasons..... | 1.960 | 1.725 |
| Mixers: | | | Structural-iron workers ¹ | 1.750 | 1.750 |
| Under 14S..... | 1.500 | 1.250 | Rodmen ¹ | 1.750 | 1.750 |
| 14S and over..... | 1.750 | 1.500 | Tile layers ¹ | 1.750 | 1.580 |
| Pumps: | | | | | |
| 2 or 3 in a battery..... | 2.000 | ----- | <i>Helpers and laborers</i> | | |
| Under 4 inches..... | 1.250 | 1.000 | Bricklayers' tenders..... | 1.135 | 1.000 |
| 4 inches and over..... | 1.500 | 1.250 | Building laborers ¹ | 1.135 | 1.000 |
| Rollers..... | 1.500 | 1.250 | Elevator constructors' helpers..... | 1.280 | 1.200 |
| Scrapers..... | 1.750 | 1.500 | Marble setters' helpers..... | 1.155 | 1.000 |
| Shovels..... | 2.000 | 1.750 | Plasterers' laborers..... | 1.135 | 1.000 |
| Trenching machines..... | 2.000 | 1.750 | Plumbers' laborers..... | .875 | .825 |
| Glaziers..... | 1.400 | 1.150 | Steam fitters' helpers..... | .875 | .825 |
| Steel sash..... | 1.400 | 1.380 | Terrazzo workers' helpers..... | 1.150 | 1.000 |
| Lathers..... | 1.965 | 1.625 | Tile layers' helpers..... | 1.150 | 1.000 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

ROCK ISLAND (ILL.) DISTRICT ²

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.750 | \$1.500 | Mosaic and terrazzo workers..... | \$1.625 | \$1.500 |
| Boilermakers..... | 1.850 | 1.750 | Painters ¹ | 1.600 | 1.375 |
| Bricklayers..... | 1.850 | 1.725 | Steel..... | 1.750 | 1.500 |
| Carpenters..... | 1.600 | 1.425 | Paperhangers ¹ | 1.600 | 1.375 |
| Cement finishers..... | 1.585 | 1.400 | Plasterers ¹ | 1.850 | 1.750 |
| Electricians (inside wiremen)..... | 1.750 | 1.580 | Plumbers ¹ | 1.625 | 1.500 |
| Elevator constructors ¹ | 1.630 | 1.595 | Roofers: | | |
| Engineers—power equipment operators: | | | Composition..... | 1.563 | 1.438 |
| Air compressors..... | 1.400 | 1.275 | Foremen..... | 1.688 | 1.563 |
| Bulldozers..... | 1.700 | 1.500 | Slate and tile..... | 1.563 | 1.438 |
| Cranes, derricks, and draglines..... | 1.700 | 1.500 | Sheet-metal workers..... | 1.550 | 1.375 |
| Graders: | | | Sign painters..... | 1.600 | 1.375 |
| Elevating..... | 1.700 | 1.500 | Steam fitters ¹ | 1.625 | 1.500 |
| Form..... | 1.550 | ----- | Structural-iron workers..... | 1.730 | 1.580 |
| Hoists..... | 1.700 | 1.375 | Rodmen..... | 1.730 | 1.580 |
| Mixers..... | 1.400 | 1.275 | Tile layers..... | 1.625 | 1.500 |
| Paving type..... | 1.700 | 1.500 | | | |
| Pumps..... | 1.400 | 1.275 | <i>Helpers and laborers</i> | | |
| Roller, asphalt..... | 1.700 | ----- | Bricklayers' tenders..... | 1.050 | .875 |
| Shovels..... | 1.700 | 1.500 | Building laborers..... | 1.050 | .875 |
| Tractors, side boom..... | 1.700 | 1.500 | Composition roofers' helpers..... | 1.000 | .875 |
| Without power attachment..... | 1.550 | ----- | Elevator constructors' helpers ¹ | 1.140 | 1.120 |
| Trenching machines..... | 1.700 | 1.500 | Marble setters' helpers..... | .900 | .900 |
| Glaziers..... | 1.650 | 1.425 | Base grinders..... | 1.100 | 1.000 |
| Lathers..... | 1.750 | 1.500 | Plasterers' laborers..... | 1.250 | 1.125 |
| Marble setters..... | 1.625 | 1.500 | Plumbers' laborers..... | 1.050 | .875 |
| | | | Terrazzo workers' helpers..... | 1.000 | .900 |
| | | | Tile layers' helpers..... | .900 | .900 |

ST. LOUIS, MO.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.875 | \$1.750 | Machinists..... | \$1.500 | \$1.500 |
| Boilermakers..... | 1.750 | 1.625 | Marble setters..... | 1.750 | 1.500 |
| Bricklayers ¹ | 2.000 | 1.900 | Mosaic and terrazzo workers..... | 1.750 | 1.500 |
| Sewer work, over 6 feet..... | 2.250 | 2.000 | Painters ¹ | 1.650 | 1.503 |
| Carpenters ¹ | 1.875 | 1.700 | Paperhangers..... | 1.650 | 1.503 |
| Cement finishers..... | 1.950 | 1.875 | Plasterers ¹ | 1.900 | 1.750 |
| Composition..... | 2.200 | 1.750 | Plumbers ¹ | 1.875 | 1.750 |
| On swinging scaffold..... | 2.075 | 1.700 | Roofers: | | |
| Electricians (inside wiremen) ¹ | 1.875 | 1.750 | Composition..... | 1.750 | 1.575 |
| Elevator constructors..... | 1.865 | 1.750 | Foremen..... | 1.875 | 1.700 |
| Engineers—power equipment operators: | | | Slate and tile..... | 1.875 | 1.750 |
| Air compressors..... | 1.650 | 1.500 | Precast slab..... | 1.875 | 1.875 |
| Two in tandem..... | 2.200 | 2.000 | Sheet-metal workers..... | 1.875 | 1.625 |
| Bulldozers..... | 1.650 | 1.500 | Sign painters..... | 1.875 | 1.650 |
| Cranes, derricks, and draglines..... | 2.200 | 2.000 | Steam fitters..... | 1.875 | 1.750 |
| Graders, road..... | 2.200 | 1.500 | Sprinkler fitters..... | 1.875 | 1.700 |
| Form..... | 1.650 | ----- | Stonemasons..... | 1.875 | 1.500 |
| Hoists..... | 1.650 | 1.500 | Structural-iron workers..... | 2.000 | 1.900 |
| LeTourneau..... | 2.200 | 2.000 | Rodmen..... | 2.000 | 1.900 |
| Mixers..... | 1.650 | 1.500 | Tile layers ¹ | 1.700 | 1.700 |
| Paving..... | 2.200 | ----- | | | |
| Concrete..... | 2.200 | ----- | <i>Helpers and laborers</i> | | |
| Pumps..... | 1.650 | 1.500 | Bricklayers' tenders ¹ | 1.325 | 1.150 |
| Rollers..... | 1.650 | 1.500 | Building laborers..... | 1.200 | 1.000 |
| Asphalt..... | 2.200 | ----- | Composition roofers' helpers..... | 1.250 | ----- |
| Shovels..... | 2.200 | 2.000 | Elevator constructors' helpers..... | 1.305 | 1.225 |
| Tractors: | | | Marble setters' helpers..... | 1.050 | .900 |
| Caterpillar..... | 1.650 | 1.500 | Plasterers' laborers..... | 1.435 | 1.435 |
| With power take-off..... | 2.200 | 2.000 | Plumbers' laborers..... | 1.325 | 1.150 |
| Trenching machine, large..... | 2.200 | 2.000 | Sprinkler fitters' helpers..... | 1.225 | 1.100 |
| Small..... | 1.925 | ----- | Terrazzo workers' helpers..... | 1.300 | 1.075 |
| Glaziers..... | 1.875 | 1.750 | Base-machine operators..... | 1.425 | 1.175 |
| Lathers..... | 2.050 | 1.750 | Tile layers' helpers ¹ | 1.050 | 1.050 |
| Residential..... | 1.750 | 1.250 | | | |

¹ For changes since July 1, 1946, see appendix.² Includes Rock Island and Moline, Ill., and Davenport, Iowa.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

ST. PAUL, MINN.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.650 | \$1.580 | Sheet-metal workers..... | \$1.750 | \$1.500 |
| Bricklayers..... | 1.825 | 1.625 | Sign painters..... | 1.825 | 1.625 |
| Tuck pointing, etc..... | 1.950 | | Steam fitters..... | 1.750 | 1.550 |
| Carpenters..... | 1.650 | 1.440 | Sprinkler fitters ¹ | 1.580 | 1.580 |
| Cement finishers..... | 1.625 | 1.440 | Stonemasons..... | 1.825 | 1.625 |
| Electricians (inside wiremen)..... | 1.850 | 1.650 | Structural-iron workers..... | 1.750 | 1.625 |
| Elevator constructors..... | 1.660 | 1.600 | Rodmen..... | 1.625 | 1.500 |
| Engineers—power equipment op- erators. ² | | | Tile layers..... | 1.700 | 1.550 |
| Glaziers..... | 1.400 | 1.250 | <i>Helpers and laborers</i> | | |
| Lathers..... | 1.850 | 1.625 | Bricklayers' tenders..... | 1.150 | .950 |
| Marble setters..... | 1.700 | 1.525 | Mortar mixers..... | 1.250 | 1.075 |
| Mosaic and terrazzo workers..... | 1.700 | 1.440 | Building laborers..... | 1.150 | .950 |
| Painters ¹ | 1.625 | 1.440 | Composition roofers' helpers..... | 1.150 | .950 |
| Structural steel, swing stage and spray..... | 1.705 | 1.580 | Elevator constructors' helpers..... | 1.165 | 1.120 |
| Paperhangers..... | 1.625 | 1.440 | Plasterers' laborers..... | 1.450 | 1.200 |
| Plasterers..... | \$1.850 | \$1.625 | Plumbers' laborers..... | 1.150 | .950 |
| Plumbers..... | 1.750 | 1.550 | Sprinkler fitters' helpers ¹ | .950 | .950 |
| Roofers: | | | Terrazzo workers' helpers: | | |
| Composition..... | 1.580 | 1.380 | Floor-machine operators..... | 1.200 | .975 |
| Foremen..... | 1.680 | 1.480 | Base-machine operators..... | 1.350 | 1.100 |
| Slate and tile..... | 1.580 | 1.380 | Tile layers' helpers..... | 1.150 | .950 |

SALT LAKE CITY, UTAH

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|---|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.375 | \$1.250 | Machinists..... | \$1.625 | \$1.500 |
| Boilermakers ¹ | 1.750 | 1.650 | Marble setters..... | 1.550 | 1.375 |
| Bricklayers ¹ | 1.750 | 1.580 | Mosaic and terrazzo workers..... | 1.550 | 1.375 |
| Carpenters..... | 1.500 | 1.350 | Painters ¹ | 1.375 | 1.250 |
| Floor layers and scrapers..... | 1.625 | 1.500 | Swing stage ¹ | 1.500 | 1.375 |
| Millwrights..... | 1.500 | 1.375 | Spray..... | 1.875 | 1.750 |
| Cement finishers..... | 1.500 | 1.300 | Paperhangers ¹ | 1.375 | 1.250 |
| Electricians (inside wiremen) ¹ | 1.500 | 1.500 | Plasterers ¹ | 1.875 | 1.650 |
| Elevator constructors..... | 1.350 | 1.350 | Plumbers ¹ | 1.625 | 1.500 |
| Engineers—power equipment op- erators: | | | Roofers: | | |
| Air compressors ¹ | 1.250 | 1.250 | Composition..... | 1.500 | 1.250 |
| Bulldozers ¹ | 1.500 | 1.500 | Foremen..... | 1.625 | 1.375 |
| Cranes, derricks, and drag- lines ¹ | 1.650 | 1.650 | Slate and tile..... | 1.500 | 1.250 |
| Graders, elevating ¹ | 1.500 | 1.500 | Sheet-metal workers..... | 1.500 | 1.375 |
| Hoist, 1 drum ¹ | 1.375 | 1.375 | Sign painters..... | 1.500 | 1.150 |
| LeTourneau: | | | Steam fitters ¹ | 1.625 | 1.500 |
| Model super C ¹ | 1.500 | 1.500 | Structural-iron workers..... | 1.750 | 1.500 |
| Larger than super C ¹ | 1.625 | 1.625 | Rodmen..... | 1.625 | 1.375 |
| Mixers: | | | Tile layers..... | 1.550 | 1.375 |
| Skip type ¹ | 1.250 | 1.250 | <i>Helpers and laborers</i> | | |
| Paving type ¹ | 1.500 | 1.500 | Bricklayers' tenders ¹ | 1.250 | 1.125 |
| Pumps: | | | Building laborers ¹ | .875 | .850 |
| Concrete ¹ | 1.250 | 1.250 | Concrete laborers..... | 1.000 | .850 |
| Water ¹ | 1.125 | 1.125 | Elevator constructors' helpers..... | .945 | .945 |
| Rollers ¹ | 1.500 | 1.500 | Marble setters' helpers..... | .875 | .750 |
| Scrapers ¹ | 1.500 | 1.500 | Plasterers' laborers ¹ | 1.400 | 1.250 |
| Shovels ¹ | 1.650 | 1.650 | Plumbers laborers ¹ | 1.000 | 1.000 |
| Tractors ¹ | 1.500 | 1.500 | Tile layers' helpers..... | .875 | .750 |
| Trenching machines ¹ | 1.500 | 1.500 | | | |
| Glaziers..... | 1.330 | 1.125 | | | |
| Lathers: | | | | | |
| Metal..... | 1.650 | 1.650 | | | |
| Wood..... | 1.400 | 1.400 | | | |

¹ For changes since July 1, 1946, see appendix.² Hours per week, 35.³ See Minneapolis, Minn.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

SAN ANTONIO, TEX.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|--|---------------------|---------------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeymen</i> | | | <i>Journeymen—Continued</i> | | |
| Asbestos workers..... | \$1. 750 | \$1. 625 | Machinists..... | \$1. 725 | \$1. 500 |
| Bricklayers..... | 1. 938 | 1. 725 | Marble setters ¹ | 1. 625 | 1. 440 |
| Carpenters ¹ | 1. 438 | 1. 250 | Mosaic and terrazzo workers ¹ | 1. 625 | 1. 440 |
| Cement finishers ¹ | 1. 500 | 1. 500 | Painters ¹ | 1. 375 | 1. 125 |
| Electricians (inside wiremen) ¹ | 1. 800 | 1. 500 | Stage and structural steel..... | 1. 600 | 1. 375 |
| Elevator constructors..... | 1. 695 | 1. 550 | Spray..... | 1. 625 | 1. 375 |
| Engineers—power equipment operators: | | | Paperhangers..... | 1. 375 | 1. 125 |
| Air compressors..... | 1. 250 | 1. 250 | Plasterers ¹ | 1. 650 | 1. 650 |
| Bulldozers..... | 1. 500 | 1. 500 | Plumbers ¹ | 1. 875 | 1. 625 |
| Cranes, derricks, and draglines..... | 1. 500 | 1. 500 | Roofers: | | |
| Graders..... | 1. 250 | 1. 250 | Composition ¹ | ² 1. 125 | ² 1. 125 |
| Hoists: | | | Slate and tile ¹ | ² 1. 250 | ² 1. 250 |
| 1 drum..... | 1. 250 | 1. 250 | Sheet-metal workers..... | 1. 750 | 1. 500 |
| 2 drums..... | 1. 500 | 1. 500 | Sign painters..... | ² 1. 065 | ² 1. 065 |
| Mixers: | | | Steam fitters..... | 1. 875 | 1. 625 |
| Small..... | 1. 250 | 1. 250 | Stonemasons..... | 1. 938 | 1. 725 |
| Large..... | 1. 500 | 1. 500 | Structural-iron workers..... | 1. 750 | 1. 500 |
| Pumps: | | | Rodmen..... | 1. 500 | 1. 250 |
| Small..... | 1. 250 | 1. 250 | Tile layers ¹ | 1. 625 | 1. 440 |
| Large..... | 1. 500 | 1. 500 | | | |
| Rollers..... | 1. 250 | 1. 250 | <i>Helpers and laborers</i> | | |
| Shovels..... | 1. 500 | 1. 500 | Bricklayers' tenders..... | 1. 000 | . 700 |
| Tractors..... | 1. 250 | 1. 250 | Mortar mixers..... | 1. 000 | . 700 |
| Glaziers..... | 1. 375 | 1. 125 | Building laborers ¹ | . 625 | . 575 |
| Lathers..... | 1. 875 | 1. 625 | Elevator constructors' helpers..... | 1. 190 | 1. 090 |
| | | | Plasterers' laborers..... | 1. 000 | . 700 |
| | | | Plumbers' laborers ¹ | . 625 | . 575 |

SAN FRANCISCO, CALIF.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|---------------------|---------------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeymen</i> | | | <i>Journeymen—Continued</i> | | |
| Asbestos workers..... | \$1. 750 | \$1. 500 | Granite cutters..... | \$1. 500 | \$1. 250 |
| Boilermakers ¹ | 1. 750 | 1. 650 | Lathers..... | 2. 000 | 1. 750 |
| Bricklayers ¹ | 2. 050 | 1. 875 | Machinists..... | 1. 810 | 1. 530 |
| Carpenters..... | 1. 750 | 1. 500 | Marble setters..... | 1. 750 | 1. 500 |
| Hardwood floor layers..... | 1. 875 | 1. 500 | Mosaic and terrazzo workers..... | 1. 900 | 1. 500 |
| Millwrights..... | 1. 875 | 1. 625 | Base-machine operators..... | 1. 750 | 1. 250 |
| Wharf and bridge..... | 1. 860 | 1. 610 | Painters..... | ³ 1. 750 | ³ 1. 500 |
| Cement finishers..... | 1. 750 | 1. 500 | Structural steel..... | ³ 1. 750 | ³ 1. 750 |
| Composition finishers and machine operators..... | 1. 875 | 1. 625 | Paperhangers..... | ³ 1. 750 | ³ 1. 500 |
| Electricians (inside wiremen) ¹ | 1. 875 | 1. 700 | Plasterers ¹ | 2. 000 | 1. 750 |
| Elevator constructors..... | 1. 910 | 1. 755 | Plumbers and gas fitters ¹ | 1. 875 | 1. 700 |
| Engineers—power equipment operators: | | | Roofers: | | |
| Air compressors..... | 1. 600 | 1. 250 | Composition..... | 1. 750 | 1. 500 |
| More than 1..... | 1. 900 | ----- | Foremen..... | 1. 875 | 1. 625 |
| Cranes, derricks, and draglines..... | 2. 100 | 1. 750 | Slate and tile..... | 1. 750 | 1. 500 |
| Graders..... | 2. 100 | 1. 625 | Sheet-metal workers..... | 1. 750 | 1. 500 |
| Hoists..... | 1. 850 | ----- | Sign painters..... | ³ 2. 000 | ³ 1. 714 |
| LeTourneau: | | | Steam fitters..... | 1. 875 | 1. 700 |
| Up to 14 yards..... | 2. 100 | 1. 625 | Sprinkler fitters..... | 1. 750 | 1. 580 |
| 14 yards and over..... | 2. 100 | 1. 750 | Refrigeration fitters: | | |
| Mixers: | | | High pressure..... | 1. 875 | 1. 700 |
| Up to 1 yard..... | 1. 600 | 1. 250 | Low pressure..... | 1. 500 | 1. 250 |
| Over 1 yard and paving type..... | 1. 900 | 1. 500 | Oil burner fitters..... | 1. 575 | 1. 250 |
| Dual drum..... | 2. 000 | ----- | Stonemasons..... | 2. 050 | 1. 875 |
| Pumps..... | 1. 600 | 1. 250 | Structural-iron workers..... | 2. 000 | 1. 750 |
| Concrete..... | 1. 900 | 1. 500 | Finishers..... | 1. 850 | 1. 600 |
| Rollers..... | 1. 950 | 1. 625 | Rodmen..... | 1. 750 | 1. 500 |
| Shovels, power: | | | Tile layers..... | 1. 800 | 1. 500 |
| Up to and including 1 yard..... | 2. 250 | 2. 000 | | | |
| Over 1 yard..... | 2. 350 | 2. 000 | <i>Helpers and laborers</i> | | |
| Tractors..... | 1. 950 | 1. 625 | Bricklayers' tenders..... | 1. 575 | 1. 400 |
| Boom..... | 2. 100 | 1. 750 | Building laborers..... | 1. 250 | 1. 000 |
| Tandem..... | 2. 250 | 1. 750 | Elevator constructors' helpers..... | 1. 340 | 1. 230 |
| Trenching machines..... | 2. 000 | 1. 625 | Marble setters' helpers..... | 1. 188 | 1. 000 |
| Glaziers..... | 1. 650 | 1. 400 | Plasterers' laborers..... | 1. 750 | 1. 600 |
| | | | Sprinkler fitters' helpers..... | 1. 100 | . 950 |
| | | | Terrazzo workers' helpers..... | 1. 500 | 1. 063 |
| | | | Wet-base machine..... | 1. 500 | 1. 125 |
| | | | Common labor..... | 1. 250 | 1. 000 |
| | | | Tile layers' helpers..... | 1. 375 | 1. 063 |

¹ For changes since July 1, 1946, see appendix.² Hours per week, 44.³ Hours per week, 35.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

SCRANTON, PA.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|-------------------------------------|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers ¹ | \$1.500 | \$1.500 | Sheet-metal workers..... | \$1.375 | \$1.375 |
| Bricklayers ¹ | 1.750 | 1.650 | Sign painters..... | 1.425 | 1.250 |
| Carpenters..... | 1.500 | 1.300 | Steam fitters..... | 1.500 | 1.375 |
| Millwrights..... | 1.500 | 1.500 | Stonemasons..... | 1.250 | 1.250 |
| Cement finishers ¹ | 1.425 | 1.375 | Stonemasons ¹ | 1.750 | 1.650 |
| Electricians (inside wiremen)..... | 1.625 | 1.500 | Structural-iron workers..... | 2.150 | 1.750 |
| Elevator constructors..... | 1.500 | 1.500 | Rodmen..... | 2.050 | 1.650 |
| Engineers—power equipment operators ² | | | Tile layers ¹ | 1.600 | 1.500 |
| Glaziers..... | 1.300 | 1.100 | <i>Helpers and laborers</i> | | |
| Lathers..... | 1.585 | 1.500 | Bricklayers' tenders..... | 1.100 | 1.000 |
| Marble setters ¹ | 1.600 | 1.500 | Building laborers..... | .900 | .800 |
| Mosaic and terrazzo workers ¹ | 1.600 | 1.500 | Composition roofers' helpers..... | 1.125 | 1.000 |
| Painters ¹ | 1.425 | 1.250 | Elevator constructors' helpers..... | 1.050 | 1.050 |
| Paperhangers..... | 1.425 | 1.250 | Marble setters' helpers..... | .925 | .925 |
| Plasterers ¹ | 1.725 | 1.625 | Plasterers' laborers..... | 1.100 | 1.000 |
| Plumbers..... | 1.500 | 1.375 | Plumbers' laborers..... | .900 | .800 |
| Roofers: | | | Terrazzo workers' helpers..... | .925 | .925 |
| Composition..... | 1.425 | 1.300 | Tile layers' helpers..... | .925 | .925 |
| Slate and tile..... | 1.425 | 1.300 | | | |

SEATTLE, WASH.

| | | | | | |
|--|---------|---------|---|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.775 | \$1.645 | Engineers—power equipment operators—Continued | | |
| Boilermakers ¹ | 1.750 | 1.745 | Shovels..... | \$2.200 | \$2.000 |
| Bricklayers ¹ | 1.975 | 1.845 | Tractors..... | 1.900 | 1.700 |
| Sewer and tunnel..... | 2.100 | 1.970 | Trenching machines: | | |
| Carpenters ¹ | 1.675 | 1.545 | Under 16 inches..... | 1.950 | 1.750 |
| Floor layers and boommen..... | 1.775 | 1.645 | 16 inches and over..... | 2.150 | 1.950 |
| Wharf and bridge..... | 1.725 | 1.595 | Glaziers..... | 1.625 | 1.495 |
| Cement finishers..... | 1.675 | 1.545 | Inside..... | 1.625 | 1.395 |
| Composition finishers..... | 1.725 | 1.595 | Lathers..... | 1.875 | 1.745 |
| Paving finishers and ribbon setters..... | 1.700 | 1.570 | Machinists..... | 1.875 | 1.650 |
| Finishing machines: | | | Marble setters..... | 1.875 | 1.745 |
| Trowel..... | 1.800 | 1.670 | Mosaic and terrazzo workers..... | 1.725 | 1.595 |
| Paving..... | 1.945 | 1.815 | Painters ¹ | 1.675 | 1.545 |
| Electricians (inside wiremen) ¹ | 1.875 | 1.745 | Structural steel..... | 1.800 | 1.670 |
| Fixture hangers..... | 1.875 | | Spray..... | 2.000 | 2.000 |
| Elevator constructors..... | 1.850 | 1.785 | Paperhangers..... | 1.675 | 1.545 |
| Engineers—power equipment operators: | | | Plasterers ¹ | 1.975 | 1.845 |
| Air compressors: | | | Plumbers ¹ | 1.875 | 1.745 |
| Excavating..... | 1.700 | 1.500 | Roofers: | | |
| Steel erection..... | 1.950 | 1.750 | Composition..... | 1.775 | 1.645 |
| Bulldozers..... | 1.900 | 1.700 | Slate and tile..... | 1.675 | 1.545 |
| Cranes and draglines..... | 2.200 | 2.000 | Sheet-metal workers..... | 1.825 | 1.695 |
| Derricks..... | 1.900 | 1.700 | Sign painters..... | 1.975 | 1.845 |
| Graders, motor patrols, power grade..... | 1.900 | 1.700 | Steam fitters..... | 1.875 | 1.745 |
| Hoists..... | 1.900 | 1.700 | Stonemasons..... | 1.975 | 1.845 |
| Steel erection..... | 1.950 | 1.750 | Structural-iron workers..... | 1.875 | 1.745 |
| 3 drums..... | 2.200 | 2.000 | Rodmen..... | 1.675 | 1.545 |
| LeTourneau..... | 1.900 | 1.700 | Tile layers..... | 1.725 | 1.595 |
| Mixers, paving..... | 2.050 | 1.850 | <i>Helpers and laborers</i> | | |
| Dual..... | 2.200 | 2.000 | Bricklayers' tenders..... | 1.525 | 1.395 |
| Pumps..... | 1.950 | 1.600 | Building laborers ¹ | 1.275 | 1.145 |
| Rollers: | | | Elevator constructors' helpers..... | 1.295 | 1.270 |
| On plant mix materials..... | 1.950 | 1.750 | Marble setters' helpers..... | 1.275 | 1.145 |
| On other than plant mix..... | 1.650 | 1.450 | Plasterers' laborers..... | 1.525 | 1.395 |
| Scrapers: | | | Plumbers' laborers..... | 1.275 | 1.145 |
| Carry-all type, single..... | 1.900 | 1.700 | Terrazzo workers' helpers..... | 1.275 | 1.145 |
| Carry-all type, tandem..... | 2.050 | 1.850 | Tile layers' helpers..... | 1.275 | 1.145 |

¹ For changes since July 1, 1946, see appendix.² See Philadelphia, Pa.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

SOUTH BEND, IND.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers ¹ | \$1.700 | \$1.500 | Painters..... | \$1.500 | \$1.300 |
| Boilermakers..... | 1.850 | 1.700 | Spray, stage, and structural steel..... | 1.500 | 1.500 |
| Bricklayers..... | 1.900 | 1.750 | Paperhangers..... | 1.500 | 1.300 |
| Sewer, tunnel and caisson..... | 2.150 | 2.000 | Plasterers ¹ | 1.750 | 1.625 |
| Carpenters..... | 1.700 | 1.500 | Plumbers..... | 1.800 | 1.625 |
| Cement finishers..... | 1.700 | 1.500 | Roofers: | | |
| Electricians (inside wiremen)..... | 1.800 | 1.625 | Composition..... | 1.750 | 1.500 |
| Elevator constructors ¹ | 1.665 | 1.500 | Foremen..... | 1.900 | 1.650 |
| Engineers—power equipment operators: | | | Slate and tile..... | 1.750 | 1.500 |
| Air compressors..... | 1.500 | 1.375 | Steeple work..... | 2.000 | |
| Bulldozers..... | 1.600 | 1.500 | Sheet-metal workers..... | 1.750 | 1.500 |
| Cranes, derricks, and draglines..... | 1.875 | 1.625 | Sign painters..... | 1.500 | 1.300 |
| Hoists: | | | Steam fitters..... | 1.800 | 1.625 |
| 1 drum..... | 1.600 | 1.375 | Stonemasons..... | 1.900 | 1.750 |
| 2 or more drums..... | 1.875 | 1.625 | Structural-iron workers..... | 1.875 | 1.700 |
| Mixers: | | | Rodmen..... | 1.875 | 1.700 |
| Less than 21 inches..... | 1.600 | 1.375 | Tile layers..... | 1.750 | 1.750 |
| 21 inches and over..... | 1.875 | 1.625 | | | |
| Pumps..... | 1.500 | 1.375 | <i>Helpers and laborers</i> | | |
| Rollers..... | 1.600 | 1.375 | Bricklayers' tenders..... | 1.150 | 1.000 |
| Shovels..... | 1.875 | 1.625 | Mortar mixers..... | 1.300 | 1.150 |
| Tractors: | | | Building laborers..... | 1.150 | 1.000 |
| Less than 50 horsepower..... | 1.500 | 1.250 | Composition roofers' helpers..... | 1.200 | 1.000 |
| 50 horsepower and over..... | 1.500 | 1.375 | Elevator constructors' helpers ¹ | 1.165 | 1.050 |
| Trenching machines..... | 1.875 | 1.625 | Marble setters' helpers..... | 1.250 | 1.250 |
| Glaziers..... | 1.400 | 1.400 | Plasterers' laborers..... | 1.300 | 1.150 |
| Lathers..... | 1.700 | 1.500 | Plumbers' laborers..... | 1.150 | 1.000 |
| Marble setters..... | 1.750 | 1.750 | Terrazzo workers' helpers..... | 1.350 | 1.250 |
| Mosaic and terrazzo workers..... | 1.750 | 1.750 | Base-machine operators..... | 1.500 | 1.375 |
| | | | Tile layers' helpers..... | 1.250 | 1.250 |

SPOKANE, WASH.

| | | | | | |
|--------------------------------------|---------|---------|---|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.625 | \$1.500 | Lathers..... | \$1.800 | \$1.625 |
| Boilermakers ¹ | 1.750 | 1.580 | Machinists..... | 1.500 | 1.500 |
| Bricklayers ¹ | 1.925 | 1.750 | Marble setters..... | 1.850 | 1.750 |
| Carpenters ¹ | 1.625 | 1.440 | Mosaic and terrazzo workers..... | 1.725 | 1.600 |
| Cement finishers..... | 1.800 | 1.675 | Painters ¹ | 1.925 | 1.450 |
| Electricians (inside wiremen)..... | 1.750 | 1.550 | Spray ¹ | 1.925 | 1.800 |
| Elevator constructors..... | 1.810 | 1.645 | Structural steel ¹ | 1.875 | 1.800 |
| Engineers—power equipment operators: | | | Paperhangers..... | 1.575 | 1.450 |
| Air compressors..... | 1.500 | 1.375 | Plasterers ¹ | 1.950 | 1.750 |
| Bulldozers..... | 1.700 | 1.500 | Plumbers ¹ | 1.750 | 1.650 |
| Cranes, derricks, and draglines..... | 1.850 | 1.750 | Roofers: | | |
| Graders, elevating..... | 1.700 | 1.500 | Composition..... | 1.375 | 1.250 |
| Hoists: | | | Foremen..... | 1.625 | 1.500 |
| 1 drum..... | 1.500 | 1.375 | Slate and tile..... | 1.375 | 1.250 |
| 2 drums..... | 1.750 | 1.500 | Sheet-metal workers..... | 1.700 | 1.500 |
| 3 drums or steel erection..... | 1.750 | 1.650 | Sign painters..... | 1.650 | 1.650 |
| LeTourneau 13 yards and under..... | 1.700 | 1.500 | Steam fitters..... | 1.750 | 1.650 |
| Over 13 yards..... | 1.850 | | Stonemasons ¹ | 1.925 | 1.750 |
| Mixers..... | 1.500 | 1.375 | Structural-iron workers..... | 1.800 | 1.690 |
| Concrete mixer, paving..... | 1.750 | | Rodmen..... | 1.600 | 1.500 |
| Pumps..... | 1.500 | 1.375 | Tile layers..... | 1.725 | 1.600 |
| Rollers: | | | <i>Helpers and laborers</i> | | |
| Finishing high type pavement..... | 1.650 | 1.500 | Bricklayers' tenders..... | 1.350 | 1.200 |
| Grade and surfacing..... | 1.850 | | Cement mixers..... | 1.350 | 1.100 |
| Shovels..... | 1.850 | 1.750 | Building laborers..... | 1.150 | 1.000 |
| Tractors..... | 1.700 | 1.500 | Elevator constructors' helpers..... | 1.270 | 1.150 |
| Trenching machines..... | 1.750 | 1.500 | Marble setters' helpers..... | 1.350 | 1.200 |
| Glaziers..... | 1.350 | 1.250 | Plasterers' laborers ¹ | 1.500 | 1.300 |
| | | | Terrazzo workers' helpers..... | 1.350 | 1.200 |
| | | | Tile layers' helpers..... | 1.350 | 1.100 |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

SPRINGFIELD, MASS.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|---|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.700 | \$1.500 | Mosaic and terrazzo workers..... | \$1.925 | \$1.750 |
| Bricklayers..... | 1.925 | 1.750 | Painters ¹ | 1.500 | 1.375 |
| Carpenters..... | 1.625 | 1.500 | Paperhangers ¹ | 1.500 | 1.375 |
| Cement finishers..... | 1.925 | 1.750 | Plasterers..... | 1.925 | 1.750 |
| Electricians (inside wiremen)..... | 1.750 | 1.580 | Plumbers and gas fitters ¹ | 1.700 | 1.580 |
| Elevator constructors ¹ | 1.660 | 1.660 | Roofers: | | |
| Engineers—power equipment operators: | | | Composition..... | 1.625 | 1.500 |
| Air compressors: | | | Slate and tile..... | 1.625 | 1.500 |
| 225 feet and under..... | 1.150 | 1.000 | Sheet-metal workers..... | 1.750 | 1.580 |
| 315 feet and over..... | 1.500 | 1.250 | Sign painters..... | 1.500 | 1.375 |
| Bulldozers..... | 1.500 | 1.350 | Steam fitters ¹ | 1.700 | 1.580 |
| Cranes, derricks, and drag-lines..... | 1.900 | 1.750 | Stonecutters..... | 1.750 | 1.675 |
| Graders..... | 1.500 | 1.350 | Inside..... | 1.500 | 1.250 |
| Hoists: | | | Stonemasons..... | 1.925 | 1.750 |
| Under 3 drums..... | 1.500 | 1.350 | Structural-iron workers..... | 1.850 | 1.650 |
| 3 or more drums..... | 1.900 | 1.750 | Rodmen..... | 1.850 | 1.650 |
| Mixers: | | | Tile layers..... | 1.925 | 1.750 |
| Small..... | 1.050 | .900 | | | |
| Road..... | 1.900 | 1.750 | <i>Helpers and laborers</i> | | |
| Pumps..... | 1.500 | 1.350 | Bricklayers' tenders..... | 1.250 | 1.125 |
| Rollers..... | 1.400 | 1.250 | Building laborers..... | 1.000 | .900 |
| Scrapers..... | 1.650 | 1.440 | Elevator constructors' helpers ¹ | 1.180 | 1.160 |
| Shovels..... | 1.900 | 1.750 | Marble setters' helpers..... | 1.375 | 1.000 |
| Glaziers..... | 1.750 | 1.500 | Plasterers' laborers..... | 1.250 | 1.125 |
| Lathers..... | 1.750 | 1.500 | Terrazzo workers' helpers..... | 1.375 | 1.000 |
| Marble setters..... | 1.925 | 1.750 | Tile layers' helpers..... | 1.375 | 1.000 |

TAMPA, FLA.

| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
|--|---------|---------|-------------------------------------|---------|---------|
| Asbestos workers..... | \$1.625 | \$1.500 | Glaziers ¹ | \$1.200 | \$1.200 |
| Boilermakers..... | 1.625 | 1.500 | Lathers..... | 1.625 | 1.500 |
| Bricklayers..... | 1.750 | 1.500 | Marble setters..... | 1.750 | 1.440 |
| Carpenters ¹ | 1.250 | 1.150 | Mosaic and terrazzo workers..... | 1.750 | 1.440 |
| Millwrights..... | 1.375 | 1.150 | Painters..... | 1.375 | 1.200 |
| Wharf and bridge..... | 1.250 | 1.250 | Structural steel..... | 1.625 | 1.500 |
| Cement finishers..... | 1.500 | 1.250 | Spray..... | 1.750 | 1.600 |
| Electricians (inside wiremen) ¹ | 1.675 | 1.500 | Paperhangers..... | 1.375 | 1.200 |
| Elevator constructors..... | 1.685 | 1.500 | Plasterers..... | 1.750 | 1.500 |
| Engineers—power equipment operators: | | | Plumbers ¹ | 1.625 | 1.500 |
| Air compressors..... | 1.250 | 1.250 | Sheet-metal workers..... | 1.500 | 1.250 |
| Bulldozers..... | 1.500 | 1.500 | Sign painters..... | 1.540 | 1.360 |
| Cranes and derricks..... | 1.750 | 1.500 | Steam fitters..... | 1.625 | 1.500 |
| Draglines..... | 1.500 | 1.350 | Stonemasons..... | 1.750 | 1.500 |
| Graders..... | 1.250 | 1.250 | Structural-iron workers..... | 1.750 | 1.500 |
| Hoists: | | | Rodmen..... | 1.625 | 1.375 |
| 1 drum..... | 1.250 | 1.250 | Tile layers..... | 1.750 | 1.440 |
| 2 drums..... | 1.500 | 1.250 | | | |
| LeTourneau..... | 1.250 | 1.250 | <i>Helpers and laborers</i> | | |
| Mixers..... | 1.250 | 1.250 | Bricklayers' tenders..... | .850 | .650 |
| Pumps..... | 1.250 | 1.250 | Building laborers..... | .750 | .600 |
| Shovels..... | 1.500 | 1.500 | Elevator constructors' helpers..... | 1.180 | 1.050 |
| Tractors..... | 1.250 | 1.250 | Plasterers' laborers..... | .850 | .650 |
| Trenching machines..... | 1.250 | 1.250 | | | |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

| TOLEDO, OHIO | | | | | |
|--|-----------------|-----------------|--|-----------------|-----------------|
| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeymen</i> | | | <i>Journeymen—Continued</i> | | |
| Asbestos workers..... | \$1.750 | \$1.625 | Marble setters..... | \$1.875 | \$1.750 |
| Boilermakers..... | 2.000 | 1.750 | Mosaic and terrazzo workers..... | 1.750 | 1.625 |
| Bricklayers..... | 2.000 | 1.800 | Painters..... | 1.675 | 1.500 |
| Carpenters..... | 1.750 | 1.580 | Over 30 feet and swing stage..... | 1.925 | 1.750 |
| Cement finishers..... | 1.970 | 1.725 | Spray..... | 1.775 | 1.625 |
| Electricians (inside wiremen)..... | 2.000 | 1.750 | Over 30 feet..... | 2.025 | 1.875 |
| Fixture hangers..... | 1.850 | 1.600 | Paperhangers..... | 1.675 | 1.500 |
| Elevator constructors ¹ | 1.810 | 1.760 | Plasterers..... | 2.000 | 1.750 |
| Engineers— power equipment operators: | | | Plumbers ¹ | 1.875 | 1.725 |
| Air compressors: | | | Roofers: | | |
| Plant operation..... | 1.750 | 1.600 | Composition: | | |
| Steel..... | 2.000 | 1.500 | Built-up moppers ¹ | 1.625 | 1.500 |
| Portable..... | 1.425 | 1.350 | Built-up rollers or house roofers ¹ | 1.625 | 1.400 |
| Bulldozers..... | 1.625 | 1.475 | Slate and tile ¹ | 1.625 | 1.500 |
| Cranes, derricks, and drag-lines..... | 2.000 | 1.725 | Sheet-metal workers..... | 1.725 | 1.500 |
| Graders..... | 1.625 | 1.475 | Sign painters..... | 1.750 | 1.555 |
| Hoists: | | | Sign fitters..... | 1.875 | 1.725 |
| Steel and brick erection..... | 1.750 | 1.625 | Stonemasons..... | 2.000 | 1.800 |
| All others..... | 1.625 | 1.475 | Structural-iron workers..... | 2.000 | 1.800 |
| Mixers: | | | Rodmen..... | 1.625 | 1.475 |
| Up to 1 bag..... | 1.625 | 1.350 | Tile layers ¹ | 1.750 | 1.625 |
| Large..... | 1.625 | 1.475 | | | |
| 27E and over..... | 1.750 | 1.600 | <i>Helpers and laborers</i> | | |
| Pumps..... | 1.625 | 1.475 | Bricklayers' tenders ¹ | 1.225 | 1.050 |
| Rollers..... | 1.625 | 1.475 | Mortar mixers ¹ | 1.225 | 1.100 |
| Scrapers..... | 1.750 | 1.600 | Building laborers ¹ | 1.125 | 1.000 |
| Shovels..... | 2.000 | 1.725 | Elevator constructors' helpers ¹ | 1.270 | 1.240 |
| Trenching machines..... | 1.750 | 1.600 | Marble setters' helpers ¹ | 1.000 | 1.000 |
| Glaziers..... | 1.500 | 1.330 | Plumbers' laborers..... | 1.410 | 1.150 |
| Lathers..... | 2.000 | 1.800 | Terrazzo workers' helpers ¹ | 1.000 | 1.000 |
| | | | Tile layers' helpers ¹ | 1.000 | 1.000 |

WASHINGTON, D. C.

| Journeyman | | Journeyman—Continued | | | |
|--|---------|----------------------|--|---------|---------|
| Asbestos workers..... | \$1.938 | \$1.813 | Mosaic and terrazzo workers..... | \$1.725 | \$1.650 |
| Boilermakers..... | 1.750 | 1.750 | Painters..... | \$1.775 | \$1.775 |
| Bricklayers..... | 2.125 | 1.900 | Bridge, structural steel and spray ¹ | \$2.000 | \$2.000 |
| Residential..... | 2.125 | 1.750 | Paperhangers..... | \$1.775 | \$1.775 |
| Carpenters..... | 1.925 | 1.775 | Plasterers ¹ | 2.000 | 2.000 |
| Cement finishers..... | 1.750 | 1.600 | Residential ¹ | 2.000 | 1.500 |
| Electricians (inside wiremen) ¹ | 2.125 | 2.000 | Plumbers and gas fitters ¹ | 1.875 | 1.875 |
| Elevator constructors..... | 2.040 | 1.930 | Roofers: | | |
| Engineers—power equipment operators: | | | Composition: | | |
| Air compressors..... | 1.750 | 1.600 | First hand..... | 1.700 | 1.620 |
| Bulldozers..... | 1.450 | 1.250 | Second hand..... | 1.400 | 1.300 |
| Cranes, derricks, and drag-lines..... | 2.125 | 2.000 | Slate and tile..... | 2.000 | 1.750 |
| Graders: | | | Sheet-metal workers ¹ | 1.875 | 1.875 |
| Blade..... | 1.450 | 1.250 | Sign painters..... | 2.000 | 1.625 |
| Elevating..... | 1.900 | ----- | Steam fitters ¹ | 1.875 | 1.875 |
| Fine and form grader..... | 1.400 | ----- | Refrigeration and oil burner fitters, 7½ horsepower or less..... | 1.500 | 1.500 |
| Motor..... | 1.500 | ----- | Sprinkler fitters..... | 1.750 | 1.580 |
| Hoists: | | | Stonemasons..... | 1.900 | 1.750 |
| 1 drum..... | 1.900 | 1.750 | Structural-iron workers..... | 2.250 | 2.000 |
| 2 drums..... | 2.125 | 2.000 | Rodmen..... | 1.850 | 1.700 |
| Mixers: | | | Tile layers..... | 1.725 | 1.650 |
| 108 and larger..... | 1.750 | ----- | | | |
| Paving..... | 1.825 | ----- | Helpers and laborers | | |
| Dual drum..... | 2.000 | ----- | Bricklayers' tenders..... | 1.050 | .900 |
| Pumps..... | 1.700 | 1.600 | Building laborers..... | 1.050 | .900 |
| Rollers..... | 1.600 | 1.500 | Composition roofers' helpers..... | .950 | .920 |
| Shovels..... | 2.125 | 2.000 | Elevator constructors' helpers..... | 1.430 | 1.350 |
| Tractors..... | 1.450 | 1.250 | Marble setters' helpers..... | 1.250 | 1.100 |
| Trenching machines..... | 1.900 | 1.750 | Plasterers' laborers..... | 1.375 | 1.200 |
| Glaziers..... | 1.775 | 1.650 | Residential..... | 1.050 | .900 |
| Lathers ¹ | 1.875 | 1.750 | Plumbers' laborers..... | 1.000 | 1.000 |
| Machinists..... | 1.800 | 1.800 | Terrazzo workers' helpers..... | 1.250 | 1.100 |
| Marble setters..... | 1.900 | 1.750 | Tile layers' helpers..... | 1.250 | 1.100 |

¹ For changes since July 1, 1946, see appendix.² Hours per week, 35.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

WICHITA, KANS.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|---------------------------------------|----------------|--------------|--|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.500 | \$1.500 | Marble setters..... | \$1.750 | \$1.580 |
| Bricklayers ¹ | 1.750 | 1.580 | Mosaic and terrazzo workers..... | 1.750 | 1.580 |
| Carpenters ¹ | 1.375 | 1.250 | Painters..... | 1.250 | 1.125 |
| Cement finishers..... | 1.500 | 1.375 | Spray..... | 1.500 | 1.375 |
| Electricians (inside wiremen)..... | 1.750 | 1.500 | Structural steel and stage..... | 1.375 | 1.250 |
| Elevator constructors..... | 1.520 | 1.450 | Paperhangers..... | 1.375 | 1.250 |
| Engineers—power equipment operators: | | | Plasterers..... | 1.625 | 1.500 |
| Air compressors..... | 1.500 | 1.500 | Plumbers..... | 1.625 | 1.500 |
| Bulldozers: | | | Roofers: | | |
| Under 60 horsepower..... | 1.100 | 1.100 | Composition..... | 1.250 | 1.125 |
| 60 horsepower and over..... | 1.250 | 1.250 | Foremen..... | 1.375 | 1.250 |
| Cranes, derricks, and draglines..... | 1.500 | 1.500 | Slate and tile..... | 1.375 | 1.250 |
| Graders..... | 1.250 | 1.250 | Sheet-metal workers..... | 1.500 | 1.250 |
| Holsts: | | | Sign painters..... | 1.375 | 1.250 |
| 1 drum..... | 1.375 | 1.375 | Steam fitters..... | 1.625 | 1.500 |
| 2 drums..... | 1.500 | 1.500 | Stonemasons..... | 1.750 | 1.580 |
| LeTourneau..... | 1.375 | 1.375 | Structural-iron workers ¹ | 1.500 | 1.250 |
| Mixers..... | 1.250 | 1.250 | Rodmen ¹ | 1.250 | 1.000 |
| Pumps..... | 1.375 | 1.375 | Tile layers..... | 1.750 | 1.580 |
| Rollers..... | 1.250 | 1.250 | | | |
| Shovels..... | 1.500 | 1.500 | <i>Helpers and laborers</i> | | |
| Tractors, without power take-off..... | .900 | .900 | Bricklayers' tenders..... | 1.000 | .875 |
| Trenching machines..... | 1.500 | 1.500 | Building laborers..... | .875 | .750 |
| Glaziers..... | 1.250 | 1.125 | Elevator constructors' helpers..... | 1.060 | 1.015 |
| Lathers..... | 1.750 | 1.500 | Plasterers' laborers..... | 1.000 | .875 |
| | | | Tile layers' helpers..... | 1.000 | .875 |

WORCESTER, MASS.

| | | | | | |
|--|---------|---------|---|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Bricklayers ¹ | \$1.725 | \$1.675 | Plumbers..... | \$1.650 | \$1.500 |
| Carpenters..... | 1.500 | 1.350 | Sign painters..... | 1.350 | 1.250 |
| Millwrights..... | 1.500 | 1.350 | Steam fitters..... | 1.650 | 1.500 |
| Cement finishers ¹ | 1.725 | 1.675 | Structural-iron workers..... | 1.850 | 1.650 |
| Electricians (inside wiremen) ¹ | 1.580 | 1.500 | Rodmen..... | 1.850 | 1.650 |
| Elevator constructors ¹ | 1.500 | 1.500 | Tile layers ¹ | 1.725 | 1.675 |
| Glaziers..... | 1.350 | 1.250 | | | |
| Lathers..... | 1.800 | 1.500 | <i>Helpers and laborers</i> | | |
| Marble setters ¹ | 1.725 | 1.675 | Bricklayers' tenders..... | 1.100 | 1.000 |
| Mosaic and terrazzo workers ¹ | 1.725 | 1.675 | Building laborers ¹ | 1.000 | .900 |
| Painters ¹ | 1.350 | 1.250 | Elevator constructors' helpers ¹ | 1.050 | 1.050 |
| Paperhangers..... | 1.350 | 1.150 | Plasterers' laborers..... | 1.100 | 1.000 |
| Plasterers ¹ | 1.725 | 1.675 | | | |

¹ For changes since July 1, 1946, see appendix.

TABLE 13.—Union scales of wages for building trades in 75 cities, July 1, 1946, and July 1, 1945—Continued

YORK, PA.

| Classifications | Rate per hour— | | Classifications | Rate per hour— | |
|--|----------------|--------------|--------------------------------------|----------------|--------------|
| | July 1, 1946 | July 1, 1945 | | July 1, 1946 | July 1, 1945 |
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers ¹ | \$1.725 | \$1.500 | Roofers: | | |
| Boilermakers: | | | Composition..... | \$1.000 | \$1.000 |
| Small work..... | 1.890 | 1.680 | Foremen and mopmen..... | 1.250 | 1.250 |
| Large work..... | 1.890 | 1.680 | Slate and tile..... | 1.250 | 1.250 |
| Bricklayers..... | 1.675 | 1.440 | Sheet-metal workers..... | 1.500 | 1.375 |
| Carpenters..... | 1.300 | 1.150 | Sign painters..... | 1.350 | 1.150 |
| Cement finishers..... | 1.500 | 1.500 | Steam fitters..... | 1.375 | 1.375 |
| Electricians (inside wiremen)..... | 1.500 | 1.350 | Stonemasons..... | 1.675 | 1.440 |
| Engineers—power equipment operators ² | | | Tile layers..... | 1.675 | 1.440 |
| Glaziers..... | 1.100 | 1.100 | | | |
| Machinists..... | 1.890 | 1.680 | <i>Helpers and laborers</i> | | |
| Marble setters..... | 1.675 | 1.440 | Bricklayers' tenders..... | 1.100 | .850 |
| Mosaic and terrazzo workers..... | 1.675 | 1.440 | Building laborers ¹ | .800 | .750 |
| Painters..... | 1.250 | 1.000 | Composition roofers' helpers..... | .750 | .750 |
| Structural iron..... | 1.500 | 1.250 | Marble setters' helpers..... | 1.000 | .850 |
| Spray..... | 1.750 | 1.500 | Plasterers' laborers..... | 1.100 | .850 |
| Paperhangers..... | 1.250 | 1.000 | Plumbers' laborers..... | 1.100 | .750 |
| Plasterers..... | 1.500 | 1.500 | Steam fitters' helpers..... | 1.000 | 1.000 |
| Plumbers..... | 1.375 | 1.375 | Terrazzo workers' helpers..... | 1.000 | .850 |
| | | | Tile layers' helpers..... | 1.000 | 1.000 |

YOUNGSTOWN, OHIO

| | | | | | |
|--|---------|---------|--------------------------------------|---------|---------|
| <i>Journeyman</i> | | | <i>Journeyman—Continued</i> | | |
| Asbestos workers..... | \$1.750 | \$1.625 | Mosaic and terrazzo workers..... | \$1.625 | \$1.500 |
| Bricklayers..... | 2.000 | 1.750 | Painters..... | 1.625 | 1.438 |
| Carpenters..... | 1.750 | 1.475 | Spray..... | 2.050 | 2.050 |
| Millwrights..... | 1.900 | 1.575 | Structural iron and swing stage..... | 1.750 | 1.650 |
| Cement finishers..... | 1.625 | 1.450 | Paperhangers..... | 1.625 | 1.438 |
| Electricians (inside wiremen) ¹ | 1.850 | 1.650 | Plasterers ¹ | 1.875 | 1.750 |
| Elevator constructors..... | 1.855 | 1.710 | Plumbers..... | 1.850 | 1.650 |
| Engineers—power equipment operators: | | | Roofers: | | |
| Air compressors..... | 1.500 | 1.313 | Composition..... | 1.625 | 1.500 |
| Bulldozers..... | 1.625 | 1.438 | Foremen..... | 1.750 | 1.625 |
| Cranes, derricks, and drag-lines..... | 1.938 | 1.750 | Slate and tile..... | 1.625 | 1.500 |
| Graders..... | 1.500 | 1.313 | Sheet-metal workers..... | 1.700 | 1.575 |
| Hoists: | | | Sign painters..... | 1.750 | 1.500 |
| 1 drum..... | 1.625 | 1.313 | Steam fitters..... | 1.850 | 1.650 |
| 1 drum 35 feet or more or 2 drums..... | 1.938 | 1.750 | Stonemasons..... | 2.000 | 1.750 |
| Mixers..... | 1.500 | 1.313 | Structural-iron workers..... | 1.875 | 1.750 |
| Pumps, 4 inches or over..... | 1.500 | 1.313 | Rodmen..... | 1.875 | 1.750 |
| Rollers..... | 1.563 | 1.313 | Tile layers..... | 1.625 | 1.500 |
| Scrapers..... | 1.500 | 1.313 | | | |
| Shovels..... | 1.938 | 1.750 | <i>Helpers and laborers</i> | | |
| Tractors..... | 1.500 | 1.313 | Bricklayers' tenders..... | 1.150 | .925 |
| Glaziers..... | 1.735 | 1.610 | Building laborers ¹ | 1.050 | .825 |
| Lathers..... | 1.875 | 1.750 | Elevator constructors' helpers..... | 1.305 | 1.210 |
| Machinists: | | | Marble setters' helpers..... | 1.250 | 1.000 |
| First class..... | 1.685 | 1.500 | Plasterers' laborers..... | 1.250 | 1.025 |
| Second class..... | 1.500 | 1.315 | Plumbers' laborers..... | 1.175 | .950 |
| Marble setters..... | 1.625 | 1.500 | Terrazzo workers' helpers..... | 1.250 | 1.000 |
| | | | Tile layers' helpers..... | 1.250 | 1.000 |

¹ For changes since July 1, 1946, see appendix.² See Philadelphia, Pa.

TABLE 14.—*Wage changes for the building construction industry between July 1, 1946, and Jan. 15, 1947*

| City and trade | Authorized rate | Effective date | City and trade | Authorized rate | Effective date |
|--------------------------------------|--------------------|------------------|-------------------------------------|--------------------|------------------|
| <i>Atlanta, Ga.</i> | | | <i>Butte, Mont.</i> | | |
| Bricklayers..... | \$1.938 | 8-12-45 | Bricklayers..... | \$2.100 | (¹) |
| Bricklayers..... | 2.000 | (¹) | Electricians (inside wiremen)..... | 2.000 | 7-25-46 |
| Carpenters..... | 1.400 | 7-31-46 | Plumbers..... | 2.250 | 7-25-46 |
| Carpenters..... | 1.500 | (¹) | Steam fitters..... | 2.250 | 7-25-46 |
| Electricians..... | 1.800 | (¹) | Structural-iron workers..... | 1.685 | 11-1-46 |
| Painters..... | 1.400 | (¹) | <i>Charleston, S. C.</i> | | |
| Paperhangers..... | 1.400 | (¹) | Bricklayers..... | 1.750 | (¹) |
| Plasterers..... | 2.000 | (¹) | Carpenters..... | 1.375 | 9-13-46 |
| Plumbers..... | 2.000 | (¹) | Electricians..... | 1.875 | 8-22-46 |
| Stonemasons..... | 1.938 | 8-12-46 | Plasterers..... | 1.750 | (¹) |
| Structural-iron workers..... | 1.750 | 9-24-46 | Structural-iron workers..... | 1.625 | 7-31-46 |
| Rodmen..... | 1.500 | 9-24-46 | Rodmen..... | 1.375 | 7-31-46 |
| Building laborers..... | .850 | (¹) | <i>Charleston, W. Va.</i> | | |
| <i>Baltimore, Md.</i> | | | Carpenters..... | 1.725 | 7-26-46 |
| Bricklayers..... | 2.250 | (¹) | Millwrights..... | 1.850 | 7-26-46 |
| Carpenters..... | 1.775 | 8-1-46 | Electricians (inside wiremen)..... | 1.875 | 8-22-46 |
| Elevator constructors..... | 1.870 | 8-5-46 | Elevator constructors..... | 1.835 | 8-12-46 |
| Plasterers..... | 1.900 | 9-5-46 | Painters..... | 1.600 | 8-12-46 |
| Structural-iron workers..... | 2.000 | 10-28-46 | Paperhangers..... | 1.600 | 8-12-46 |
| Rodmen..... | 1.750 | 10-28-46 | Building laborers..... | 1.000 | (¹) |
| Elevator constructors' helpers..... | 1.310 | 8-5-46 | Elevator constructors' helpers..... | 1.285 | 8-12-46 |
| <i>Binghamton, N. Y.</i> | | | <i>Charlotte, N. C.</i> | | |
| Bricklayers..... | 1.875 | 10-15-46 | Bricklayers..... | 1.750 | (¹) |
| Bricklayers..... | 2.000 | (¹) | Marble setters..... | 1.625 | 10-28-46 |
| Cement finishers..... | 1.875 | 10-15-46 | Mosaic and terrazzo workers..... | 1.625 | 10-28-46 |
| Electricians (inside wiremen)..... | 1.650 | (¹) | Plasterers..... | ¹ 1.625 | 10-14-46 |
| Engineers—power equipment operators: | | | Plasterers..... | 1.750 | (¹) |
| Bulldozers..... | 1.500 | 9-3-46 | Plumbers..... | 1.750 | 7-26-46 |
| Plasterers..... | 1.875 | 10-15-46 | Steam fitters..... | 1.750 | 7-26-46 |
| Plasterers..... | 2.000 | (¹) | Tile layers..... | 1.625 | 10-28-46 |
| Plumbers..... | 1.850 | (¹) | <i>Chicago, Ill.</i> | | |
| <i>Birmingham, Ala.</i> | | | Electricians..... | 2.150 | (¹) |
| Electricians (inside wiremen)..... | 1.875 | 9-13-46 | Elevator constructors..... | 1.975 | 10-7-46 |
| Elevator constructors..... | 1.840 | 9-2-46 | Mosaic and terrazzo workers..... | 1.950 | 7-25-46 |
| Painters..... | 1.750 | (¹) | Painters..... | 1.950 | 7-30-46 |
| Roofers: | | | Paperhangers..... | 1.950 | 7-30-46 |
| Slate and tile..... | 1.600 | 7-26-46 | Elevator constructors' helpers..... | 1.380 | 10-7-46 |
| Building laborers..... | .850 | (¹) | Terrazzo workers' helpers..... | 1.500 | 7-25-46 |
| <i>Boston, Mass.</i> | | | Base-machine operators..... | 1.700 | 7-25-46 |
| Asbestos workers..... | 1.900 | 10-1-46 | <i>Cincinnati, Ohio</i> | | |
| Carpenters..... | 1.750 | (¹) | Asbestos workers..... | 1.775 | 10-15-46 |
| Cement finishers..... | 1.875 | 8-27-46 | Elevator constructors..... | 1.915 | 8-5-46 |
| Elevator constructors..... | 1.920 | 9-2-46 | Marble setters..... | 2.000 | 7-25-46 |
| Lathers..... | 2.000 | 9-12-46 | Plasterers..... | 2.000 | (¹) |
| Plumbers and gas fitters..... | 1.900 | 8-5-46 | Plumbers..... | 1.900 | (¹) |
| Roofers, composition..... | 1.750 | 10-15-46 | Stonemasons..... | 2.000 | 7-25-46 |
| Sheet-metal workers..... | 1.900 | 10-1-46 | Elevator constructors' helpers..... | 1.340 | 8-5-46 |
| Steam fitters..... | 1.900 | 8-5-46 | <i>Cleveland, Ohio</i> | | |
| Bricklayers' tender..... | 1.250 | 9-20-46 | Asbestos workers..... | 1.875 | 7-28-46 |
| Building laborers..... | 1.250 | 9-20-46 | Boilermakers..... | 2.000 | 9-26-46 |
| Composition roofers' helpers..... | 1.300 | 10-15-46 | Bricklayers..... | 2.125 | 7-25-46 |
| Elevator constructors' helpers..... | 1.350 | 9-2-46 | Sewer and caisson..... | 2.375 | 7-25-46 |
| Terrazzo workers' helpers..... | 1.400 | 10-15-46 | Carpenters..... | 1.875 | 8-12-46 |
| <i>Buffalo, N. Y.</i> | | | Carpenters..... | 2.000 | (¹) |
| Electricians (inside wiremen)..... | ² 1.950 | 8-12-46 | Millwrights and floor layers..... | 1.875 | 8-12-46 |
| Electricians (inside wiremen)..... | 2.000 | (¹) | Millwrights and floor layers..... | 2.000 | (¹) |
| Lathers..... | 1.950 | 8-12-46 | Cement finishers..... | 1.825 | 7-25-46 |
| Marble setters..... | 1.950 | 8-12-46 | Electricians (inside wiremen)..... | 2.125 | 8-12-46 |
| Plasterers..... | ² 1.950 | 8-12-46 | | | |
| Plasterers..... | 2.000 | (¹) | | | |
| Terrazzo workers' helpers..... | 1.250 | 8-12-46 | | | |
| Tile layers' helpers..... | 1.250 | 8-12-46 | | | |

¹ Changes effective between Nov. 10, 1946, and Jan. 15, 1947.² Roll-back rates.

TABLE 14.—Wage changes for the building construction industry between July 1, 1946, and Jan. 15, 1947—Continued

| City and trade | Authorized rate | Effective date | City and trade | Authorized rate | Effective date |
|--|-----------------|----------------|---|-----------------|----------------|
| <i>Cleveland, Ohio—Continued</i> | | | <i>Dallas, Tex.</i> | | |
| Engineers—power equipment operators: | | | Bricklayers..... | \$2.000 | 8-29-46 |
| Air compressors: | | | Carpenters..... | 1.625 | 10-23-46 |
| Steel erection..... | \$2.125 | 7-25-46 | Cement finishers..... | 1.650 | 10-23-46 |
| Plant operation..... | 1.875 | 7-25-46 | Electricians (inside wiremen)..... | 1.875 | 9-1-46 |
| Portable..... | 1.550 | 7-25-46 | Engineers—power equipment operators: | | |
| Bulldozers..... | 1.750 | 7-25-46 | Air compressors..... | 1.500 | 8-29-46 |
| Cranes and draglines..... | 2.125 | 7-25-46 | Bulldozers..... | 1.750 | 8-29-46 |
| Derricks..... | 2.125 | 7-25-46 | Cranes, derricks, and draglines..... | 1.750 | 8-29-46 |
| Graders: | | | Graders: | | |
| Power..... | 1.750 | 7-25-46 | Self-propelled..... | 1.750 | 8-29-46 |
| Blade..... | 1.550 | 7-25-46 | Hoists: | | |
| Hoists: | | | 1 drum..... | 1.500 | 8-29-46 |
| High speed..... | 1.875 | 7-25-46 | 2 drums..... | 1.750 | 8-29-46 |
| Hoisting engines..... | 1.750 | 7-25-46 | LeTourneau..... | 1.750 | 8-29-46 |
| Mixers: | | | Mixers: | | |
| 1 bag capacity, with side loaders..... | 1.750 | 7-25-46 | Less than 14 cubic feet..... | 1.500 | 8-29-46 |
| 27E and over..... | 1.875 | 7-25-46 | 14 cubic feet or over..... | 1.750 | 8-29-46 |
| Pumps, over 4-inch capacity discharge..... | 1.750 | 7-25-46 | Pumps (2 or more)..... | 1.500 | 8-29-46 |
| Rollers, asphalt..... | 1.750 | 7-25-46 | Rollers..... | 1.500 | 8-29-46 |
| Scrapers..... | 1.875 | 7-25-46 | Scrapers: | | |
| Shovels..... | 2.125 | 7-25-46 | 3 cubic yards or less..... | 1.500 | 8-29-46 |
| Tractors..... | 1.550 | 7-25-46 | Over 3 cubic yards..... | 1.750 | 8-29-46 |
| Trenching machines..... | 1.875 | 7-25-46 | Shovels..... | 1.750 | 8-29-46 |
| Glaziers..... | 1.875 | 7-25-46 | Tractors..... | 1.750 | 8-29-46 |
| Lathers..... | 2.125 | 7-26-46 | Trenching machines..... | 1.750 | 8-29-46 |
| Marble setters..... | 1.975 | 7-25-46 | Marble setters..... | 1.875 | 7-25-46 |
| Mosaic and terrazzo workers..... | 1.825 | 7-25-46 | Mosaic and terrazzo workers..... | 1.875 | 7-25-46 |
| Painters..... | 1.775 | 8-13-46 | Painters..... | 1.500 | 10-23-46 |
| Structural steel..... | 2.000 | 8-12-46 | Painters..... | 1.625 | (1) |
| Swing stage..... | 1.850 | 8-12-46 | Spray or stage..... | 1.750 | 10-23-46 |
| Paperhangers..... | 1.775 | 8-12-46 | Spray or stage..... | 1.825 | (1) |
| Plasterers..... | 2.125 | 7-25-46 | Plasterers..... | 1.875 | 7-26-46 |
| Plumbers..... | 2.000 | 7-25-46 | Plumbers..... | 1.875 | 7-25-46 |
| Roofers: | | | Roofers: | | |
| Composition..... | 1.875 | 8-1-46 | Composition..... | 1.400 | 10-23-46 |
| Foremen and waterproofers..... | 1.925 | 8-1-46 | Steam fitters..... | 1.875 | 7-25-46 |
| Sheet-metal workers..... | 1.875 | 7-25-46 | Stonemasons..... | 2.000 | 8-29-46 |
| Steam fitters..... | 2.000 | 7-25-46 | Structural-iron workers..... | 1.750 | 8-12-46 |
| Stonemasons..... | 2.125 | 7-25-46 | Rodmen..... | 1.500 | 8-12-46 |
| Structural-iron workers..... | 2.125 | 7-25-46 | Tile layers..... | 1.875 | 7-25-46 |
| Sheeters..... | 2.375 | 7-25-46 | Building laborers..... | 1.900 | 10-23-46 |
| Bucker up..... | 2.250 | 7-25-46 | Plasterers' laborers..... | 1.100 | 10-23-46 |
| Rodmen..... | 2.125 | 7-25-46 | | | |
| Tile layers..... | 1.875 | 8-22-46 | <i>Dayton, Ohio</i> | | |
| Bricklayers' tenders..... | 1.375 | 8-12-46 | Asbestos workers..... | 1.775 | 10-15-46 |
| Building laborers..... | 1.375 | 7-25-46 | Bricklayers..... | 2.100 | (1) |
| Plasterers' laborers..... | 1.375 | 7-25-46 | Engineers—power equipment operators: | | |
| Plumbers' laborers..... | 1.475 | 8-12-46 | Air compressors..... | 1.750 | 9-25-46 |
| Terrazzo workers' helpers..... | 1.375 | 10-14-46 | Bulldozers..... | 1.625 | 9-25-46 |
| Tile layers' helpers..... | 1.350 | 8-12-46 | Cranes and draglines..... | 2.000 | 9-25-46 |
| | | | Derricks..... | 2.000 | 9-25-46 |
| <i>Columbus, Ohio</i> | | | Graders: | | |
| Bricklayers..... | 2.000 | 7-25-46 | Power..... | 1.625 | 9-25-46 |
| Carpenters..... | 1.625 | 8-12-46 | Hoists: | | |
| Carpenters..... | 1.750 | (1) | High speed..... | 1.750 | 9-25-46 |
| Cement finishers..... | 1.625 | 9-17-46 | Hoisting engines..... | 1.625 | 9-25-46 |
| Electricians (inside wiremen)..... | 1.750 | 8-1-46 | Mixers: | | |
| Elevator constructors..... | 1.855 | 8-5-46 | Concrete, with capacity of more than 1 bag or 1 bag capacity with side loaders..... | 1.625 | 9-25-46 |
| Engineers—power equipment operators: | | | Paving 27E and over..... | 1.750 | 9-25-46 |
| Increase for all break-downs..... | 1.125 | 7-25-46 | Pumps, over 4-inch capacity discharge..... | 1.625 | 9-25-46 |
| Lathers..... | 1.875 | 8-1-46 | Rollers, asphalt..... | 1.625 | 9-25-46 |
| Painters..... | 1.550 | 10-14-46 | Scrapers..... | 1.750 | 9-25-46 |
| Structural steel and spray..... | 1.725 | 10-14-46 | Shovels..... | 2.000 | 9-25-46 |
| Plasterers..... | 2.000 | (1) | Trenching machines..... | 1.750 | 9-25-46 |
| Bricklayers' tenders..... | 1.150 | 7-25-46 | Glaziers..... | 1.750 | 11-1-46 |
| Building laborers..... | 1.000 | 7-25-46 | Plumbers..... | 1.775 | 7-1-46 |
| Elevator constructors' helpers..... | 1.300 | 8-5-46 | Plumbers..... | 1.875 | (1) |
| Plasterers' laborers..... | 1.150 | 7-25-46 | Building laborers..... | 1.000 | (1) |

¹ Changes effective between Nov. 10, 1946, and Jan. 15, 1947.

² Roll-back rates.

TABLE 14.—Wage changes for the building construction industry between July 1, 1946, and Jan. 15, 1947—Continued

| City and trade | Authorized rate | Effective date | City and trade | Authorized rate | Effective date |
|--|-----------------|------------------|---------------------------------------|---------------------|------------------|
| <i>Denver, Colo.</i> | | | <i>Grand Rapids, Mich.—Continued</i> | | |
| Stonecutters..... | \$1. 750 | 9-12-46 | Stonemasons..... | \$2. 000 | 7-25-46 |
| Marble setters' helpers..... | 1. 250 | 10-1-46 | Tile layers..... | 1. 750 | 7-26-46 |
| Terrazzo workers' helpers..... | 1. 350 | 7-26-46 | Bricklayers' tenders..... | 1. 150 | 7-25-46 |
| Tile layers' helpers..... | 1. 250 | 10-1-46 | Building laborers..... | 1. 075 | 7-25-46 |
| <i>Des Moines, Iowa</i> | | | Elevator constructors' helpers..... | 1. 240 | 8-26-46 |
| Elevator constructors..... | 1. 750 | 8-1-46 | Plasterers' laborers..... | 1. 200 | 7-25-46 |
| Plumbers..... | 1. 875 | (¹) | <i>Houston, Tex.</i> | | |
| Sheet-metal workers..... | 1. 625 | 10-1-46 | Plasterers..... | 2. 250 | (¹) |
| Elevator constructors' helpers..... | 1. 250 | 8-1-46 | Plumbers..... | 2. 125 | (¹) |
| <i>Detroit, Mich.</i> | | | <i>Indianapolis, Ind.</i> | | |
| Carpenters..... | 1. 825 | 7-25-46 | Asbestos workers..... | 1. 775 | 10-15-46 |
| Lathers..... | 2. 000 | 7-25-46 | Cement finishers..... | 1. 950 | 10-29-46 |
| Painters..... | 1. 750 | (¹) | Electricians (inside wiremen)..... | 1. 850 | 8-15-46 |
| Spray and stage..... | 2. 000 | (¹) | Elevator constructors..... | 1. 860 | 9-30-46 |
| Paperhangers..... | 1. 750 | (¹) | Glaziers..... | 1. 625 | 8-8-46 |
| Plumbers..... | 2. 000 | 7-25-46 | Plasterers..... | 1. 950 | 10-29-46 |
| Bricklayers' tenders..... | 1. 275 | 7-25-46 | Sign painters..... | 1. 750 | 8-22-46 |
| Mortar mixers..... | 1. 350 | 7-25-46 | Building laborers..... | 1. 100 | (¹) |
| Marble setters' helpers..... | 1. 400 | 7-25-46 | Elevator constructors' helpers..... | 1. 300 | 9-30-46 |
| Tile layers' helpers..... | 1. 400 | 9-10-46 | <i>Jackson, Miss.</i> | | |
| <i>Duluth, Minn.</i> | | | Carpenters..... | 1. 375 | 8-12-46 |
| Bricklayers..... | 1. 750 | 7-25-46 | Plumbers..... | 1. 750 | (¹) |
| Electricians..... | 1. 680 | (¹) | Structural-iron workers..... | 1. 750 | 7-30-46 |
| Lathers..... | 1. 725 | 9-18-46 | Rodmen..... | 1. 500 | 7-30-46 |
| Roofers, composition..... | 1. 250 | 8-5-46 | Bricklayers' tenders..... | . 850 | 10-23-46 |
| Foremen..... | 1. 450 | 8-5-46 | Building laborers..... | . 750 | 10-23-46 |
| Stonemasons..... | 1. 750 | 7-25-46 | Building laborers..... | . 800 | (¹) |
| Plasterers' laborers..... | 1. 325 | 9-1-46 | Plasterers' laborers..... | . 850 | 10-23-46 |
| <i>El Paso, Tex.</i> | | | <i>Jacksonville, Fla.</i> | | |
| Carpenters..... | 1. 625 | (¹) | Carpenters..... | 1. 500 | (¹) |
| Plasterers..... | 2. 000 | (¹) | Millwrights and pile drivers..... | 1. 600 | (¹) |
| Plumbers..... | 2. 000 | (¹) | Electricians..... | 1. 875 | (¹) |
| <i>Erie, Pa.</i> | | | <i>Kansas City, Mo.</i> | | |
| Bricklayers..... | 2. 125 | (¹) | Engineers—power equipment operators: | | |
| Electricians (inside wiremen)..... | 1. 625 | 8-1-46 | Bulldozers..... | 1. 750 | 10-18-46 |
| Lathers..... | 1. 850 | 9-16-46 | Graders, elevating..... | 1. 750 | 10-18-46 |
| Plumbers..... | 1. 750 | 7-25-46 | <i>Little Rock, Ark.</i> | | |
| Roofers: | | | Bricklayers..... | 2. 120 | (¹) |
| Composition..... | 1. 425 | 9-16-46 | Carpenters..... | 1. 500 | (¹) |
| Slate and tile..... | 1. 425 | 9-16-46 | Electricians..... | 1. 625 | (¹) |
| Sheet-metal workers..... | 1. 425 | 9-16-46 | Elevator constructors..... | 1. 675 | 9-1-46 |
| Steam fitters..... | 1. 750 | 7-25-46 | Plumbers..... | ² 1. 625 | 8-12-46 |
| <i>Grand Rapids, Mich.</i> | | | Plumbers..... | ¹ 1. 750 | (¹) |
| Bricklayers..... | 2. 000 | 7-25-46 | Steam fitters..... | ¹ 1. 625 | 8-12-46 |
| Carpenters..... | 1. 625 | 7-25-46 | Steam fitters..... | 1. 750 | (¹) |
| Wharf, bridge and millwrights | 1. 625 | 8-12-46 | Building laborers..... | . 750 | (¹) |
| Electricians (inside wiremen)..... | 1. 750 | 8-12-46 | Elevator constructors' helpers..... | 1. 170 | 9-1-46 |
| Electricians (inside wiremen)..... | 2. 000 | (¹) | <i>Los Angeles, Calif.</i> | | |
| Elevator constructors..... | 1. 775 | 8-26-46 | Boilermakers..... | 1. 950 | 10-1-46 |
| Engineers—power equipment operators: | | | Bricklayers..... | 2. 000 | 7-25-46 |
| Cranes, derricks, compressors and all other power driven machinery used in the handling of steel for building and bridges..... | 1. 900 | 9-10-46 | Carpenters..... | 1. 650 | 7-25-46 |
| Marble setters..... | 1. 750 | 7-26-46 | Millwrights..... | 1. 850 | 7-25-46 |
| Mosaic and terrazzo workers..... | 1. 750 | 7-26-46 | Parquetry floor layers..... | 1. 850 | 7-25-46 |
| Painters..... | 1. 375 | 7-26-46 | Wharf and bridge..... | 1. 775 | 7-25-46 |
| Spray and swing stage..... | 1. 625 | 7-26-46 | Cement finishers..... | 1. 775 | 7-25-46 |
| Paperhangers..... | 1. 375 | 7-26-46 | Composition and mastic finishers..... | 1. 900 | 7-25-46 |
| Plumbers..... | 1. 875 | (¹) | Electricians (inside wiremen)..... | 1. 875 | 8-12-46 |
| | | | Electricians (inside wiremen)..... | 2. 000 | (¹) |

¹ Changes effective between Nov. 10, 1946, and Jan. 15, 1947.² Roll-back rate.

TABLE 14.—*Wage changes for the building construction industry between July 1, 1946, and Jan. 15, 1947—Continued*

| City and trade | Authorized rate | Effective date | City and trade | Authorized rate | Effective date |
|---------------------------------------|-----------------|----------------|--|-----------------|----------------|
| <i>Los Angeles, Calif.—Continued</i> | | | <i>Milwaukee, Wis.</i> | | |
| Engineers—power equipment operators: | | | Electricians (inside wiremen)..... | \$1. 675 | 10-30-46 |
| Air compressors..... | \$1. 450 | 7-25-46 | Electricians (inside wiremen)..... | 1. 850 | (1) |
| Bulldozers..... | 1. 750 | 7-25-46 | Residential..... | 1. 675 | 10-30-46 |
| Cranes, derricks, and drag-lines..... | 1. 900 | 7-25-46 | Residential..... | 1. 850 | (1) |
| Graders..... | 1. 575 | 7-25-46 | Engineers—power equipment operators: | | |
| Elevating..... | 1. 825 | 7-25-46 | Air compressors..... | 1. 450 | 9- 7-46 |
| Mixers: | | | Bulldozers..... | 1. 650 | 8-22-46 |
| Paving type..... | 1. 800 | 7-25-46 | Cranes, derricks, and drag-lines..... | 2. 000 | 8-22-46 |
| Skip type..... | 1. 575 | 7-25-46 | Hoists..... | 1. 700 | 8-22-46 |
| Mobile type..... | 1. 800 | 7-25-46 | Mixers, on building..... | 1. 650 | 8-22-46 |
| Pumps..... | 1. 450 | 7-25-46 | When paver is used..... | 1. 850 | 8-22-46 |
| Rollers..... | 1. 650 | 7-25-46 | Pumps..... | 1. 400 | 8-22-46 |
| Scrapers..... | 1. 700 | 7-25-46 | Concrete..... | 1. 850 | 8-22-46 |
| Shovels..... | 1. 900 | 7-25-46 | Scrapers..... | 1. 850 | 8-22-46 |
| Tractors..... | 1. 700 | 7-25-46 | Shovels..... | 2. 000 | 8-22-46 |
| Trenching machines..... | 1. 775 | 7-25-46 | Tractors..... | 1. 650 | 8-22-46 |
| Lathers: | | | Plumbers..... | 1. 850 | (1) |
| Metal..... | 2. 000 | 7-25-46 | Roofers: | | |
| Wood..... | 1. 900 | 7-25-46 | Composition..... | 1. 550 | 7-25-46 |
| Marble setters..... | 1. 800 | 8-21-46 | Built-up roofers..... | 1. 550 | 7-25-46 |
| Mosaic and terrazzo workers..... | 1. 800 | 8-28-46 | Plasterers' laborers..... | 1. 350 | 7-26-46 |
| Plasterers..... | 2. 000 | 7-25-46 | Plumbers' laborers..... | 1. 350 | 10-16-46 |
| Roofers: | | | Sprinkler fitters' helpers..... | 1. 100 | 9-3-46 |
| Composition..... | 1. 600 | 8-12-46 | <i>Minneapolis, Minn.</i> | | |
| Foremen..... | 1. 775 | 8-12-46 | Elevator constructors..... | 1. 800 | 8-26-46 |
| Slate and tile..... | 1. 600 | 8-12-46 | Glaziers..... | 1. 500 | 8-1-46 |
| Steam fitters..... | 2. 000 | 7-25-46 | Painters..... | 1. 650 | (1) |
| Stonemasons..... | 2. 000 | 7-25-46 | Paperhangers..... | 1. 650 | (1) |
| Structural-iron workers..... | 1. 900 | 7-25-46 | Plasterers..... | 1. 900 | (1) |
| Finishers..... | 1. 775 | 7-25-46 | Sprinkler fitters..... | 1. 750 | 9-3-46 |
| Rodmen..... | 1. 775 | 7-25-46 | Elevator constructors' helpers..... | 1. 260 | 8-26-46 |
| Building laborers..... | 1. 150 | 7-25-46 | Sprinkler fitters' helpers..... | 1. 100 | 9-3-46 |
| Plasterers' laborers..... | 1. 700 | 7-25-46 | <i>Mobile, Ala.</i> | | |
| <i>Louisville, Ky.</i> | | | Bricklayers..... | 2. 000 | (1) |
| Asbestos workers..... | 1. 775 | 10-15-46 | Carpenters..... | 1. 625 | (1) |
| Bricklayers..... | 1. 875 | 8-12-46 | File drivers and dock builders..... | 1. 625 | 9-13-46 |
| Bricklayers..... | 2. 000 | (1) | Electricians..... | 1. 750 | (1) |
| Carpenters..... | 1. 700 | (1) | Engineers—power equipment operators: | | |
| Electricians..... | 1. 850 | (1) | Air compressors..... | 1. 500 | 7-4-46 |
| Plasterers..... | 2. 000 | (1) | Graders..... | 1. 500 | 7-4-46 |
| Plumbers..... | 1. 850 | (1) | Mixers, other than central..... | 1. 500 | 7-4-46 |
| Stonemasons..... | 1. 875 | 8-12-46 | Pumps..... | 1. 500 | 7-4-46 |
| <i>Madison, Wis.</i> | | | Rollers, steam and road..... | 1. 500 | 7-4-46 |
| Engineers—power equipment operators: | | | Tractors..... | 1. 500 | 7-4-46 |
| Air compressors..... | 1. 550 | 8-22-46 | All other power equipment operators..... | 1. 750 | 7-4-46 |
| Bulldozers..... | 1. 850 | 8-22-46 | Glaziers..... | 1. 375 | 9-13-46 |
| Glaziers..... | 1. 500 | 10-11-46 | Painters..... | 1. 500 | (1) |
| Sheet-metal workers..... | 1. 600 | 7-25-46 | Roofers: | | |
| Tile layers..... | 1. 625 | 11- 4-46 | Composition..... | 1. 500 | 7-26-46 |
| Bricklayers' tenders..... | 1. 100 | 10-16-46 | Foremen..... | 1. 625 | 7-26-46 |
| Mortar mixers..... | 1. 250 | 10-16-46 | Slate and tile..... | 1. 500 | 7-26-46 |
| Building laborers..... | 1. 100 | 10-16-46 | Bricklayers' tenders..... | . 900 | 7-26-46 |
| <i>Manchester, N. H.</i> | | | Mortar mixers..... | 1. 000 | 7-26-46 |
| Electricians (inside wiremen)..... | 1. 500 | 8-15-46 | Building laborers..... | . 900 | 7-26-46 |
| Plasterers..... | 2. 000 | (1) | Plasterers' laborers..... | . 900 | 7-26-46 |
| Plumbers..... | 1. 750 | (1) | <i>Nashville, Tenn.</i> | | |
| Building laborers..... | 1. 050 | (1) | Bricklayers..... | 2. 000 | (1) |
| <i>Memphis, Tenn.</i> | | | Carpenters..... | 1. 500 | (1) |
| Bricklayers..... | 2. 250 | (1) | Electricians..... | 1. 875 | (1) |
| Electricians..... | 1. 875 | (1) | Marble setters..... | 1. 780 | 9-27-46 |
| Lathers..... | 1. 750 | 7-26-46 | Mosaic and terrazzo workers..... | 1. 750 | 9-27-46 |
| Painters..... | 2. 000 | (1) | Plasterers..... | 2. 250 | (1) |
| Plasterers..... | 2. 250 | (1) | Tile layers..... | 1. 750 | 9-27-46 |
| Plumbers..... | 2. 000 | (1) | | | |
| Structural-iron workers..... | 1. 750 | 10-18-46 | | | |
| Rodmen..... | 1. 625 | 10-18-46 | | | |

1 Changes effective between Nov. 10, 1946, and Jan. 15, 1946.

TABLE 14.—*Wage changes for the building construction industry between July 1, 1946, and Jan. 15, 1947—Continued*

| City and trade | Authorized rate | Effective date | City and trade | Authorized rate | Effective date |
|--------------------------------|-----------------|----------------|--|-----------------|----------------|
| <i>Newark, N. J.</i> | | | <i>Peoria, Ill.</i> | | |
| Bricklayers..... | \$2.500 | (1) | Electricians..... | \$1.875 | (1) |
| Painters..... | 1.990 | 9-1-46 | Engineers—power equipment operators: | | |
| Plasterers..... | 2.500 | (1) | Air compressors..... | 1.800 | 10-8-46 |
| Bricklayers' tenders..... | 1.500 | 7-25-46 | Riveting steel tunnel and caisson..... | 1.600 | 10-8-46 |
| Bricklayers' tenders..... | 1.550 | (1) | Bulldozers..... | 1.800 | 10-8-46 |
| Building laborers..... | 1.500 | 7-25-46 | Cranes, derricks, and draglines..... | 1.800 | 10-8-46 |
| Building laborers..... | 1.550 | (1) | On steel..... | 1.900 | 10-8-46 |
| Plasterers' laborers..... | 1.500 | 7-25-46 | Graders: | | |
| Plasterers' laborers..... | 1.550 | (1) | Form..... | 1.500 | 10-8-46 |
| <i>New Haven, Conn.</i> | | | Elevating..... | 1.800 | 10-8-46 |
| Bricklayers..... | 2.000 | (1) | Hoists, 2 or more drums..... | 1.800 | 10-8-46 |
| Carpenters..... | 1.625 | 7-25-46 | LeTourneau, steel..... | 1.900 | 10-8-46 |
| Painters..... | 1.625 | 7-25-46 | Mixers: | | |
| Plasterers..... | 2.000 | (1) | Under 3 bags..... | 1.580 | 10-8-46 |
| Plumbers..... | 1.750 | 10-22-46 | 3 bag to 21E capacity..... | 1.600 | 10-8-46 |
| Steam fitters..... | 1.750 | 10-22-46 | Paving, 21E and larger..... | 1.800 | 10-8-46 |
| Bricklayers' tenders..... | 1.175 | 8-22-46 | Pumps: | | |
| Building laborers..... | 1.175 | 8-22-46 | Water..... | 1.580 | 10-8-46 |
| Marble setters' helpers..... | 1.175 | 8-22-46 | Concrete..... | 1.800 | 10-8-46 |
| Plasterers' laborers..... | 1.175 | 8-22-46 | Rollers: | | |
| Terrazzo workers' helpers..... | 1.175 | 8-22-46 | On asphalt or brick..... | 1.800 | 10-8-46 |
| Tile layers' helpers..... | 1.175 | 8-22-46 | On earth, 5 tons or less..... | 1.500 | 10-8-46 |
| <i>New Orleans, La.</i> | | | Scrapers..... | 1.800 | 10-8-46 |
| Bricklayers..... | 1.938 | 11-1-46 | Shovels..... | 1.800 | 10-8-46 |
| Olatiers..... | 1.463 | 8-29-46 | Tractors, straight cats..... | 1.450 | 10-8-46 |
| Marble setters..... | 1.938 | 11-1-46 | Trenching machines..... | 1.800 | 10-8-46 |
| Plumbers..... | 1.875 | (1) | <i>Philadelphia, Pa.</i> | | |
| Sheet-metal workers..... | 1.600 | 10-1-46 | Electricians (inside wiremen)..... | 2.125 | 9-1-46 |
| Stonemasons..... | 1.938 | 11-1-46 | Electricians..... | 2.250 | (1) |
| <i>New York, N. Y.</i> | | | Machinists..... | 1.875 | 10-21-46 |
| Bricklayers..... | 2.500 | (1) | Marble setters..... | 1.900 | 8-1-46 |
| Carpenters..... | 2.500 | (1) | Plasterers..... | 2.250 | 8-8-46 |
| Electricians..... | 2.250 | (1) | Structural-iron workers: | | |
| Lathers..... | 2.250 | 9-13-46 | Rodmen..... | 1.800 | 7-25-46 |
| Painters..... | 2.000 | 9-1-46 | Riggers and machinery movers..... | 1.800 | 7-25-46 |
| Plasterers..... | 2.500 | (1) | Marble setters' helpers..... | 1.300 | 8-1-46 |
| Plasterers' laborers..... | 1.670 | 10-29-46 | Plasterers' laborers..... | 1.525 | 9-4-46 |
| <i>Norfolk, Va.</i> | | | <i>Phoenix, Ariz.</i> | | |
| Bricklayers..... | 1.875 | 8-12-46 | Boilermakers..... | 1.950 | 10-1-46 |
| Carpenters..... | 1.375 | 7-26-46 | Carpenters..... | 1.775 | (1) |
| Carpenters..... | 1.500 | (1) | Electricians (inside wiremen)..... | 1.750 | 10-14-46 |
| Electricians..... | 1.800 | (1) | Plumbers..... | 2.000 | (1) |
| Lathers..... | 1.750 | 10-14-46 | Building laborers..... | 1.150 | (1) |
| Plasterers..... | 1.750 | 9-3-46 | <i>Pittsburgh, Pa.</i> | | |
| Plumbers..... | 1.750 | 8-23-46 | Cement finishers..... | 2.000 | 7-25-46 |
| Steam fitters..... | 1.750 | 8-23-46 | Engineers—power equipment operators: | | |
| Stonemasons..... | 1.875 | 8-12-46 | Air compressors..... | 2.050 | 7-25-46 |
| Structural-iron workers..... | 1.875 | 8-12-46 | Bulldozers..... | 2.050 | 7-25-46 |
| <i>Oklahoma City, Okla.</i> | | | Cranes, derricks, and draglines..... | 2.150 | 7-25-46 |
| Carpenters..... | 1.675 | (1) | Graders: | | |
| Electricians..... | 1.875 | (1) | Road..... | 2.050 | 7-25-46 |
| Plasterers..... | 2.250 | (1) | Elevating..... | 2.150 | 7-25-46 |
| Plumbers..... | 1.875 | (1) | Hoists: | | |
| Building laborers..... | .975 | (1) | 1 drum..... | 2.050 | 7-25-46 |
| <i>Omaha, Nebr.</i> | | | 2 drums..... | 2.150 | 7-25-46 |
| Electricians..... | 1.825 | (1) | LeTourneau..... | 2.150 | 7-25-46 |
| Bricklayers' tenders..... | 1.050 | 7-25-46 | Concrete: | | |
| Hod carriers..... | 1.050 | 7-25-46 | Mixers..... | 2.050 | 7-25-46 |
| Building laborers..... | 1.050 | (1) | Paving..... | 2.150 | 7-25-46 |
| Plasterers' laborers..... | 1.050 | 7-25-46 | | | |

¹ Changes effective between Nov. 10, 1946, and Jan. 15, 1947.

² Roll-back rates.

TABLE 14.—*Wage changes for the building construction industry between July 1, 1946, and Jan. 15, 1947—Continued*

| City and trade | Authorized rate | Effective date | City and trade | Authorized rate | Effective date |
|---|-----------------|----------------|---------------------------------------|-----------------|----------------|
| <i>Pittsburgh, Pa.—Continued</i> | | | <i>Rochester, N. Y.</i> | | |
| Engineers—power equipment operators—Continued | | | Carpenters..... | \$1.910 | (1) |
| Pumps..... | \$2.050 | 7-25-46 | Electricians..... | 1.985 | (1) |
| Rollers..... | 2.050 | 7-25-46 | Marble setters..... | 1.820 | 9-3-46 |
| Shovels..... | 2.150 | 7-25-46 | Mosaic and terrazzo workers..... | 1.820 | 9-3-46 |
| Tractors..... | 2.050 | 7-25-46 | Plumbers and gas fitters..... | 1.875 | 9-3-46 |
| Trenching machines..... | 2.150 | 7-25-46 | Plumbers..... | 1.900 | (1) |
| Plumbers and gas fitters..... | 2.000 | 7-26-46 | Steam fitters..... | 1.875 | 9-3-46 |
| Steam fitters..... | 2.000 | 9-4-46 | Stonemasons..... | 1.960 | 9-1-46 |
| Stonemasons..... | 2.000 | 7-26-46 | Structural-iron workers..... | 2.000 | 7-29-46 |
| Structural-iron workers..... | 2.000 | 7-25-46 | Rodmen..... | 2.000 | 7-29-46 |
| Rodmen..... | 2.000 | 7-25-46 | Tile layers..... | 1.820 | 9-3-46 |
| Tile layers..... | 1.750 | 7-25-46 | Building laborers..... | 1.800 | (1) |
| Tile layers' helpers..... | 1.170 | 7-25-46 | | | |
| <i>Portland, Maine</i> | | | <i>Rock Island, Ill.</i> | | |
| Bricklayers..... | \$1.775 | 8-12-46 | Elevator constructors..... | 1.790 | 8-23-46 |
| Cement finishers..... | \$1.775 | 8-12-46 | Painters..... | 1.625 | 7-29-46 |
| Plasterers..... | 1.750 | (1) | Paperhangers..... | 1.625 | 7-29-46 |
| Stonemasons..... | \$1.775 | 8-12-46 | Plasterers..... | 2.000 | (1) |
| Tile layers..... | \$1.775 | 8-12-46 | Plumbers..... | 1.750 | 7-26-46 |
| | | | Steam fitters..... | 1.750 | 7-26-46 |
| <i>Portland, Ore.</i> | | | Elevator constructors' helpers..... | 1.250 | 8-23-46 |
| Asbestos workers..... | 1.875 | 7-26-46 | | | |
| Boilermakers..... | 1.950 | 10-1-46 | <i>St. Louis, Mo.</i> | | |
| Bricklayers..... | 2.100 | (1) | Bricklayers..... | 2.250 | (1) |
| Carpenters..... | 1.750 | (1) | Carpenters..... | 1.950 | (1) |
| Electricians..... | 1.800 | (1) | Electricians (inside wiremen)..... | 2.000 | 8-1-46 |
| Elevator constructors..... | 1.815 | 7-8-46 | Electricians (inside wiremen)..... | 2.250 | (1) |
| Marble setters..... | 1.775 | 8-12-46 | Painters..... | 1.800 | (1) |
| Plumbers..... | 2.125 | (1) | Spray..... | 1.900 | 7-25-46 |
| Building laborers..... | 1.350 | (1) | Plasterers..... | 2.050 | 9-3-46 |
| Elevator constructors' helpers..... | 1.270 | 7-8-46 | Plasterers..... | 2.250 | (1) |
| | | | Plumbers..... | 1.875 | 8-31-46 |
| <i>Providence, R. I.</i> | | | Plumbers..... | 2.050 | (1) |
| Elevator constructors..... | 1.740 | 7-15-46 | Tile layers..... | 1.875 | 9-5-46 |
| Glaziers..... | 1.400 | 10-25-46 | Bricklayers' tenders..... | 1.375 | 8-12-46 |
| Marble setters..... | 1.750 | 10-25-46 | Tile layers' helpers..... | 1.250 | 10-22-46 |
| Mosaic and terrazzo workers..... | 1.750 | 10-25-46 | | | |
| Plasterers..... | 2.000 | (1) | <i>St. Paul, Minn.</i> | | |
| Structural-iron workers..... | 1.875 | 10-15-46 | Painters..... | 1.650 | (1) |
| Rodmen..... | 1.875 | 10-15-46 | Sprinkler fitters..... | 1.750 | 9-3-46 |
| Tile layers..... | 1.750 | 10-25-46 | Sprinkler fitters' helpers..... | 1.100 | 9-3-46 |
| Elevator constructors' helpers..... | 1.220 | 7-15-46 | | | |
| <i>Reading, Pa.</i> | | | <i>Salt Lake City, Utah</i> | | |
| Bricklayers..... | 2.000 | (1) | Boilermakers..... | 1.950 | 10-1-46 |
| Carpenters..... | 1.575 | 9-4-46 | Bricklayers..... | 1.875 | 11-5-46 |
| Carpenters..... | 1.600 | (1) | Electricians (inside wiremen)..... | 1.625 | 8-12-46 |
| Electricians..... | 1.750 | (1) | Electricians..... | 1.680 | (1) |
| Elevator constructors..... | 1.720 | 9-9-46 | Engineers—power equipment operators: | | |
| Tile layers..... | 1.750 | 9-1-46 | Air compressors..... | 1.375 | 7-26-46 |
| Elevator constructors' helpers..... | 1.200 | 9-9-46 | Bulldozers..... | 1.625 | 7-26-46 |
| | | | Cranes, derricks, and drag lines..... | 1.775 | 7-26-46 |
| <i>Richmond, Va.</i> | | | Graders, elevating..... | 1.625 | 7-26-46 |
| Carpenters..... | 1.375 | 9-17-46 | Holsts, 1 drum..... | 1.500 | 7-26-46 |
| Carpenters..... | 1.500 | (1) | LeTourneau: | | |
| Cement finishers..... | 1.625 | 9-15-46 | Model super C..... | 1.625 | 7-26-46 |
| Lathers..... | 1.750 | 9-20-46 | Larger than super C..... | 1.750 | 7-26-46 |
| Marble setters..... | 1.750 | 9-18-46 | Mixers: | | |
| Mosaic and terrazzo workers..... | 1.625 | 9-18-46 | Skip type..... | 1.375 | 7-26-46 |
| Painters..... | 1.400 | (1) | Paving type..... | 1.625 | 7-26-46 |
| Plasterers..... | 1.750 | 9-1-46 | Pumps..... | 1.375 | 7-26-46 |
| Plasterers..... | 2.000 | (1) | Rollers..... | 1.625 | 7-26-46 |
| Plumbers..... | 1.750 | 8-23-46 | Scrapers up to 14 yards..... | 1.625 | 7-26-46 |
| Sheet-metal workers..... | 1.500 | 8-23-46 | Scrapers 14 yards or over..... | 1.750 | 7-26-46 |
| Steam fitters..... | 1.750 | 8-23-46 | Shovels..... | 1.775 | 7-26-46 |
| Structural-iron workers..... | 1.875 | 10-28-46 | Tractors..... | 1.625 | 7-26-46 |
| Rodmen..... | 1.625 | 10-28-46 | Trenching machines..... | 1.625 | 7-26-46 |
| Tile layers..... | 1.625 | 9-8-46 | Painters..... | 1.500 | 7-25-46 |
| | | | Swing stage..... | 1.625 | 7-25-46 |
| | | | Steel..... | 1.625 | 7-25-46 |

1 Change effective between Nov. 10, 1946, and Jan. 15, 1947.

2 Roll-back rates.

TABLE 14.—*Wage changes for the building construction industry between July 1, 1946, and Jan. 15, 1947—Continued*

| City and trade | Authorized rate | Effective date | City and trade | Authorized rate | Effective date |
|---------------------------------------|-----------------|----------------|-------------------------------------|-----------------|----------------|
| <i>Salt Lake City, Utah—Continued</i> | | | <i>Spokane, Wash.</i> | | |
| Paperhangers..... | \$1.500 | 7-25-46 | Boilermakers..... | \$1.950 | 10-1-46 |
| Plasterers..... | 2.000 | (1) | Bricklayers..... | 2.000 | 7-25-46 |
| Plumbers..... | 1.750 | 11-5-46 | Bricklayers..... | 2.250 | (1) |
| Steam fitters..... | 1.750 | 11-5-46 | Carpenters..... | 1.650 | 9-12-46 |
| Bricklayers' tenders..... | 1.375 | 7-25-46 | Painters..... | 1.650 | 7-25-46 |
| Building laborers..... | 1.000 | 7-25-46 | Spray..... | 2.000 | 7-25-46 |
| Plasterers' laborers..... | 1.525 | 7-25-46 | Steel..... | 2.000 | 7-25-46 |
| Plumbers' laborers (pipe layers)..... | 1.125 | 7-25-46 | Plasterers..... | 2.000 | 8-12-46 |
| <i>San Antonio, Tex.</i> | | | Plasterers..... | 2.100 | (1) |
| Carpenters..... | 1.500 | 10-22-46 | Plumbers..... | 2.200 | (1) |
| Carpenters..... | 1.625 | (1) | Stonemasons..... | 2.000 | 7-25-46 |
| Cement finishers..... | 1.625 | 7-26-46 | Plasterers' laborers..... | 1.550 | 8-12-46 |
| Electricians (inside wiremen)..... | 1.750 | 8-6-46 | <i>Springfield, Mass.</i> | | |
| Marble setters..... | 1.750 | 10-24-46 | Elevator constructors..... | 1.840 | 7-29-46 |
| Mosaic and terrazzo workers..... | 1.750 | 10-23-46 | Painters..... | 1.625 | 9-1-46 |
| Painters..... | 1.500 | (1) | Paperhangers..... | 1.625 | 9-1-46 |
| Plasterers..... | 1.875 | 7-26-46 | Plumbers and gas fitters..... | 1.750 | 9-25-46 |
| Plasterers..... | 2.250 | (1) | Steam fitters..... | 1.750 | 9-25-46 |
| Plumbers..... | 2.000 | (1) | Elevator constructors' helpers..... | 1.290 | 7-29-46 |
| Roofers: | | | <i>Tampa, Fla.</i> | | |
| Composition..... | 1.250 | 9-11-46 | Carpenters..... | 1.440 | 7-25-46 |
| Slate and tile..... | 1.375 | 9-11-46 | Electricians..... | 1.750 | (1) |
| Tile layers..... | 1.750 | 10-23-46 | Glaziers..... | 1.375 | 8-12-46 |
| Bricklayers' tenders..... | 1.000 | 10-25-46 | Plumbers..... | 1.750 | (1) |
| Mortar mixers..... | 1.000 | 10-25-46 | <i>Toledo, Ohio</i> | | |
| Building laborers..... | .750 | 10-25-46 | Elevator constructors..... | 1.975 | 9-22-46 |
| Plasterers' laborers..... | 1.000 | 10-25-46 | Plumbers..... | 1.940 | (1) |
| Plumbers' laborers..... | .800 | 10-25-46 | Roofers: | | |
| <i>San Francisco, Calif.</i> | | | Composition..... | 1.725 | 8-7-46 |
| Boilermakers..... | 1.950 | 10-1-46 | Build-up moppers..... | 1.725 | 8-7-46 |
| Bricklayers..... | 2.250 | (1) | Build-up rollers or house | | |
| Electricians..... | 2.000 | (1) | roofers..... | 1.725 | 8-7-46 |
| Plasterers..... | 2.250 | (1) | Slate and tile..... | 1.725 | 8-7-46 |
| Plumbers..... | 2.000 | (1) | Tile layers..... | 1.875 | 11-1-46 |
| <i>Scranton, Pa.</i> | | | Bricklayers' tenders..... | 1.295 | 7-25-46 |
| Asbestos workers..... | 1.750 | 8-20-46 | Mortar mixer..... | 1.295 | 7-25-46 |
| Bricklayers..... | 1.875 | 10-21-46 | Building laborers..... | 1.175 | 7-25-46 |
| Cement finishers..... | 1.575 | 8-1-46 | Elevator constructors' helpers..... | 1.380 | 9-22-46 |
| Marble setters..... | 1.750 | 10-21-46 | Marble setters' helpers..... | 1.250 | 9-6-46 |
| Mosaic and terrazzo workers..... | 1.750 | 10-21-46 | Plasterers' laborers..... | 1.345 | 7-25-46 |
| Painters..... | 1.500 | (1) | Terrazzo workers' helpers..... | 1.250 | 9-6-46 |
| Plasterers..... | 1.875 | 8-1-46 | Tile layers' helpers..... | 1.250 | 9-6-46 |
| Plumbers..... | 1.750 | (1) | <i>Washington, D. C.</i> | | |
| Stonemasons..... | 1.875 | 10-21-46 | Electricians..... | 2.250 | (1) |
| Tile layers..... | 1.750 | 10-21-46 | Lathers..... | 2.000 | 10-25-46 |
| <i>Seattle, Wash.</i> | | | Painters: | | |
| Boilermakers..... | 1.950 | 10-1-46 | Bridge, structural steel and | | |
| Bricklayers..... | 2.105 | (1) | spray..... | 2.250 | 7-25-46 |
| Carpenters..... | 1.805 | (1) | Plasterers..... | 2.125 | 8-12-46 |
| Electricians..... | 2.005 | (1) | Plasterers..... | 2.250 | (1) |
| Painters..... | 1.805 | (1) | Residential..... | 2.125 | 8-12-46 |
| Plasterers..... | 2.105 | (1) | Plumbers and gas fitters..... | 2.000 | 9-1-46 |
| Plumbers..... | 2.200 | (1) | Plumbers..... | 2.125 | (1) |
| Building laborers..... | 1.405 | (1) | Sheet-metal workers..... | 2.000 | 7-25-46 |
| <i>South Bend, Ind.</i> | | | Steam fitters..... | 2.125 | 10-11-46 |
| Asbestos workers..... | 1.775 | 10-15-46 | <i>Wichita, Kans.</i> | | |
| Elevator constructors'..... | 1.825 | 7-22-46 | Bricklayers..... | 2.000 | (1) |
| Plasterers..... | 2.000 | (1) | Carpenters..... | 1.450 | 9-27-46 |
| Elevator constructors' helpers..... | 1.280 | 7-22-46 | Carpenters..... | 1.963 | (1) |
| | | | Plasterers..... | 1.875 | (1) |
| | | | Plumbers..... | 1.875 | (1) |
| | | | Structural-iron workers..... | 1.625 | 10-22-46 |
| | | | Rodmen..... | 1.375 | 10-22-46 |
| | | | Building laborers..... | 1.000 | (1) |

¹ Change effective between Nov. 10, 1946, and Jan. 15, 1947.

TABLE 14.—Wage changes for the building construction industry between July 1, 1946, and Jan. 15, 1947—Continued

| City and trade | Authorized rate | Effective date | City and trade | Authorized rate | Effective date |
|------------------------------------|-----------------|------------------|------------------------------------|-----------------|------------------|
| <i>Worcester, Mass.</i> | | | <i>York, Pa.</i> | | |
| Bricklayers..... | \$1.995 | 8-1-46 | Asbestos workers..... | \$2.000 | 11-4-46 |
| Carpenters..... | 1.625 | (¹) | Elevator constructors..... | 1.625 | 7-10-46 |
| Cement finishers..... | 1.995 | 8-1-46 | Plumbers..... | 1.500 | (¹) |
| Electricians (inside wiremen).... | 1.625 | 8-12-46 | Building laborers..... | .900 | (¹) |
| Electricians..... | 1.750 | (¹) | Elevator constructors' helpers.... | 1.140 | 7-10-46 |
| Elevator constructors..... | 1.740 | 7-22-46 | <i>Youngstown, Ohio</i> | | |
| Marble setters..... | 1.875 | 8-1-46 | Boilermakers..... | 2.000 | 9-26-46 |
| Mosaic and terrazzo workers.... | 1.875 | 8-1-46 | Electricians..... | 2.000 | (¹) |
| Painters..... | 1.500 | (¹) | Plasterers..... | 2.000 | (¹) |
| Plasterers..... | 1.995 | 8-1-46 | Building laborers..... | 1.200 | (¹) |
| Plumbers..... | 1.850 | (¹) | | | |
| Stonemasons..... | 1.995 | 8-1-46 | | | |
| Tile layers..... | 1.875 | 8-1-46 | | | |
| Building laborers..... | 1.100 | (¹) | | | |
| Elevator constructors' helpers.... | 1.220 | 7-22-46 | | | |

¹ Changes effective between Nov. 10, 1946, and Jan. 15, 1947.