

UNITED STATES DEPARTMENT OF LABOR

L. B. Schwellenbach, *Secretary*

BUREAU OF LABOR STATISTICS

A. F. Hinrichs, *Acting Commissioner*

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Union Wages and Hours in  
the Building Trades  
July 1, 1945



*Bulletin No. 862*

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## Letter of Transmittal

U. S. DEPARTMENT OF LABOR,  
BUREAU OF LABOR STATISTICS,  
Washington, D. C., February 28, 1946.

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, 1945.

This report was prepared in the Bureau's Wage Analysis Branch by James P. Corkery, Herbert M. Abowitz, and Annette V. Simi under the direction of Donald H. Gerrish.

A. F. HINRICHS, *Acting Commissioner.*

Hon. L. B. SCHWELLENBACH,  
*Secretary of Labor.*

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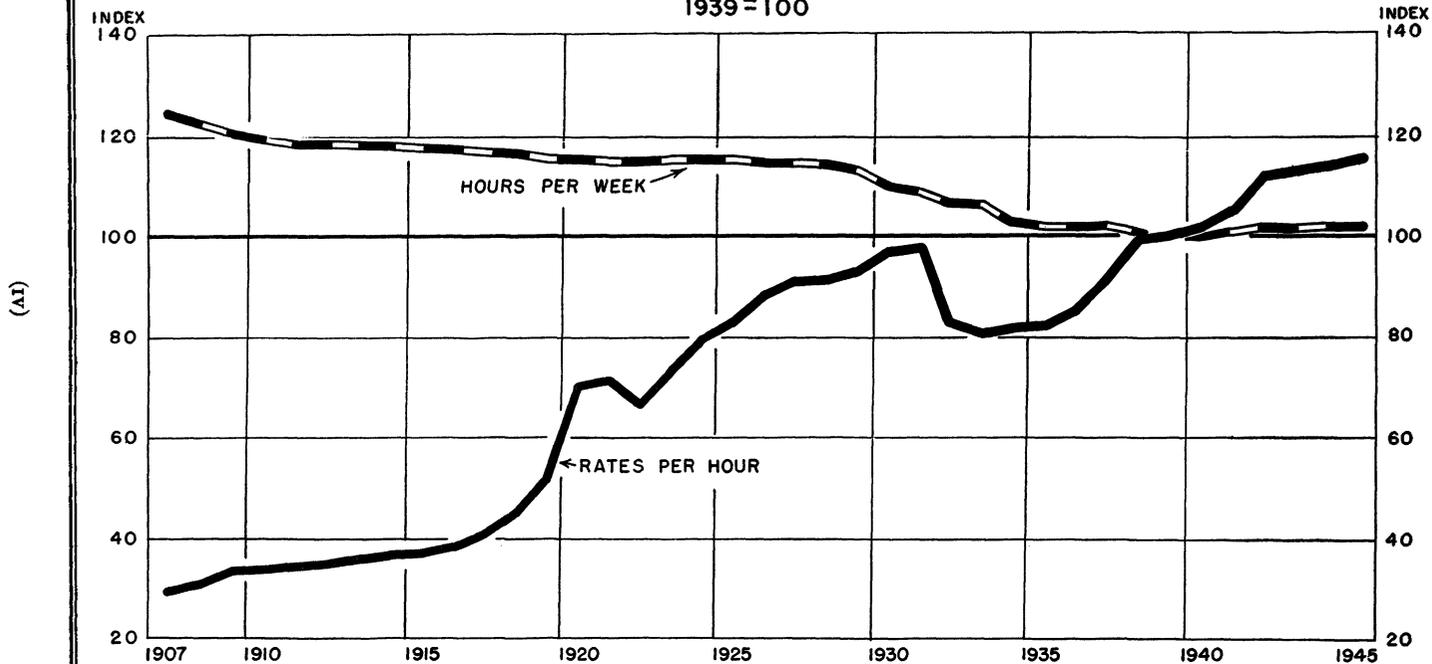
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CHART I

# UNION WAGE RATES AND HOURS IN BUILDING TRADES

1939 = 100



UNITED STATES DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

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**Union Wages and Hours in the Building Trades,  
July 1, 1945<sup>1</sup>**

*Summary*

**HOURLY** wage rates for organized building-trades journeymen in the 75 cities surveyed averaged \$1.615 on July 1, 1945, an advance of 1.8 percent since July 1, 1944; helpers and laborers averaged \$0.997, a 4.7-percent increase. For both groups combined, hourly wage rates averaged \$1.512, a gain of 2.1 percent. About 3 out of every 10 journeymen and almost half of the helpers and laborers realized gains in basic rates, with four-fifths reporting raises of less than 10 percent. A majority of the journeymen had hourly rates ranging from \$1.50 to \$1.80, while a similar proportion of helpers and laborers were paid between \$1.00 and \$1.30.

Among journeymen, bricklayers recorded the highest average rate (\$1.814) and composition roofers the lowest (\$1.465). The highest individual rate reported (\$2.657) covered outdoor-advertising sign painters in New York City; the lowest rate noted (\$0.500) covered building laborers in Charleston, S. C.

The average straight-time workweek for journeymen was 39.8 hours and for helpers and laborers it was 40.0 hours. Time and a half for overtime was virtually standard throughout the industry, owing to wartime agreements.

*Scope and Method of Study*

Union wage scales in various industries have been the subject of annual studies made by the Bureau of Labor Statistics since 1907. The original studies included 39 cities; the scope has been gradually increased and the current report covers 75 cities ranging in size from 40,000 to over 1,000,000.<sup>1</sup> For many years the data were collected as of May 15. The survey date was advanced to June 1 in 1939 and then to July 1 in 1942. The latest change was made so that the survey date would coincide with the effective date of the national agreement<sup>2</sup> stabilizing wages in the construction industry.

Field representatives working from the regional offices of the Bureau called on union officials and contractors in 75 cities and obtained the wage and hour scales specified in collective-bargaining agreements effective July 1, 1945. The Bureau obtained in this manner 2,679 quotations of scales covering 472,607 union members, of whom 78,890 were helpers and laborers.

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See footnotes 1 and 2 on page 2.

The data in this study were based on effective union scales. A union scale may be defined as a minimum wage rate or maximum schedule of hours agreed upon through collective bargaining between employers and trade-unions. Scales in excess of the agreed minimum may be paid to union members because of long service, for special qualifications, or for personal or other reasons. These premium rates were not used in the preparation of this report.

The various averages appearing in this report were based on union scales weighted by the number of union members actually employed or immediately available for employment in the building-construction industry at each individual scale. Those union members who were in the armed forces, in shipbuilding, or in some other type of war work apart from the building-construction industry were excluded, even though they were considered to be active members of the local building-trades union.

The Bureau has computed an index series (1939=100) to measure changes in scales from year to year. Annual percentage change is computed from aggregates of the quotations of unions which furnished reports for identical classifications in two consecutive years. The membership weights in both of the aggregates used for each year-to-year comparison were those reported for the second year. The total of the current aggregates was then divided by the total of the previous year's aggregates; the ratio so obtained was multiplied by the previous year's index number; the result was the current index number. The index numbers were constructed on this basis in order to minimize the influence of shifts in union membership which might obscure the real changes in wages and hours.

<sup>1</sup> The following are the cities covered. The numerals indicate the population group in which the city is included in tables 7 and 8.

#### *North and Pacific*

Baltimore, Md. II.	Indianapolis, Ind. III.	Reading, Pa. IV.
Binghamton, N. Y. V.	Kansas City, Mo. III.	Rochester, N. Y. III.
Boston, Mass. II.	Los Angeles, Calif. I.	Rock Island (Ill.) district. IV.
Buffalo, N. Y. II.	Madison, Wis. V.	St. Louis, Mo. II.
Butte, Mont. V.	Manchester, N. H. V.	St. Paul, Minn. III.
Charleston, W. Va. V.	Milwaukee, Wis. II.	Salt Lake City, Utah. IV.
Chicago, Ill. I.	Minneapolis, Minn. III.	San Francisco, Calif. II.
Cincinnati, Ohio. III.	Moline, Ill., included in Rock Island (Ill.) district.	Scranton, Pa. IV.
Cleveland, Ohio. II.	Newark, N. J. III.	Seattle, Wash. III.
Columbus, Ohio. III.	New Haven, Conn. IV.	South Bend, Ind. IV.
Davenport, Iowa, included in Rock Island (Ill.) district.	New York, N. Y. I.	Spokane, Wash. IV.
Dayton, Ohio. IV.	Omaha, Neb. IV.	Springfield, Mass. IV.
Denver, Colo. III.	Peoria, Ill. IV.	Toledo, Ohio. III.
Des Moines, Iowa. IV.	Philadelphia, Pa. I.	Washington, D. C. II.
Detroit, Mich. I.	Pittsburgh, Pa. II.	Wichita, Kans. IV.
Duluth, Minn. IV.	Portland, Maine. V.	Worcester, Mass. IV.
Erie, Pa. IV.	Portland, Oreg. III.	York, Pa. V.
Grand Rapids, Mich. IV.	Providence, R. I. III.	Youngstown, Ohio. IV.

#### *South and Southwest*

Atlanta, Ga. III.	Jackson, Miss. V.	New Orleans, La. III.
Birmingham, Ala. III.	Jacksonville, Fla. IV.	Norfolk, Va. IV.
Charleston, S. C. V.	Little Rock, Ark. V.	Oklahoma City, Okla. IV.
Charlotte, N. C. IV.	Louisville, Ky. III.	Phoenix, Ariz. V.
Dallas, Tex. III.	Memphis, Tenn. III.	Richmond, Va. IV.
El Paso, Tex. V.	Mobile, Ala. V.	San Antonio, Tex. III.
Houston, Tex. III.	Nashville, Tenn. IV.	Tampa, Fla. IV.

<sup>2</sup> The contracting agencies of the United States Government and the Building Trades Department of the A. F. of L. agreed that on all war-construction work in continental United States the wages paid under collective-bargaining agreements as of July 1, 1942, should remain in full force and effect for a period of at least 1 year, subject to annual renewal for the duration of the war. All renewals were to contain the rates paid as of July 1, 1942, unless specifically declared otherwise by an especially established Wage Adjustment Board, composed of representatives from the building-trades unions and the contracting agencies of the United States, with the Assistant Secretary of Labor acting as chairman. In September 1943, the Wage Adjustment Board was reconstituted as a tripartite body and was given authority by the National War Labor Board to approve or disapprove wage adjustments in private construction work also, in line with the national wage-stabilization policy.

This index series, rather than the actual averages of rates in this report and previous reports, should be used to determine the trend of hourly wage rates. Changes in coverage and shifts in union membership distort a direct comparison of average rates in two periods. The percent of change shown in table 6, which is also a figure derived by the use of constant second-year weights, should be used in determining the trend in individual cities.

### Union Hourly Wage Rates

#### TREND OF UNION WAGE RATES, 1907-45

The index of union hourly wage rates for building-trades workers rose to 116.0 on July 1, 1945, an average increase of 2.1 percent since July 1, 1944 (table 1). The increase averaged 1.8 percent for journeymen and 4.7 percent for helpers and laborers.

The rise in the index covering the 5-year period during World War II (1940-45) indicates an average increase of 13 percent for journeymen, 23 percent for helpers and laborers, and 14 percent for the groups combined, in contrast with the 5-year period during World War I (1914-19) when increases in rates for journeymen averaged 39 percent, for helpers and laborers 54 percent, and for all building-trades workers 41 percent.

TABLE 1.—Indexes of Union Hourly Wage Rates in All Building Trades, 1907-45

[1939=100]

Year	All trades	Journey- men	Helpers and laborers	Year	All trades	Journey- men	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				

*Journeymen.*—With the exception of granite and stone cutters, all of the 27 journeyman trades for which individual indexes have been computed reflect increases in wage rates between July 1, 1944, and July 1, 1945 (table 2). However, the increases for machinists were so slight that they did not affect the index number. Among those receiving the highest average increases were marble setters (3.7 percent) followed closely by steam and sprinkler fitters (3.5 percent) and tile layers (3.3 percent).

For individual journeyman trades, during the 5-year period 1940-45, wage rate advances ranged from an average of 7 percent for plasterers

to 18 percent for granite cutters. Composition roofers and sheet-metal workers received a 16-percent increase during this period while marble setters and mosaic and terrazzo workers had had increases of 8 and 9 percent, respectively. For all other trades the increases ranged from 10 to 15 percent.

By comparison with the experience during World War I, the gains during recent years were moderate. Between 1914 and 1919, indexes for 20 individual journeyman trades showed gains ranging from 7 percent for cement finishers to 53 percent for granite cutters. Average increases from 30 to 40 percent were recorded for 10 trades, and from 40 to 50 percent for 5 others. Similar data were not available for 7 trades included in the current studies.

*Helpers and laborers.*—Between 1944 and 1945, average increases were highest for building laborers (5.7 percent); elevator constructors' and terrazzo workers' helpers had the lowest gains (less than 1 percent). The rise in rates of bricklayers' tenders and plasterers' laborers averaged 3.7 percent, while for all other helpers and laborers increases were at least 1 percent.

Between 1940 and 1945, building laborers again showed the largest increase (28 percent); next in order were bricklayers' tenders (17 percent), plasterers' laborers (15 percent), and steam and sprinkler fitters' and tile layers' helpers (12 percent). Composition roofers' helpers and plumbers' laborers had increases in their scales of 19 percent during this period. Comparable data for these trades were not available for the period of the First World War.

Between 1914 and 1919 increases averaging as much as 58 percent were received by bricklayers' tenders and 54 percent by building laborers and steam and sprinkler fitters' helpers. Plasterers' laborers received a 44-percent increase during this period while the lowest average increase (37 percent) went to tile layers' helpers.

TABLE 2.—Indexes of Union Hourly Wage Rates in Each Building Trade, 1907 to 1945

[1939=100]

Year	Asbestos workers	Boiler-makers	Brick-layers	Carpenters	Cement finishers	Electricians (inside wiremen)	Elevator constructors	Glaziers	Granite 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

Year	Lathers	Machinists	Marble setters	Mosaic and terrazzo workers	Painters	Paper-hangers	Plasterers	Plumbers and gas fitters	Rodmen
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		75.7	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 1945—Continued

[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

Year	Roofers-composition	Roofers-slate and tile	Sheet-metal workers	Sign painters	Steam and sprinkler fitters	Stone-cutters	Stonemasons	Structural-iron workers <sup>1</sup>	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	100.3	99.5	100.4	100.2
1941	106.5	104.0	106.5	101.9	103.4	102.1	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	109.9	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

<sup>1</sup> Included rodmen prior to 1950.

TABLE 2.—Indexes of Union Hourly Wage Rates in Each Building Trade, 1907 to 1945—Continued

[1939=100]

Year	Bricklayers' 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	82.7	93.9	87.9		81.6	90.4
1938	99.7	96.4	99.7	97.2	97.2	89.4	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	108.5
1943	118.4	121.3	119.5	110.8	119.0	106.9	110.3
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

AVERAGE HOURLY WAGE RATES, JULY 1, 1945

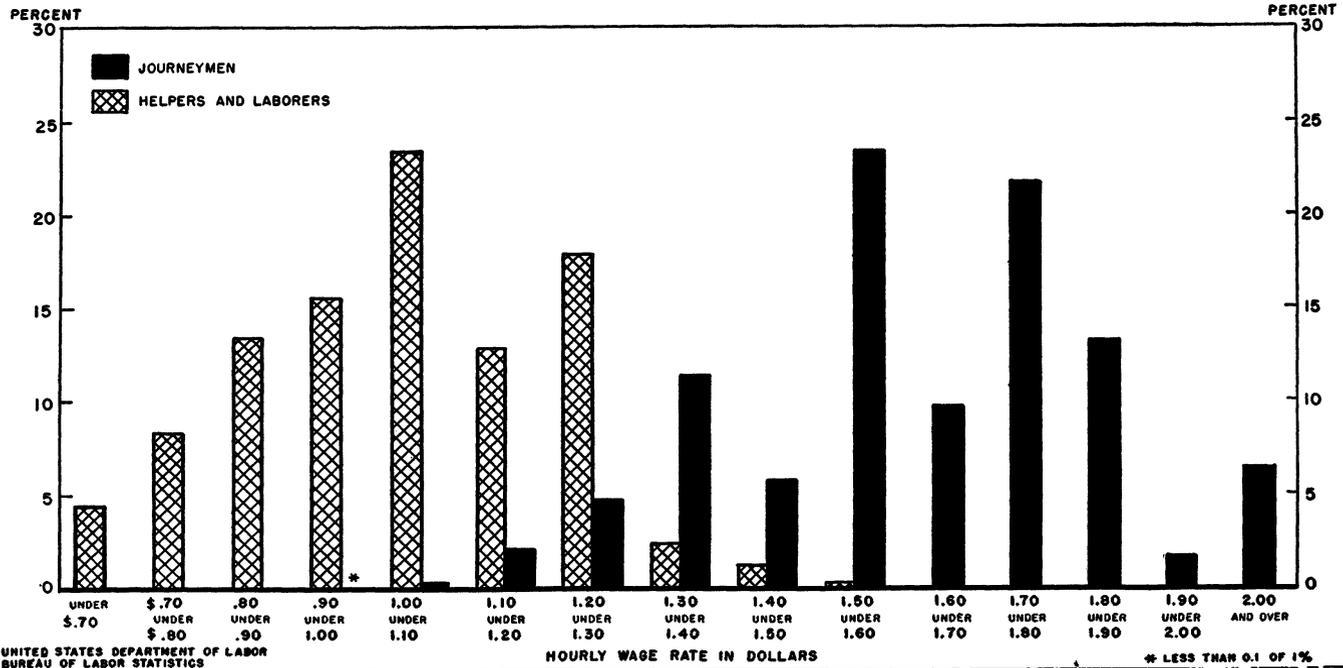
Journeyman building-trades workers in 75 cities averaged \$1.615 per hour on July 1, 1945, helpers averaged \$0.997, and for both groups combined the average was \$1.512 (see table 3).

Bricklayers had the highest average rate among the individual journeyman trades (\$1.814 per hour), with electricians (\$1.754) and stonemasons (\$1.753) next in order. The high average for stonemasons can be accounted for by the fact that these workers are usually included in the bricklayers' union and their work often calls for the same scale as bricklayers. Very few men are engaged at any one time in this type of masonry. The boilermakers' average (\$1.75) which was directly below that of stonemasons, covered only those workers actively engaged in building-construction work in July 1945. Composition roofers had the lowest journeyman average (\$1.465 per hour).

Elevator constructors' helpers had the highest average among the helper and laborer trades (\$1.227). Their rates are standardized by contract at 70 percent of the journeyman scale. Plasterers' laborers (\$1.197) had the next highest average, followed closely by

CHART 2

## DISTRIBUTION OF UNION BUILDING TRADES WORKERS ACCORDING TO HOURLY WAGE RATES JULY 1, 1945



the terrazzo workers' helpers (\$1.19). Only the building laborers (\$0.933) and the composition roofers' helpers (\$0.831) had averages of less than \$1.00.

More than half of the journeymen had rates between \$1.50 and \$1.80. A fifth of all journeyman quotations tabulated called for \$1.50 and a substantial number of additional quotations called for \$1.75. Over 6 percent of the journeymen had rates of \$2.00 or more. Most of these workers were in New York City or Newark. The highest rate reported was \$2.657 per hour for sign painters of outdoor advertising in New York City; the lowest was 90 cents for glaziers in Charlotte, N. C.

TABLE 3.—Distribution of Union Members in the Building Trades, by Hourly Wage Rates, July 1, 1945

Trade	Average rate per hour	Percent of union journeymen whose rates (in cents) per hour were—										
		Under 110	110 and under 120	120 and under 130	130 and under 140	140 and under 150	150 and under 160	160 and under 170	170 and under 180	180 and under 190	190 and under 200	200 and over
		Journeymen.....	\$1.615	0.2	2.0	4.8	11.3	5.7	23.4	9.7	21.7	13.2
Asbestos workers.....	1.632	3.9	3.4	.6	.9	.8	26.7	33.8	6.4	11.6	-----	11.9
Boilermakers.....	1.750	-----	-----	-----	-----	-----	14.1	22.7	33.3	5.6	-----	23.3
Bricklayers.....	1.814	-----	-----	-----	2	3	5.5	14.6	26.0	11.7	20.7	21.0
Carpenters.....	1.539	.1	3.4	4.7	22.9	7.8	27.9	2.9	20.4	8.5	-----	1.4
Cement finishers.....	1.546	-----	1.2	5.1	6.4	12.0	48.6	9.3	6.1	10.1	(1)	1.2
Electricians, inside wiremen.....	1.754	-----	-----	2.0	1.5	.2	17.3	15.6	16.0	26.3	-----	21.1
Elevator constructors.....	1.742	-----	-----	.1	4	4	9	12.6	26.1	28.9	4.9	17.8
Glaziers.....	1.547	1.4	5.5	20.5	6.4	16.3	8.0	11.4	3.9	13.7	-----	12.9
Granite cutters.....	1.632	-----	-----	7.2	7	-----	-----	75.8	13.6	-----	-----	2.7
Lathers.....	1.729	-----	-----	3	9	-----	22.6	21.3	17.6	27.7	2.6	7.0
Machinists.....	1.610	-----	-----	.4	2.0	5.7	33.6	18.0	39.8	5	-----	-----
Marble setters.....	1.649	-----	-----	-----	1.8	7.7	33.5	9.0	31.7	16.3	-----	-----
Mosaic and terrazzo workers.....	1.573	-----	-----	2.7	4.3	11.7	38.3	19.3	23.0	-----	-----	.7
Painters.....	1.553	.4	2.9	12.8	8.5	7.9	24.5	3.9	19.8	17.8	-----	.3
Paperhangers.....	1.505	.4	4.2	9.6	16.2	7.6	35.3	.7	26.0	-----	-----	1.2
Plasterers.....	1.737	-----	-----	1.4	1	-----	14.7	22.3	25.9	19.9	-----	14.7
Plumbers and gas fitters.....	1.747	-----	-----	-----	8	-----	17.0	13.8	37.7	12.6	-----	18.1
Rodmen.....	1.588	-----	-----	6.5	14.3	5.5	32.2	7.4	12.8	16.1	2.2	3.0
Roofers, composition.....	1.465	3.9	10.2	6.4	17.2	14.4	18.3	9.6	14.0	3.8	.6	1.6
Roofers, slate and tile.....	1.579	-----	12.6	6.6	8.8	4.2	25.3	4.7	10.6	9.5	10.9	6.8
Sheet-metal workers.....	1.619	-----	.1	3.4	4.7	12.9	25.9	18.5	19.0	2.9	2.3	10.3
Sign painters.....	1.647	.9	.9	4.7	8.5	5.5	23.9	17.3	16.5	2.8	6.3	12.7
Steam and sprinkler fitters.....	1.709	-----	-----	.4	1.6	-----	22.1	14.5	31.0	29.4	-----	1.0
Stonecutters.....	1.647	6.1	-----	19.3	5.3	-----	7.9	6.1	3.5	-----	48.3	3.5
Stonemasons.....	1.753	.2	-----	.1	-----	.3	14.6	27.3	24.8	7.8	3.7	21.2
Structural-iron workers.....	1.715	-----	-----	-----	.7	.8	14.5	28.7	24.8	18.1	7.3	6.1
Tile layers.....	1.593	-----	-----	-----	3.4	20.5	30.1	22.7	14.0	9.3	-----	-----

Trade	Average rate per hour	Percent of union helpers and laborers whose rates (in cents) per hour were—									
		Under 70	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 over
		Helpers and laborers.....	\$0.997	4.5	8.4	13.5	15.6	23.5	12.9	17.9	2.4
Bricklayers' tenders.....	1.086	1.8	4.5	8.6	11.1	9.0	20.5	41.4	1.8	1.3	-----
Building laborers.....	.933	6.1	10.0	17.0	19.6	31.1	6.9	9.3	(1)	-----	-----
Composition roofers' helpers.....	.831	16.0	24.8	17.2	24.0	18.0	-----	-----	-----	-----	-----
Elevator constructors' helpers.....	1.227	-----	-----	-----	-----	13.4	22.4	39.4	14.5	10.3	-----
Marble setters' helpers.....	1.125	-----	2.0	2.0	19.7	21.7	25.5	12.7	-----	12.3	4.1
Plasterers' laborers.....	1.197	2.0	5.2	2.9	3.0	7.3	15.0	40.6	12.7	9.1	2.2
Plumbers' laborers.....	1.046	.4	12.5	11.6	3.4	12.4	50.9	8.8	-----	-----	-----
Steam and sprinkler fitters' helpers.....	1.084	-----	2.0	5.3	21.3	3.3	54.2	13.9	-----	-----	-----
Terrazzo workers' helpers.....	1.190	-----	.3	1.3	6.4	9.9	28.6	10.9	41.7	.9	-----
Tile layers' helpers.....	1.174	-----	2.2	1.5	6.8	23.3	12.0	10.2	44.0	-----	-----

<sup>1</sup> Less than a tenth of 1 percent.

A majority of the helpers had rates between \$1.00 and \$1.30 per hour, most of which were \$1.00, \$1.10, \$1.15, or \$1.25. Over two-fifths of the helpers had rates of less than \$1.00. The lowest rate for helpers was 50 cents per hour reported for building laborers in Charleston, S. C.; the highest rate, \$1.60, was reported for plasterers' laborers in San Francisco.

With the exception of glaziers and composition roofers, a majority of the members in each of the individual journeyman trades earned at least \$1.50 per hour. Stonecutters, more than half of whom were reported in New York City, had a majority earning as much as \$1.90 per hour; there was, however, very little work for this trade during the year. Boilermakers, bricklayers, electricians, and stonemasons all had over a fifth of their members earning at least \$2.00; a large percentage of membership for these trades was in New York City. The asbestos workers, glaziers, composition roofers, and stonecutters were the only trades with at least 1 percent of their members having rates of less than \$1.10. The asbestos workers fell into this group because of the inclusion of home insulators when the latter were reported in the union agreements. Only the boilermakers had no members earning less than \$1.50.

A majority of building laborers and over four-fifths of composition roofers' helpers had rates of less than \$1.00 per hour. However, all of the other helper and laborer trades reported about three-fourths of their members earning in excess of \$1.00. Two-fifths of the terrazzo helpers and tile helpers earned \$1.30 or more per hour, owing to the concentration of membership in a few big cities. The marble setters' helpers and plasterers' laborers were the only helper and laborer trades with any members working at rates as high as \$1.50 per hour.

#### CHANGES IN UNION WAGE RATES BETWEEN 1944 AND 1945

Over 23 percent of the building-construction quotations, covering almost a third of the union members for whom comparable data were received in 1944 and 1945, revealed increases in wage rates for the period July 1, 1944, to July 1, 1945. Since the membership included in individual quotations may vary considerably, little correlation exists between total members receiving increases and total quotations showing increases. The journeyman category, with more than 22 percent of its comparable quotations higher than in 1944, registered rate gains for almost 3 out of every 10 members. Marble setters reported the largest percentage of members (54.8 percent) receiving raises brought about by higher scales in 21 cities, including New York, Chicago, Philadelphia, and Boston, where over 43 percent of the trade membership was concentrated. As marble setters account for only a tenth of 1 percent of all journeymen studied, the high proportion of their membership who benefited by raises is not so significant as that indicated for steam and sprinkler fitters. The latter occupation accounted for more than 5 percent of all journeymen tabulated. Increases in more than a fifth of its quotations were reported, favoring over 44 percent of the trade members. In addition to the trades mentioned, stonemasons, bricklayers, plumbers, tile layers, and rodmen reported over a third of their members receiving scale increases during the year. (See table 4.)

Although less than a fourth of the helper and laborer quotations indicated wage increases, about half of the members (49.6 percent) benefited from these gains. Building laborers had the highest proportion (56.4 percent) of membership among the helper and laborer trades who received rate increases. This was the result of higher quotations in 26 cities having a heavy concentration of union laborers. With about 25 percent of their quotations higher than in 1944, significant segments of the members engaged as bricklayers' tenders (42.0 percent), marble setters' helpers (36.9 percent), plasterers' laborers (40.6 percent), and plumbers' laborers (31.3 percent) benefited by raises. The terrazzo workers' helpers had the smallest percentage (13.3) of members receiving increases.

TABLE 4.—Number of Changes in Union Wage-Rate Quotations and Percent of Members Affected, July 1, 1945, Compared with July 1, 1944

Trade	Number of quotations comparable with 1944	Number of quotations showing—		Percent of union members affected	
		Increase	No change	Increase	No change
All building trades.....	2, 672	616	2, 056	32. 6	67. 4
Journeyemen.....	2, 132	483	1, 649	29. 2	70. 8
Asbestos workers.....	73	6	67	12. 4	87. 6
Boilermakers.....	42	5	37	13. 4	86. 6
Bricklayers.....	88	26	63	36. 3	63. 7
Carpenters.....	156	46	110	30. 7	69. 3
Cement finishers.....	95	16	79	21. 9	78. 1
Electricians, inside wiremen.....	88	17	71	24. 4	75. 6
Elevator constructors.....	62	17	45	20. 7	79. 3
Glaziers.....	73	10	63	23. 5	76. 5
Granite cutters.....	9	9	0	100. 0	0. 0
Lathers.....	73	16	57	32. 0	68. 0
Machinists.....	33	2	31	6	94. 4
Marble setters.....	58	22	36	54. 8	45. 2
Mosaic and terrazzo workers.....	56	15	41	22. 7	77. 3
Painters.....	205	43	162	26. 0	74. 0
Paperhangers.....	72	13	59	8. 8	91. 2
Plasterers.....	86	22	64	29. 6	70. 4
Plumbers and gas fitters.....	88	22	66	35. 8	64. 2
Rodmen.....	89	18	51	34. 3	65. 7
Roofers, composition.....	106	27	79	24. 3	75. 7
Roofers, slate and tile.....	69	11	48	30. 3	69. 7
Sheet-metal workers.....	76	15	61	22. 3	77. 7
Sign painters.....	75	14	61	31. 2	68. 8
Steam and sprinkler fitters.....	107	24	83	44. 2	55. 8
Stonecutters.....	20	20	0	100. 0	0. 0
Stonemasons.....	59	20	39	43. 2	56. 8
Structural-iron workers.....	130	32	98	29. 1	70. 9
Tile layers.....	74	25	49	34. 4	65. 6
Helpers and laborers.....	540	133	407	49. 6	50. 4
Bricklayers' tenders.....	90	22	68	42. 0	58. 0
Building laborers.....	101	36	65	56. 4	43. 6
Composition roofers' helpers.....	17	4	13	19. 6	80. 4
Elevator constructors' helpers.....	55	14	41	19. 2	80. 8
Marble setters' helpers.....	31	7	24	36. 9	63. 1
Plasterers' laborers.....	86	20	66	40. 6	59. 4
Plumbers' laborers.....	43	11	32	31. 3	68. 7
Steam and sprinkler fitters' helpers.....	32	6	26	14. 4	85. 6
Terrazzo workers' helpers.....	46	7	39	13. 3	86. 7
Tile layers' helpers.....	39	6	33	17. 2	82. 8

There were no decreases in scales reported during the year for either journeymen or helpers in any of the 75 cities studied.

Over three-fourths of the quotations showing increases involved changes of less than 10 percent, benefiting more than a fourth of the union members. The majority of these quotations, covering 21.9 percent of the members, provided for rate increases of 5 but under 10

percent. Advances of 10 percent and over affected only 5.6 percent of all members. (See table 5.)

TABLE 5.—Number of Increases in Union Wage-Rate Quotations, and Percent of Members Affected, by Percent of Increase, July 1, 1945, Compared with July 1, 1944

Trade	Number of quotations showing increases of—				Percent of total members affected by increases of—			
	Less than 5 percent	5 and under 10 percent	10 and under 15 percent	15 percent and over	Less than 5 percent	5 and under 10 percent	10 and under 15 percent	15 percent and over
All building trades.....	164	312	80	60	5.1	21.9	4.1	1.5
Journeyman.....	142	244	57	40	5.8	20.3	2.6	.5
Asbestos workers.....	2	4	—	—	1.0	11.4	—	—
Boilermakers.....	1	2	2	—	2.0	10.8	.6	—
Bricklayers.....	7	18	—	—	5.0	31.3	—	—
Carpenters.....	15	22	8	1	5.2	20.4	5.0	.1
Cement finishers.....	5	8	—	3	8.5	12.8	—	.6
Electricians, inside wiremen.....	—	11	4	2	—	22.3	1.8	.3
Elevator constructors.....	11	5	1	—	15.1	5.0	.6	—
Glaziers.....	4	4	2	—	5.2	17.1	1.2	—
Granite cutters.....	—	—	—	—	—	—	—	—
Lathers.....	3	9	3	1	17.6	10.9	1.1	2.4
Machinists.....	1	—	1	—	—	—	.2	—
Marble setters.....	3	14	2	3	1.8	48.7	2.3	2.0
Mosaic and terrazzo workers.....	1	7	3	4	.3	13.0	5.7	3.7
Painters.....	21	15	6	1	4.0	21.3	.6	.1
Paperhangers.....	6	3	3	1	3.6	3.9	.9	.4
Plasterers.....	3	13	5	1	12.1	11.7	2.3	3.5
Plumbers and gas fitters.....	9	9	3	1	14.1	17.6	1.9	2.2
Rodmen.....	5	10	2	1	5.9	25.8	—	.5
Roofers, composition.....	13	10	1	3	7.6	14.8	.3	1.6
Roofers, slate and tile.....	4	4	1	2	9.4	18.8	.5	1.6
Sheet-metal workers.....	9	5	—	1	11.0	11.0	—	.3
Sign painters.....	1	9	—	4	.5	27.7	—	3.0
Steam and sprinkler fitters.....	6	13	4	1	5.3	37.1	1.5	.3
Stonecutters.....	—	—	—	—	—	—	—	—
Stonemasons.....	4	15	1	—	22.5	17.9	2.8	—
Structural-iron workers.....	6	22	1	3	9.1	16.3	3.0	.7
Tile layers.....	2	12	4	7	.6	24.2	5.8	3.8
Helpers and laborers.....	22	68	23	20	1.4	29.6	12.0	6.6
Bricklayers' tenders.....	1	15	5	1	1.5	34.0	5.4	1.1
Building laborers.....	3	17	7	9	1.2	29.8	16.3	9.1
Composition roofers' helpers.....	1	1	1	1	4.0	4.0	3.6	8.0
Elevator constructors' helpers.....	10	4	—	—	15.8	3.4	—	—
Marble setters' helpers.....	1	5	1	—	1.6	34.5	.8	—
Plasterers' laborers.....	1	14	1	4	1.5	35.1	1.3	3.7
Plumbers' laborers.....	3	4	2	2	3.1	20.6	4.4	3.2
Steam and sprinkler fitters' helpers.....	—	3	2	1	—	5.0	8.6	.8
Terrazzo workers' helpers.....	2	2	2	1	9.3	2.4	1.0	.6
Tile layers' helpers.....	—	3	2	1	—	12.0	4.2	1.0

Changes in rates for journeymen were comparable with those for the combined journeyman and helper groups discussed above. Among the journeymen, marble setters had the highest percentage of members receiving raises since 1944 and practically all of these benefited to the extent of 5 to 10 percent. Steam and sprinkler fitters had the second highest proportion of members receiving raises and for this trade also, a majority of the quotations, as well as a vast majority of the members benefiting, showed rate increases between 5 and 10 percent. Although increases of 5 and under 10 percent predominated for the journeyman group as a whole, several trades had their heaviest concentrations in the under-5-percent group. Elevator constructors reported 72.9 percent of those benefiting in this category, lathers 55 percent, machinists 66.7 percent, plasterers 40.9, and stonemasons 52.1 percent;

Only a few journeymen had raises of more than 10 percent; tile layers (9.6 percent) and mosaic and terrazzo workers (9.4 percent) had the highest proportions of members receiving such gains. The only other trades having more than 5 percent of the membership benefiting by gains of 10 percent and over were carpenters (5.1 percent) and plasterers (5.8 percent).

A majority of the helper and laborer quotations showing higher scales than in the last survey period indicated increases of at least 5 but under 10 percent, which covered about 30 percent of the total membership. The greatest proportion of members to report gains within this range were plasterers' laborers (35.1 percent), followed by marble setters' helpers (34.5 percent). Almost a third of the higher helper quotations, affecting 37.5 percent of the membership securing raises, benefited by 10 percent and over. Almost half of the building laborers who received raises were increased 10 percent or more, and many of these secured raises exceeding 15 percent. The high percentage figures result in some cases from raises of 5 to 20 cents in cities of high membership concentration and in cities with low basic scales.

#### WAGE CHANGES, JULY 1, 1945—JANUARY 1, 1946

About 30 percent of the workers included in the July survey received wage increases between July 1945 and January 1946. Practically all of these adjustments occurred after VJ-day. These changes caused an over-all increase of 3 percent or about 4½ cents based on the general July 1 average of \$1.512 per hour. The average gain for those who received increases was 13½ cents per hour or about 9 percent.

#### UNION WAGE RATES, BY CITY AND REGION

##### *Average Changes in Each City<sup>4</sup>*

Increases in individual journeyman scales in York, Pa., averaging 8 percent between 1944 and 1945, placed this city at the head of the list of cities studied. St. Louis was second with an average increase of 7.1 percent, followed by New Orleans (5.7 percent) and Duluth and Binghamton (5.6 percent). The increase for St. Louis was especially significant, as its scales were generally higher than in the other cities mentioned. The increase for St. Louis was due to substantial raises granted to bricklayers, carpenters, plumbers, steamfitters, and iron workers, all with large memberships, as well as to six trades with a lesser number of members. Six cities reported no changes in journeyman scales during the year.

Grand Rapids led the cities in percentage increases for the helper and laborer trades, reporting a gain of 18.4 percent. Jacksonville and Rochester were next, with a 16.1-percent increase. In addition San Antonio, Pittsburgh, Tampa, Nashville, and Reading all had increases exceeding 10 percent. The increases in Grand Rapids were

<sup>4</sup> These net changes are based on the specific rates for 1944 and 1945, weighted by the membership for each union in 1945. Only those quotations showing comparable data for both years are included. As building-trades wage rates tend to be changed by additions of either 12½ or 10 cents per hour, specific increases for 1945 will reflect larger percentage changes among those trades with comparatively lower actual scales; thus, if the carpenters in city A change their scale from \$1.00 to \$1.12½ an increase of 12½ percent is registered, while if in city B the increase is from \$1.50 to \$1.625 the percentage change is only 8½ percent. For this reason those cities which have lower scales tend to show greater percentage increases than those which have higher scales. Both tables 5 and 6 should be consulted in making comparisons between cities.

due mainly to wage changes for building laborers from 70 to 85 cents; in Rochester, to scale increases for several helper and laborer trades from 85 cents to \$1.00; and in Jacksonville, to a rate increase for building laborers from 50 to 60 cents per hour. There was no change in rates for the helper and laborer trades during the year in 32 of the cities covered.

TABLE 6.—Percent of Change in Union Building-Trades Wage Rates in Each City, July 1, 1944, to July 1, 1945

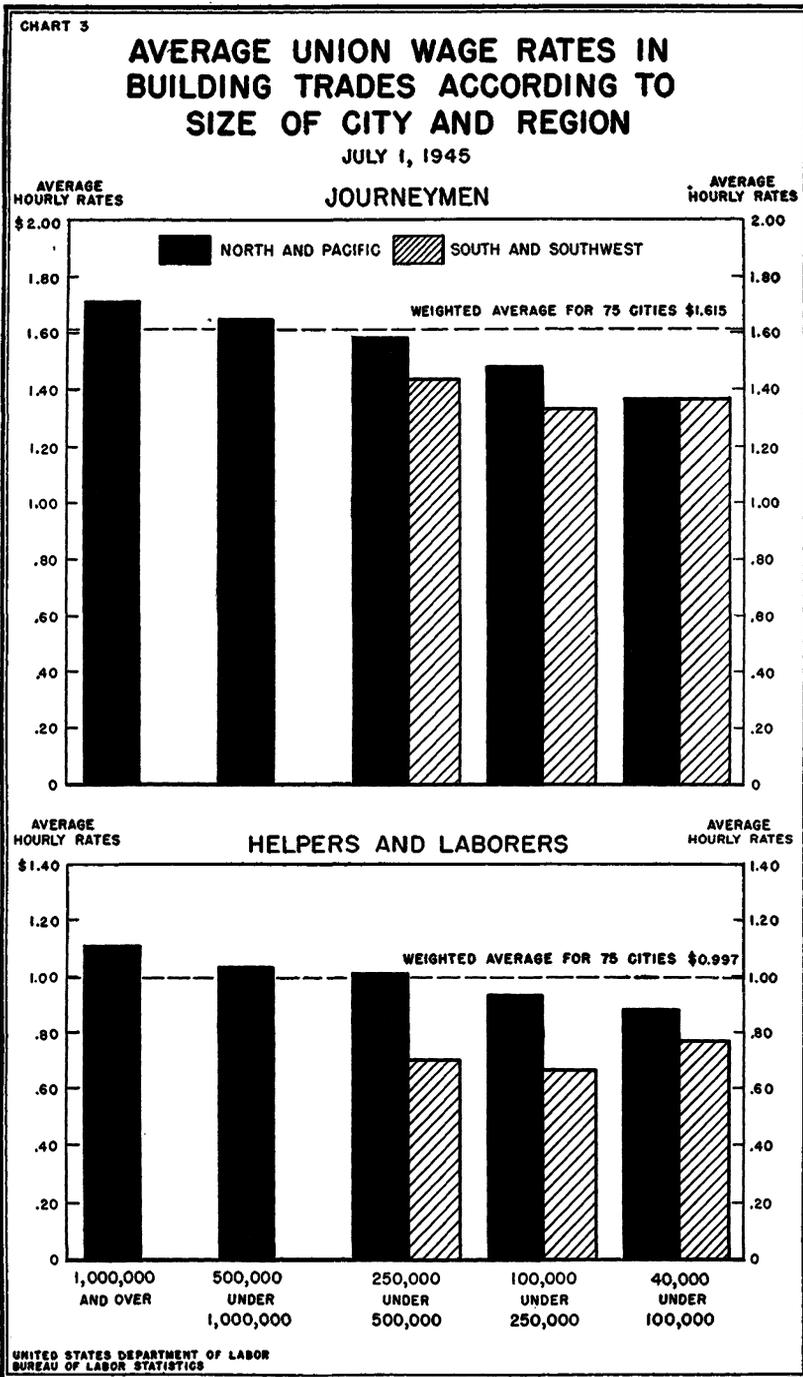
City	Percent of increase			City	Percent of increase		
	All trades	Journeymen	Helpers and laborers		All trades	Journeymen	Helpers and laborers
All cities.....	2.1	1.8	4.7	Mobile, Ala.....	0	0	0
Atlanta, Ga.....	1.3	1.3	4.8	Nashville, Tenn.....	3.5	2.8	12.6
Baltimore, Md.....	2.4	2.3	2.8	Newark, N. J.....	.1	.1	0
Binghamton, N. Y.....	5.6	5.6	5.8	New Haven, Conn.....	0	0	0
Birmingham, Ala.....	1.7	.7	8.3	New Orleans, La.....	6.2	5.7	7.4
Boston, Mass.....	1.4	1.6	0	New York, N. Y.....	1.3	1.2	2.2
Buffalo, N. Y.....	1.7	2.0	0	Norfolk, Va.....	1.3	1.4	0
Butte, Mont.....	.5	.3	1.7	Oklahoma City, Okla.....	2.9	3.3	0
Charleston, S. C.....	.4	.5	.1	Omaha, Nebr.....	.8	.9	0
Charleston, W. Va.....	0	0	0	Peoria, Ill.....	.9	1.1	0
Charlotte, N. C.....	.5	.5		Philadelphia, Pa.....	1.5	.6	8.4
Chicago, Ill.....	4.8	4.4	8.7	Phoenix, Ariz.....	2.1	.8	5.5
Cincinnati, Ohio.....	.9	1.0	0	Pittsburgh, Pa.....	3.8	1.2	13.3
Cleveland, Ohio.....	.8	0	8.3	Portland, Maine.....	.5	.6	0
Columbus, Ohio.....	.4	.1	5.9	Portland, Oreg.....	2.6	2.6	2.6
Dallas, Tex.....	1.2	1.3	0	Providence, R. I.....	.9	1.0	.1
Dayton, Ohio.....	3.2	3.4	2.0	Reading, Pa.....	1.5	.5	11.1
Denver, Colo.....	6.2	3.3		Richmond, Va.....	.3	.3	0
Des Moines, Iowa.....	.3	.3	.5	Rochester, N. Y.....	2.8	1.0	16.1
Detroit, Mich.....	1.1	.4	9.6	Rock Island (Ill.) district <sup>1</sup>	.9	1.1	.1
Duluth, Minn.....	5.0	5.6	0	St. Louis, Mo.....	6.6	7.1	4.3
El Paso, Tex.....	2.7	2.8	0	St. Paul, Minn.....	1.0	1.4	0
Erie, Pa.....	.1	.1	0	Salt Lake City, Utah.....	2.5	3.1	0
Grand Rapids, Mich.....	1.6	.6	18.4	San Antonio, Tex.....	1.4	.7	14.0
Houston, Tex.....	0	0	0	San Francisco, Calif.....	3.3	.3	.5
Indianapolis, Ind.....	.8	.3	3.6	Scranton, Pa.....	1.8	2.0	0
Jackson, Miss.....	2.4	2.4		Seattle, Wash.....	0	0	0
Jacksonville, Fla.....	2.8	1.7	16.1	South Bend, Ind.....	.7	.8	0
Kansas City, Mo.....	2.8	1.8	7.8	Spokane, Wash.....	1.4	1.7	0
Little Rock, Ark.....	.6	.6	0	Springfield, Mass.....	.6	.7	.1
Los Angeles, Calif.....	.9	.3	0	Tampa, Fla.....	.8	.1	13.0
Louisville, Ky.....	3.6	3.5	4.1	Toledo, Ohio.....	3.1	2.3	7.8
Madison, Wis.....	.2	.2	0	Washington, D. C.....	3.0	3.4	0
Manchester, N. H.....	1.2	1.3	0	Wichita, Kans.....	4.1	4.7	0
Memphis, Tenn.....	1.8	2.1	0	Worcester, Mass.....	2.5	2.3	6.7
Milwaukee, Wis.....	.9	.9	.1	York, Pa.....	7.1	8.0	1.1
Minneapolis, Minn.....	.4	.5	.1	Youngstown, Ohio.....	.2	.2	0

<sup>1</sup> Includes Rock Island and Moline, Ill., and Davenport, Iowa.

#### Average Rates, by Size of City<sup>6</sup>

In Newark and New York, where construction wage rates are closely related, owing to geographical proximity, the highest average rates for journeymen (\$1.905 and \$1.893, respectively) were reported (table 7). The small difference in favor of Newark was largely attributable to the higher wage scale of Newark carpenters; the membership of this craft was large enough to affect the average in

<sup>6</sup> 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 heavy memberships in the less-skilled trades carrying the lower rates. Although a comparison of average rates among cities may be misleading owing to unusually high or low memberships in some cities in comparison with the same trades in other cities, a weighted average of this kind is obviously more realistic than a simple average. In the latter case, a wage rate for a trade including half a dozen members would be given the same importance as a trade including several hundred members.



both areas materially. New York held leadership among the largest cities (group I); its average was almost 10 cents per hour higher than Chicago (\$1.795). Los Angeles not only had the lowest average for group I cities, but its \$1.423 average ranked forty-fourth among the 75 cities studied.

Washington, D. C., had the highest average for group II (\$1.803). This was also the third highest average for all cities. Newark, of course, led the group III cities and its average was almost 30 cents per hour higher than that of Toledo (\$1.632), which was second in this size group. The high rates for Newark may be attributed to the competitive nature of the labor market in the New York metropolitan area. Contractors from New York can draw on Newark labor and vice versa, thus accounting for the similarity of the individual scales in the two cities. Dayton and Youngstown led group IV cities, with averages of \$1.621 and \$1.606. Butte had the highest average for the smallest cities (\$1.569). Charlotte, N. C., and York, Pa., had the lowest city averages (\$1.196 and \$1.216, respectively).

Newark also had the highest average rate for helpers and laborers (\$1.251). Most of the laborers in the Newark area worked under agreements specifying \$1.25 per hour as the minimum rate. New York and Chicago shared the next highest average (\$1.215). Cleveland's average (\$1.142) led the group II cities. Although Washington had the highest journeyman average in this size group, its helper and laborer average (\$0.931) was next to the lowest. In addition to the four mentioned, 19 other cities had averages exceeding \$1.00. Charleston, S. C. (\$0.533), Jacksonville (\$0.610), Nashville (\$0.614), and Tampa (\$0.629) had the lowest averages for helpers and laborers.

TABLE 7.—Average Union Hourly Wage Rates in the Building Trades, by Cities and Population Groups, July 1, 1945

City and population group	Average hourly rate	City and population group	Average hourly rate
<i>Journeyman</i>		<i>Journeyman—Continued</i>	
<b>Population group I (over 1,000,000):</b>		<b>Population group III—Continued</b>	
New York, N. Y.	\$1.898	Kansas City, Mo.	\$1.571
Chicago, Ill.	1.795	Denver, Colo.	1.549
<i>Average for group I</i>	<i>1.718</i>	<i>Average for group III</i>	<i>1.536</i>
Philadelphia, Pa.	1.632	Louisville, Ky.	1.511
Detroit, Mich.	1.600	Portland, Ore.	1.497
Los Angeles, Calif.	1.423	Columbus, Ohio.	1.496
<b>Population group II (500,000 to 1,000,000):</b>		Minneapolis, Minn.	1.496
Washington, D. C.	1.803	St. Paul, Minn.	1.496
Pittsburgh, Pa.	1.757	Indianapolis, Ind.	1.495
St. Louis, Mo.	1.697	Houston, Tex.	1.463
Cleveland, Ohio.	1.674	Birmingham, Ala.	1.439
Buffalo, N. Y.	1.659	New Orleans, La.	1.412
<i>Average for group II</i>	<i>1.621</i>	Memphis, Tenn.	1.411
Boston, Mass.	1.595	Providence, R. I.	1.406
San Francisco, Calif.	1.571	Dallas, Tex.	1.398
Baltimore, Md.	1.554	Atlanta, Ga.	1.362
Milwaukee, Wis.	1.454	San Antonio, Tex.	1.345
<b>Population group III (250,000 to 500,000):</b>		<b>Population group IV (100,000 to 250,000):</b>	
Newark, N. J.	1.905	Dayton, Ohio.	1.621
Toledo, Ohio.	1.632	Youngstown, Ohio.	1.606
Cincinnati, Ohio.	1.626	Peoria, Ill.	1.564
Seattle, Wash.	1.621	South Bend, Ind.	1.542
Rochester, N. Y.	1.593	New Haven, Conn.	1.525
		Springfield, Mass.	1.523

TABLE 7.—Average Union Hourly Wage Rates in the Building Trades, by Cities and Population Groups, July 1, 1945—Continued

City and population group	Average hourly rate	City and population group	Average hourly rate
<i>Journeyman—Continued</i>		<i>Helpers and laborers—Continued</i>	
<i>Population group IV—Continued</i>		<i>Population group III—Continued</i>	
Spokane, Wash.....	\$1.512	Portland, Oreg.....	\$1.088
Erie, Pa.....	1.477	Denver, Colo.....	1.066
Reading, Pa.....	1.476	Kansas City, Mo.....	1.029
Rock Island (Ill.) district 1.....	1.466	Toledo, Ohio.....	1.010
Oklahoma City, Okla.....	1.452	Rochester, N. Y.....	.997
<i>Average for group IV</i> .....	<i>1.457</i>	Minneapolis, Minn.....	.993
Des Moines, Iowa.....	1.426	St. Paul, Minn.....	.972
Grand Rapids, Mich.....	1.418	Cincinnati, Ohio.....	.951
Worcester, Mass.....	1.413	Indianapolis, Ind.....	.942
Salt Lake City, Utah.....	1.406	<i>Average for group III</i> .....	<i>.901</i>
Omaha, Nebr.....	1.405	Providence, R. I.....	.865
Scranton, Pa.....	1.399	Columbus, Ohio.....	.857
Nashville, Tenn.....	1.372	Louisville, Ky.....	.837
Richmond, Va.....	1.358	Atlanta, Ga.....	.830
Duluth, Minn.....	1.353	Dallas, Tex.....	.713
Norfolk, Va.....	1.340	San Antonio, Tex.....	.713
Wichita, Kans.....	1.334	New Orleans, La.....	.706
Tampa, Fla.....	1.291	Houston, Tex.....	.675
Jacksonville, Fla.....	1.272	Birmingham, Ala.....	.641
Charlotte, N. C.....	1.196	Memphis, Tenn.....	.630
<i>Population group V (40,000 to 100,000):</i>		<i>Population group IV (100,000 to 250,000):</i>	
Butte, Mont.....	1.569	South Bend, Ind.....	1.086
Charleston, W. Va.....	1.566	Richmond, Va.....	1.070
Mobile, Ala.....	1.424	Spokane, Wash.....	1.047
El Paso, Tex.....	1.399	Peoria, Ill.....	1.008
Phoenix, Ariz.....	1.395	Springfield, Mass.....	.983
Binghamton, N. Y.....	1.393	New Haven, Conn.....	.980
<i>Average for group V</i> .....	<i>1.369</i>	Dayton, Ohio.....	.965
Little Rock, Ark.....	1.331	Salt Lake City, Utah.....	.945
Madison, Wis.....	1.306	Worcester, Mass.....	.942
Manchester, N. H.....	1.303	Rock Island (Ill.) district 1.....	.895
Portland, Maine.....	1.251	Scranton, Pa.....	.893
Jackson, Miss.....	1.241	Erie, Pa.....	.886
Charleston, S. C.....	1.224	Grand Rapids, Mich.....	.885
York, Pa.....	1.216	<i>Average for group IV</i> .....	<i>.884</i>
<i>Helpers and laborers</i>		Des Moines, Iowa.....	.867
<i>Population group I (over 1,000,000):</i>		Youngstown, Ohio.....	.854
Chicago, Ill.....	1.215	Reading, Pa.....	.846
New York, N. Y.....	1.215	Omaha, Nebr.....	.834
<i>Average for group I</i> .....	<i>1.109</i>	Duluth, Minn.....	.823
Detroit, Mich.....	1.033	Wichita, Kans.....	.816
Los Angeles, Calif.....	.995	Norfolk, Va.....	.815
Philadelphia, Pa.....	.917	Oklahoma City, Okla.....	.728
<i>Population group II (500,000 to 1,000,000):</i>		Tampa, Fla.....	.629
Cleveland, Ohio.....	1.142	Nashville, Tenn.....	.614
San Francisco, Calif.....	1.072	Jacksonville, Fla.....	.610
St. Louis, Mo.....	1.056	<i>Population group V (40,000 to 100,000):</i>	
Milwaukee, Wis.....	1.043	Butte, Mont.....	1.004
Pittsburgh, Pa.....	1.037	Portland, Maine.....	.929
<i>Average for group II</i> .....	<i>1.035</i>	Madison, Wis.....	.911
Boston, Mass.....	1.028	Phoenix, Ariz.....	.908
Buffalo, N. Y.....	1.018	Binghamton, N. Y.....	.855
Washington, D. C.....	.931	Charleston, W. Va.....	.845
Baltimore, Md.....	.885	York, Pa.....	.802
<i>Population group III (250,000 to 500,000):</i>		<i>Average for group V</i> .....	<i>.799</i>
Newark, N. J.....	1.251	Manchester, N. H.....	.770
Seattle, Wash.....	1.172	El Paso, Tex.....	.750
		Little Rock, Ark.....	.710
		Mobile, Ala.....	.685
		Charleston, S. C.....	.533

<sup>1</sup> Includes Rock Island and Moline, Ill., and Davenport, Iowa.

#### Average Rates by Region and Trade

The largest cities had the highest average rates for all building trades combined, as well as for journeymen and helpers considered separately. This was also true in the case of 13 individual journeyman and 8 helper and laborer trades. Significantly, these trades accounted for the vast majority of the members covered. Considering the regions and trades separately, a number of smaller cities had higher

averages than larger cities. This situation occurred most frequently in group V cities (40,000 to 100,000) in the South and Southwest where averages exceeded those of group IV cities (100,000 to 250,000) in the region.

TABLE 8.—Average Union Wage Rate in Each Building Trade by Region and Population Group, July 1, 1945

Trade	Cities in population group <sup>1</sup>										
	Group I <sup>2</sup>	Group II <sup>2</sup>	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.....	\$1.629	\$1.529	\$1.423	\$1.488	\$1.299	\$1.347	\$1.281	\$1.262	\$1.245	\$1.309	\$1.192
Journeymen.....	1.713	1.651	1.536	1.584	1.441	1.437	1.483	1.332	1.369	1.369	1.369
Asbestos workers.....	1.672	1.651	1.605	1.620	1.588	1.495	1.499	1.490	1.523	1.591	1.500
Boilermakers.....	1.928	1.703	1.618	1.652	1.535	1.636	1.676	1.500	1.585	1.627	1.500
Bricklayers.....	1.891	1.842	1.743	1.770	1.692	1.698	1.692	1.613	1.655	1.667	1.632
Carpenters.....	1.619	1.618	1.470	1.527	1.363	1.345	1.418	1.198	1.290	1.279	1.299
Cement finishers.....	1.658	1.573	1.513	1.552	1.457	1.390	1.460	1.265	1.427	1.429	1.426
Electricians, inside wiremen.....	1.902	1.721	1.671	1.697	1.609	1.543	1.573	1.475	1.449	1.443	1.459
Elevator constructors.....	1.840	1.775	1.644	1.689	1.570	1.584	1.593	1.514	1.525	1.506	( <sup>3</sup> )
Glaziers.....	1.735	1.552	1.390	1.425	1.226	1.259	1.303	1.103	1.242	1.279	1.220
Granite cutters.....	1.650	1.250	.....	1.263	.....	.....	.....	.....	.....	( <sup>3</sup> )	.....
Lathers.....	1.795	1.758	1.687	1.697	1.585	1.550	1.670	1.500	1.515	1.580	1.463
Machinists.....	1.675	1.530	1.570	1.619	1.478	1.483	1.481	( <sup>3</sup> )	1.489	1.680	( <sup>3</sup> )
Marble setters.....	1.752	1.587	1.615	1.617	1.610	1.541	1.553	1.483	1.562	1.533	1.644
Mosaic and terrazzo workers.....	1.671	1.552	1.496	1.489	1.511	1.569	1.599	1.483	1.516	1.497	( <sup>3</sup> )
Painters.....	1.662	1.538	1.446	1.514	1.286	1.326	1.364	1.239	1.270	1.258	1.311
Paperhangers.....	1.635	1.547	1.429	1.496	1.241	1.318	1.331	1.256	1.265	1.228	1.346
Plasterers.....	1.830	1.754	1.674	1.741	1.583	1.596	1.655	1.501	1.543	1.566	1.522
Plumbers and gas fitters.....	1.895	1.717	1.658	1.676	1.607	1.553	1.554	1.550	1.556	1.537	1.576
Rodmen.....	1.686	1.702	1.514	1.650	1.397	1.530	1.570	1.360	1.359	1.489	1.277
Roofers, composition.....	1.649	1.514	1.387	1.475	1.138	1.287	1.342	1.016	1.374	1.167	1.341
Roofers, slate and tile.....	1.846	1.688	1.435	1.544	1.182	1.341	1.419	1.125	1.363	1.429	1.262
Sheet-metal workers.....	1.757	1.623	1.556	1.588	1.492	1.387	1.424	1.277	1.375	1.369	1.380
Sign painters.....	1.872	1.594	1.541	1.587	1.440	1.394	1.413	1.323	1.374	1.340	1.392
Steam and sprinkler fitters.....	1.794	1.688	1.648	1.666	1.599	1.549	1.550	1.546	1.567	1.573	1.553
Stonemasons.....	1.906	1.482	1.272	1.333	1.203	.....	1.250	.....	.....	.....	.....
Stonemasons.....	1.885	1.697	1.723	1.728	1.711	1.674	1.678	1.620	1.578	1.589	1.568
Structural-iron workers.....	1.748	1.791	1.670	1.725	1.621	1.623	1.663	1.497	1.522	1.566	1.500
Tile layers.....	1.637	1.593	1.574	1.587	1.550	1.491	1.508	1.464	1.377	1.538	1.629
Helpers and laborers.....	1.169	1.035	1.901	1.018	.701	.884	.933	.665	.799	.885	.770
Bricklayers tenders.....	1.180	1.101	1.016	1.095	.786	.938	.968	.762	.840	.953	.733
Building laborers.....	1.017	.995	.851	.973	.678	.840	.894	.615	.783	.839	.771
Composition roofers' helpers.....	.....	.942	.810	.831	( <sup>3</sup> )	.956	.967	( <sup>3</sup> )	.651	( <sup>3</sup> )	.632
Elevator constructors' helpers.....	1.299	1.226	1.172	1.199	1.090	1.085	1.094	1.051	1.073	1.069	( <sup>3</sup> )
Marble setters' helpers.....	1.297	1.039	.973	.986	( <sup>3</sup> )	.....	.992	.....	.767	( <sup>3</sup> )	( <sup>3</sup> )
Plasterers' laborers.....	1.322	1.256	1.077	1.164	.831	1.005	1.038	.720	.942	1.005	.881
Plumbers' laborers.....	1.166	1.111	.908	1.025	.701	.850	.868	.764	.770	.782	( <sup>3</sup> )
Steam and sprinkler fitters' helpers.....	1.143	.998	1.056	1.105	.783	( <sup>3</sup> )	( <sup>3</sup> )	.....	.902	.935	( <sup>3</sup> )
Terrazzo workers' helpers.....	1.235	1.108	1.098	1.128	.920	.....	1.026	.....	.....	.946	.....
Tile layers' helpers.....	1.238	1.077	1.040	1.093	.733	.....	.908	.....	.946	1.083	.904

<sup>1</sup> 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.

<sup>2</sup> No city of this size in the South or Southwest.

<sup>3</sup> Insufficient quotations to compute an average.

Averages in the North and Pacific region exceeded those in the South and Southwest for all building-trades workers combined, as well as for the helpers and laborers. In the case of the combined journeyman trades, the averages all favored the North and Pacific regions by almost 15 cents, except for cities in group V where the averages were the same.

There were 72 possible comparisons of journeyman averages between the North and Pacific on the one hand, and the South and Southwest regions on the other. In 61 instances the rate was higher in the North and Pacific region, and in 6 instances the difference exceeded 25 cents. Ten of the 11 averages favoring the South and Southwest region were in group V cities, the smallest municipalities covered.

In all of the possible regional comparisons for helpers and laborers, the North and Pacific region showed higher averages; in most cases the difference was substantial, amounting to as much as 37.8 cents per hour in favor of the North and Pacific region.

### *Overtime and Sunday Rates*

Since 1942, premium rates of time and a half for overtime and Sunday work have been almost universal throughout the industry. This standardization was achieved through the stabilization agreement and union cooperation in relinquishing, for the duration of the war, double-time premium rates where these were effective.

Prior to the war (June 1941) double-time rates for overtime work covered over 60 percent of the union members; over 90 percent received double time if they worked on Sundays or holidays.

### *Weekly Hours*

#### TREND OF STRAIGHT-TIME WEEKLY HOURS

Owing primarily to the continuance of the agreement<sup>6</sup> which standardized the straight-time workweek on Government construction work at 40 hours, and the general acceptance of this workweek on other work, no change was reflected in the index of average weekly hours for building-trades workers between July 1, 1944, and July 1, 1945 (table 9).

During a 5-year period in the Second World War (1940-45) hours for union journeymen advanced an average of 2.2 percent, whereas those of helpers showed an average reduction of 1.3 percent. These changes were brought about when the 40-hour week was standardized for Government work. Prior to that time journeymen in several areas had a workweek of less than 40 hours and some helpers were required to work more than 40 hours at straight time.

Among the individual journeyman trades paperhangers showed the greatest average increase in hours (8.6 percent) between 1940 and 1945 whereas marble setters had the smallest (two-tenths of 1 percent, table 10). Prior to the war a substantial number of paperhangers enjoyed straight time of less than 40 hours.

<sup>6</sup> 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, effective July 1, 1942, stabilized wages and established the straight-time 40-hour week on all Government projects.

During World War I, for each of the 20 journeyman trades for which comparable index numbers were computed, a reduction in average weekly hours was reported. Cement finishers and electricians showed the largest declines, 3.9 percent and 3.3 percent, respectively, and granite cutters, stonecutters, sign painters, marble setters and bricklayers, the smallest (less than 1 percent).

TABLE 9.—*Indexes of Union Weekly Hours in All Building Trades, 1907-45*

[1939=100]

Year	All trades	Journey-men	Helpers and laborers	Year	All trades	Journey-men	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				

Between 1914 and 1919, straight-time hours of buildings-trades journeymen were reduced an average of 1.7 percent and those of helpers, 2 percent. However, in 1914, hours for building-trades workers ranged from 44 to 60 per week.

Building laborers and bricklayers' tenders who often worked more than 40 hours per week prior to the war showed hour reductions during the 1940-45 period. Each of the other helper trades had hour increases in the same period. All of the trades for which comparable data was available showed hour reductions during World War I.

TABLE 10.—Indexes of Union Weekly Hours in Each Building Trade, 1907 to 1945

[1939=100]

Year	Asbestos workers	Boilermakers	Bricklayers	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

Year	Lathers	Machinists	Marble setters	Mosaic and terrazzo workers	Painters	Paperhangers	Plasterers	Plumbers and gas fitters	Rodmen
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	

TABLE 10.—Indexes of Union Weekly Hours in Each Building Trade, 1907 to 1945—Continued

Year	Lathers	Machinists	Marble setters	Mosaic and terrazzo workers	Painters	Paper-hangers	Plasterers	Plumbers and gas fitters	Rodmen
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	95.8	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

Year	Roofers—composition	Roofers—slate and tile	Sheet-metal workers	Sign painters	Steam and sprinkler fitters	Stone-cutters	Stonemasons	Structural-iron workers <sup>1</sup>	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	112.5	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
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	108.9	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

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

TABLE 10.—Indexes of Union Weekly Hours in Each Building Trade, 1907 to 1945—Continued

[1939=100]

Year	Brick-layers' tenders	Building laborers	Composition roofers' helpers	Plasterers' laborers	Plumbers' laborers	Steam and sprinkler fitters' helpers	Title 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		118.9		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	93.5
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	96.9	100.0	100.0
1941	99.8	99.7	100.3	100.0	96.6	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

## WEEKLY HOURS, 1945

Straight-time weekly hours for union journeymen in the building-construction industry averaged 39.8 on July 1, 1945; helpers averaged 40 hours (table 11). These averages indicate how closely the industry, in cooperation with the union, conformed to the stabilization agreement establishing the 40-hour week on Government projects and how general the acceptance of their workweek was for private projects during the war period. A shorter workweek on private projects has been reestablished in many areas since the war ended in August. However, because this reduction in hours took place after the survey date, it is not reflected in this report.

TABLE 11.—*Distribution of Union Members in Each Building Trade, by Weekly Hours\**  
July 1, 1945

Trade	Average hours per week	Percent of union members having work-weeks of—			
		30 hours	35 hours	40 hours	44 hours and over
All building trades.....	39.8	0.5	3.4	95.9	0.2
Journeymen.....	39.8	.6	3.8	95.5	.1
Asbestos workers.....	39.9	.7	-----	99.3	-----
Boilermakers.....	40.0	-----	-----	100.0	-----
Bricklayers.....	40.0	.1	-----	99.9	-----
Carpenters.....	39.9	.2	1.6	98.2	-----
Cement finishers.....	40.0	-----	2.9	95.7	1.4
Electricians, inside wiremen.....	40.0	.1	-----	99.9	-----
Elevator constructors.....	40.0	-----	-----	100.0	-----
Glaziers.....	39.3	-----	13.7	86.3	-----
Granite cutters.....	35.4	-----	92.2	7.8	-----
Lathers.....	39.3	6.8	.9	92.3	-----
Machinists.....	39.9	-----	2.3	97.7	-----
Marble setters.....	40.0	-----	-----	100.0	-----
Mosaic and terrazzo workers.....	39.7	-----	6.7	93.3	-----
Painters.....	39.3	-----	14.7	85.3	-----
Paperhangers.....	39.9	-----	2.4	97.2	.4
Plasterers.....	39.5	3.1	3.0	93.9	-----
Plumbers and gas fitters.....	39.4	6.5	-----	93.5	-----
Rodmen.....	40.0	-----	-----	100.0	-----
Roofers, composition.....	40.0	-----	1.6	97.5	.9
Roofers, slate and tile.....	40.0	-----	-----	99.9	.1
Sheet-metal workers.....	40.0	-----	.9	99.1	-----
Sign painters.....	39.0	-----	22.5	75.0	2.5
Steam and sprinkler fitters.....	40.0	( <sup>1</sup> )	-----	100.0	-----
Stonecutters.....	37.6	-----	48.2	51.8	-----
Stonemasons.....	39.0	-----	20.5	79.5	-----
Structural-iron workers.....	40.0	-----	-----	100.0	-----
Tile layers.....	40.0	-----	-----	100.0	-----
Helpers and laborers.....	40.0	.1	1.3	98.0	.6
Bricklayers' tenders.....	39.9	.1	3.6	94.9	1.4
Building laborers.....	40.0	( <sup>1</sup> )	.6	99.0	.4
Composition roofers' helpers.....	40.0	-----	-----	100.0	-----
Elevator constructors' helpers.....	40.0	-----	-----	100.0	-----
Marble setters' helpers.....	40.0	-----	-----	100.0	-----
Plasterers' laborers.....	39.9	1.3	-----	97.9	.8
Plumbers' laborers.....	40.0	-----	-----	99.6	.4
Steam and sprinkler fitters' helpers.....	40.0	-----	-----	100.0	-----
Terrazzo workers' helpers.....	38.2	-----	36.9	63.1	-----
Tile layers' helpers.....	40.0	.1	-----	99.9	-----

<sup>1</sup> Less than a tenth of 1 percent.

Practically all (96 percent) of the union members covered worked a 40-hour straight-time week in July 1945. Only granite cutters, stonecutters, stonemasons, and sign painters, among the journeymen, and terrazzo workers' helpers in the helper and laborer group, had substantial numbers of their members on a straight-time week of less than 40 hours. None of these trades were active in war construction. The painters and glaziers also had significant proportions of their members working less than 40 hours on a straight-time basis. This was due to the continuance during the war of the shorter week on private construction in some areas.

### *Recent Developments in Governmental Regulation*

A series of Executive orders and amendments issued since VJ-day, including General Order No. 40 of the War Labor Board, has had the effect of allowing wage increases in nondispute cases without the prior approval of any Federal wage-stabilization agency, if no price increase

or no increase in cost to the United States resulted from the wage adjustment. However, General Order No. 41 of the War Labor Board, issued August 18, 1945, specifically exempted the building-construction industry from General Order No. 40 and required that applications for the increase or decrease of wage rates in the building-construction industry, whether resulting from collective bargaining or otherwise, should continue to be presented to the Wage Adjustment Board for approval as heretofore required. This regulation is effective, regardless of whether any wage increase would be used in whole or in part as a basis for seeking an increase in price ceilings or for resisting otherwise justifiable reductions in price ceilings or for increasing the cost to the United States. The original order, which expired November 18, was extended to December 31, 1945. On December 5, the War Labor Board issued a release stating that "in order to avoid a chaotic condition in the building-construction industry which might hamper reconversion, wage adjustments in this industry would continue, even after December 31, 1945, to require the approval of the Wage Adjustment Board before they could be put into effect."

### *Union Scales of Wages and Hours by Cities and Trades*

Table 12 lists the union rates of wages per hour and hours per week in effect on July 1, 1945, and July 1, 1944, 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 are 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 13 gives the rate changes approved by the Wage Adjustment Board between July 1, 1945, and January 1946.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944

## ATLANTA, GA.

[Hours per week, 40, unless otherwise indicated]

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Glaziers <sup>1</sup> .....	\$1.250	\$1.250
Bricklayers <sup>1</sup> .....	1.580	1.580	Lathers:		
Carpenters <sup>1</sup> .....	1.250	1.250	Metal.....	1.500	1.500
Cement finishers.....	1.500	1.500	Wood.....	1.125	1.125
Electricians (inside wiremen) <sup>1</sup> .....	1.500	1.375	Machinists.....	1.200	1.150
Elevator constructors.....	1.540	1.475	Marble setters.....	1.580	1.580
Engineers—power equipment operators:			Mosaic and terrazzo workers.....	1.580	1.580
Air compressors.....	1.150	1.150	Painters <sup>1</sup> .....	1.250	1.250
Bulldozers.....	1.150	1.150	Paperhangers <sup>1</sup> .....	1.250	1.250
Cranes, derricks, and drag-lines.....	1.500	1.500	Plasterers.....	1.500	1.500
Graders, motor.....	1.150	1.150	Plumbers <sup>1</sup> .....	1.550	1.500
Hoists:			Roofers, composition.....	1.125	1.125
1 drum.....	1.150	1.150	Sheet-metal workers.....	1.250	1.250
2 drums.....	1.500	1.500	Sign painters.....	1.500	1.250
Mixers:			Steam fitters <sup>1</sup> .....	1.550	1.500
108 or smaller.....	.800	.800	Stonemasons <sup>1</sup> .....	1.580	1.580
Larger than 108.....	1.150	1.150	Structural-iron workers <sup>1</sup> .....	1.500	1.500
Pumps.....	.800	.800	Rodmen <sup>1</sup> .....	1.250	1.250
Rollers.....	1.150	1.150	Tile layers.....	1.580	1.580
Scrapers.....	1.150	1.150			
Shovels.....	1.500	1.500	<i>Helpers and laborers</i>		
Tractors.....	1.150	1.150	Building laborers <sup>1</sup> .....	.575	.500
Trenching machines.....	1.500	1.500	Plasterers' laborers.....	.750	.....
			Plumbers' laborers.....	.750	.....

## BALTIMORE, MD.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.688	\$1.688	Lathers.....	\$1.725	\$1.500
Boilermakers.....	1.750	1.750	Machinists.....	1.500	1.500
Bricklayers <sup>1</sup> .....	1.750	1.750	Marble setters.....	1.500	1.600
Carpenters <sup>1</sup> .....	1.438	1.375	Mosaic and terrazzo workers.....	1.580	1.500
Cement finishers.....	1.500	1.500	Painters <sup>1</sup> .....	1.300	1.300
Electricians (inside wiremen) <sup>1</sup> .....	1.650	1.650	Structural steel <sup>1</sup> .....	1.425	1.425
Elevator constructors.....	1.720	1.690	Paperhangers <sup>1</sup> .....	1.300	1.300
Engineers—power equipment operators: <sup>2</sup>			Plasterers.....	1.725	1.500
Air compressors.....	1.500	1.500	Plumbers.....	1.650	1.650
When used in banks comprising a plant.....	1.800	1.800	Roofers:		
Bulldozers.....	1.125	1.125	Composition.....	1.375	1.375
Cranes, derricks, and drag-lines.....	1.800	1.800	Foremen.....	1.500	1.500
Graders:			Slate and tile.....	1.580	1.580
Road.....	1.500	1.500	Sheeters.....	1.750	1.750
Elevating.....	1.800	1.800	Sheet-metal workers.....	1.625	1.580
Hoists:			Sign painters.....	1.400	1.400
1 drum.....	1.500	1.500	Steam fitters.....	1.650	1.650
2 drums.....	1.800	1.800	Stonemasons <sup>1</sup> .....	1.750	1.750
Mixers.....	1.500	1.500	Structural-iron workers <sup>1</sup> .....	1.800	1.800
Pumps.....	1.500	1.500	Rodmen <sup>1</sup> .....	1.500	1.500
Rollers:			Tile layers.....	1.580	1.500
On hot asphalt.....	1.800	1.800			
Excluding hot asphalt.....	1.500	1.500	<i>Helpers and laborers</i>		
Shovels.....	1.800	1.800	Bricklayers' tenders.....	.950	.950
Tractors.....	1.125	1.125	Building laborers.....	.800	.750
Without mechanical attachments.....	1.000	1.000	Elevator constructors' helpers.....	1.200	1.180
Trenching machines.....	1.800	1.800	Marble setters' helpers.....	.938	.938
Glaziers.....	1.440	1.440	Plasterers' laborers.....	.950	.950
			Plumbers' laborers.....	.800	.750
			Terrazzo workers' helpers <sup>1</sup> .....	1.050	1.050
			Tile layers' helpers.....	.938	.938

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

<sup>2</sup> 20 cents per hour additional for broken-time work if rate is \$1.80 per hour; 12½ cents per hour additional if rate is less than \$1.80.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## BINGHAMTON, N. Y.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.625	\$1.625	Lathers.....	\$1.500	\$1.500
Bricklayers <sup>1</sup> .....	1.650	1.650	Marble setters.....	1.650	1.650
Carpenters.....	1.375	1.250	Mosaic and terrazzo workers.....	1.650	1.650
Cement finishers <sup>1</sup> .....	1.650	1.650	Painters <sup>1</sup> .....	1.125	1.125
Electricians (inside wiremen).....	1.375	1.250	Scaffold, <sup>2</sup> steel or spray.....	1.250	1.250
Engineers — power equipment operators:			Paperhangers.....	1.125	1.125
Air compressors.....	1.375	1.375	Plasterers <sup>1</sup> .....	1.650	1.650
Bulldozers.....	1.250	1.250	Plumbers and gas fitters.....	1.500	1.375
Cranes, derricks, and drag-lines.....	1.750	1.750	Roofers:		
Graders, power.....	1.250	1.250	Composition.....	1.438	1.438
Hoists.....	1.500	1.500	Slate and tile.....	1.438	1.438
Mixers.....	1.250	1.250	Sheet-metal workers.....	1.438	1.438
Pumps:			Steam fitters.....	1.500	1.375
Under 4-inch and not more than 3-inch battery.....	1.250	1.250	Stonemasons.....	1.650	1.650
4-inch and over and not more than 3-inch battery.....	1.375	1.375	Structural-iron workers.....	1.500	1.500
Rollers.....	1.250	1.250	Rodmen.....	1.500	1.500
Scrapers.....	1.500	1.500	Tile layers.....	1.650	1.650
Shovels.....	1.750	1.750			
Trenching machines:			<i>Helpers and laborers</i>		
Barber Green.....	1.500	1.500	Bricklayers' tenders.....	.875	.825
Large type.....	1.750	1.750	Building laborers.....	.900	.750
			Plasterers' laborers.....	.875	.825
			Plumbers' laborers.....	.900	.900
			Steam fitters' helpers.....	.900	.900

## BIRMINGHAM, ALA.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Marble setters.....	\$1.750	\$1.750
Boilermakers <sup>1</sup> .....	1.500	1.500	Mosaic and terrazzo workers.....	1.500	1.500
Bricklayers.....	1.750	1.750	Painters <sup>1</sup> .....	1.375	1.375
Carpenters <sup>1</sup> .....	1.250	1.250	Structural steel and swing stage <sup>1</sup> .....	1.500	1.500
Cement finishers.....	1.500	1.500	Spray.....	2.375	2.375
Electricians (inside wiremen).....	1.650	1.650	Paperhangers.....	1.375	1.375
Elevator constructors <sup>1</sup> .....	1.630	1.630	Plasterers.....	1.650	1.650
Engineers — power equipment operators:			Plumbers.....	1.750	1.750
Air compressors <sup>1</sup> .....	1.375	1.250	Roofers:		
Bulldozers <sup>1</sup> .....	1.375	1.250	Composition <sup>1</sup> .....	1.125	1.125
Cranes, derricks, and drag-lines.....	1.625	1.500	Slate and tile <sup>1</sup> .....	1.250	1.250
Graders <sup>1</sup> .....	1.875	1.250	Sheet-metal workers <sup>1</sup> .....	1.400	1.400
Hoists:			Sign painters.....	1.500	1.500
1 drum <sup>1</sup> .....	1.375	1.250	Steam fitters.....	1.750	1.750
2 drums <sup>1</sup> .....	1.625	1.500	Stonemasons.....	1.750	1.750
LeTourneau.....	1.625	1.500	Structural-iron workers.....	1.625	1.500
Mixers:			Rodmen.....	1.450	1.375
5 bags or under <sup>1</sup> .....	1.375	1.250	Tile layers.....	1.500	1.500
Over 5 bags <sup>1</sup> .....	1.625	1.500			
Pumps <sup>1</sup> .....	1.375	1.250	<i>Helpers and laborers</i>		
Rollers <sup>1</sup> .....	1.375	1.250	Bricklayers' tenders.....	.700	.650
Scrapers <sup>1</sup> .....	1.625	1.500	Building laborers.....	.600	.550
Shovels <sup>1</sup> .....	1.625	1.500	Plasterers' laborers.....	.700	.650
Shovels <sup>1</sup> .....	1.625	1.500	Plumbers' laborers.....	.700	.650
Tractors <sup>1</sup> .....	1.375	1.250	Steam fitters' helpers.....	.750	.750
Trenching machines <sup>1</sup> .....	1.625	1.500	Terrazzo workers' helpers.....	.700	.650
Glaziers.....	1.375	1.375	Tile layers' helpers.....	.700	.650
Lathers.....	1.375	1.250			
Machinists.....	1.500	1.500			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

<sup>2</sup> Scaffold painters receive extra pay of \$0.50 per hour per story for swing work above 50 feet or 4 stories.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

		BOSTON, MASS.			
Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.675	\$1.650	Plumbers and gas fitters <sup>1</sup> .....	\$1.675	\$1.650
Boilermakers.....	1.650	1.650	Roofers, composition.....	1.600	1.500
Bricklayers.....	1.725	1.625	Sheet-metal workers.....	1.725	1.650
Carpenters <sup>1</sup> .....	1.500	1.500	Sign painters.....	1.313	1.250
Wharf and bridge.....	1.500	1.450	Letters.....	1.470	1.375
Cement finishers <sup>1</sup> .....	1.625	1.625	Pictorial.....	1.613	1.500
Electricians (inside wiremen).....	1.725	1.675	Steam fitters <sup>1</sup> .....	1.650	1.650
Elevator constructors <sup>1</sup> .....	1.650	1.650	Sprinkler fitters.....	1.580	1.580
Engineers—power equipment operators: <sup>4</sup>			Stonemasons:		
Air compressors <sup>1</sup> .....	1.500	1.500	Inside.....	1.375	1.375
Bulldozers <sup>1</sup> .....	1.500	1.500	Outside.....	1.500	1.500
Cranes, derricks, and drag-lines <sup>1</sup> .....	1.875	1.875	Carvers:		
Graders.....	1.500	1.500	Inside.....	1.500	1.500
Hoists:			Outside.....	1.725	1.725
1 or 2 drums <sup>1</sup> .....	1.500	1.500	Artificial stone patchers:		
3 drums.....	1.875	1.875	Inside.....	1.050	1.050
Mixers <sup>1</sup> .....	1.500	1.500	Outside.....	1.250	1.250
Pumps <sup>1</sup> .....	1.500	1.500	Stonemasons.....	1.725	1.625
Rollers <sup>1</sup> .....	1.500	1.500	Structural-iron workers.....	1.725	1.650
Scrapers <sup>1</sup> .....	1.500	1.500	Rodmen.....	1.725	1.650
Shovels <sup>1</sup> .....	1.875	1.875	Tile layers <sup>1</sup> .....	1.625	1.625
Tractors <sup>1</sup> .....	1.500	1.500			
Trenching machines <sup>1</sup> .....	1.500	1.500	<i>Helpers and laborers</i>		
Glaziers <sup>1</sup> .....	1.500	1.500	Bricklayers' tenders <sup>1</sup> .....	1.000	1.000
Granite cutters.....	1.750	1.750	Building laborers <sup>1</sup> .....	1.000	1.000
Lathers <sup>1</sup> .....	1.667	1.667	Composition roofers' helpers.....	1.050	1.000
Machinists.....	1.500	1.500	Elevator constructors' helpers <sup>1</sup> .....	1.150	1.150
Marble setters.....	1.725	1.625	Marble setters' helpers.....	1.150	1.125
Mosaic and terrazzo workers.....	1.725	1.625	Plasterers' laborers.....	1.250	1.250
Painters.....	1.438	1.438	Sprinkler fitters' helpers.....	.950	.950
Plasterers <sup>1</sup> .....	1.667	1.667	Terrazzo workers' helpers <sup>1</sup> .....	1.125	1.125
			Tile layers' helpers.....	1.150	1.125
			BUFFALO, N. Y.		
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.750	\$1.750	Painters—Continued		
Boilermakers.....	1.750	1.750	Swing stage.....	\$1.750	\$1.750
Bricklayers <sup>1</sup> .....	1.750	1.750	Over 100 feet steel and flour mills.....	2.000	2.000
Carpenters.....	1.600	1.500	Paperhangers.....	1.500	1.500
Millwrights.....	1.700	1.600	Plasterers.....	1.750	1.750
Cement finishers.....	1.580	1.500	Plumbers and gas fitters.....	1.750	1.750
Swing scaffold <sup>1</sup> .....	1.750	1.750	Roofers:		
Machine operators <sup>1</sup> .....	1.650	1.650	Composition <sup>1</sup> .....	1.450	1.450
Swing scaffold <sup>1</sup> .....	1.900	1.900	Residential <sup>1</sup> .....	1.400	1.400
Electricians (inside wiremen).....	1.750	1.750	Slate and tile <sup>1</sup> .....	1.600	1.600
Elevator constructors.....	1.750	1.750	Sheet-metal workers.....	1.600	1.600
Engineers—power equipment operators:			Sign painters.....	1.500	1.500
Air compressors.....	1.375	1.375	Pictorial.....	1.600	1.600
Bulldozers.....	1.250	1.250	Steam fitters.....	1.750	1.750
Cranes, derricks, and drag-lines.....	1.750	1.750	Sprinkler fitters.....	1.580	1.580
Graders, power.....	1.625	1.625	Stonemasons <sup>1</sup> .....	1.750	1.750
Hoists.....	1.585	1.585	Structural-iron workers.....	1.750	1.750
LeTourneau.....	1.625	1.625	Rodmen.....	1.750	1.750
Mixers, ½ cubic yard or over.....	1.500	1.500	Sheeters—iron workers.....	2.000	2.000
Pumps:			Tile layers.....	1.375	1.375
Under 4 inches.....	1.075	1.075			
4 inches or over.....	1.500	1.500	<i>Helpers and laborers</i>		
Rollers.....	1.625	1.625	Bricklayers' tenders.....	1.000	1.000
Shovels.....	1.750	1.750	Building laborers.....	1.000	1.000
Tractors.....	1.250	1.250	Elevator constructors' helpers.....	1.225	1.225
Trenching machines.....	1.625	1.625	Marble setters' helpers.....	.900	.900
Glaziers.....	1.550	1.500	Plasterers' laborers.....	1.100	1.100
Lathers.....	1.750	1.750	Mortar mixers.....	1.150	1.150
Marble setters <sup>1</sup> .....	1.500	1.500	Steam fitters' helpers.....	.850	.850
Mosaic and terrazzo workers.....	1.375	1.375	Sprinkler fitters' helpers.....	.950	.950
Painters.....	1.500	1.500	Terrazzo workers' helpers.....	.900	.900
Spray and structural steel.....	2.000	2.000	Tile layers' helpers.....	.900	.900

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.<sup>2</sup> 20 cents per hour additional for broken time if rate is \$1.50 per hour, 37½ cents if rate is \$1.875.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## BUTTE, MONT.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeymen</i>			<i>Journeymen—Continued</i>		
Asbestos workers.....	\$ 2.000	\$ 2.000	Engineers—power equipment operators—Continued		
Bricklayers.....	\$ 1.850	\$ 1.850	Shovels <sup>1</sup> .....	\$ 1.500	\$ 1.500
Carpenters.....	\$ 1.500	\$ 1.500	Tractors <sup>1</sup> .....	1.500	1.500
Cement finishers.....	\$ 2.000	\$ 2.000	Trenching machines <sup>1</sup> .....	1.500	1.500
Electricians (inside wiremen).....	\$ 1.833	\$ 1.833	Glaziers.....	1.375	1.375
Elevator constructors.....	1.600	1.600	Granite cutters (inside).....	2.000	2.000
Engineers—power equipment operators:			Lathers.....	1.500	1.500
Air compressors <sup>1</sup> .....	1.125	1.125	Painters.....	1.500	1.500
Bulldozers <sup>1</sup> .....	1.500	1.500	Paperhangers.....	\$ 2.600	\$ 2.000
Cranes, derricks, and drag-lines <sup>1</sup> .....	1.500	1.500	Plasterers.....	\$ 2.083	\$ 2.000
Graders <sup>1</sup> .....	1.500	1.500	Plumbers.....	\$ 1.250	\$ 1.250
Hoists: <sup>1</sup>			Roofers, composition.....	1.500	1.500
1 drum.....	1.250	1.250	Sheet-metal workers.....	1.500	1.500
2 drums or more.....	1.500	1.500	Sign painters.....	\$ 2.083	\$ 2.000
LeTourneau:			Steam fitters.....	1.500	1.500
Single <sup>1</sup> .....	1.500	1.500	Structural-iron workers.....	1.500	1.500
In tandem <sup>1</sup> .....	1.750	1.750	Rodmen.....	1.500	1.500
Mixers:			Tile layers.....	1.850	1.850
Less than 4 bags <sup>1</sup> .....	1.250	1.250			
4 bags or over <sup>1</sup> .....	1.500	1.500	<i>Helpers and laborers</i>		
Pumps:			Bricklayers' tenders.....	\$ 1.333	\$ 1.333
6 inches or less <sup>1</sup> .....	1.000	1.000	Building laborers.....	\$ 919	\$ 900
Over 6 inches <sup>1</sup> .....	1.250	1.250	Elevator constructors' helpers.....	1.120	1.120
Rollers.....	1.250	1.250	Plasterers' laborers.....	\$ 1.333	\$ 1.333
On all types of finishing <sup>1</sup> .....	1.500	1.500	Tile layers' helpers.....	\$ 1.333	
Scrapers <sup>1</sup> .....	1.500	1.500			

## CHARLESTON, S. C.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeymen</i>			<i>Journeymen—Continued</i>		
Asbestos workers.....	\$ 1.500	\$ 1.500	Sheet-metal workers.....	\$ 1.250	\$ 1.250
Boilermakers.....	1.500	1.500	Sign painters.....	1.375	1.375
Carpenters.....	1.250	1.250	Steam fitters.....	1.750	1.750
Government.....	1.125	1.125	Structural-iron workers.....	1.500	1.500
Cement finishers.....	1.150	1.000	Rodmen.....	1.250	1.250
Glaziers.....	1.125	1.125			
Painters.....	1.125	1.125	<i>Helpers and laborers</i>		
Stage and spray.....	1.375	1.375	Bricklayers' tenders.....	.600	.600
Steel.....	1.250	1.250	Building laborers.....	.500	.500
Paperhangers.....	1.150	1.150	Plumbers' laborers.....	.750	.725
Plasterers.....	1.375	1.250	Steam fitters' helpers.....	.750	.750
Plumbers.....	1.750	1.750			
Roofers:					
Composition.....	1.250	1.250			
Slate and tile.....	1.250	1.250			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

<sup>2</sup> Hours per week, 30.

<sup>3</sup> Hours per week, 48.

**TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued**
**CHARLESTON, W. VA.**

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.625	\$1.625	Marble setters.....	\$1.500	\$1.500
Boilermakers <sup>1</sup> .....	1.625	1.625	Mosaic and terrazzo workers.....	1.500	1.500
Bricklayers.....	1.750	1.750	Painters.....	1.500	1.250
Carpenters.....	1.500	1.500	Spray.....	2.000	2.000
Millwrights.....	1.625	1.625	Paperhangers.....	1.500	1.500
Cement finishers.....	1.250	1.250	Plasterers.....	1.500	1.500
Electricians (inside wiremen).....	1.625	1.625	Plumbers.....	1.625	1.625
Elevator constructors.....	1.625	1.625	Roofers:		
Engineers—power equipment operators:			Composition.....	1.250	1.250
Air compressors.....	1.375	1.375	Slate and tile.....	1.250	1.250
Bulldozers.....	1.375	1.375	Sheet-metal workers.....	1.375	1.375
Cranes, derricks, and drag-lines.....	1.625	1.625	Sign painters.....	1.400	1.400
Graders.....	1.375	1.375	Steam fitters.....	1.625	1.625
Hoists:			Stonemasons.....	1.750	1.750
1 drum.....	1.375	1.375	Structural-iron workers.....	1.625	1.625
2 drums.....	1.625	1.625	Rodmen.....	1.500	1.500
Mixers:			Sheeters.....	1.375	1.375
1 bag and under.....	1.125	1.125	Tile layers.....	1.500	1.500
Over 1 bag.....	1.375	1.375			
Pumps.....	1.125	1.125	<i>Helpers and laborers</i>		
Rollers.....	1.375	1.375	Bricklayers' tenders:		
Shovels.....	1.625	1.625	On mortar box.....	1.000	1.000
Tractors.....	1.375	1.375	On wheel barrow.....	.900	.900
Trenching machines, excavating.....	1.625	1.625	Building laborers.....	.750	.750
Glaziers.....	1.250	1.250	Elevator constructor's helpers.....	1.140	1.140
Lathers <sup>1</sup> .....	1.375	1.375	Plasterers' laborers.....	.900	.900
			Plumbers' laborers.....	.750	.750

**CHARLOTTE, N. C.**

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.375	\$1.375	Engineers—power equipment operators—Continued		
Bricklayers.....	1.375	1.375	Shovels.....	\$1.500	\$1.500
Carpenters.....	1.000	1.000	Tractors.....	1.250	1.250
Cement finishers.....	1.125	1.125	Trenching machines.....	1.500	1.500
Electricians (inside wiremen).....	1.250	1.250	Glaziers.....	.900	.900
Engineers—power equipment operators:			Lathers.....	1.500	1.500
Air compressors.....	1.250	1.250	Marble setters.....	1.500	1.500
Bulldozers.....	1.250	1.250	Mosaic and terrazzo workers.....	1.500	1.500
Cranes, derricks, and drag-lines.....	1.500	1.500	Painters.....	1.035	1.000
Graders.....	1.250	1.250	Spray, bridge, structural steel and stage.....	1.300	1.250
Hoists:			Plasterers.....	1.375	1.375
1 drum.....	1.250	1.250	Plumbers.....	1.500	1.500
2 drums.....	1.500	1.500	Sheet-metal workers.....	1.250	1.250
LeTourneau.....	1.250	1.250	Steam fitters.....	1.500	1.500
Mixers.....	1.250	1.250	Structural-iron workers.....	1.500	1.500
Pumps.....	1.250	1.250	Rodmen.....	1.250	1.250
Rollers.....	1.250	1.250	Tile layers.....	1.500	1.500
Scrapers.....	1.250	1.250			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

**TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued**
**CHICAGO, ILL.**

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.850	\$1.700	Roofers:		
Boilermakers.....	1.850	1.700	Composition <sup>1</sup> .....	\$1.750	\$1.750
Bricklayers.....	1.900	1.750	Foremen.....	2.000	2.000
Sewer, tunnel, etc.....	2.000	2.000	Slate and tile.....	1.900	1.750
Carpenters.....	1.775	1.700	Sheet-metal workers.....	1.750	1.750
Cement finishers.....	1.700	1.700	Sign painters.....	2.000	1.875
Pavement, curb and gutter.....	1.838	1.750	Steam and sprinkler fitters.....	1.850	1.700
Electricians (inside wiremen).....	1.850	1.700	Stonemasons.....	1.900	1.750
Modernization.....	1.300	1.250	Structural-iron workers <sup>1</sup> .....	1.850	1.760
Elevator constructors <sup>1</sup> .....	1.755	1.755	Finishers <sup>1</sup> .....	1.750	1.750
Engineers—power equipment operators:			Rodmen.....	1.850	1.760
Double drum mixers.....	2.150	2.000	Tile layers.....	1.850	1.700
All other building construction equipment.....	1.850	1.750			
Glaziers.....	2.025	1.875	<i>Helpers and laborers</i>		
Lathers <sup>1</sup> .....	1.850	1.825	Bricklayers' tenders.....	1.200	1.100
Machinists.....	1.700	1.700	Building laborers.....	1.200	1.100
Marble setters.....	1.775	1.700	Elevator constructors' helpers <sup>1</sup> .....	1.230	1.230
Mosaic and terrazzo workers.....	1.725	1.725	Marble setters' helpers.....	1.250	1.175
Painters <sup>1</sup> .....	1.725	1.725	Plasterers' laborers.....	1.275	1.175
Paperhangers <sup>1</sup> .....	1.725	1.725	Sprinkler fitters' helpers.....	1.220	1.220
Plasterers <sup>1</sup> .....	1.825	1.825	Terrazzo workers' helpers.....	1.200	1.150
Plumbers.....	1.850	1.700	Base-machine operators.....	1.300	1.250
			Tile layers' helpers.....	1.250	1.175

**CINCINNATI, OHIO**

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.625	\$1.550	Engineers—power equipment operators—Continued		
Boilermakers <sup>1</sup> .....	1.500	1.500	Trenching machines.....	\$1.500	\$1.500
Bricklayers.....	1.825	1.825	Glaziers <sup>1</sup> .....	1.700	1.700
Carpenters.....	1.600	1.600	Lathers.....	1.625	1.625
Cement finishers.....	1.550	1.450	Marble setters <sup>1</sup> .....	1.825	1.750
Electricians (inside wiremen).....	1.725	1.725	Mosaic and terrazzo workers.....	1.875	1.575
Elevator constructors.....	1.700	1.700	Painters.....	1.550	1.550
Engineers—power equipment operators:			Paperhangers.....	1.550	1.550
Air compressors (plant operation).....	1.500	1.500	Plasterers.....	1.750	1.625
Portable.....	1.150	1.150	Plumbers.....	1.725	1.650
Bulldozers.....	1.375	1.375	Roofers:		
Cranes and draglines.....	1.625	1.625	Composition.....	1.425	1.375
Derricks.....	1.500	1.500	Slate and tile <sup>1</sup> .....	1.500	1.500
Graders:			Precast slab.....	1.625	1.625
Power.....	1.375	1.375	Sheet-metal workers.....	1.550	1.550
Elevating and blade.....	1.150	1.150	Sign painters.....	1.400	1.400
Hoists:			Steam fitters.....	1.725	1.650
High speed.....	1.375	1.375	Stonecutters.....	1.825	1.750
Hoisting engines.....	1.300	1.300	Stonemasons <sup>1</sup> .....	1.825	1.750
Mixers:			Structural-iron workers <sup>1</sup> .....	1.725	1.725
Concrete, with capacity of more than 1 bag, or 1-bag capacity, with side loaders.....	1.300	1.300	Rodmen.....	1.575	1.525
Paving, 27E and over.....	1.500	1.500	Tile layers.....	1.575	1.575
Pumps, over 4-inch capacity discharge.....	1.300	1.300			
Rollers, asphalt.....	1.375	1.375	<i>Helpers and laborers</i>		
Scrapers.....	1.500	1.500	Bricklayers' tenders <sup>1</sup> .....	1.100	1.100
Shovels.....	1.625	1.625	Building laborers <sup>1</sup> .....	.900	.900
Tractors.....	1.150	1.150	Elevator constructors' helpers.....	1.190	1.190
			Marble setters' helpers.....	1.125	1.125
			Plasterers' laborers.....	1.100	1.100
			Terrazzo workers' helpers.....	.975	.975

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

<sup>2</sup> Hours per week, 48.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## CLEVELAND, OHIO

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<b>Journeyman</b>			<b>Journeyman—Continued</b>		
Asbestos workers.....	\$1.625	\$1.625	Mosaic and terrazzo workers.....	\$1.575	\$1.575
Boilermakers <sup>1</sup> .....	1.750	1.750	Painters.....	1.550	1.550
Bricklayers.....	1.875	1.875	Fresco.....	1.575	1.575
Sewer and caisson.....	2.125	2.125	Spray.....	2.000	2.000
Carpenters <sup>1</sup> .....	1.575	1.575	Structural steel.....	1.800	1.800
Cement finishers.....	1.575	1.575	Swing stage.....	1.625	1.625
Electricians (inside wiremen).....	1.875	1.875	Paperhangers.....	1.550	1.550
Elevator constructors.....	1.840	1.820	Plasterers.....	1.875	1.875
Engineers—power equipment operators:			Plumbers.....	1.725	1.725
Air compressors:			Roofers:		
Steel erection <sup>1</sup> .....	1.750	1.750	Composition.....	1.625	1.625
Plant operation.....	1.625	1.625	Foremen and water-proofer.....	1.750	1.750
Portable.....	1.300	1.300	Slate and tile.....	1.875	1.750
Bulldozers.....	1.500	1.500	Sheet-metal workers.....	1.625	1.625
Cranes and draglines.....	1.875	1.875	Sign painters.....	1.675	1.675
Derricks <sup>1</sup> .....	1.750	1.750	Steam fitters.....	1.725	1.725
Graders:			Refrigeration service.....	1.250	1.250
Power.....	1.500	1.500	Sprinkler fitters.....	1.580	1.580
Blade.....	1.300	1.300	Stone cutters (outside).....	1.700	1.700
Hoists:			Inside.....	1.575	1.575
High speed.....	1.625	1.625	Stonemasons.....	1.875	1.875
Hoisting engines.....	1.500	1.500	Structural-iron workers.....	1.875	1.875
Mixers:			Sheeters.....	2.125	2.125
1 bag capacity, with side loaders.....	1.500	1.500	Bucker up.....	2.000	2.000
27E and over.....	1.625	1.625	Rodmen.....	1.875	1.875
Pumps, over 4-inch capacity discharge.....	1.500	1.500	Tile layers.....	1.725	1.725
Rollers, asphalt.....	1.500	1.500			
Scrapers.....	1.625	1.625	<b>Helpers and laborers</b>		
Shovels.....	1.875	1.875	Bricklayers' tenders.....	1.125	1.035
Tractors.....	1.300	1.300	Building laborers.....	1.125	1.035
Trenching machines.....	1.625	1.625	Elevator constructors' helpers.....	1.290	1.270
Glaziers.....	1.625	1.625	Marble setters' helpers.....	1.150	1.150
Granite cutters (outside).....	1.850	1.850	Plasterers' laborers.....	1.125	1.035
Inside (surface machine).....	1.250	1.250	Plumbers' laborers.....	1.225	1.150
Lathers.....	1.875	1.875	Sprinkler fitters' helpers.....	.950	.950
Machinists.....	1.625	1.625	Terrazzo workers' helpers.....	1.150	1.150
Marble setters.....	1.725	1.725	Tile layers' helpers.....	1.150	1.150

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## COLUMBUS, OHIO

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.625	\$1.625	Engineers—power equipment operators—Continued		
Boilermakers.....	1.500	1.500	Tractors.....	\$1.150	\$1.150
Bricklayers <sup>1</sup> .....	1.750	1.750	Trenching machines.....	1.500	1.500
Carpenters <sup>1</sup> .....	1.375	1.375	Glaziers.....	1.250	1.250
Wharf and bridge <sup>1</sup> .....	1.625	1.625	Lathers.....	1.550	1.550
Cement finishers <sup>1</sup> .....	1.438	1.438	Marble setters.....	1.375	1.375
Electricians (inside wiremen) <sup>1</sup> .....	1.500	1.500	Mosaic and terrazzo workers.....	1.250	1.250
Elevator constructors <sup>1</sup> .....	1.620	1.620	Painters <sup>1</sup> .....	1.375	1.375
Engineers—power equipment operators:			Structural steel and spray <sup>1</sup> .....	1.550	1.550
Air compressors (plant operation).....	1.500	1.500	Paperhangers.....	1.375	1.375
Portable.....	1.150	1.150	Plasterers.....	1.750	1.650
Bulldozers.....	1.375	1.375	Plumbers.....	1.580	1.580
Cranes and draglines.....	1.625	1.625	Roofers:		
Derricks.....	1.500	1.500	Composition.....	1.375	1.375
Graders:			Foremen.....	1.475	1.475
Power.....	1.375	1.375	Slate and tile.....	1.375	1.375
Elevating and blade.....	1.150	1.150	Sheet-metal workers.....	1.500	1.500
Hoists:			Sign painters.....	1.375	1.375
High speed.....	1.375	1.375	Steam fitters.....	1.580	1.580
Hoisting engines.....	1.300	1.300	Stonemasons.....	1.250	1.250
Mixers:			Stonemasons.....	1.750	1.750
Concrete, with capacity of more than 1 bag, or 1-bag capacity with side loaders.....	1.300	1.300	Structural-iron workers <sup>1</sup> .....	1.625	1.625
Paving, 27E and over.....	1.500	1.500	Rodmen <sup>1</sup> .....	1.625	1.625
Pumps, over 4-inch capacity discharge.....	1.300	1.300	Tile layers.....	1.500	1.500
Rollers, asphalt.....	1.375	1.375			
Scrapers.....	1.500	1.500	<i>Helpers and laborers</i>		
Showels.....	1.625	1.625	Bricklayers' tenders <sup>1</sup> .....	.925	.925
			Building laborers <sup>1</sup> .....	.800	.725
			Composition roofers' helpers.....	.800	.725
			Elevator constructors' helpers <sup>1</sup> .....	1.130	1.130
			Plasterers' laborers <sup>1</sup> .....	.925	.925

## DALLAS, TEX.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.625	\$1.625	Glaziers.....	\$1.125	\$1.000
Bricklayers.....	1.725	1.700	Lathers.....	1.625	1.625
Carpenters.....	1.250	1.250	Marble setters.....	1.625	1.500
Cement finishers.....	1.440	1.440	Mosaic and terrazzo workers.....	1.625	1.500
Electricians (inside wiremen).....	1.625	1.625	Painters.....	1.250	1.250
Elevator constructors.....	1.600	1.600	Spray or stage.....	1.500	1.500
Engineers—power equipment operators:			Paperhangers.....	1.250	1.250
Air compressors.....	1.250	1.250	Plasterers.....	1.625	1.625
Bulldozers.....	1.500	1.500	Plumbers.....	1.625	1.625
Cranes, derricks, and draglines.....	1.500	1.500	Roofers:		
Graders:			Composition <sup>1</sup> .....	1.150	1.000
Self-propelled.....	1.500	1.500	Slate and tile.....	1.150	1.000
Towed.....	1.250	1.250	Sheet-metal workers.....	1.625	1.500
Hoists:			Sign painters.....	1.250	1.250
1 drum.....	1.250	1.250	Steam fitters.....	1.625	1.625
2 drums.....	1.500	1.500	Stonemasons.....	1.725	1.700
LeTourneau.....	1.500	1.500	Structural-iron workers.....	1.500	1.500
Mixers:			Rodmen.....	1.250	1.250
Less than 14 cubic feet.....	1.250	1.250	Tile layers.....	1.625	1.500
14 cubic feet or over.....	1.500	1.500			
Pumps.....	1.250	1.250	<i>Helpers and laborers</i>		
Rollers.....	1.250	1.250	Bricklayers' tenders.....	.700	.700
Scrapers:			Building laborers.....	.700	.700
3 cubic yards or less.....	1.250	1.250	Elevator constructors' helpers.....	1.120	1.120
Over 3 cubic yards.....	1.500	1.500	Plasterers' laborers.....	.700	.700
Showels.....	1.500	1.500	Plumbers' laborers.....	.700	.700
Tractors.....	1.250	1.250	Steam fitters' helpers.....	.815	.815
Trenching machines.....	1.500	1.500			

## DAVENPORT, IOWA

[See Rock Island (Ill.) district]

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.<sup>2</sup> Hours per week, 44.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## DAYTON, OHIO

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.500	\$1.650	Glaziers.....	\$1.550	\$1.550
Boilermakers <sup>1</sup> .....	1.650	1.650	Lathers.....	1.725	1.600
Bricklayers.....	1.850	1.750	Machinists.....	1.600	1.600
Carpenters.....	1.575	1.500	Marble setters.....	1.625	1.500
Cement finishers.....	1.425	1.350	Mosaic and terrazzo workers.....	1.625	1.500
Electricians (inside wiremen) <sup>1</sup> .....	1.825	1.825	Painters.....	1.500	1.500
Elevator constructors.....	1.700	1.660	Spray.....	2.000	2.000
Engineers—power equipment operators:			Structural iron and bridge.....	1.750	1.750
Air compressors.....	1.500	1.500	Swing and scaffold.....	1.600	1.600
Portable.....	1.150	1.150	Paperhangers.....	1.500	1.500
Bulldozers.....	1.375	1.375	Plasterers.....	1.700	1.600
Cranes and draglines.....	1.625	1.625	Plumbers <sup>1</sup> .....	1.650	1.650
Derricks.....	1.500	1.500	Roofers:		
Graders:			Composition.....	1.320	1.320
Power.....	1.375	1.375	Foreman.....	1.480	1.420
Elevating and blade.....	1.150	1.150	Slate and tile.....	1.580	1.500
Hoists:			Sheet-metal workers.....	1.550	1.500
High speed.....	1.375	1.375	Sign painters <sup>1</sup> .....	1.725	1.725
Hoisting engines.....	1.300	1.300	Steam and sprinkler fitters <sup>1</sup> .....	1.650	1.650
Mixers:			Stonemasons.....	1.850	1.750
Concrete, with capacity of more than 1 bag or 1-bag capacity with side loaders.....	1.300	1.300	Structural-iron workers.....	1.725	1.650
Paving 27E and over.....	1.500	1.500	Rodmen.....	1.550	1.500
Pumps, over 4-inch capacity discharge.....	1.300	1.300	Tile layers.....	1.625	1.500
Rollers, asphalt.....	1.375	1.375			
Scrapers.....	1.500	1.500	<i>Helpers and laborers</i>		
Shovels.....	1.625	1.625	Bricklayers' tenders.....	1.150	1.100
Tractors.....	1.150	1.150	Building laborers.....	.850	.850
Trenching machines.....	1.500	1.500	Elevator constructors' helpers.....	1.190	1.160
			Plasterers' laborers.....	1.150	1.100
			Plumbers' laborers.....	.850	.850

## DENVER, COLO.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.500	\$1.400	Machinists.....	\$1.430	\$1.430
Boilermakers.....	1.500	1.500	Marble setters.....	1.650	1.500
Bricklayers.....	1.800	1.650	Mosaic and terrazzo workers.....	1.650	1.500
Sewer work.....	2.050	1.900	Painters.....	1.430	1.430
Carpenters.....	1.500	1.500	Paperhangers.....	1.430	1.430
Cement finishers.....	1.500	1.500	Plasterers.....	1.650	1.500
Composition floor layers.....	1.625	1.625	Plumbers.....	1.650	1.500
Electricians (inside wiremen).....	1.650	1.650	Roofers:		
Elevator constructors.....	1.650	1.500	Composition.....	1.500	1.500
Engineers—power equipment operators:			Foreman.....	1.625	1.625
Air compressors.....	1.500	1.500	Slate and tile.....	1.500	1.500
Bulldozers.....	1.500	1.500	Sheet-metal workers.....	1.625	1.500
Cranes, derricks, and draglines.....	1.625	1.625	Sign painters.....	1.500	1.500
Hoists:			Steam fitters.....	1.650	1.500
1 drum.....	1.500	1.500	Stonecutters.....	1.500	1.500
2 drums.....	1.625	1.625	Structural-iron workers.....	1.500	1.500
Mixers:			Rodmen.....	1.500	1.500
Under 1 cubic yard.....	1.500	1.500	Tile layers.....	1.650	1.500
1 cubic yard or over.....	1.625	1.625			
Pumps.....	1.500	1.500	<i>Helpers and laborers</i>		
Rollers.....	1.500	1.500	Bricklayers' tenders.....	1.250	1.100
Shovels.....	1.625	1.625	Government.....	1.150	1.100
Tractors.....	1.500	1.500	Building laborers.....	1.000	.800
Ditching machines.....	1.500	1.500	Government.....	.825	.800
Glaziers (outside).....	1.370	1.300	Elevator constructors' helpers.....	1.135	1.050
Inside.....	1.250	1.170	Marble setters' helpers <sup>1</sup> .....	1.000	1.000
Granite cutters (outside).....	1.500	1.500	Plasterers' laborers.....	1.250	1.100
Inside.....	1.250	1.250	Government.....	1.150	1.100
Surface-machine operators.....	1.375	1.375	Plumbers' laborers.....	1.150	1.000
Lathers.....	1.650	1.500	Terrazzo workers' helpers <sup>1</sup> .....	1.000	1.000
			Tile layers' helpers <sup>1</sup> .....	1.000	1.000

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

**TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued**

## DES MOINES, IOWA

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Marble setters.....	\$1.430	\$1.375
Bricklayers <sup>1</sup> .....	1.725	1.725	Mosaic and terrazzo workers.....	1.430	1.250
Carpenters.....	1.375	1.375	Painters.....	1.325	1.325
Cement finishers <sup>1</sup> .....	1.375	1.375	Spray.....	1.575	1.575
Electricians (inside wiremen) <sup>1</sup> .....	1.500	1.500	Paperhangers.....	1.325	1.325
Elevator constructors.....	1.555	1.485	Plasterers <sup>1</sup> .....	1.500	1.500
Engineers—power equipment operators:			Plumbers <sup>1</sup> .....	1.550	1.550
Air compressors.....	1.450	1.450	Roofers:		
Bulldozers.....	1.450	1.450	Composition:		
Cranes, derricks, and drag-lines.....	1.500	1.500	New work.....	1.100	1.100
Graders.....	1.500	1.500	Reroofing.....	1.000	1.000
Hoists:			Slate and tile.....	1.150	1.150
1 drum.....	1.450	1.450	Sheet-metal workers.....	1.500	1.500
2 drums.....	1.500	1.500	Sign painters.....	1.325	1.325
LeTourneau.....	1.500	1.500	Steamfitters <sup>1</sup> .....	1.550	1.550
Mixers:			Stonemasons.....	1.725	1.725
Under 2 bags.....	1.450	1.450	Structural-iron workers.....	1.500	1.450
Paving type.....	1.500	1.500	Rodmen.....	1.500	1.450
Pumps:			Tile layers.....	1.430	1.250
3 inches or under.....	1.125	1.125			
Over 3 inches.....	1.450	1.450	<i>Helpers and laborers</i>		
Rollers.....	1.450	1.450	Bricklayers' tenders.....	.850	.850
Scrapers.....	1.450	1.450	Building laborers.....	.850	.850
Shovels.....	1.500	1.500	Elevator constructors' helpers.....	1.090	1.040
Tractors.....	1.450	1.450	Marble setters' helpers.....	.850	.850
Trenching machines.....	1.500	1.500	Plasterers' laborers.....	1.025	.975
Glaziers.....	1.250	1.250	Plumbers' laborers.....	.850	.850
Lathers.....	1.500	1.430	Terrazzo workers' helpers.....	.850	.850
			Tile layers' helpers.....	.850	.850

## DETROIT, MICH.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.625	\$1.625	Roofers—Continued		
Home insulators.....	1.375	1.375	Slate and tile:		
Boilermakers.....	1.750	1.750	Slaters.....	\$1.950	\$1.950
Bricklayers <sup>1</sup> .....	1.725	1.725	Precast tile.....	1.600	1.600
Carpenters <sup>1</sup> .....	1.500	1.500	Sheet-metal workers <sup>1</sup> .....	1.550	1.550
Cement finishers.....	1.500	1.500	Sign painters.....	1.650	1.650
Electricians (inside wiremen).....	1.850	1.850	Steam fitters.....	1.750	1.750
Elevator constructors <sup>1</sup> .....	1.750	1.750	Sprinkler fitters.....	1.580	1.580
Engineers—power equipment operators:			Stonemasons <sup>1</sup> .....	1.725	1.725
Air compressors.....	1.438	1.438	Structural-iron workers.....	1.800	1.750
Building and road construction.....	1.675	1.675	Riggers.....	1.625	1.500
Steel erection.....	1.825	1.750	Rodmen <sup>1</sup> .....	1.500	1.500
Glaziers (outside).....	1.438	1.438	Tile layers.....	1.675	1.675
Lathers.....	1.725	1.675	Residential.....	1.675	1.500
Residential.....	1.675	1.675			
Machinists.....	1.750	1.750	<i>Helpers and laborers</i>		
Marble setters.....	1.725	1.725	Bricklayers' tenders.....	1.100	1.000
Mosaic and terrazzo workers.....	1.625	1.625	Mortar mixers.....	1.100	1.000
Painters.....	1.500	1.500	Building laborers.....	1.000	.900
Spray and stage.....	1.750	1.750	Elevator constructors' helpers <sup>1</sup> .....	1.225	1.225
Paperhangers.....	1.500	1.500	Marble setters' helpers.....	1.125	1.125
Plasterers.....	1.725	1.725	Plasterers' laborers.....	1.250	1.250
Residential.....	1.625	1.625	Sprinkler fitters' helpers.....	.950	.950
Plumbers.....	1.750	1.750	Terrazzo workers' helpers.....	1.150	1.150
Roofers:			Base-machine operators.....	1.438	1.438
Composition.....	1.550	1.550	Tile layers' helpers.....	1.125	1.125
Foremen.....	1.900	1.900			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## DULUTH, MINN.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.200	\$1.200	Engineers—power equipment operators—Continued		
Bricklayers.....	1.500	1.438	Trenching machines <sup>1</sup> .....	\$1.500	\$1.500
Carpenters.....	1.285	1.275	Glaziers.....	.978	.978
Cement finishers.....	1.150	1.000	Lathers.....	1.350	1.350
Electricians (inside wiremen).....	1.400	1.400	Marble setters.....	1.500	1.438
Elevator constructors.....	1.400	1.400	Painters.....	1.250	1.125
Engineers—power equipment operators:			Structural steel.....	1.500	1.250
Air compressors <sup>1</sup> .....	1.200	1.200	Paperhangers.....	1.250	1.125
Bulldozers <sup>1</sup> .....	1.500	1.500	Plasterers.....	1.500	1.350
Cranes, derricks, and drag-lines.....	1.625	1.625	Plumbers.....	1.375	1.375
Graders <sup>1</sup> .....	1.250	1.250	Roofers, composition <sup>1</sup> .....	1.000	1.000
Elevating <sup>1</sup> .....	1.300	1.300	Foremen.....	1.200	1.200
Hoists, 1 drum <sup>1</sup> .....	1.500	1.500	Sheet-metal workers <sup>1</sup> .....	1.300	1.300
LeTourneau <sup>1</sup> .....	1.500	1.500	Sign painters.....	1.450	1.375
Mixers:			Steam fitters.....	1.375	1.375
148 and under <sup>1</sup> .....	1.200	1.200	Stonemasons.....	1.500	1.438
Over 148.....	1.400	1.400	Structural-iron workers.....	1.625	1.500
Pumps <sup>1</sup> .....	1.200	1.200	Rodmen.....	1.375	1.250
Rollers:			Tile layers.....	1.500	1.438
Under 8 tons <sup>1</sup> .....	1.250	1.250			
8 tons or over <sup>1</sup> .....	1.500	1.500	<i>Helpers and laborers</i>		
Scrapers <sup>1</sup> .....	1.500	1.500	Bricklayers' tenders.....	? .875	? .875
Shovels <sup>1</sup> .....	1.625	1.625	Building laborers.....	? .775	? .775
Tractors.....	1.200	1.200	Plasterers' laborers <sup>1</sup> .....	? 1.000	? 1.000
50-horsepower or less without power take-off <sup>1</sup> .....	1.000	1.000	Plumbers' laborers.....	? .775	? .775

## EL PASO, TEX.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Glaziers.....	\$1.250	\$1.125
Bricklayers.....	1.625	1.625	Marble setters.....	1.625	1.625
Carpenters.....	1.250	1.250	Mosaic and terrazzo workers.....	1.625	1.625
Cement finishers.....	1.440	1.250	Painters.....	1.250	1.125
Electricians (inside wiremen).....	1.500	1.500	Stages.....	1.375	1.250
Engineers—power equipment operators:			Spray and structural steel.....	1.500	1.375
Air compressors.....	1.000	1.000	Paperhangers.....	1.250	1.125
Bulldozers.....	1.250	1.250	Plasterers.....	1.625	1.500
Cranes, derricks, and drag-lines.....	1.500	1.500	Plumbers and gas fitters.....	1.625	1.500
Graders, road.....	1.000	1.000	Sheet-metal workers.....	1.500	1.500
Hoists:			Sign painters.....	1.250	1.250
1 drum.....	1.250	1.250	Steam fitters.....	1.625	1.500
2 drums.....	1.500	1.500	Stonemasons.....	1.625	1.625
LeTourneau.....	1.250	1.250	Stonemasons.....	1.000	1.000
Mixers:			Structural-iron workers.....	1.500	1.500
Under 108.....	1.000	1.000	Rodmen.....	1.250	1.250
108 or over.....	1.500	1.500	Tile layers.....	1.625	1.625
Pumps.....	1.000	1.000			
Rollers.....	1.250	1.250	<i>Helpers and laborers</i>		
Shovels.....	1.500	1.500	Plumbers' laborers.....	.750	.750
Tractors.....	1.250	1.250			
Trenching machines.....	1.500	1.500			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

<sup>2</sup> Hours per week, 44.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## ERIE, PA.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Marble setters.....	\$1.500	\$1.500
Bricklayers.....	1.750	1.750	Mosaic and terrazzo workers.....	1.500	1.500
Carpenters.....	1.375	1.375	Painters.....	1.275	1.275
Cement finishers.....	1.500	1.500	Spray.....	1.600	1.600
On scaffold above 3 floors.....	1.650	1.650	Swing.....	1.400	1.400
Electricians (inside wiremen).....	1.500	1.500	Structural-iron workers.....	1.500	1.500
Elevator constructors.....	1.570	1.570	Paperhangers.....	1.275	1.275
Engineers—power equipment operators:			Plasterers.....	1.725	1.625
Air compressors.....	1.375	1.375	Plumbers.....	1.500	1.500
Bulldozers.....	1.500	1.500	Roofers:		
Cranes, derricks, and drag-lines.....	1.750	1.750	Composition.....	1.250	1.250
Graders:			Slate and tile.....	1.250	1.250
Elevating.....	1.750	1.750	Sheet-metal workers.....	1.250	1.250
Power.....	1.500	1.500	Steam fitters.....	1.500	1.500
Hoists:			Stonemasons.....	1.750	1.750
1 drum.....	1.375	1.375	Structural-iron workers.....	1.675	1.675
2 drums.....	1.750	1.750	Rodmen.....	1.438	1.438
LeTourneau.....	1.625	1.625	Tile layers.....	1.500	1.500
Mixers:			<i>Helpers and laborers</i>		
Less than 1 yard.....	1.375	1.375	Bricklayers' tenders:		
Paving.....	1.750	1.750	Using wheelbarrow.....	.925	.925
Pumps.....	1.375	1.375	Using hod.....	1.025	1.025
Rollers:			Building laborers.....	.825	.825
On grade.....	1.375	1.375	Elevator constructors' helpers.....	1.100	1.100
On finish.....	1.500	1.500	Marble setters' helpers.....	.925	.925
Scrapers.....	1.625	1.625	Plasterers' laborers.....	1.025	1.025
Shovels.....	1.750	1.750	Plumbers' laborers.....	.925	.925
Tractors.....	1.375	1.375	Steam fitters' helpers.....	.850	.850
Trenching machines.....	1.625	1.625	Terrazzo workers' helpers.....	.925	.925
Glaziers.....	1.250	1.250	Tile layers' helpers.....	.925	.925
Lathers.....	1.750	1.750			

## GRAND RAPIDS, MICH.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.525	\$1.525	Roofers—Continued		
Bricklayers <sup>1</sup> .....	1.650	1.650	Slate and tile.....	\$1.250	\$1.250
Carpenters <sup>1</sup> .....	1.250	1.250	Sheet-metal workers.....	1.250	1.250
Wharf, bridge, and mill-wrights.....	1.500	1.500	Sign painters.....	1.500	1.500
Cement finishers <sup>1</sup> .....	1.250	1.250	Steam fitters.....	1.500	1.500
Electricians (inside wiremen).....	1.750	1.750	Stonemasons <sup>1</sup> .....	1.650	1.650
Residential.....	1.500	1.250	Structural-iron workers.....	1.725	1.725
Elevator constructors.....	1.625	1.625	Rodmen.....	1.430	1.430
Glaziers (outside).....	1.240	1.240	Tile layers.....	1.440	1.440
Lathers.....	1.500	1.500	<i>Helpers and laborers</i>		
Marble setters.....	1.440	1.440	Bricklayers' tenders <sup>1</sup> .....	.850	.800
Mosaic and terrazzo workers.....	1.440	1.440	Building laborers <sup>1</sup> .....	.850	.700
Painters <sup>1</sup> .....	1.150	1.150	Elevator constructors' helpers.....	1.140	1.140
Spray and swing stage <sup>1</sup> .....	1.400	1.400	Marble setters' helpers.....	1.000	1.000
Paperhangers <sup>1</sup> .....	1.150	1.150	Plasterers' laborers <sup>1</sup> .....	1.000	.800
Plasterers <sup>1</sup> .....	1.500	1.500	Terrazzo workers' helpers.....	1.000	1.000
Plumbers.....	1.500	1.500	Base-machine operators.....	1.250	1.250
Roofers:			Tile layers' helpers.....	1.000	1.000
Composition.....	1.150	1.150			
Foremen.....	1.250	1.250			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945 and July 1, 1944—Continued

## HOUSTON, TEX.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.625	\$1.625	Lathers <sup>1</sup> .....	\$1.625	\$1.625
Boilermakers.....	1.500	1.500	Machinists.....	1.625	1.625
Bricklayers.....	1.725	1.725	Marble setters.....	1.580	1.580
Carpenters.....	1.375	1.375	Mosaic and terrazzo workers.....	1.580	1.580
Cement finishers.....	1.500	1.500	Painters.....	1.250	1.250
Electricians (inside wiremen) <sup>1</sup> .....	1.625	1.625	Spray.....	1.500	1.500
Elevator constructors.....	1.625	1.625	Structural steel and stage.....	1.375	1.375
Engineers—power equipment operators:			Paperhangers.....	1.250	1.250
Air compressors.....	1.250	1.250	Plasterers <sup>1</sup> .....	1.625	1.625
Bulldozers.....	1.500	1.500	Plumbers.....	1.625	1.625
Cranes, derricks, and draglines.....	1.500	1.500	Roofers:		
Graders, road and elevating:			Composition <sup>1</sup> .....	1.125	1.125
Towed.....	1.250	1.250	Slate and tile.....	1.500	1.500
Self-propelled.....	1.500	1.500	Sheet-metal workers <sup>1</sup> .....	1.625	1.625
Hoists:			Sign painters.....	1.500	1.500
1 drum.....	1.250	1.250	Steam fitters.....	1.625	1.625
2 drums.....	1.500	1.500	Stonemasons.....	1.725	1.725
Mixers:			Structural-iron workers.....	1.625	1.625
Less than 14 cubic feet.....	1.250	1.250	Rodmen.....	1.375	1.375
14 cubic feet or over.....	1.500	1.500	Tile layers.....	1.580	1.580
Pumps, larger than 2 inches.....	1.250	1.250			
Scrapers:			<i>Helpers and laborers</i>		
3 cubic yards or less.....	1.250	1.250	Bricklayers' tenders.....	.750	.750
Over 3 cubic yards.....	1.500	1.500	Building laborers.....	.600	.600
Tractors.....	1.250	1.250	Elevator constructors' helpers.....	1.140	1.140
Trenching machines.....	1.500	1.500	Plasterers' laborers.....	.750	.750
Glaziers.....	1.250	1.250	Plumbers' laborers.....	.700	.700

## INDIANAPOLIS, IND.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.500	\$1.500	Machinists.....	\$1.500	\$1.500
Boilermakers <sup>1</sup> .....	1.700	1.700	Marble setters <sup>1</sup> .....	1.500	1.500
Bricklayers <sup>1</sup> .....	1.675	1.675	Mosaic and terrazzo workers <sup>1</sup> .....	1.375	1.375
Carpenters <sup>1</sup> .....	1.425	1.425	Painters <sup>1</sup> .....	1.425	1.425
Cement finishers <sup>1</sup> .....	1.375	1.375	Spray <sup>1</sup> .....	1.675	1.675
Electricians (inside wiremen).....	1.700	1.625	Steel.....	1.750	1.750
Elevator constructors <sup>1</sup> .....	1.640	1.640	Paperhangers:		
Engineers—power equipment operators:			Agreement A.....	1.425	1.425
Air compressors <sup>1</sup> .....	1.100	1.100	Agreement B.....	1.425	1.425
In battery <sup>1</sup> .....	1.550	1.550	Plasterers.....	1.625	1.625
Bulldozers <sup>1</sup> .....	1.550	1.550	Plumbers <sup>1</sup> .....	1.625	1.625
Cranes, derricks, and draglines <sup>1</sup> .....	1.600	1.600	Roofers:		
Graders:			Composition <sup>1</sup> .....	1.175	1.175
Elevating <sup>1</sup> .....	1.550	1.550	Foremen <sup>1</sup> .....	1.275	1.275
Form <sup>1</sup> .....	1.300	1.300	Slate and tile <sup>1</sup> .....	1.325	1.325
Hoists <sup>1</sup> .....	1.600	1.600	Sheet-metal workers.....	1.470	1.470
Mixers:			Sign painters.....	1.375	1.375
Under 21 cubic feet.....	1.100	1.100	Steam fitters <sup>1</sup> .....	1.625	1.625
21 cubic feet or over <sup>1</sup> .....	1.550	1.550	Sprinkler fitters.....	1.580	1.580
Dual drum <sup>1</sup> .....	1.750	1.750	Stonemasons.....	1.675	1.675
Pumps:			Structural-iron workers.....	1.650	1.650
Over 2 inches <sup>1</sup> .....	1.300	1.300	Rodmen.....	1.650	1.650
In battery of 4 <sup>1</sup> .....	1.550	1.550	Tile layers <sup>1</sup> .....	1.500	1.500
Rollers:					
On earth <sup>1</sup> .....	1.300	1.300	<i>Helpers and laborers</i>		
On stone, blacktop, or brick <sup>1</sup> .....	1.550	1.550	Bricklayers' tenders.....	1.100	1.050
Shovels <sup>1</sup> .....	1.600	1.600	Building laborers.....	.850	.825
Tractors <sup>1</sup> .....	1.300	1.300	Composition roofers' helpers <sup>1</sup> .....	.800	.800
Trenching machines <sup>1</sup> .....	1.550	1.550	Elevator constructors' helpers <sup>1</sup> .....	1.150	1.150
Glaziers.....	1.425	1.425	Plasterers' laborers.....	1.100	1.050
Lathers <sup>1</sup> .....	1.500	1.500	Plumbers' laborers.....	.850	.825
			Terrazzo workers' helpers.....	1.000	1.000

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.<sup>2</sup> Hours per week, 44.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

JACKSON, MISS.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Bricklayers.....	\$1.625	\$1.500	Engineers—power equipment operators—Continued		
Carpenters.....	1.150	1.125	Tractors.....	\$1.125	\$1.125
Cement finishers.....	1.500	1.500	Trenching machines.....	1.375	1.375
Electricians (inside wiremen) <sup>1</sup> .....	1.375	1.375	Glaziers.....	1.000	1.000
Engineers—power equipment operators:			Lathers.....	1.250	1.250
Air compressors.....	1.125	1.125	Marble setters.....	1.500	1.500
In tandem.....	1.375	1.375	Mosaic and terrazzo workers.....	1.500	1.250
Bulldozers.....	1.375	1.375	Painters.....	1.000	1.000
Cranes, derricks, and drag-lines.....	1.375	1.375	Spray.....	1.500	1.500
Graders:			Swing stage.....	1.250	1.250
Road.....	1.125	1.125	Paperhangers.....	1.000	1.000
Motor.....	1.375	1.375	Plasterers.....	1.500	1.500
Hoists:			Plumbers.....	1.500	1.500
1 drum.....	1.125	1.125	Roofers:		
2 drums.....	1.375	1.375	Composition.....	1.150	1.000
Mixers:			Slate and tile.....	1.150	1.000
108 or smaller.....	1.125	1.125	Sheet-metal workers.....	1.250	1.250
Larger than 108.....	1.375	1.375	Sign painters.....	1.250	1.000
Pumps.....	1.125	1.125	Steam fitters.....	1.500	1.500
Rollers.....	1.375	1.375	Stonemasons.....	1.625	1.500
Scrapers.....	1.375	1.375	Structural-iron workers.....	1.500	1.500
Shovels.....	1.375	1.375	Rodmen.....	1.250	1.250
			Tile layers.....	1.500	1.250

JACKSONVILLE, FLA.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Mosaic and terrazzo workers <sup>1</sup> .....	\$1.500	\$1.500
Boilermakers.....	1.500	1.500	Painters.....	1.250	1.250
Bricklayers <sup>1</sup> .....	1.500	1.500	Spray.....	1.875	1.875
Carpenters <sup>1</sup> .....	1.125	1.125	Paperhangers.....	1.250	1.250
Millwrights and pile drivers <sup>1</sup> .....	1.250	1.250	Plasterers.....	1.600	1.500
Cement finishers.....	1.250	1.250	Plumbers and gas fitters.....	1.500	1.500
Electricians (inside wiremen).....	1.500	1.500	Roofers:		
Elevator constructors.....	1.500	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.....	1.250	1.250
Bulldozers.....	1.250	1.250	Sign painters.....	1.375	1.375
Cranes, derricks, and drag-lines.....	1.500	1.500	Steam fitters.....	1.500	1.500
Hoists:			Stonemasons.....	1.500	1.500
1 drum.....	1.250	1.250	Structural-iron workers.....	1.500	1.500
2 drums.....	1.500	1.500	Rodmen.....	1.250	1.250
Mixers.....	1.250	1.250	Tile layers <sup>1</sup> .....	1.500	1.500
Pumps.....	1.000	1.000			
Rollers.....	1.250	1.250	<i>Helpers and laborers</i>		
Shovels.....	1.000	1.500	Bricklayers' tenders.....	.600	.600
Tractors.....	1.000	1.000	Building laborers.....	.600	.500
Glaziers.....	1.000	1.000	Elevator constructors' helpers.....	1.050	1.050
Lathers <sup>1</sup> .....	1.500	1.500	Plasterers' laborers.....	.650	.650
Marble setters <sup>1</sup> .....	1.500	1.500	Plumbers' laborers.....	.600	.600

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

<sup>1</sup> Hours per week, 44.

**TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued**
**KANSAS CITY, MO.**

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.625	\$1.625	Mosaic and terrazzo workers.....	\$1.450	\$1.450
Boilermakers <sup>1</sup> .....	1.625	1.625	Painters.....	1.575	1.500
Bricklayers.....	1.750	1.650	Paperhangers.....	1.575	1.500
Carpenters.....	1.500	1.500	Plasterers.....	1.750	1.650
Finishers, hardwood.....	1.304	1.304	Plumbers and gas fitters.....	1.700	1.650
Cement finishers <sup>1</sup> .....	1.575	1.500	Roofers:		
Electricians (inside wiremen) <sup>1</sup> .....	1.650	1.650	Composition.....	1.440	1.375
Elevator constructors <sup>1</sup> .....	1.645	1.645	Foremen.....	1.580	1.500
Engineers—power equipment operators:			Slate and tile.....	1.440	1.375
Air compressors <sup>1</sup> .....	1.550	1.500	Sheet-metal workers.....	1.675	1.625
2 in tandem <sup>1</sup> .....	1.675	1.625	Residential.....	1.500	1.500
Bulldozers <sup>1</sup> .....	1.425	1.375	Sign painters.....	1.720	1.625
Cranes, derricks, and drag-lines <sup>1</sup> .....	1.675	1.625	Steam fitters.....	1.700	1.650
Graders, elevating <sup>1</sup> .....	1.425	1.375	Sprinkler fitters <sup>1</sup> .....	1.580	1.500
Hoists:			Stonemasons.....	1.500	1.400
1 drum <sup>1</sup> .....	1.550	1.500	Structural-iron workers.....	1.700	1.625
2 drums <sup>1</sup> .....	1.675	1.625	Rodmen.....	1.575	1.500
LeTourneau <sup>1</sup> .....	1.550	1.500	Tile layers <sup>1</sup> .....	1.500	1.450
Mixers <sup>1</sup> .....	1.550	1.500			
Pumps <sup>1</sup> .....	1.550	1.500	<i>Helpers and laborers</i>		
Rollers <sup>1</sup> .....	1.550	1.500	Bricklayers' tenders <sup>1</sup> .....	1.125	1.050
Shovels <sup>1</sup> .....	1.675	1.625	Building laborers.....	.975	.900
Tractors <sup>1</sup> .....	1.175	1.125	Elevator constructors' helpers <sup>1</sup> .....	1.150	1.150
Trenching machines (hoe) <sup>1</sup> .....	1.675	1.625	Marble setters' helpers.....	1.050	.960
Glaziers <sup>1</sup> .....	1.625	1.625	Plasterers' laborers <sup>1</sup> .....	1.125	1.050
Lathers.....	1.650	1.575	Plumbers' laborers.....	1.025	.950
Machinists.....	1.650	1.650	Sprinkler fitters' helpers <sup>1</sup> .....	.950	.875
Marble setters.....	1.650	1.500	Terrazzo workers' helpers.....	.960	.960
			Tile layers' helpers.....	1.050	.960

**LITTLE ROCK, ARK.**

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Glaziers.....	\$1.250	\$1.250
Bricklayers.....	1.625	1.625	Marble setters.....	1.625	1.625
Carpenters.....	1.250	1.250	Mosaic and terrazzo workers.....	1.625	1.625
Cement finishers.....	1.375	1.375	Painters.....	1.250	1.250
Electricians (inside wiremen).....	1.375	1.250	Spray.....	1.750	1.750
Government.....	1.375	1.375	Government.....	1.125	1.125
Elevator constructors.....	1.500	1.400	Structural steel.....	1.500	1.500
Engineers—power equipment operators:			Paperhangers.....	1.250	1.250
Air compressors.....	1.250	1.000	Plasterers.....	1.500	1.500
Bulldozers.....	1.375	1.250	Plumbers.....	1.500	1.500
Cranes, derricks, and drag-lines.....	1.500	1.500	Sheet-metal workers.....	1.250	1.250
Graders:			Sign painters.....	1.250	1.000
Road.....	1.250	1.250	Steam fitters.....	1.500	1.500
Elevating.....	1.250	1.000	Stonemasons.....	1.625	1.625
Hoists:			Structural-iron workers.....	1.500	1.500
1 drum.....	1.250	1.250	Rodmen.....	1.250	1.250
2 drums.....	1.500	1.500	Tile layers.....	1.625	1.625
Mixers:					
Under 2 bags.....	1.250	1.000	<i>Helpers and laborers</i>		
2 bags or over.....	1.500	1.250	Bricklayers' tenders.....	.750	.750
Pumps.....	1.250	1.250	Hod carriers.....	1.000	1.000
Rollers.....	1.250	1.000	Building laborers.....	.600	.600
Shovels.....	1.500	1.500	Elevator constructors' helpers.....	1.050	.980
Trenching machines.....	1.500	1.500	Plasterers' laborers.....	.750	.750
			Plumbers' laborers.....	.750	.750

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

**TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944**
**LOS ANGELES, CALIF.**

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.500	\$1.500	Glaziers <sup>1</sup> .....	\$1.250	\$1.250
Home insulators.....	1.125	1.125	Granite cutters.....	1.250	1.250
Boilermakers.....	1.650	1.650	Lathers:		
Bricklayers.....	1.500	1.500	Metal <sup>1</sup> .....	1.667	1.667
Carpenters <sup>1</sup> .....	1.350	1.350	Wood.....	1.500	1.500
Millwrights <sup>1</sup> .....	1.550	1.550	Machinists.....	1.550	1.550
Parquetry floor layers <sup>1</sup> .....	1.425	1.425	Marble setters.....	1.438	1.438
Wharf and bridge <sup>1</sup> .....	1.575	1.575	Mosaic and terrazzo workers.....	1.500	1.500
Cement finishers <sup>1</sup> .....	1.500	1.500	Painters <sup>1</sup> .....	1.250	1.250
Composition and mastic finishers <sup>1</sup> .....	1.625	1.625	Spray <sup>1</sup> .....	1.500	1.500
Electricians (inside wiremen).....	1.700	1.700	Paperhangers <sup>1</sup> .....	1.375	1.375
Elevator constructors.....	1.590	1.590	Plasterers <sup>1</sup> .....	1.667	1.667
Engineers—power equipment operators:			Plumbers and gas fitters.....	1.750	1.500
Air compressors <sup>1</sup> .....	1.250	1.250	Lead burners.....	2.000	2.000
Bulldozers <sup>1</sup> .....	1.500	1.500	Utility plumbers.....	1.750	1.750
Cranes, derricks, and draglines:			Roofers:		
Capacity less than 1 cubic yard <sup>1</sup> .....	1.625	1.625	Composition <sup>1</sup> .....	1.313	1.313
Capacity 1 cubic yard or more.....	1.750	1.750	Foremen <sup>1</sup> .....	1.438	1.438
Graders <sup>1</sup> .....	1.375	1.375	Slate and tile <sup>1</sup> .....	1.313	1.313
Elevating <sup>1</sup> .....	1.625	1.625	Sheet-metal workers.....	1.500	1.500
Hoists.....	1.625	1.625	Sign painters.....	<sup>8</sup> 1.500	<sup>8</sup> 1.500
LeTourneau:			Advertising.....	<sup>8</sup> 1.714	<sup>8</sup> 1.714
Model Super C.....	1.500	1.500	Steam fitters.....	1.750	1.750
Models larger than Super C <sup>1</sup> .....	1.625	1.625	Sprinkler fitters.....	1.580	1.580
Mixers:			Refrigerator fitters:		
Paving type <sup>1</sup> .....	1.625	1.625	Certified journeymen.....	1.500	1.500
Skip type <sup>1</sup> .....	1.375	1.375	Noncertified journeymen.....	1.375	1.375
Mobile type <sup>1</sup> .....	1.500	1.500	Stonemasons.....	1.500	1.500
Pumps <sup>1</sup> .....	1.250	1.250	Structural-iron workers.....	1.625	1.625
Rollers <sup>1</sup> .....	1.375	1.375	Finishers.....	1.500	1.500
Scrapers <sup>1</sup> .....	1.500	1.500	Rodmen <sup>1</sup> .....	1.500	1.500
Shovels:			Tile layers.....	1.438	1.438
Capacity less than 1 cubic yard <sup>1</sup> .....	1.625	1.625	<i>Helpers and laborers</i>		
Capacity 1 cubic yard or more.....	1.750	1.750	Bricklayers' tenders.....	1.125	1.125
Tractors <sup>1</sup> .....	1.500	1.500	Building laborers.....	.875	.875
Trenching machines <sup>1</sup> .....	1.500	1.500	Elevator constructors' helpers.....	1.110	1.110
No. 224 Buckeye or larger.....	1.625	1.625	Marble setters' helpers.....	.900	.900
			Plasterers' laborers <sup>1</sup> .....	1.375	1.375
			Steam fitters' helpers.....	1.150	1.150
			Sprinkler fitters' helpers.....	.950	.950
			Terrazzo workers' helpers.....	1.000	1.000
			Grinding and base-machine operators.....	1.250	1.250
			Tile layers' helpers.....	.900	.900

**LOUISVILLE, KY.**

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.625	\$1.625	Engineers—power equipment operators—Continued		
Boilermakers.....	1.625	1.625	Hoists.....	\$1.575	\$1.500
Bricklayers.....	1.675	1.675	LeTourneau.....	1.575	1.500
Carpenters.....	1.500	1.425	Mixers:		
Cement finishers.....	1.500	1.425	Under 21 cubic feet.....	1.425	1.250
Electricians (inside wiremen) <sup>1</sup> .....	1.625	1.625	21 cubic feet and over.....	1.575	1.500
Elevator constructors.....	1.610	1.610	Pumps.....	1.150	1.000
Engineers—power equipment operators:			Rollers:		
Air compressors:			Bituminous.....	1.575	1.500
Under 200 cubic feet per minute capacity.....	1.425	1.250	Earth.....	1.150	1.000
200 cubic feet per minute capacity and over.....	1.575	1.500	Rock.....	1.425	1.250
Bulldozers.....	1.575	1.500	Shovels.....	1.575	1.500
Cranes, derricks, and draglines.....	1.575	1.500	Tractors:		
Graders:			Under 50-horsepower.....	1.150	1.000
Road.....	1.425	1.250	50-horsepower and over.....	1.425	1.250
Elevating.....	1.575	1.500	Trenching machines.....	1.575	1.500
			Glaziers.....	1.250	1.250
			Lathers.....	1.500	1.500
			Machinists.....	1.438	1.438

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

<sup>8</sup> Hours per week, 35.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

Classifications		Rate per hour		Classifications		Rate per hour	
		July 1, 1945	July 1, 1944			July 1, 1945	July 1, 1944
<i>Journeyman—Continued</i>				<i>Journeyman—Continued</i>			
Marble setters.....	\$1.500	\$1.500	Stonemasons.....	\$1.675	\$1.675		
Mosaic and terrazzo workers.....	1.440	1.250	Structural-iron workers.....	1.675	1.500		
Painters.....	1.250	1.250	Rodmen.....	1.500	1.375		
Paperhangers.....	1.150	1.000	Tile layers.....	1.440	1.250		
Plasterers.....	1.625	1.625	<i>Helpers and laborers</i>				
Plumbers <sup>1</sup> .....	1.625	1.625	Bricklayers' tenders.....	1.090	1.000		
Roofers:			Building laborers.....	.700	.700		
Composition <sup>1</sup> .....	1.100	1.100	Elevator constructors' helpers.....	1.125	1.125		
Slate and tile.....	1.375	1.375	Marble setters' helpers.....	.800	.700		
Sheet-metal workers <sup>1</sup> .....	1.425	1.425	Plasterers' laborers.....	1.090	1.000		
Sign painters.....	1.440	1.250	Terrazzo workers' helpers.....	.800	.700		
Steam fitters <sup>1</sup> .....	1.625	1.625	Base grinders.....	1.150	1.000		
Stonecutters.....	1.250	1.250	Flat grinders.....	.890	.800		
Planemen.....	1.000	1.000	Tile layers' helpers.....	.800	.700		
Stone carvers.....	1.375	1.375					

## MADISON, WIS.

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

## MANCHESTER, N. H.

<i>Journeyman</i>		<i>Journeyman—Continued</i>				
Bricklayers.....	\$1.750	\$1.750	Painters.....	\$1.000	\$1.000	
Carpenters <sup>1</sup> .....	1.150	1.150	Paperhangers.....	1.000	1.000	
Cement finishers.....	1.750	1.750	Plasterers.....	1.750	1.750	
Electricians (inside wiremen).....	1.250	1.125	Plumbers.....	1.500	1.500	
Engineers—power equipment operators:			Sheet-metal workers.....	1.100	1.100	
Air compressors:			Steam fitters.....	1.500	1.500	
220 cubic feet and under <sup>1</sup> .....	.875	.875	Stonemasons.....	1.750	1.750	
315 cubic feet and over.....	1.250	1.250	Structural-iron workers.....	1.650	1.650	
Cranes, derricks, and drag-lines <sup>1</sup> .....	1.650	1.650	Rodmen.....	1.650	1.650	
Mixers:			Tile layers.....	1.750	1.750	
Small <sup>1</sup> .....	.850	.850	<i>Helpers and laborers</i>			
Road <sup>1</sup> .....	1.350	1.350	Bricklayers' tenders.....	.900	.900	
Pumps.....	1.350	1.350	Building laborers.....	.750	.750	
Rollers:			Plasterers' laborers.....	.900	.900	
5 tons and under <sup>1</sup> .....	1.000	1.000	Steam fitters' helpers.....	.800	.800	
Over 5 tons <sup>1</sup> .....	1.125	1.125				
Shovels <sup>1</sup> .....	1.650	1.650				
Tractors.....	1.350	1.350				

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## MEMPHIS, TENN.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Engineers—power equipment operators—Continued		
Boilermakers <sup>1</sup> .....	1.500	1.500	Tractors—Continued		
Bricklayers.....	1.725	1.625	With power take-off.....	\$1.375	\$1.375
Carpenters.....	1.300	1.250	Trenching machines.....	1.375	1.375
Cement finishers.....	1.250	1.250	Glaziers.....	1.125	1.125
Machine operators.....	1.375	1.375	Lathers.....	1.500	1.500
Electricians (inside wiremen).....	1.580	1.580	Marble setters.....	1.500	1.500
Elevator constructors.....	1.570	1.540	Mosaic and terrazzo workers.....	1.500	1.500
Engineers—power equipment operators:			Painters.....	1.375	1.375
Air compressors:			Spray.....	1.500	1.500
One.....	1.000	1.000	Structural steel.....	1.625	1.625
Two.....	1.250	1.250	Paperhangers.....	1.375	1.375
Bulldozers.....	1.250	1.250	Plasterers.....	1.700	1.563
Cranes, derricks, and draglines.....	1.500	1.500	Plumbers <sup>1</sup> .....	1.500	1.500
Graders, road.....	1.250	1.250	Roofers:		
Hoists:			Composition.....	1.250	1.250
1 drum.....	1.250	1.250	Slate and tile.....	1.250	1.250
2 drums.....	1.500	1.500	Sheet-metal workers.....	1.438	1.438
LeTourneau.....	1.500	1.500	Sign painters.....	1.500	1.500
Mixers:			Steam fitters <sup>1</sup> .....	1.500	1.500
Without side loader.....	1.000	1.000	Stonemasons.....	1.725	1.625
With side loader.....	1.375	1.375	Structural-iron workers <sup>1</sup> .....	1.500	1.500
Pumps.....	1.000	1.000	Rodmen <sup>1</sup> .....	1.375	1.375
Rollers:			Tile layers.....	1.500	1.500
Top.....	1.250	1.250	<i>Helpers and laborers</i>		
On subgrade.....	1.375	1.375	Bricklayers' tenders <sup>1</sup> .....	.750	.750
Shovels.....	1.500	1.500	Building laborers <sup>1</sup> .....	.575	.575
Tractors:			Elevator constructors' helpers.....	1.100	1.080
Caterpillar, etc.....	1.250	1.250	Plasterers' laborers <sup>1</sup> .....	.750	.750

## MILWAUKEE, WIS.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.525	\$1.525	Painters—Continued		
Boilermakers.....	1.700	1.500	Spray.....	\$1.425	\$1.425
Bricklayers.....	1.668	1.600	Structural iron.....	1.550	1.550
Sewer, tunnel, and caisson.....	1.750	1.750	Plasterers.....	1.580	1.500
Chimney masons.....	1.850	1.850	Plumbers.....	1.550	1.550
Carpenters <sup>1</sup> .....	1.425	1.425	Roofers:		
Millwrights.....	1.500	1.500	Composition.....	1.250	1.250
Cement finishers <sup>1</sup> .....	1.400	1.400	Built-up roofers.....	1.350	1.350
Finishing machines.....	1.500	1.500	Slate and tile <sup>1</sup> .....	1.500	1.500
Electricians (inside wiremen).....	1.500	1.500	Sheet-metal workers <sup>1</sup> .....	1.400	1.400
Residential.....	1.250	1.150	Sign painters.....	1.580	1.500
Elevator constructors.....	1.520	1.520	Steam fitters.....	1.550	1.550
Engineers—power equipment operators:			Sprinkler fitters.....	1.580	1.580
Air compressors <sup>1</sup> .....	1.200	1.200	Stonemasons.....	1.250	1.250
Bulldozers <sup>1</sup> .....	1.400	1.400	Stonemasons.....	1.668	1.600
Cranes, derricks, and draglines <sup>1</sup> .....	1.750	1.750	Structural-iron workers.....	1.575	1.575
Hoists <sup>1</sup> .....	1.450	1.450	Rodmen.....	1.438	1.438
Mixers, on building <sup>1</sup> .....	1.400	1.400	Tile layers.....	1.580	1.500
When power is used <sup>1</sup> .....	1.600	1.600	<i>Helpers and laborers</i>		
Pumps <sup>1</sup> .....	1.150	1.150	Bricklayers' tenders.....	1.100	1.100
Concrete <sup>1</sup> .....	1.600	1.600	Building laborers.....	1.000	1.000
Scrapers <sup>1</sup> .....	1.600	1.600	Elevator constructors' helpers.....	1.060	1.060
Shovels <sup>1</sup> .....	1.750	1.750	Marble setters' helpers.....	1.050	1.050
Tractors <sup>1</sup> .....	1.400	1.400	Plasterers' laborers.....	1.150	1.125
Glaziers.....	1.400	1.400	Plumbers' laborers <sup>1</sup> .....	1.150	1.150
Lathers.....	1.580	1.500	Secondmen <sup>1</sup> .....	1.050	1.050
Machinists.....	1.500	1.500	Steam fitters' helpers.....	.900	.900
Marble setters.....	1.500	1.500	Sprinkler fitters' helpers.....	.950	.950
Mosaic and terrazzo workers.....	1.500	1.400	Terrazzo workers' helpers.....	1.100	1.100
Painters.....	1.300	1.300	Base-machine operators.....	1.200	1.200
Swing and stage.....	1.400	1.400	Tile layers' helpers.....	1.100	1.100

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## MINNEAPOLIS, MINN.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.580	\$1.580	Glaziers.....	\$1.250	\$1.250
Boilermakers.....	1.700	1.700	Lathers.....	1.625	1.625
Bricklayers.....	1.625	1.625	Marble setters.....	1.625	1.425
Carpenters.....	1.440	1.440	Mosaic and terrazzo workers.....	1.440	1.300
Cement finishers <sup>1</sup> .....	1.440	1.440	Painters <sup>1</sup> .....	1.440	1.440
Composition floor.....	1.600	1.600	Swing.....	1.580	1.580
Electricians (inside wiremen).....	1.650	1.650	Paperhangers <sup>1</sup> .....	1.440	1.440
Elevator constructors.....	1.600	1.500	Plasterers <sup>1</sup> .....	1.625	1.625
Engineers—power equipment operators:			Plumbers.....	1.550	1.500
Air compressors <sup>1</sup> .....	1.200	1.200	Roofers:		
Bulldozers.....	1.500	1.500	Composition.....	1.380	1.380
Cranes, derricks, and drag-lines <sup>1</sup> .....	1.625	1.625	Foremen.....	1.480	1.480
Graders.....	1.250	1.250	Slate and tile.....	1.380	1.380
Elevating.....	1.300	1.300	Sheet-metal workers <sup>1</sup> .....	1.500	1.500
Hoists, 1 drum <sup>1</sup> .....	1.500	1.500	Sign painters.....	1.625	1.625
LeTourneau.....	1.500	1.500	Steam fitters.....	1.550	1.500
Mixers:			Sprinkler fitters.....	1.580	1.580
148 and under <sup>1</sup> .....	1.200	1.200	Structural-iron workers.....	1.625	1.625
Over 148 <sup>1</sup> .....	1.400	1.400	Rodmen.....	1.500	1.500
Pumps <sup>1</sup> .....	1.200	1.200	Tile layers.....	1.550	1.425
Rollers:			<i>Helpers and laborers</i>		
Under 8 tons.....	1.250	1.250	Bricklayers' tenders.....	.950	.950
8 tons or over.....	1.500	1.500	Building laborers.....	.950	.950
Shovels.....	1.625	1.625	Composition workers' helpers.....	.950	.950
Tractors:			Elevator constructors' helpers.....	1.120	1.050
50-horsepower or less, without power take-off.....	1.000	1.000	Plasterers' laborers <sup>1</sup> .....	1.200	1.200
50-horsepower or less with power take-off or over 50-horsepower without.....	1.200	1.200	Plumbers' laborers <sup>1</sup> .....	1.050	1.050
Trenching machines <sup>1</sup> .....	1.500	1.500	Steam fitters' helpers.....	.800	.750
			Sprinkler fitters' helpers.....	.950	.950
			Terrazzo workers' helpers.....	.975	.975
			Tile layers' helpers.....	.950	.950

## MOBILE, ALA.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.500	\$1.500	Lathers (metal).....	\$1.500	\$1.500
Boilermakers.....	1.500	1.500	Marble setters.....	1.625	1.625
Bricklayers <sup>1</sup> .....	1.625	1.625	Mosaic and terrazzo workers.....	1.625	1.625
Carpenters.....	1.375	1.375	Painters.....	1.250	1.250
Pile drivers and dock builders.....	1.500	1.500	Swing, stage, and structural.....	1.500	1.500
Cement finishers.....	1.375	1.375	Spray.....	2.000	2.000
Electricians (inside wiremen).....	1.500	1.500	Paperhangers.....	1.350	1.350
Engineers—power equipment operators:			Plasterers.....	1.375	1.375
Air compressors.....	1.250	1.250	Plumbers.....	1.750	1.750
Bulldozers.....	1.500	1.500	Roofers:		
Cranes, derricks, and drag-lines.....	1.500	1.500	Composition.....	1.375	1.375
Graders.....	1.250	1.250	Foremen.....	1.500	1.500
Elevating.....	1.500	1.500	Slate and tile.....	1.375	1.375
Hoists.....	1.500	1.500	Sheet-metal workers.....	1.375	1.375
LeTourneau.....	1.500	1.500	Sign painters.....	1.625	1.625
Mixers:			Steam fitters.....	1.750	1.750
Central.....	1.500	1.500	Stonemasons.....	1.625	1.625
Others.....	1.250	1.250	Structural-iron workers.....	1.500	1.500
Pumps.....	1.250	1.250	Rodmen.....	1.250	1.250
Rollers:			Tile layers.....	1.625	1.625
Street and road.....	1.250	1.250	<i>Helpers and laborers</i>		
Road.....	1.500	1.500	Bricklayers' tenders.....	.750	.750
Scrapers.....	1.500	1.500	Mortar mixers.....	.850	.850
Shovels.....	1.500	1.500	Building laborers.....	.650	.650
Tractors.....	1.250	1.250	Composition roofers' helpers.....	.750	.750
Trenching machines.....	1.500	1.500	Marble setters' helpers.....	.750	.750
Glaziers.....	1.250	1.250	Plasterers' laborers.....	.750	.750
			Tile layers' helpers.....	.750	.750

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## NASHVILLE, TENN.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.500	\$1.500	Glaziers.....	\$1.125	\$1.125
Bricklayers.....	1.725	1.725	Lathers <sup>1</sup> .....	1.500	1.500
Carpenters.....	1.320	1.250	Marble setters.....	1.500	1.500
Cement finishers.....	1.250	1.250	Mosaic and terrazzo workers.....	1.500	1.500
Electricians (inside wiremen).....	1.500	1.500	Painters <sup>1</sup> .....	1.250	1.250
Elevator constructors.....	1.525	1.525	Spray.....	1.500	1.500
Engineers—power equipment operators:			Paperhangers.....	1.250	1.250
Air compressors:			Plasterers <sup>1</sup> .....	1.500	1.500
One.....	1.000	1.000	Plumbers.....	1.580	1.500
Two in tandem.....	1.250	1.250	Roofers:		
Bulldozers.....	1.250	1.250	Composition.....	1.000	1.000
Cranes, derricks, and drag-lines.....	1.500	1.500	Slate and tile.....	1.125	1.125
Graders, road.....	1.250	1.250	Sheet-metal workers <sup>1</sup> .....	1.250	1.250
Hoists:			Sign painters.....	1.250	1.250
1 drum.....	1.250	1.250	Steam fitters.....	1.580	1.500
2 drums.....	1.500	1.500	Stonemasons.....	1.725	1.725
LeTourneau.....	1.500	1.500	Structural-iron workers.....	1.625	1.500
Mixers:			Rodmen.....	1.500	1.375
Without side loader.....	1.000	1.000	Tile layers.....	1.500	1.500
With side loader.....	1.375	1.375			
Pumps.....	1.000	1.000	<i>Helpers and laborers</i>		
Rollers:			Bricklayers' tenders.....	.700	.650
Top rollers.....	1.250	1.250	Mortar mixers.....	.775	.775
Subgrade.....	1.375	1.375	Building laborers.....	.600	.525
Shovels.....	1.500	1.500	Elevator constructors' helpers.....	1.068	1.068
Tractors:			Plasterers' laborers.....	.700	.650
Caterpillar, etc.....	1.250	1.250	Plumbers' laborers.....	.600	.600
With power take-off.....	1.375	1.375			
Trenching machines.....	1.375	1.375			

## MOLINE, ILL.

(See Rock Island (Ill.) district)

## NEWARK, N. J.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.875	\$1.750	Painters <sup>1</sup> .....	\$1.714	\$1.714
Home insulators.....	1.000	1.000	Structural steel.....	2.000	2.000
Boilermakers.....	2.000	2.000	Paperhangers.....	1.714	1.714
Bricklayers.....	2.000	2.000	Plasterers <sup>1</sup> .....	2.000	2.000
Carpenters.....	2.000	2.000	Plumbers <sup>1</sup> .....	1.750	1.750
Wharf and bridge.....	1.850	1.850	Roofers:		
Cement finishers.....	2.000	2.000	Composition.....	1.850	1.850
Electricians (inside wiremen).....	2.000	2.000	Foremen.....	2.000	2.000
Elevator constructors.....	2.000	2.000	Slate and tile.....	1.850	1.850
Engineers—power equipment operators:			Sheet-metal workers.....	1.900	1.900
Air compressors.....	2.150	2.000	Sign painters.....	1.710	1.710
Bulldozers.....	1.525	1.375	Inside.....	1.500	1.500
Cranes, derricks, and drag-lines.....	2.400	2.250	Steam fitters.....	1.875	1.875
Graders.....	2.150	2.000	Sprinkler fitters.....	1.580	1.580
Hoists.....	2.150	2.000	Stonemasons.....	2.000	2.000
Steel erection.....	2.400	2.250	Structural-iron workers.....	2.000	2.000
Pumps.....	2.150	2.000	Rodmen.....	2.000	2.000
Rollers.....	2.150	2.000	Tile layers.....	1.750	1.750
Scrapers.....	2.150	2.000			
Shovels.....	2.150	2.000	<i>Helpers and laborers</i>		
Tractors.....	2.150	2.000	Bricklayers' tenders.....	1.250	1.250
Trenching machines.....	2.150	2.000	Building laborers.....	1.250	1.250
Glaziers.....	1.625	1.625	Elevator constructors' helpers.....	1.450	1.450
Lathers.....	1.900	1.900	Plasterers' laborers.....	1.250	1.250
Machinists.....	1.650	1.650	Steam fitters' helpers.....	1.250	1.250
Mosaic and terrazzo workers.....	<sup>8</sup> 1.750	<sup>8</sup> 1.750	Sprinkler fitters' helpers.....	.950	.950
			Terrazzo workers' helpers.....	<sup>8</sup> 1.300	<sup>8</sup> 1.300
			Tile layers' helpers <sup>1</sup> .....	1.313	1.313

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.<sup>8</sup> Hours per week, 35.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## NEW HAVEN, CONN.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.563	\$1.563	Mosaic and terrazzo workers.....	\$1.650	\$1.650
Bricklayers <sup>1</sup> .....	1.650	1.650	Painters <sup>1</sup> .....	1.375	1.375
Carpenters <sup>1</sup> .....	1.375	1.375	Paperhangers.....	1.375	1.375
Cement finishers <sup>1</sup> .....	1.650	1.650	Plasterers <sup>1</sup> .....	1.650	1.650
Electricians (inside wiremen).....	1.500	1.500	Plumbers.....	1.500	1.500
Residential.....	1.250	1.250	Roofers:		
Elevator constructors.....	1.650	1.650	Composition.....	1.500	1.600
Engineers—power equipment operators: <sup>2</sup>			Foremen.....	1.750	1.750
Air compressors.....	1.500	1.500	Slate and tile.....	1.375	1.875
Bulldozers.....	1.375	1.375	Sheet-metal workers <sup>1</sup> .....	1.500	1.500
Cranes, derricks, and drag-lines <sup>1</sup> .....	1.700	1.700	Sign painters.....	1.375	1.375
Graders.....	1.500	1.500	Steam fitters.....	1.500	1.500
Hoists:			Stonemasons <sup>1</sup> .....	1.650	1.650
1 drum.....	1.500	1.500	Structural-iron workers.....	1.800	1.800
2 drums or steel erection <sup>1</sup> .....	1.700	1.700	Rodmen.....	1.800	1.800
LeTourneau.....	1.375	1.375	Tile layers.....	1.650	1.650
Mixers.....	1.500	1.500	<i>Helpers and laborers</i>		
Pumps.....	1.500	1.500	Bricklayers' tenders.....	.950	.950
Rollers.....	1.500	1.500	Building laborers <sup>1</sup> .....	.950	.950
Scrapers.....	1.375	1.375	Elevator constructors' helpers.....	1.150	1.150
Shovels <sup>1</sup> .....	1.700	1.700	Marble setters' helpers.....	1.063	1.063
Tractors.....	1.375	1.375	Plasterers' laborers.....	.950	.950
Trenching machines.....	1.500	1.500	Terrazzo workers' helpers.....	1.063	1.063
Marble setters.....	1.650	1.650	Tile layers' helpers.....	1.063	1.063

## NEW ORLEANS, LA.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.625	\$1.625	Glaziers.....	\$1.313	\$1.313
Home insulators.....	1.150	1.125	Lathers.....	1.625	1.500
Boilermakers.....	1.500	1.500	Machinists.....	1.500	1.500
Bricklayers.....	1.625	1.500	Marble setters.....	1.625	1.500
Carpenters.....	1.375	1.250	Mosaic and terrazzo workers.....	1.500	1.500
Cement finishers.....	1.375	1.375	Painters <sup>1</sup> .....	1.150	1.125
Electricians (inside wiremen).....	1.625	1.625	Structural steel and spray <sup>1</sup> .....	1.400	1.375
Elevator constructors.....	1.520	1.470	Paperhangers <sup>1</sup> .....	1.150	1.125
Engineers—power equipment operators:			Plasterers.....	1.500	1.375
Air compressors.....	1.300	1.125	Plumbers.....	1.580	1.580
Cranes, derricks, and drag-lines.....	1.550	1.375	Roofers:		
Graders, blade.....	1.300	1.125	Composition.....	1.150	1.125
Hoists:			Foremen.....	1.300	1.250
1 drum.....	1.300	1.125	Slate and tile.....	1.150	1.125
2 drums.....	1.550	1.375	Sheet-metal workers.....	1.300	1.300
Mixers:			Sign painters.....	1.500	1.500
Paving.....	1.550	1.375	Steam and sprinkler fitters.....	1.580	1.580
Small.....	1.300	1.125	Stonemasons.....	1.625	1.500
Pumps (3-inch suction or more).....	1.300	1.125	Structural-iron workers.....	1.625	1.500
Rollers:			Rodmen.....	1.375	1.250
Brick, asphalt or subgrade.....	1.555	1.375	Tile layers.....	1.500	1.250
Except on brick, asphalt or subgrade.....	1.300	1.125	<i>Helpers and laborers</i>		
Shovels.....	1.550	1.375	Bricklayers' tenders.....	.850	.850
Tractors, snatch cats.....	1.300	1.125	Mortar mixers.....	.950	.950
Trenching machines.....	1.550	1.375	Building laborers.....	.700	.650
			Composition roofers' helpers.....	.750	.650
			Elevator constructors' helpers.....	1.060	1.030
			Plasterers' laborers.....	.850	.850

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

<sup>2</sup> 10 cents per hour additional for broken time work if rate is \$1.70 per hour; 15 cents if rate is \$1.50 per hour and 12½ cents if rate is \$1.375 per hour.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

NEW YORK, N. Y.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	<sup>10</sup> \$2.000	<sup>10</sup> \$2.000	Plumbers.....	\$2.000	\$2.000
Boilermakers.....	2.000	2.000	Brooklyn and Queens.....	<sup>8</sup> 2.000	2.000
Bricklayers <sup>1</sup> .....	<sup>11</sup> 2.000	<sup>11</sup> 2.000	Residential (Staten Island).....	1.750	1.750
Carpenters <sup>1</sup> .....	<sup>11</sup> 1.850	<sup>11</sup> 1.850	Roofers:		
Cement finishers.....	<sup>11</sup> 1.850	<sup>11</sup> 1.850	Composition <sup>1</sup> .....	<sup>11</sup> 1.700	<sup>11</sup> 1.700
Electricians (inside wiremen).....	2.000	2.000	Foremen <sup>1</sup> .....	<sup>11</sup> 1.840	<sup>11</sup> 1.840
Alterations and repairs.....	1.350	1.350	Slate and tile.....	2.000	2.000
Elevator constructors.....	2.000	2.000	Government.....	2.250	2.250
Engineers—power equipment operators:			Sheet-metal workers.....	<sup>11</sup> 2.000	<sup>11</sup> 2.000
Air compressors.....	1.925	1.925	Government.....	2.000	2.000
Portable.....	1.750	1.750	Sign painters.....	<sup>8</sup> 1.990	<sup>8</sup> 1.901
Cranes and derricks.....	2.025	2.025	Outdoor advertising.....	<sup>8</sup> 2.657	<sup>8</sup> 2.541
Draglines, steel derricks, and cranes.....	2.250	2.250	Steam and sprinker fitters.....	2.000	2.000
Graders.....	2.250	2.250	Stoncutters.....	<sup>8</sup> 1.929	<sup>8</sup> 1.929
Hoists:			Bluestone.....	<sup>8</sup> 1.904	<sup>8</sup> 1.904
1 drum.....	1.750	1.750	Stonemasons <sup>1</sup> .....	<sup>11</sup> 2.000	<sup>11</sup> 2.000
2 drums.....	2.025	2.025	Structural-iron workers.....	<sup>11</sup> 2.000	<sup>11</sup> 2.000
Power (regardless of motive power).....	1.925	1.925	Finishers.....	<sup>11</sup> 1.900	<sup>11</sup> 1.900
Mixers.....	1.925	1.925	Rodmen.....	1.850	1.850
Small, with loader attachments.....	1.750	1.750	Tile layers <sup>1</sup> .....	1.750	1.750
Pumps.....	1.750	1.750	<i>Helpers and laborers</i>		
Rollers.....	1.813	1.813	Bricklayers' tenders.....	<sup>11</sup> 1.214	<sup>11</sup> 1.214
Shovels.....	2.250	2.250	Building laborers <sup>1</sup> .....	1.100	1.100
Trenching machines.....	2.250	2.250	Excavating heavy construction <sup>1</sup> .....	1.100	.950
Glaziers.....	<sup>8</sup> 1.886	<sup>8</sup> 1.886	Concrete workers.....	<sup>11</sup> 1.214	<sup>11</sup> 1.214
Granite cutters (outside).....	<sup>8</sup> 2.000	<sup>8</sup> 2.000	Elevator constructors' helpers.....	1.450	1.450
Inside.....	<sup>8</sup> 1.643	<sup>8</sup> 1.643	Marble setters' helpers.....	1.468	1.366
Surface machine and sand blasters.....	<sup>8</sup> 1.714	<sup>8</sup> 1.714	Plasterers' laborers.....	<sup>11</sup> 1.420	<sup>11</sup> 1.420
Lathers.....	<sup>10</sup> 2.167	<sup>10</sup> 2.167	Brooklyn.....	<sup>11</sup> 1.517	<sup>11</sup> 1.517
Metal.....	1.850	1.850	Plumbers' laborers.....	1.167	1.167
Machinists.....	<sup>11</sup> 1.750	<sup>11</sup> 1.750	Brooklyn.....	1.179	1.179
Marble setters.....	<sup>11</sup> 1.880	<sup>11</sup> 1.750	Staten Island.....	1.163	1.163
Mosaic and terrazzo workers.....	<sup>8</sup> 1.750	<sup>8</sup> 1.750	Residential.....	1.000	1.000
Painters <sup>1</sup> .....	<sup>11</sup> 1.800	<sup>11</sup> 1.714	Steam and sprinker fitters' helpers.....	1.500	1.500
Decorators.....	<sup>8</sup> 1.888	<sup>8</sup> 1.888	Temporary heat.....	1.063	1.063
Steel <sup>1</sup> .....	<sup>11</sup> 1.900	<sup>11</sup> 1.750	Terrazzo workers' helpers <sup>1</sup> .....	<sup>8</sup> 1.300	<sup>8</sup> 1.300
Plasterers.....	<sup>10</sup> 2.000	<sup>10</sup> 2.000	Tile layers' helpers <sup>1</sup> .....	1.313	1.313

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

<sup>2</sup> Hours per week, 30.

<sup>3</sup> Hours per week, 35.

<sup>10</sup> 30 hours per week on commercial work and 40 hours per week on Government work.

<sup>11</sup> Commercial work, 35 hours per week; Government work, 40 hours per week.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## NORFOLK, VA.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.438	\$1.438	Marble setters.....	\$1.500	\$1.500
Bricklayers <sup>1</sup> .....	1.675	1.580	Mosaic and terrazzo workers.....	1.500	1.500
Carpenters <sup>1</sup> .....	1.150	1.125	Painters.....	1.250	1.250
Millwrights.....	1.500	1.500	Spray, scaffold, and struc-		
Cement finishers.....	1.250	1.250	tural steel.....	1.500	1.500
Electricians (inside wiremen) <sup>1</sup> .....	1.500	1.500	Paperhangers.....	1.250	1.250
Elevator constructors.....	1.480	1.480	Plasterers <sup>1</sup> .....	1.500	1.500
Engineers—power equipment			Plumbers.....	1.500	1.500
operators:			Roofers:		
Air compressors.....	1.375	1.375	Composition.....	1.000	.750
Bulldozers.....	1.375	1.375	Slate and tile.....	1.000	.750
Cranes, derricks, and drag-			Sheet-metal workers.....	1.250	1.250
lines.....	1.625	1.625	Sign painters.....	1.250	1.250
Graders.....	1.375	1.375	Steam fitters.....	1.500	1.500
Hoists:			Stonemasons <sup>1</sup> .....	1.500	1.500
1 drum.....	1.375	1.375	Structural-iron workers.....	1.500	1.500
2 drums.....	1.625	1.625	Rodmen.....	1.250	1.250
LeTourneau.....	1.375	1.375	Tile layers.....	1.500	1.500
Mixers.....	1.375	1.375			
Pumps.....	1.375	1.375	<i>Helpers and laborers</i>		
Rollers.....	1.375	1.375	Bricklayers' tenders.....	.800	.800
Shovels.....	1.625	1.625	Building laborers.....	.650	.650
Tractors.....	1.375	1.375	Composition roofers' helpers.....	.700	.700
Trenching machines.....	1.625	1.625	Elevator constructors' helpers.....	1.040	1.040
Glaziers.....	1.000	1.000	Plasterers' laborers.....	.800	.800
Lathers <sup>1</sup> .....	1.500	1.500			

## OKLAHOMA CITY, OKLA.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.625	\$1.625	Roofers:		
Bricklayers <sup>1</sup> .....	1.675	1.625	Composition.....	\$1.125	\$1.000
Carpenters.....	1.438	1.375	Slate and tile.....	1.125	1.000
Millwrights.....	1.580	1.500	Sheet-metal workers.....	1.375	1.375
Parquetry floor layers.....	1.438	1.375	Sign painters.....	1.250	1.250
Pile drivers.....	1.580	1.500	Steam fitters.....	1.500	1.500
Cement finishers <sup>1</sup> .....	1.500	1.500	Stonemasons <sup>1</sup> .....	1.675	1.625
Electricians (inside wiremen) <sup>1</sup> .....	1.500	1.500	Structural-iron workers.....	1.438	1.250
Glaziers.....	1.125	1.125	Rodmen.....	1.438	1.250
Lathers <sup>1</sup> .....	1.500	1.500	Tile layers.....	1.500	1.500
Marble setters.....	1.500	1.500			
Mosaic and terrazzo workers.....	1.500	1.500	<i>Helpers and laborers</i>		
Painters.....	1.300	1.250	Bricklayers' tenders <sup>1</sup> .....	12.850	12.850
Structural steel.....	1.550	1.500	Building laborers <sup>1</sup> .....	.650	.650
Spray.....	1.875	1.875	Plasterers' laborers <sup>1</sup> .....	12.850	12.850
Paperhangers.....	1.300	1.250	Plumbers' laborers <sup>1</sup> .....	.850	.850
Plasterers <sup>1</sup> .....	1.625	1.625			
Plumbers.....	1.500	1.500			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.<sup>12</sup> Hours per week, 45.

**TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued**
**OMAHA, NEBR.**

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.553	\$1.500	Paperhangers.....	\$1.200	\$1.200
Bricklayers.....	1.575	1.575	Plasterers.....	1.575	1.500
Carpenters.....	1.375	1.375	Plumbers.....	1.580	1.500
Cement finishers.....	1.450	1.375	Roofers:		
Electricians (inside wiremen) <sup>1</sup> .....	1.500	1.500	Composition.....	1.100	1.100
Elevator constructors.....	1.515	1.515	Foremen.....	1.250	1.250
Engineers—power equipment operators:			Slate and tile.....	1.250	1.250
Air compressors.....	1.250	1.250	Sheet-metal workers <sup>1</sup> .....	1.300	1.250
Bulldozers.....	1.250	1.250	Sign painters.....	1.300	1.300
Cranes, derricks, and draglines.....			Steam fitters.....	1.580	1.500
Hoists:			Stonemasons.....	1.575	1.575
1 drum.....	1.250	1.250	Structural-iron workers <sup>1</sup> .....	1.500	1.500
2 drums.....	1.500	1.500	Rodmen.....	1.500	1.500
Mixers.....	1.250	1.250	Tile layers.....	1.375	1.375
Pumps.....	1.250	1.250			
Rollers.....	1.250	1.250	<i>Helpers and laborers</i>		
Shovels.....	1.500	1.500	Bricklayers' tenders.....	.850	.850
Tractors.....	1.125	1.125	Hod carriers.....	.900	.900
Trenching machines.....	1.375	1.375	Building laborers.....	.700	.700
Glaziers.....	1.260	1.260	Elevator constructors' helpers.....	1.060	1.060
Lathers.....	1.500	1.500	Marble setters' helpers <sup>1</sup> .....	.850	.850
Machinists.....	1.350	1.350	Plasterers' laborers.....	.850	.850
Marble setters.....	1.375	1.375	Terrazzo workers' helpers <sup>1</sup> .....	.850	.850
Mosaic and terrazzo workers.....	1.375	1.375	Base-machine operators.....	.950	.950
Painters.....	1.200	1.200	Tile layers' helpers <sup>1</sup> .....	.850	.850
Swing stage.....	1.325	1.325	Sewer.....	.900	.900
Spray or structural steel.....	1.450	1.450			

**PEORIA, ILL.**

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Boilermakers <sup>1</sup> .....	\$1.700	\$1.700	Glaziers.....	\$1.450	\$1.450
Repair work.....	1.500	1.500	Lathers.....	1.500	1.500
Bricklayers.....	1.750	1.750	Machinists.....	1.750	1.750
Sewer.....	2.000	2.000	Marble setters.....	1.625	1.500
Carpenters.....	1.500	1.500	Mosaic and terrazzo workers.....	1.250	1.250
Cement finishers <sup>1</sup> .....	1.500	1.500	Painters.....	1.450	1.375
Electricians (inside wiremen).....	1.625	1.625	Swing stage.....	1.815	1.725
Elevator constructors.....	1.700	1.700	Spray.....	1.750	1.725
Engineers—power equipment operators:			Paperhangers.....	1.450	1.375
Air compressors <sup>1</sup> .....	1.250	1.250	Plasterers <sup>1</sup> .....	1.750	1.750
Riveting steel tunnel and caisson <sup>1</sup> .....	1.375	1.375	Plumbers <sup>1</sup> .....	1.625	1.625
Bulldozers <sup>1</sup> .....	1.650	1.650	Roofers:		
Cranes, derricks, and draglines <sup>1</sup> .....	1.650	1.650	Composition.....	1.425	1.375
On steel <sup>1</sup> .....	1.750	1.750	Foremen.....	1.550	1.500
Graders:			Slate and tile.....	1.425	1.375
Form <sup>1</sup> .....	1.250	1.250	Sheet-metal workers <sup>1</sup> .....	1.500	1.500
Elevating <sup>1</sup> .....	1.650	1.650	Sign painters.....	1.450	1.450
Hoists, 2 or more drums <sup>1</sup> .....	1.650	1.650	Steam fitters <sup>1</sup> .....	1.625	1.625
LeTourneau <sup>1</sup> .....	1.750	1.750	Stonemasons.....	1.750	1.750
Mixers:			Structural-iron workers.....	1.750	1.750
Under 3 bags <sup>1</sup> .....	1.250	1.250	Rodmen.....	1.750	1.750
3-bag to 21 E capacity <sup>1</sup> .....	1.375	1.375	Tile layers.....	1.625	1.500
Paving, 21 E and larger <sup>1</sup> .....	1.650	1.650			
Pumps:			<i>Helpers and laborers</i>		
Water.....	1.375	1.375	Bricklayers' tenders <sup>1</sup> .....	1.000	1.000
Concrete <sup>1</sup> .....	1.650	1.650	Building laborers <sup>1</sup> .....	1.000	1.000
Rollers:			Elevator constructors' helpers.....	1.190	1.190
On asphalt or brick <sup>1</sup> .....	1.650	1.650	Marble setters' helpers.....	1.000	1.000
On earth, 5 tons or less.....	1.250	1.250	Plasterers' laborers <sup>1</sup> .....	1.125	1.125
Scrapers <sup>1</sup> .....	1.650	1.650	Terrazzo workers' helpers.....	1.000	1.000
Shovels <sup>1</sup> .....	1.650	1.650	Tile layers' helpers.....	1.000	1.000
Tractors, straight cats <sup>1</sup> .....	1.250	1.250			
Trenching machines <sup>1</sup> .....	1.650	1.650			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## PHILADELPHIA, PA.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.675	\$1.675	Glaziers <sup>1</sup> .....	\$1.550	\$1.550
Home Insulators.....	1.000	1.000	30 feet or over above the ground.....	1.700	1.700
Boilermakers.....	1.750	1.750	Lathers.....	1.875	1.750
Bricklayers.....	2.000	2.000	Machinists.....	1.650	1.650
Residential <sup>1</sup> .....	1.620	1.620	Marble setters.....	1.750	1.650
Carpenters.....	1.580	1.580	Mosaic and terrazzo workers.....	1.650	1.650
Cement finishers.....	1.580	1.540	Painters <sup>1</sup> .....	1.500	1.500
Electricians (inside wiremen) <sup>1</sup> .....	1.875	1.875	Steel <sup>1</sup> .....	1.625	1.625
Residential <sup>1</sup> .....	1.500	1.500	Swing stage or spray <sup>1</sup> .....	1.625	1.500
Elevator constructors.....	1.910	1.910	Paperhangers <sup>1</sup> .....	1.375	1.375
Engineers—power equipment operators:			Plasterers.....	2.000	2.000
Air compressors:			Residential <sup>1</sup> .....	1.700	1.700
Daily unit.....	1.950	1.900	Plumbers.....	1.750	1.750
Weekly unit.....	1.700	1.650	Residential <sup>1</sup> .....	1.550	1.550
Bulldozers:			Roofers:		
Daily unit.....	1.500	1.500	Composition <sup>1</sup> .....	1.500	1.400
Weekly unit.....	1.375	1.375	Foremen.....	1.650	1.550
Cranes, derricks, and drag-lines:			Slate and tile.....	1.700	1.700
Daily unit.....	1.950	1.925	Sheet-metal workers.....	1.725	1.700
Weekly unit.....	1.850	1.800	Sign painters.....	1.513	1.513
Graders, elevating:			Outside advertising.....	1.650	1.650
Daily unit.....	1.850	1.780	Steam fitters.....	1.750	1.750
Weekly unit.....	1.750	1.650	Residential <sup>1</sup> .....	1.550	1.550
Hoists:			Sprinkler fitters.....	1.580	1.580
Daily unit.....	1.950	1.900	Stonemasons <sup>1</sup> .....	1.500	1.500
Weekly unit.....	1.750	1.650	Residential <sup>1</sup> .....	1.250	1.250
Mixers:			Structural-iron workers.....	1.900	1.900
Under ¼ cubic yard:			Riggers and machinery movers.....	1.550	1.500
Daily unit.....	1.200	1.100	Rodmen.....	1.610	1.575
Weekly unit.....	1.050	1.000	Tile layers.....	1.625	1.500
½ cubic yard or over:			Residential <sup>1</sup> .....	1.500	1.500
Daily unit.....	1.950	1.900			
Weekly unit.....	1.750	1.650	<i>Helpers and laborers</i>		
Pumps:			Bricklayers' tenders.....	.900	.825
Daily unit.....	1.850	1.780	Residential <sup>1</sup> .....	.925	.925
Weekly unit.....	1.750	1.650	Building laborers.....	.900	.825
Rollers:			Elevator constructors' helpers.....	1.340	1.340
Daily unit.....	1.625	1.500	Marble setters' helpers.....	1.150	1.100
Weekly unit.....	1.500	1.375	Plasterers' laborers <sup>1</sup> .....	1.325	1.325
Shovels:			Residential <sup>1</sup> .....	1.250	1.250
Daily unit.....	2.125	2.050	Sprinkler fitters' helpers.....	.950	.950
Weekly unit.....	2.000	1.925	Terrazzo workers' helpers.....	1.250	1.250
Tractors with scrapers or carry-alls:			Tile layers' helpers.....	1.035	1.035
Daily unit.....	1.850	1.780	Residential <sup>1</sup> .....	1.000	1.000
Weekly unit.....	1.750	1.650			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945 and July 1, 1944—Continued

## PHOENIX, ARIZ.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Glaziers.....	\$1.250	\$1.250
Boilermakers <sup>1</sup> .....	1.500	1.500	Lathers.....	1.500	1.500
Bricklayers.....	1.650	1.650	Machinists.....	1.375	1.375
Carpenters <sup>1</sup> .....	1.350	1.350	Marble setters.....	1.650	1.650
Parquetry floor layers.....	1.600	1.600	Mosaic and terrazzo workers.....	1.650	1.650
Millwrights <sup>1</sup> .....	1.475	1.475	Painters.....	1.300	1.250
Cement finishers.....	1.440	1.440	Spray.....	1.675	1.625
Electricians (inside wiremen).....	1.500	1.500	Structural steel.....	1.550	1.500
Residential.....	1.250	1.250	Swing stage.....	1.425	1.375
Elevator constructors.....	1.590	1.590	Paperhangers.....	1.425	1.375
Engineers—power equipment operators:			Plasterers.....	1.725	1.725
Air compressors:			Plumbers <sup>1</sup> .....	1.500	1.500
Portable type.....	1.000	1.000	Roofers:		
Stationary type.....	1.250	1.250	Composition.....	1.250	1.250
Bulldozers.....	1.500	1.500	Foremen.....	1.500	1.500
Cranes and derricks.....	1.500	1.500	Slate and tile.....	1.250	1.250
Draglines.....	1.700	1.625	Sheet-metal workers.....	1.440	1.250
Hoists, 1 or 2 drums.....	1.500	1.500	Sign painters.....	1.500	1.500
LeTourneau.....	1.625	1.625	Steam fitters <sup>1</sup> .....	1.500	1.500
Mixers:			Stonemasons.....	1.650	1.650
Under 58.....	1.125	1.125	Structural-iron workers.....	1.500	1.500
58 and over.....	1.500	1.500	Rodmen.....	1.375	1.375
Pumps.....	1.000	1.000	Tile layers.....	1.650	1.650
Pumpcrete operators.....	1.500	1.500			
Rollers.....	1.375	1.250	<i>Helpers and laborers</i>		
Shovels.....	1.700	1.625	Bricklayers' tenders.....	1.000	1.000
Tractors:			Building laborers.....	.875	.825
Less than 50-horsepower.....	1.250	1.250	Concrete workers.....	.950	.900
50-horsepower and over.....	1.500	1.500	Elevator constructors' helpers.....	1.110	1.110
Trenching machines:			Plasterers' laborers.....	1.250	1.250
Smaller than No. 224 buckeye.....	1.375	1.375	Steam fitters' helpers.....	.875	.875
No. 224 buckeye or larger.....	1.500	1.500	Tile layers' helpers.....	1.000	1.000

## PITTSBURGH, PA.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.750	\$1.750	Paperhangers.....	\$1.625	\$1.625
Boilermakers.....	1.750	1.625	Plasterers.....	1.875	1.875
Bricklayers.....	2.000	1.900	Plumbers and gas fitters.....	1.750	1.750
Carpenters.....	1.750	1.750	Roofers:		
Cement finishers.....	1.750	1.750	Composition.....	1.625	1.625
Electricians (inside wiremen).....	1.875	1.750	Foremen.....	1.750	1.750
Elevator constructors.....	1.805	1.805	Slate and tile.....	1.650	1.650
Engineers—power equipment operators:			Slab work.....	1.750	1.750
Air compressors.....	1.750	1.750	Sheet-metal workers.....	1.700	1.625
Bulldozers.....	1.500	1.500	Kitchen equipment.....	1.550	1.500
Cranes, derricks, and draglines.....	1.813	1.813	Sign painters:		
Graders:			Under 80 feet.....	1.750	1.750
Road.....	1.500	1.500	Over 80 feet.....	2.000	2.000
Elevating.....	1.813	1.813	Steam fitters <sup>1</sup> .....	1.750	1.750
Hoists:			Sprinkler fitters.....	1.580	1.580
1 drum.....	1.750	1.750	Stone cutters.....	1.625	1.625
2 drums.....	1.813	1.813	Carvers.....	2.000	2.000
LeTourneau.....	1.813	1.813	Stonemasons.....	1.750	1.625
Mixers.....	1.750	1.750	Structural-iron workers.....	1.750	1.750
Pumps.....	1.750	1.750	Rodmen.....	1.750	1.750
Rollers.....	1.750	1.750	Tile layers <sup>1</sup> .....	1.565	1.565
Shovels.....	1.813	1.813			
Tractors.....	1.500	1.500	<i>Helpers and laborers</i>		
Trenching machines.....	1.813	1.813	Bricklayers' tenders.....	1.250	1.250
Glaziers <sup>1</sup> .....	1.610	1.610	Building laborers.....	1.000	.900
Lathers.....	1.875	1.875	Elevator constructors' helpers.....	1.265	1.265
Residential.....	1.688	1.688	Marble setters' helpers.....	1.000	1.000
Machinists.....	1.500	1.500	Polishers.....	1.100	1.100
Marble setters.....	1.750	1.500	Plasterers' laborers.....	1.250	1.250
Mosaic and terrazzo workers.....	1.625	1.625	Plumbers' laborers.....	1.125	1.000
Painters <sup>1</sup> .....	1.625	1.625	Sprinkler fitters' helpers.....	.950	.950
Grainers.....	1.875	1.875	Terrazzo workers' helpers.....	1.125	1.125
			Tile layers' helpers.....	1.035	1.035

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.<sup>2</sup> Hours per week, 44.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## PORTLAND, MAINE

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1. 650	\$1. 650	Stonemasons.....	\$1. 600	\$1. 500
Bricklayers.....	1. 600	1. 500	Structural-iron workers.....	1. 438	1. 438
Carpenters.....	1. 160	1. 160	Rodmen.....	1. 375	1. 375
Cement finishers.....	1. 600	1. 500	Tile layers.....	1. 600	1. 500
Electricians (inside wiremen)....	1. 350	1. 350	<i>Helpers and laborers</i>		
Elevator constructors.....	1. 450	1. 450	Bricklayers' tenders.....	. 970	. 970
Marble setters.....	1. 600	1. 500	Building laborers.....	. 880	. 880
Mosaic and terrazzo workers.....	1. 600	1. 500	Elevator constructors' helpers....	1. 020	1. 020
Painters.....	1. 100	1. 100	Plasterers' laborers.....	1. 100	1. 100
Paperhangers.....	1. 100	1. 100	Steam fitters' helpers.....	1. 000	1. 000
Plasterers.....	1. 600	1. 500	Terrazzo workers' helpers.....	. 970	. 970
Plumbers.....	1. 600	1. 500			
Steam fitters.....	1. 500	1. 500			

## PORTLAND, OREG.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1. 515	\$1. 515	Glaziers.....	\$1. 438	\$1. 375
Boilermakers.....	1. 650	1. 650	Lathers.....	1. 625	1. 500
Bricklayers.....	1. 725	1. 625	Marble setters.....	1. 580	1. 375
Caulkers.....	1. 625	1. 625	Mosaic and terrazzo workers.....	1. 350	1. 350
Carpenters.....	1. 375	1. 350	Painters.....	1. 375	1. 320
Floor layers and shinglers....	1. 500	1. 500	Spray.....	1. 550	1. 500
Wharf and dock.....	1. 500	1. 500	Structural steel and swing stage.....	1. 500	1. 445
Cement finishers.....	1. 375	1. 250	Paperhangers.....	1. 375	1. 375
Composition, mastic, and gunite workers.....	1. 625	1. 625	Plasterers.....	1. 725	1. 600
Electricians (inside wiremen)....	1. 580	1. 500	Plumbers and gas fitters.....	1. 725	1. 725
Elevator constructors.....	1. 665	1. 600	Roofers:		
Engineers—power equipment operators:			Composition.....	1. 438	1. 400
Air compressors.....	1. 375	1. 375	Foremen.....	1. 563	1. 525
Cranes, derricks, and drag-lines:			Slate and tile.....	1. 438	1. 400
Under 1 cubic yard.....	1. 650	1. 650	Sheet-metal workers.....	1. 438	1. 375
1 to 5 cubic yards.....	1. 750	1. 750	Sign painters.....	1. 714	1. 714
Over 5 cubic yards.....	2. 000	2. 000	Steam fitters.....	1. 725	1. 725
Graders, elevating.....	1. 500	1. 500	Oil fitters.....	1. 250	1. 250
Hoists:			Stonemasons.....	1. 725	1. 625
1 drum.....	1. 450	1. 450	Structural-iron workers.....	1. 650	1. 630
2 drums.....	1. 700	1. 700	Rodmen.....	1. 375	1. 350
Steel erection.....	1. 650	1. 650	Tile layers.....	1. 500	1. 500
Mixers:			<i>Helpers and laborers</i>		
1 to 5 bags.....	1. 375	1. 375	Bricklayers' tenders.....	1. 300	1. 250
5 bags and over.....	1. 500	1. 500	Building laborers.....	. 950	. 950
Pumps.....	1. 375	1. 375	Elevator constructors' helpers....	1. 165	1. 120
Rollers:			Plasterers' laborers.....	1. 300	1. 200
Grade and surfacing.....	1. 250	1. 250			
Finishing, high type.....	1. 500	1. 500			
Shovels.....	1. 750	1. 750			
Tractors:					
50-horsepower and under.....	1. 400	1. 400			
Over 50-horsepower.....	1. 600	1. 600			
Tandem carry-all.....	1. 850	1. 850			
Trenching machines.....	1. 500	1. 500			

1 For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## PROVIDENCE, R. I.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.500	\$1.500	Paperhangers.....	\$1.250	\$1.250
Boilermakers.....	1.650	1.650	Plasterers.....	1.650	1.650
Bricklayers.....	1.650	1.650	Plumbers.....	1.550	1.500
Carpenters.....	1.350	1.350	Roofers:		
Cement finishers.....	1.325	1.325	Composition.....	1.250	1.250
Electricians (inside wiremen).....	1.500	1.375	Slate and tile.....	1.438	1.438
Elevator constructors.....	1.620	1.570	Sheet-metal workers.....	1.438	1.438
Engineers—power equipment operators:			Sign painters.....	1.250	1.250
Air compressors <sup>1</sup> .....	1.500	1.500	Steam fitters.....	1.550	1.500
All digging machines <sup>1</sup> .....	1.750	1.750	Stonemasons.....	1.650	1.650
Graders, motor <sup>1</sup> .....	1.250	1.250	Structural-iron workers.....	1.650	1.650
Hoists:			Rodmen.....	1.650	1.650
1 drum.....	1.500	1.500	Tile layers.....	1.500	1.500
2 drums <sup>1</sup> .....	1.750	1.750			
Pumps <sup>1</sup> .....	1.500	1.500	<i>Helpers and laborers</i>		
Rollers <sup>1</sup> .....	1.500	1.500	Bricklayers' tenders.....	.850	.850
Tractors <sup>1</sup> .....	1.250	1.250	Building laborers <sup>1</sup> .....	.850	.850
Glaziers <sup>1</sup> .....	1.300	1.300	Elevator constructors' helpers.....	1.130	1.090
Lathers.....	1.650	1.650	Marble setters' helpers.....	1.000	1.000
Marble setters.....	1.500	1.500	Plasterers' laborers.....	1.100	1.100
Mosaic and terrazzo workers.....	1.500	1.500	Steam fitters' helpers.....	1.000	.950
Painters.....	1.250	1.250	Terrazzo workers' helpers.....	1.000	1.000
Structural steel.....	1.500	1.500	Tile layers' helpers.....	1.000	1.000

## READING, PA.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos worker.....	\$1.675	\$1.675	Roofers:		
Bricklayers.....	1.583	1.583	Composition.....	\$1.050	\$1.050
Carpenters <sup>1</sup> .....	1.375	1.375	Slate and tile.....	1.200	1.200
Millwrights.....	1.500	1.500	Sheet-metal workers.....	1.375	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 <sup>1</sup> .....	1.375	1.375	Steam fitters.....	1.500	1.500
Contracts \$20,000 or over <sup>1</sup> .....	1.750	1.750	Stonemasons.....	1.583	1.583
Elevator constructors.....	1.560	1.560	Structural-iron workers.....	1.750	1.750
Engineers—power equipment operators, <sup>1a</sup>			Rodmen.....	1.550	1.550
Glaziers.....	1.250	1.250	Tile layers.....	1.583	1.583
Lathers.....	1.500	1.500			
Mosaic and terrazzo workers.....	1.583	1.583	<i>Helpers and laborers</i>		
Painters.....	1.320	1.250	Bricklayers' tenders.....	1.100	1.100
Spray.....	1.750	1.750	Building laborers.....	.800	.700
Steel or swing.....	1.500	1.500	Elevator constructors' helpers.....	1.092	1.092
Paperhangers.....	1.320	1.250	Plasterers' laborers.....	1.100	1.100
Plasterers.....	1.720	1.720	Plumbers' laborers.....	.800	.700
Plumbers.....	1.500	1.500			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945 see table 13, p. 64.

<sup>1a</sup> See Philadelphia, Pa.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945 and July 1, 1944—Continued

## RICHMOND, VA.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Engineers—power equipment operators—Continued		
Bricklayers.....	1.650	1.625	Tractors.....	\$1.250	\$1.250
Carpenters.....	1.150	1.150	Trenching machines.....	1.500	1.500
Millwrights.....	1.500	1.500	Glaziers.....	1.100	1.100
Cement finishers.....	1.250	1.250	Lathers.....	1.500	1.500
Electricians (inside wiremen).....	1.500	1.500	Machinists.....	1.500	1.500
Elevator constructors.....	1.530	1.530	Marble setters.....	1.500	1.500
Engineers—power equipment operators:			Mosaic and terrazzo workers.....	1.375	1.375
Air compressors.....	1.250	1.250	Painters <sup>1</sup> .....	1.100	1.100
Bulldozers.....	1.250	1.250	Spray <sup>1</sup> .....	1.550	1.550
Cranes, derricks, and draglines.....	1.500	1.500	Structural steel <sup>1</sup> .....	1.400	1.400
Graders, blade and motor.....	1.250	1.250	Paperhangers.....	1.100	1.100
Holsts:			Plasterers <sup>1</sup> .....	1.500	1.500
1 drum.....	1.250	1.250	Plumbers.....	1.500	1.500
2 drums.....	1.500	1.500	Sheet-metal workers.....	1.250	1.250
LeTourneau.....	1.250	1.250	Sign painters.....	1.450	1.450
Mixers.....	1.250	1.250	Steam fitters.....	1.500	1.500
Pumps.....	1.250	1.250	Stonemasons.....	1.650	1.625
Rollers.....	1.250	1.250	Structural-iron workers <sup>1</sup> .....	1.500	1.500
Shovels.....	1.500	1.500	Rodmen <sup>1</sup> .....	1.250	1.250
			Tile layers.....	1.375	1.375

## ROCHESTER, N. Y.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.650	\$1.650	Machinists.....	\$1.500	\$1.500
Boilermakers.....	1.750	1.750	Marble setters.....	1.580	1.580
Bricklayers.....	1.725	1.675	Mosaic and terrazzo workers.....	1.580	1.580
Government.....	1.725	1.725	Painters.....	1.450	1.450
Carpenters.....	1.535	1.500	Structural iron and bridge.....	1.500	1.500
Cement finishers.....	1.725	1.675	Spray.....	1.700	1.700
Government.....	1.725	1.725	Paperhangers.....	1.450	1.450
Electricians (inside wiremen) <sup>1</sup> .....	1.700	1.700	Plasterers.....	1.725	1.675
Elevator constructors.....	1.710	1.650	Government.....	1.725	1.725
Engineers—power equipment operators:			Plumbers and gas fitters.....	1.650	1.650
Air compressors:			Roofers:		
Under 160 cubic feet.....	1.000	1.000	Composition.....	1.380	1.350
160 cubic feet and over.....	1.500	1.500	Slate and tile.....	1.380	1.350
Bulldozers.....	1.250	1.250	Sheet-metal workers.....	1.500	1.450
Cranes and derricks.....	1.875	1.750	Sign painters.....	1.513	1.513
Draglines.....	1.750	1.750	Steam fitters.....	1.650	1.650
Holsts.....	1.750	1.750	Structural-iron workers.....	1.750	1.750
LeTourneau.....	1.500	1.500	Rodmen.....	1.750	1.750
Mixers:			Tile layers.....	1.580	1.580
Under 14S.....	1.250	1.250			
14S and over.....	1.500	1.500	<i>Helpers and laborers</i>		
Pumps:			Bricklayers' tenders.....	1.000	.850
Under 4 inches.....	1.000	1.000	Building laborers.....	1.000	.850
4 inches and over.....	1.250	1.250	Composition roofers' helpers.....	.790	.790
Rollers.....	1.250	1.250	Elevator constructors' helpers.....	1.200	1.155
Scrapers.....	1.500	1.500	Marble setters' helpers.....	1.000	.850
Shovels.....	1.750	1.750	Plasterers' laborers.....	1.000	.850
Trenching machines.....	1.750	1.750	Plumbers' laborers.....	.825	.825
Glaziers.....	1.150	1.150	Steam fitters' helpers.....	.825	.825
Steel sash.....	1.380	1.350	Terrazzo workers' helpers.....	1.000	.850
Lathers.....	1.625	1.625	Tile layers' helpers.....	1.000	.850

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

ROCK ISLAND (ILL.) DISTRICT <sup>14</sup>

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Paperhangers.....	\$1.375	\$1.375
Boilermakers <sup>1</sup> .....	1.750	1.750	Plasterers.....	1.750	1.750
Bricklayers.....	1.725	1.725	Plumbers <sup>1</sup> .....	1.500	1.500
Carpenters.....	1.425	1.425	Roofers:		
Cement finishers.....	1.400	1.400	Composition.....	1.438	1.375
Electricians (inside wiremen).....	1.580	1.500	Foremen.....	1.663	1.500
Elevator constructors.....	1.595	1.595	Slate and tile.....	1.438	1.375
Engineers—power equipment operators:			Sheet-metal workers.....	1.375	1.375
Air compressors <sup>1</sup> .....	1.275	1.275	Sign painters.....	1.375	1.375
Bulldozers <sup>1</sup> .....	1.500	1.500	Steam fitters <sup>1</sup> .....	1.500	1.500
Cranes, derricks, and drag-lines <sup>1</sup> .....	1.500	1.500	Structural-iron workers.....	1.580	1.500
Graders <sup>1</sup> .....	1.500	1.500	Rodmen.....	1.580	1.500
Hoists.....	1.375	1.375	Tile layers.....	1.500	1.375
Mixers <sup>1</sup> .....	1.275	1.275			
Paving type <sup>1</sup> .....	1.500	1.500	<i>Helpers and laborers</i>		
Pumps <sup>1</sup> .....	1.275	1.275	Bricklayers' tenders.....	.875	.875
Shovels <sup>1</sup> .....	1.500	1.500	Building laborers.....	.875	.875
Tractors, side boom <sup>1</sup> .....	1.500	1.500	Composition roofers' helpers.....	.875	.850
Trenching machines <sup>1</sup> .....	1.500	1.500	Elevator constructors' helpers.....	1.120	1.120
Glaziers.....	1.425	1.425	Marble setters' helpers.....	.900	.900
Lathers.....	1.500	1.500	Plasterers' laborers.....	1.125	1.125
Marble setters.....	1.500	1.375	Mortar mixers.....	1.225	1.225
Mosaic and terrazzo workers.....	1.500	1.375	Plumbers' laborers.....	.875	.875
Painters.....	1.375	1.375	Terrazzo workers' helpers.....	.900	.900
Steel.....	1.500	1.500	Tile layers' helpers.....	.900	.900

## ST. LOUIS, MO.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.750	\$1.750	Paperhangers.....	\$1.563	\$1.563
Boilermakers <sup>1</sup> .....	1.625	1.625	Plasterers <sup>1</sup> .....	1.750	1.750
Bricklayers.....	1.900	1.750	Residential.....	1.250	1.250
Sewer work, over 6 feet.....	2.000	2.000	Plumbers.....	1.750	1.625
Carpenters.....	1.700	1.500	Roofers:		
Cement finishers <sup>1</sup> .....	1.575	1.575	Composition.....	1.575	1.500
On swinging scaffold.....	1.700	1.700	Foremen.....	1.700	1.625
Electricians (inside wiremen).....	1.750	1.750	Slate and tile <sup>1</sup> .....	1.750	1.750
Elevator constructors.....	1.750	1.725	Precast slab.....	1.875	1.875
Engineers—power equipment operators:			Residential.....	1.375	1.375
Air compressors.....	1.500	1.500	Sheet-metal workers.....	1.625	1.625
Two in tandem.....	2.000	2.000	Sign painters <sup>1</sup> .....	1.650	1.650
Bulldozers.....	1.500	1.500	Steam fitters.....	1.750	1.625
Cranes, derricks, and drag-lines.....	2.000	2.000	Sprinkler fitters <sup>1</sup> .....	1.710	1.625
Graders, road.....	1.500	1.500	Stonemasons <sup>1</sup> .....	1.500	1.500
Hoists.....	1.500	1.500	Structural-iron workers.....	1.900	1.750
LeTourneau.....	2.000	2.000	Rodmen.....	1.800	1.750
Mixers.....	1.500	1.500	Tile layers.....	1.700	1.500
Pumps.....	1.500	1.500			
Rollers.....	1.500	1.500	<i>Helpers and laborers</i>		
Shovels.....	2.000	2.000	Bricklayers' tenders <sup>1</sup> .....	1.150	1.150
Tractors:			Building laborers.....	1.000	.950
Caterpillar.....	1.500	1.500	Wreckers.....	.875	.875
With power take-off.....	2.000	2.000	Elevator constructors' helpers.....	1.275	1.210
Trenching machines, large.....	2.000	2.000	Marble setters' helpers <sup>1</sup> .....	.900	.900
Glaziers.....	1.750	1.625	Plasterers' laborers.....	1.435	1.250
Lathers <sup>1</sup> .....	1.750	1.750	Plumbers' laborers.....	1.150	1.150
Residential.....	1.250	1.250	Steam fitters' helpers.....	1.125	1.000
Machinists.....	1.500	1.500	Sprinkler fitters' helpers <sup>1</sup> .....	1.100	1.000
Marble setters.....	1.500	1.375	Terrazzo workers' helpers.....	1.075	1.000
Mosaic and terrazzo workers <sup>1</sup> .....	1.500	1.500	Base-machine operators.....	1.175	1.100
Painters <sup>1</sup> .....	1.563	1.563	Tile layers' helpers.....	1.050	.925
Residential.....	1.125	1.125			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.<sup>14</sup> Includes Rock Island and Moline, Ill., and Davenport, Iowa.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## ST. PAUL, MINN.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.580	\$1.580	Sheet-metal workers <sup>1</sup> .....	\$1.500	\$1.500
Bricklayers.....	1.625	1.625	Sign painters.....	1.625	1.625
Carpenters <sup>1</sup> .....	1.440	1.440	Steam fitters.....	1.550	1.500
Cement finishers <sup>1</sup> .....	1.440	1.440	Sprinkler fitters.....	1.580	1.580
Electricians (inside wiremen).....	1.650	1.500	Stonemasons.....	1.625	1.625
Elevator constructors.....	1.600	1.500	Structural-iron workers.....	1.625	1.625
Engineers—power equipment operators <sup>2</sup> .....	1.250	1.250	Rodmen.....	1.500	1.500
Glaziers.....	1.250	1.250	Tile layers.....	1.550	1.435
Lathers <sup>1</sup> .....	1.625	1.625	<i>Helpers and laborers</i>		
Marble setters.....	1.625	1.425	Bricklayers' tenders <sup>1</sup> .....	.950	.950
Mosaic and terrazzo workers.....	1.440	1.300	Mortar mixers.....	1.075	1.075
Painters <sup>1</sup> .....	1.440	1.440	Building laborers <sup>1</sup> .....	.950	.950
Structural steel, swing stage, and spray.....	1.580	1.580	Elevator constructors' helpers.....	1.120	1.050
Paperhangers <sup>1</sup> .....	1.440	1.440	Plasterers' laborers <sup>1</sup> .....	1.200	1.200
Plasterers <sup>1</sup> .....	1.625	1.625	Plumbers' laborers.....	.950	.950
Plumbers.....	1.550	1.500	Sprinkler fitters' helpers.....	.950	.950
Roofers:			Terrazzo workers' helpers:		
Composition <sup>1</sup> .....	1.380	1.380	Floor-machine operators.....	.975	.975
Foremen <sup>1</sup> .....	1.480	1.480	Base-machine operators.....	1.100	1.100
Slate and tile <sup>1</sup> .....	1.380	1.380			

## SALT LAKE CITY, UTAH

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.250	\$1.250	Lathers:		
Boilermakers <sup>1</sup> .....	1.650	1.650	Metal.....	\$1.650	\$1.500
Bricklayers <sup>1</sup> .....	1.580	1.580	Wood.....	1.400	1.250
Carpenters.....	1.375	1.250	Machinists.....	1.500	1.500
Floor layers and scrapers.....	1.500	1.500	Marble setters.....	1.375	1.375
Millwrights.....	1.375	1.375	Mosaic and terrazzo workers.....	1.375	1.375
Cement finishers.....	1.300	1.250	Painters <sup>1</sup> .....	1.250	1.250
Electricians (inside wiremen).....	1.500	1.500	Swing stage <sup>1</sup> .....	1.375	1.375
Elevator constructors.....	1.350	1.350	Spray.....	1.750	1.750
Engineers—power equipment operators:			Paperhangers <sup>1</sup> .....	1.250	1.250
Air compressors.....	1.250	1.250	Plasterers.....	1.650	1.500
Bulldozers.....	1.500	1.500	Plumbers.....	1.500	1.500
Cranes, derricks, and drag-lines.....	1.650	1.650	Roofers:		
Graders, elevating.....	1.600	1.600	Composition.....	1.250	1.250
Holsts, 1 drum.....	1.375	1.375	Foremen.....	1.375	1.375
LeTourneau:			Slate and tile.....	1.250	1.250
Model Super C.....	1.500	1.500	Sheet-metal workers.....	1.375	1.375
Larger than Super C.....	1.625	1.625	Sign painters.....	1.150	1.125
Mixers:			Steam fitters.....	1.500	1.500
Skip type.....	1.250	1.250	Structural-iron workers.....	1.500	1.500
Paving type.....	1.500	1.500	Rodmen.....	1.375	1.375
Pumps:			Tile layers.....	1.375	1.375
Concrete.....	1.250	1.250	<i>Helpers and laborers</i>		
Water.....	1.125	1.125	Bricklayers' tenders.....	1.125	1.125
Rollers.....	1.600	1.500	Building laborers <sup>1</sup> .....	.850	.850
Scrapers.....	1.500	1.500	Composition roofers' helpers.....	.850	.850
Shovels.....	1.650	1.650	Marble setters' helpers.....	.750	.750
Tractors.....	1.500	1.500	Plasterers' laborers.....	1.250	1.250
Trenching machines.....	1.500	1.500	Tile layers' helpers.....	.750	.750
Glaziers <sup>1</sup> .....	1.125	1.125			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p.64.<sup>2</sup> See Minneapolis, Minn.<sup>3</sup> Hours per week, 35.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## SAN ANTONIO, TEX.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.625	\$1.625	Marble setters.....	\$1.440	\$1.250
Bricklayers.....	1.725	1.650	Mosaic and terrazzo workers.....	1.440	1.250
Carpenters.....	1.250	1.250	Painters.....	1.125	1.125
Cement finishers.....	1.500	1.500	Spray, stage, and structural steel.....	1.375	1.375
Electricians (inside wiremen) <sup>1</sup> .....	1.500	1.500	Paperhangers.....	1.125	1.125
Elevator constructors.....	1.550	1.500	Plasterers.....	1.650	1.500
Engineers—power equipment operators:			Plumbers.....	1.625	1.625
Air compressors.....	1.250	1.250	Roofers:		
Bulldozers.....	1.500	1.500	Composition.....	7 1.125	7 1.125
Cranes, derricks, and draglines.....	1.500	1.500	Slate and tile.....	7 1.250	7 1.250
Graders.....	1.250	1.250	Sheet-metal workers <sup>1</sup> .....	1.500	1.500
Hoists:			Sign painters.....	7 1.065	7 1.065
1 drum.....	1.250	1.250	Steam fitters.....	1.625	1.625
2 drums.....	1.500	1.500	Stonemasons.....	1.725	1.650
Mixers:			Structural-iron workers.....	1.500	1.500
Small.....	1.250	1.250	Rodmen.....	1.250	1.250
Large.....	1.500	1.500	Tile layers.....	1.440	1.250
Pumps:			<i>Helpers and laborers</i>		
Small.....	1.250	1.250	Bricklayers' tenders.....	.700	.700
Large.....	1.500	1.500	Mortar mixers.....	.750	.700
Rollers.....	1.250	1.250	Building laborers.....	.700	.575
Shovels.....	1.500	1.500	Elevator constructors' helpers.....	1.090	1.050
Tractors.....	1.250	1.250	Plasterers' laborers.....	.750	.700
Glaziers.....	1.125	1.125	Plumbers' laborers.....	.700	.575
Lathers.....	1.625	1.500			
Machinists.....	1.500	1.500			

## SAN FRANCISCO, CALIF.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Paperhangers.....	\$1.500	\$1.500
Boilermakers.....	1.650	1.650	Plasterers.....	1.750	1.750
Bricklayers <sup>1</sup> .....	1.875	1.875	Plumbers and gas fitters.....	1.700	1.700
Carpenters.....	1.500	1.500	Roofers:		
Millwrights.....	1.625	1.625	Composition.....	1.500	1.500
Wharf and bridge.....	1.610	1.540	Foremen.....	1.625	1.625
Cement finishers.....	1.500	1.500	Slate and tile.....	1.500	1.500
Composition finishers.....	1.625	1.625	Sheet-metal workers.....	1.500	1.500
Electricians (inside wiremen).....	1.700	1.700	Sign painters.....	6 1.714	6 1.714
Elevator constructors.....	1.755	1.755	Steam fitters.....	1.700	1.700
Engineers—power equipment operators:			Sprinkler fitters.....	1.580	1.580
Air compressors.....	1.250	1.250	Refrigeration fitters:		
Cranes, derricks, and draglines.....	1.750	1.750	High pressure.....	1.700	1.700
Graders.....	1.625	1.625	Low pressure.....	1.500	1.500
LeTourneau:			Oil burner fitters.....	1.250	1.250
Up to 14 yards.....	1.625	1.625	Stonemasons <sup>1</sup> .....	1.875	1.875
14 yards and over.....	1.750	1.750	Structural-iron workers.....	1.750	1.750
Mixers:			Finishers.....	1.600	1.600
Less than 1 yard.....	1.250	1.250	Rodmen.....	1.500	1.500
Over 1 yard and paving type.....	1.500	1.500	Tile layers <sup>1</sup> .....	1.500	1.500
Pumps.....	1.250	1.250	Resilient.....	1.438	1.438
Rollers.....	1.625	1.625	<i>Helpers and laborers</i>		
Shovels.....	2.000	2.000	Bricklayers' tenders.....	1.400	1.400
Tractors.....	1.625	1.625	Building laborers <sup>1</sup> .....	1.000	1.000
Trenching machines.....	1.625	1.625	Elevator constructors' helpers.....	1.230	1.230
Glaziers.....	1.400	1.400	Marble setters' helpers.....	1.000	1.000
Lathers.....	1.750	1.750	Plasterers' laborers.....	1.600	1.500
Machinists.....	1.530	1.530	Sprinkler fitters' helpers.....	.950	.950
Marble setters.....	1.500	1.500	Terrazzo workers' helpers:		
Mosaic and terrazzo workers.....	1.500	1.500	Wet-base machine.....	1.125	1.125
Painters.....	6 1.500	6 1.500	Dry-base machine.....	1.250	1.250
Structural steel.....	6 1.750	6 1.750	Common labor.....	1.000	1.000
			Tile layers' helpers <sup>1</sup> .....	1.063	1.063

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.<sup>7</sup> Hours per week, 44.<sup>6</sup> Hours per week, 35.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## SCRANTON, PA.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Sheet-metal workers.....	\$1.375	\$1.375
Bricklayers.....	1.650	1.650	Sign painters.....	1.250	1.250
Carpenters.....	1.800	1.250	Steam fitters <sup>1</sup> .....	1.375	1.375
Millwrights.....	1.600	1.500	Stone cutters.....	1.250	1.250
Cement finishers.....	1.375	1.375	Stonemasons.....	1.650	1.500
Electricians (inside wiremen).....	1.600	1.500	Structural-iron workers.....	1.650	1.750
Elevator constructors.....	1.600	1.500	Rodmen.....	1.650	1.650
Engineers—power equipment operators <sup>1a</sup> .....			Tile layers.....	1.600	1.500
Glaziers.....	1.050	1.050	<i>Helpers and laborers</i>		
Lathers.....	1.600	1.375	Bricklayers' tenders.....	1.000	1.000
Marble setters.....	1.600	1.500	Building laborers.....	.800	.800
Mosaic and terrazzo workers.....	1.600	1.500	Composition roofers' helpers.....	1.000	1.000
Painters.....	1.250	1.250	Elevator constructors' helpers.....	1.050	1.050
Paperhangers.....	1.250	1.250	Marble setters' helpers.....	.925	.925
Plasterers.....	1.625	1.500	Plasterers' laborers.....	1.000	1.000
Plumbers <sup>1</sup> .....	1.375	1.375	Plumbers' laborers.....	.800	.800
Roofers:			Terrazzo workers' helpers.....	.925	.925
Composition.....	1.300	1.250	Tile layers' helpers.....	.925	.925
Slate and tile.....	1.300	1.250			

## SEATTLE, WASH.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.645	\$1.645	Engineers—power equipment operators—Continued		
Boilermakers.....	1.745	1.745	Shovels.....	\$2.000	\$2.000
Bricklayers <sup>1</sup> .....	1.845	1.845	Tractors.....	1.700	1.700
Sewer and tunnel.....	1.970	1.970	Trenching machines:		
Carpenters <sup>1</sup> .....	1.545	1.545	Under 16 inches.....	1.750	1.750
Floor layers and boommen <sup>1</sup> .....	1.645	1.645	16 inches and over.....	1.950	1.950
Wharf and bridge <sup>1</sup> .....	1.595	1.595	Glaziers.....	1.495	1.495
Cement finishers <sup>1</sup> .....	1.545	1.545	Inside.....	1.395	1.395
Composition finishers.....	1.595	1.595	Lathers <sup>1</sup> .....	1.745	1.745
Paving finishers and ribbon setters.....	1.570	1.570	Machinists.....	1.650	1.650
Finishing machines:			Marble setters <sup>1</sup> .....	1.745	1.745
Trowel.....	1.670	1.670	Mosaic and terrazzo workers <sup>1</sup> .....	1.595	1.595
Paving.....	1.815	1.815	Painters <sup>1</sup> .....	1.545	1.545
Electricians (inside wiremen) <sup>1</sup> .....	1.745	1.745	Structural steel <sup>1</sup> .....	1.670	1.670
Fixture hangers.....	1.315	1.315	Spray.....	2.000	2.000
Elevator constructors.....	1.785	1.785	Paperhangers.....	1.545	1.545
Engineers—power equipment operators:			Plasterers <sup>1</sup> .....	1.845	1.845
Air compressors:			Plumbers <sup>1</sup> .....	1.745	1.745
Excavating.....	1.500	1.500	Roofers:		
Steel erection.....	1.750	1.750	Composition <sup>1</sup> .....	1.545	1.545
Bulldozers.....	1.700	1.700	Slate and tile <sup>1</sup> .....	1.545	1.545
Cranes and draglines.....	2.000	2.000	Sheet-metal workers <sup>1</sup> .....	1.695	1.695
Derricks.....	1.700	1.700	Sign painters <sup>1</sup> .....	1.845	1.845
Graders, motor patrols power grade.....	1.700	1.700	Steam fitters <sup>1</sup> .....	1.745	1.745
Hoists.....	1.700	1.700	Stonemasons <sup>1</sup> .....	1.845	1.845
Steel erection.....	1.750	1.750	Structural-iron workers <sup>1</sup> .....	1.745	1.745
3 drums.....	2.000	2.000	Rodmen <sup>1</sup> .....	1.545	1.545
LeTourneau.....	1.700	1.700	Tile layers <sup>1</sup> .....	1.595	1.595
Mixers, paving.....	1.850	1.850	<i>Helpers and laborers</i>		
Dual.....	2.000	2.000	Bricklayers' tenders <sup>1</sup> .....	1.395	1.395
Pumps.....	1.600	1.600	Building laborers <sup>1</sup> .....	1.145	1.145
Rollers:			Elevator constructors' helpers.....	1.270	1.270
On plant mix materials.....	1.750	1.750	Marble setters' helpers <sup>1</sup> .....	1.145	1.145
On other than plant mix.....	1.450	1.450	Plasterers' laborers <sup>1</sup> .....	1.395	1.395
Scrapers:			Plumbers' laborers.....	1.145	1.145
Carry-all type, single.....	1.700	1.700	Terrazzo workers' helpers <sup>1</sup> .....	1.145	1.145
Carry-all type, tandem.....	1.850	1.850	Tile layers' helpers <sup>1</sup> .....	1.145	1.145

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

<sup>1a</sup> See Philadelphia, Pa.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## SOUTH BEND, IND.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1. 500	\$1. 500	Mosaic and terrazzo workers.....	\$1. 750	\$1. 750
Boilermakers.....	1. 700	1. 700	Painters.....	1. 300	1. 300
Bricklayers.....	1. 750	1. 750	Spray, stage, and structural steel.....	1. 500	1. 500
Sewer, tunnel and caisson.....	2. 000	2. 000	Paperhangers.....	1. 300	1. 300
Carpenters.....	1. 500	1. 500	Plasterers <sup>1</sup> .....	1. 625	1. 625
Cement finishers.....	1. 500	1. 500	Plumbers.....	1. 625	1. 625
Electricians (inside wiremen):			Roofers:		
Contracts over \$15,000.....	1. 625	1. 625	Composition.....	1. 500	1. 500
Contracts under \$15,000.....	1. 625	1. 500	Foremen.....	1. 650	1. 650
Elevator constructors.....	1. 500	1. 500	Slate and tile.....	1. 500	1. 500
Engineers—power equipment operators:			Sheet-metal workers <sup>1</sup> .....	1. 500	1. 500
Air compressors.....	1. 375	1. 375	Sign painters.....	1. 300	1. 300
Bulldozers.....	1. 500	1. 500	Steam fitters.....	1. 625	1. 625
Cranes, derricks, and draglines.....	1. 625	1. 625	Sprinkler fitters.....	1. 580	1. 580
Hoists:			Stonemasons.....	1. 750	1. 750
1 drum.....	1. 375	1. 375	Structural-iron workers.....	1. 700	1. 625
2 or more drums.....	1. 625	1. 625	Rodmen.....	1. 700	1. 625
Mixers:			Tile layers.....	1. 750	1. 750
Less than 21 inches.....	1. 375	1. 375			
21 inches and over.....	1. 625	1. 625	<i>Helpers and laborers</i>		
Pumps.....	1. 375	1. 375	Bricklayers' tenders.....	1. 000	1. 000
Rollers.....	1. 375	1. 375	Building laborers.....	1. 000	1. 000
Shovels.....	1. 625	1. 625	Composition roofers' helpers.....	1. 000	1. 000
Tractors:			Elevator constructors' helpers.....	1. 050	1. 050
Less than 50-horsepower.....	1. 250	1. 250	Marble setters' helpers.....	1. 250	1. 250
50-horsepower and over.....	1. 375	1. 375	Plasterers' laborers.....	1. 150	1. 150
Trenching machines.....	1. 625	1. 625	Plumbers' laborers.....	1. 000	1. 000
Glaziers.....	1. 400	1. 400	Terrazzo workers' helpers.....	1. 250	1. 250
Lathers <sup>1</sup> .....	1. 500	1. 500	Base-machine operators.....	1. 375	1. 375
Marble setters.....	1. 750	1. 750	Tile layers' helpers.....	1. 250	1. 250

## SPOKANE, WASH.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1. 500	\$1. 500	Glaziers.....	\$1. 250	\$1. 250
Boilermakers <sup>1</sup> .....	1. 580	1. 580	Lathers <sup>1</sup> .....	1. 625	1. 625
Bricklayers <sup>1</sup> .....	1. 750	1. 750	Machinists.....	1. 500	1. 500
Carpenters <sup>1</sup> .....	1. 440	1. 400	Marble setters.....	1. 750	1. 750
Cement finishers.....	1. 675	1. 675	Mosaic and terrazzo workers.....	1. 600	1. 600
Electricians (inside wiremen).....	1. 550	1. 550	Painters.....	1. 450	1. 400
Elevator constructors.....	1. 645	1. 645	Spray.....	1. 800	1. 750
Engineers—power equipment operators:			Paperhangers.....	1. 450	1. 400
Air compressors <sup>1</sup> .....	1. 375	1. 375	Plasterers.....	1. 750	1. 750
Bulldozers.....	1. 500	1. 500	Plumbers.....	1. 650	1. 650
Cranes, derricks, and draglines <sup>1</sup> .....	1. 750	1. 750	Roofers, composition.....	1. 250	1. 250
Graders.....	1. 500	1. 500	Foremen.....	1. 500	1. 500
Hoists:			Sheet-metal workers.....	1. 500	1. 500
1 drum <sup>1</sup> .....	1. 375	1. 375	Sign painters.....	1. 650	1. 650
2 drums <sup>1</sup> .....	1. 500	1. 500	Steam fitters.....	1. 650	1. 650
3 drums or steel erection <sup>1</sup> .....	1. 650	1. 650	Stonemasons.....	1. 750	1. 750
LeTourneau.....	1. 500	1. 500	Structural-iron workers <sup>1</sup> .....	1. 690	1. 625
Mixers <sup>1</sup> .....	1. 375	1. 375	Rodmen.....	1. 600	1. 375
Pumps <sup>1</sup> .....	1. 375	1. 375	Tile layers.....	1. 600	1. 600
Rollers.....	1. 500	1. 500			
Scrapers.....	1. 500	1. 500	<i>Helpers and laborers</i>		
Shovels <sup>1</sup> .....	1. 750	1. 750	Bricklayers' tenders <sup>1</sup> .....	1. 200	1. 200
Tractors.....	1. 500	1. 500	Building laborers <sup>1</sup> .....	1. 000	1. 000
Trenching machines <sup>1</sup> .....	1. 500	1. 500	Elevator constructors' helpers.....	1. 150	1. 150
			Plasterers' laborers.....	1. 300	1. 300

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

SPRINGFIELD, MASS.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers <sup>1</sup> .....	\$1.500	\$1.500	Mosaic and terrazzo workers.....	\$1.750	\$1.750
Bricklayers.....	1.750	1.750	Painters.....	1.375	1.375
Carpenters.....	1.500	1.500	Paperhangers.....	1.375	1.375
Cement finishers.....	1.750	1.750	Plasterers.....	1.750	1.750
Electricians (inside wiremen).....	1.580	1.500	Plumbers and gas fitters.....	1.580	1.580
Elevator constructors.....	1.660	1.580	Roofers:		
Engineers—power equipment operators:			Composition.....	1.500	1.500
Air compressors:			Slate and tile.....	1.500	1.500
225 feet and under.....	1.000	.875	Sheet-metal workers.....	1.580	1.580
315 feet and over.....	1.250	1.250	Sign painters.....	1.375	1.375
Bulldozers.....	1.350	1.250	Steam fitters.....	1.580	1.500
Cranes, derricks, and drag-lines.....	1.750	1.650	Stoncutters.....	1.675	1.675
Graders.....	1.350	1.250	Inside.....	1.250	1.250
Holsts:			Stonemasons.....	1.750	1.750
Under 3 drums.....	1.350	1.350	Structural-iron workers.....	1.650	1.650
3 or more drums.....	1.750	1.650	Rodmen.....	1.650	1.650
Mixers:			Tile layers.....	1.750	1.750
Small.....	.900	.850			
Road.....	1.550	1.350	<i>Helpers and laborers</i>		
Pumps.....	1.350	1.350	Bricklayers' tenders.....	1.125	1.125
Rollers.....	1.250	1.125	Building laborers.....	.900	.900
Scrapers.....	1.440	1.250	Elevator constructors' helpers.....	1.160	1.110
Shovels.....	1.750	1.650	Marble setters' helpers.....	1.000	1.000
Glaziers.....	1.500	1.500	Plasterers' laborers.....	1.125	1.125
Lathers.....	1.500	1.500	Terrazzo workers' helpers.....	1.000	1.000
Marble setters.....	1.750	1.750	Tile layers' helpers.....	1.000	1.000

TAMPA, FLA.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Plasterers.....	\$1.500	\$1.500
Boilermakers.....	1.500	1.500	Plumbers.....	1.500	1.500
Bricklayers.....	1.500	1.500	Sheet-metal workers <sup>1</sup> .....	1.250	1.250
Carpenters <sup>1</sup> .....	1.150	1.150	Sign painters.....	1.360	1.360
Cement finishers.....	1.250	1.250	Steam fitters.....	1.500	1.500
Electricians (inside wiremen).....	1.500	1.500	Stonemasons.....	1.500	1.500
Elevator constructors.....	1.500	1.500	Structural-iron workers <sup>1</sup> .....	1.500	1.500
Glaziers.....	1.200	1.200	Rodmen <sup>1</sup> .....	1.375	1.375
Lathers.....	1.500	1.500	Tile layers.....	1.440	1.250
Marble setters.....	1.440	1.250			
Mosaic and terrazzo workers.....	1.440	1.250	<i>Helpers and laborers</i>		
Painters.....	1.200	1.200	Bricklayers' tenders.....	.650	.600
Government.....	1.150	1.150	Building laborers.....	.600	.500
Structural steel.....	1.500	1.500	Elevator constructors' helpers.....	1.050	1.050
Spray.....	1.600	1.600	Plasterers' laborers.....	.650	.600
Paperhangers.....	1.200	1.200			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

## TOLEDO, OHIO

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.625	\$1.625	Glaziers.....	\$1.330	\$1.330
Boilermakers.....	1.800	1.725	Lathers.....	<sup>8</sup> 1.800	<sup>8</sup> 1.750
Bricklayers.....	1.800	1.800	Marble setters.....	1.750	1.750
Carpenters.....	1.580	1.475	Painters.....	1.500	1.500
Cement finishers.....	1.725	1.725	Over 30 feet and swing stage.....	1.750	1.750
Electricians (inside wiremen) <sup>1</sup> .....	1.750	1.750	Spray.....	1.625	1.625
Fixture hangers <sup>1</sup> .....	1.600	1.600	Over 30 feet.....	1.875	1.875
Elevator constructors.....	1.760	1.710	Paperhangers.....	1.500	1.500
Engineers—power equipment operators:			Plasterers.....	1.750	1.750
Air compressors:			Plumbers.....	1.725	1.725
Plant operation.....	1.600	1.600	Roofers:		
Steel.....	1.500	1.500	Composition:		
Portable.....	1.350	1.350	Build-up moppers.....	1.500	1.500
Bulldozers.....	1.475	1.475	Build-up rollers or house roofers.....	1.400	1.400
Cranes, derricks, and draglines.....	1.725	1.725	Slate and tile.....	1.500	1.500
Graders:			Sheet-metal workers.....	1.500	1.500
Blade.....	1.350	1.350	Sign painters.....	1.555	1.555
All others.....	1.475	1.475	Steam fitters.....	1.725	1.725
Hoists:			Stonemasons.....	1.800	1.800
Steel and brick erection.....	1.625	1.625	Structural-iron workers.....	1.800	1.725
All others.....	1.475	1.475	Rodmen.....	1.475	1.475
Mixers:			Tile layers.....	1.625	1.500
Up to 1 bag.....	1.350	1.350			
Large.....	1.475	1.475	<i>Helpers and laborers</i>		
27E and over.....	1.600	1.600	Bricklayers' tenders.....	1.050	.975
Pumps:			Mortar mixers.....	1.100	1.025
Under 4 inches.....	1.250	1.250	Building laborers.....	1.000	.925
4 inches and over, concrete pumps.....	1.475	1.475	Composition roofers' helpers.....	.850	.850
Rollers.....	1.475	1.475	Elevator constructors' helpers.....	1.240	1.200
Scrapers.....	1.600	1.600	Marble setters' helpers.....	1.000	1.000
Shovels.....	1.725	1.725	Terrazzo workers' helpers.....	1.000	1.000
Tractors:			Tile layers' helpers.....	1.000	1.000
30-horsepower or less.....	1.350	1.350			
Over 30-horsepower.....	1.475	1.475			
Trenching machines.....	1.600	1.600			

## WASHINGTON, D. C.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.813	\$1.813	Engineers—power equipment operators—Continued		
Boilermakers.....	1.750	1.750	Rollers <sup>1</sup> .....	\$1.500	\$1.500
Bricklayers.....	1.900	1.900	Shovels.....	2.000	2.000
Residential.....	1.750	1.625	Tractors <sup>1</sup> .....	1.250	1.250
Carpenters.....	1.775	1.700	Trenching machines <sup>1</sup> .....	1.750	1.750
Cement finishers.....	1.600	1.600	Glaziers <sup>1</sup> .....	1.650	1.650
Electricians (inside wiremen).....	2.000	2.000	Lathers <sup>1</sup> .....	1.750	1.750
Elevator constructors <sup>1</sup> .....	1.930	1.930	Machinists.....	1.800	1.800
Engineers—power equipment operators:			Marble setters.....	1.750	1.750
Air compressors <sup>1</sup> .....	1.600	1.600	Mosaic and terrazzo workers <sup>1</sup> .....	1.650	1.650
Bulldozers <sup>1</sup> .....	1.250	1.250	Painters.....	<sup>8</sup> 1.775	<sup>8</sup> 1.714
Cranes, derricks, and draglines <sup>1</sup> .....	2.000	2.000	Bridge, structural steel, and spray.....	<sup>8</sup> 2.000	<sup>8</sup> 2.000
Graders, blade <sup>1</sup> .....	1.250	1.250	Paperhangers.....	<sup>8</sup> 1.775	<sup>8</sup> 1.714
Hoists:			Plasterers.....	2.000	2.000
1 drum <sup>1</sup> .....	1.750	1.750	Residential.....	1.500	1.500
2 drums <sup>1</sup> .....	2.000	2.000	Plumbers and gas fitters.....	1.875	1.750
LeTourneau <sup>1</sup> .....	1.500	1.500	Roofers:		
Mixers, ½ cubic yard or over <sup>1</sup> .....	1.600	1.600	Composition:		
Pumps <sup>1</sup> .....	1.600	1.600	First hand <sup>1</sup> .....	1.620	1.620
			Second hand <sup>1</sup> .....	1.300	1.300
			Slate and tile.....	1.750	1.750

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.<sup>8</sup> Hours per week, 35.

TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued

WASHINGTON, D. C.—Continued

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman—Continued</i>			<i>Helpers and laborers</i>		
Sheet-metal workers <sup>1</sup> .....	\$1.875	\$1.750	Bricklayers' tenders.....	\$0.900	\$0.900
Sign painters.....	1.625	1.625	Building laborers.....	.900	.900
Steam fitters.....	1.875	1.750	Composition roofers' helpers.....	.920	.920
Refrigeration and oil burner fitters, 7½-horsepower or less.....	1.500	1.250	Elevator constructors' helpers.....	1.350	1.350
Sprinkler fitters.....	1.550	1.550	Marble setters' helpers.....	1.100	1.100
Stonemasons.....	1.750	1.750	Plasterers' laborers.....	1.200	1.200
Structural-iron workers.....	2.000	2.000	Residential.....	.900	.900
Rodmen <sup>1</sup> .....	1.700	1.700	Plumbers' laborers.....	1.000	1.000
Tile layers <sup>1</sup> .....	1.650	1.650	Sprinkler fitters' helpers.....	.950	.950
			Terrazzo workers' helpers.....	1.100	1.100
			Tile layers' helpers.....	1.100	1.100

## WICHITA, KANS.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Glaziers <sup>1</sup> .....	\$1.125	\$1.125
Bricklayers.....	1.580	1.500	Lathers <sup>1</sup> .....	1.500	1.500
Carpenters.....	1.250	1.150	Painters.....	1.125	1.000
Cement finishers.....	1.500	1.500	Spray.....	1.375	1.250
Electricians (inside wiremen).....	1.500	1.500	Structural steel and stage.....	1.250	1.125
Elevator constructors.....	1.450	1.450	Paperhangers.....	1.250	1.125
Engineers—power equipment operators:			Plasterers.....	1.500	1.500
Air compressors.....	1.500	1.500	Plumbers.....	1.500	1.500
Bulldozers:			Roofers:		
Under 60-horsepower.....	1.100	1.100	Composition.....	1.125	1.125
60-horsepower and over.....	1.250	1.250	Foremen.....	1.250	1.250
Cranes, derricks, and drag lines.....	1.500	1.500	Slate and tile.....	1.250	1.250
Graders.....	1.250	1.250	Sheet-metal workers <sup>1</sup> .....	1.250	1.250
Hoists:			Steam fitters.....	1.500	1.500
1 drum.....	1.375	1.375	Structural-iron workers <sup>1</sup> .....	1.375	1.375
2 drums.....	1.500	1.500	Rodmen <sup>1</sup> .....	1.250	1.250
LeTourneau.....	1.375	1.375			
Mixers.....	1.250	1.250	<i>Helpers and laborers</i>		
Pumps.....	1.375	1.375	Bricklayers' tenders.....	.875	.875
Rollers.....	1.250	1.250	Building laborers.....	.750	.750
Shovels.....	1.500	1.500	Elevator constructors' helpers.....	1.015	1.015
Tractors, without power take-off.....	.900	.900	Plasterers' laborers.....	.875	.875
Trenching machines.....	1.500	1.500			

## WORCESTER, MASS.

<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Bricklayers <sup>1</sup> .....	\$1.675	\$1.625	Plumbers.....	\$1.500	\$1.500
Carpenters.....	1.350	1.250	Sign painters.....	1.150	1.150
Millwrights.....	1.350	1.350	Steam fitters.....	1.500	1.500
Cement finishers <sup>1</sup> .....	1.675	1.625	Structural-iron workers.....	1.650	1.650
Electricians (inside wiremen) <sup>1</sup> .....	1.500	1.500	Rodmen.....	1.650	1.650
Elevator constructors.....	1.500	1.500	Tile layers <sup>1</sup> .....	1.675	1.625
Glaziers.....	1.150	1.150			
Lathers.....	1.500	1.500	<i>Helpers and laborers</i>		
Marble setters <sup>1</sup> .....	1.675	1.625	Bricklayers' tenders.....	1.000	1.000
Mosaic and terrazzo workers <sup>1</sup> .....	1.675	1.625	Building laborers.....	.900	.800
Painters.....	1.150	1.150	Elevator constructors' helpers.....	1.050	1.050
Paperhangers.....	1.150	1.150	Plasterers' laborers.....	1.000	1.000
Plasterers <sup>1</sup> .....	1.675	1.625			

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

**TABLE 12.—Union Scales of Wages for Building Trades in 75 Cities, July 1, 1945, and July 1, 1944—Continued**

## YORK, PA.

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.500	\$1.500	Roofers:		
Boilermakers:			Composition.....	\$1.000	\$1.000
Small work.....	1.680	1.530	Foremen and mopmen.....	1.250	1.250
Large work.....	1.680	1.680	Slate and tile.....	1.250	1.250
Bricklayers.....	1.440	1.375	Sheet-metal workers.....	1.375	1.375
Carpenters.....	1.150	1.000	Sign painters.....	1.150	1.150
Cement finishers.....	1.600	1.500	Steam fitters.....	1.375	1.250
Electricians.....	1.350	1.125	Stonemasons.....	1.440	1.375
Engineers—power equipment operators <sup>1</sup> .....	1.100	1.100	Tile layers.....	1.440	1.250
Glaziers.....	1.100	1.100			
Machinists:			<i>Helpers and laborers</i>		
Small work.....	1.680	1.530	Bricklayers' tenders.....	1.000	1.000
Large work.....	1.680	1.680	Building laborers.....	.750	.750
Marble setters.....	1.440	1.250	Composition roofers' helpers.....	.750	.750
Mosaic and terrazzo workers.....	1.440	1.250	Marble setters' helpers.....	.850	.850
Painters.....	1.000	1.000	Plasterers' laborers.....	1.000	1.000
Structural iron.....	1.250	1.250	Plumbers' laborers.....	.750	.750
Spray.....	1.600	1.500	Steam fitters' helpers.....	1.000	.850
Paperhangers.....	1.000	1.000	Terrazzo workers' helpers.....	.850	.850
Plasterers.....	1.500	1.500	Tile layers' helpers.....	1.000	1.000
Plumbers.....	1.375	1.250			

## YOUNGSTOWN, OHIO

Classifications	Rate per hour		Classifications	Rate per hour	
	July 1, 1945	July 1, 1944		July 1, 1945	July 1, 1944
<i>Journeyman</i>			<i>Journeyman—Continued</i>		
Asbestos workers.....	\$1.625	\$1.625	Painters <sup>1</sup> .....	\$1.438	\$1.438
Bricklayers.....	1.750	1.750	Spray.....	2.050	2.050
Carpenters.....	1.475	1.475	Structural iron and swing stage <sup>1</sup> .....	1.650	1.650
Millwrights.....	1.575	1.575	Paperhangers.....	1.438	1.438
Cement finishers <sup>1</sup> .....	1.450	1.450	Plasterers.....	1.750	1.750
Electricians (inside wiremen).....	1.650	1.650	Plumbers <sup>1</sup> .....	1.650	1.625
Elevator constructors.....	1.710	1.710	Roofers:		
Engineers—power equipment operators:			Composition.....	1.500	1.500
Air compressors.....	1.313	1.313	Foremen.....	1.625	1.625
Bulldozers.....	1.438	1.438	Slate and tile.....	1.500	1.500
Cranes, derricks, and draglines.....	1.750	1.750	Sheet-metal workers.....	1.575	1.575
Graders.....	1.313	1.313	Sign painters.....	1.500	1.500
Hoists:			Steam fitters <sup>1</sup> .....	1.650	1.625
1 drum.....	1.313	1.313	Stonemasons.....	1.750	1.750
1 drum 35 feet or more or 2 drums.....	1.750	1.750	Structural-iron workers.....	1.750	1.750
Mixers.....	1.313	1.313	Rodmen.....	1.750	1.750
Pumps, 4 inches or over.....	1.313	1.313	Tile layers.....	1.500	1.500
Rollers.....	1.313	1.313			
Scrapers.....	1.313	1.313	<i>Helpers and laborers</i>		
Shovels.....	1.750	1.750	Bricklayers' tenders <sup>1</sup> .....	.925	.925
Tractors.....	1.313	1.313	Building laborers <sup>1</sup> .....	.825	.825
Trenching machines.....	1.750	1.750	Composition roofers' helpers.....	.850	.850
Glaziers.....	1.610	1.550	Elevator constructors' helpers.....	1.210	1.210
Lathers.....	1.750	1.750	Marble setters' helpers.....	1.000	1.000
Marble setters.....	1.500	1.500	Plasterers' laborers <sup>1</sup> .....	1.025	1.025
Mosaic and terrazzo workers.....	1.500	1.500	Plumbers' laborers.....	.950	.950
			Terrazzo workers' helpers.....	1.000	1.000
			Tile layers' helpers.....	1.000	1.000

<sup>1</sup> For changes authorized by Wage Adjustment Board since July 1, 1945, see table 13, p. 64.

<sup>2</sup> See Philadelphia, Pa.

**TABLE 13.—Changes Authorized by the Wage Adjustment Board for the Building Construction Industry Between July 1, 1945, and Jan. 1, 1946**

City and trade	Authorized rate	Effective date	City and trade	Authorized rate	Effective date
<i>Atlanta, Ga.</i>			<i>Boston, Mass.—Continued</i>		
Bricklayers.....	\$1.750	10/24/45	Engineers—power equipment operators: <sup>1</sup> —Continued		
Carpenters.....	1.375	10/31/45	Holsts:		
Electricians (inside wiremen).....	1.650	12/12/45	1 or 2 drums.....	\$1.650	11/7/45
Glaziers.....	1.375	11/30/45	3 drums.....	2.025	11/7/45
Painters.....	1.375	11/30/45	Mixers.....	1.650	11/7/45
Paperhangers.....	1.375	11/30/45	Pumps.....	1.733	11/7/45
Plumbers.....	1.750	12/4/45	Rollers.....	1.650	11/7/45
Steam fitters.....	1.750	12/4/45	Scrapers.....	1.650	11/7/45
Stonemasons.....	1.750	10/24/45	Shovels.....	2.025	11/7/45
Structural-iron workers.....	1.625	12/11/45	Tractors.....	1.650	11/7/45
Rodmen.....	1.375	12/11/45	Trenching machines.....	1.650	11/7/45
Building laborers.....	.650	10/19/45	Glaziers.....	1.580	7/11/45
<i>Baltimore, Md.</i>			Lathers.....	1.800	10/17/45
Bricklayers.....	1.850	10/17/45	Plasterers.....	1.800	8/31/45
Carpenters.....	1.675	11/9/45	Plumbers and gas fitters.....	1.725	8/23/45
Electricians (inside wiremen).....	1.725	8/10/45	Steam fitters.....	1.725	8/23/45
Painters.....	1.425	10/30/45	Tile layers.....	1.725	8/31/45
Structural steel.....	1.550	10/30/45	Bricklayers' tenders.....	1.150	11/2/45
Paperhangers.....	1.425	10/30/45	Building laborers.....	1.150	11/2/45
Stonemasons.....	1.850	10/7/45	Elevator constructors' helpers.....	1.220	10/8/45
Structural-iron workers.....	1.900	11/9/45	Terrazzo workers' helpers.....	1.250	11/15/45
Rodmen.....	1.600	11/9/45	<i>Buffalo, N. Y.</i>		
Terrazzo workers' helpers.....	1.125	1/1/46	Bricklayers.....	1.825	7/11/45
<i>Binghamton, N. Y.</i>			Cement finishers:		
Bricklayers.....	1.800	12/1/45	Swing scaffold.....	1.840	8/31/45
Cement finishers.....	1.800	12/1/45	Machine operators.....	1.740	8/31/45
Painters.....	1.150	9/6/45	Swing scaffold.....	2.000	8/31/45
Plasterers.....	1.800	12/1/45	Marble setters.....	1.725	11/1/45
<i>Birmingham, Ala.</i>			Roofers:		
Boilermakers.....	1.625	10/24/45	Composition.....	1.600	9/19/45
Carpenters.....	1.375	9/13/45	Residential.....	1.450	9/19/45
Elevator constructors.....	1.685	10/26/45	Slate and tile.....	1.650	9/19/45
Engineers—power equipment operators:			Stonemasons.....	1.825	7/11/45
Air compressors.....	1.500	12/12/45	<i>Butte, Mont.</i>		
Bulldozers.....	1.500	12/12/45	Engineers—power equipment operators:		
Cranes, derricks, and draglines.....	1.750	12/12/45	Air compressors.....	1.400	11/8/45
Graders.....	1.500	12/12/45	Bulldozers.....	1.700	11/8/45
Holsts:			Cranes, derricks, and draglines.....	1.650	11/8/45
1 drum.....	1.500	12/12/45	Graders.....	1.650	11/8/45
2 drums.....	1.750	12/12/45	Holsts.....	1.650	11/8/45
Mixers:			LeTourneau:		
5 bags or under.....	1.500	12/12/45	Single.....	1.700	11/8/45
Over 5 bags.....	1.750	12/12/45	In tandem.....	1.850	11/8/45
Pumps.....	1.500	12/12/45	Mixers:		
Rollers.....	1.500	12/12/45	Less than 4 bags.....	1.400	11/8/45
Scrapers.....	1.750	12/12/45	4 bags or over.....	1.650	11/8/45
Shovels.....	1.750	12/12/45	Pumps:		
Tractors.....	1.500	12/12/45	6 inches or less.....	1.150	11/8/45
Trenching machines.....	1.750	12/12/45	Over 6 inches.....	1.400	11/8/45
Painters.....	1.500	12/11/45	Rollers on all types of finishing.....	1.650	11/8/45
Structural steel and swing stage.....	1.625	12/11/45	Scrapers.....	1.700	11/8/45
Roofers:			Shovels.....	(2)	11/8/45
Composition.....	1.300	11/15/45	Tractors.....	1.700	11/8/45
Slate and tile.....	1.450	11/15/45	Trenching machines.....	1.700	11/8/45
Sheet-metal workers.....	1.450	7/5/45	<i>Charleston, W. Va.</i>		
<i>Boston, Mass.</i>			Boilermakers.....	1.750	10/30/45
Asbestos workers.....	1.725	10/1/45	Lathers.....	1.581	10/11/45
Carpenters.....	1.600	9/8/45	<i>Chicago, Ill.</i>		
Cement finishers.....	1.668	9/19/45	Elevator constructors.....	1.860	9/3/45
Elevator constructors.....	1.740	10/8/45	Lathers.....	1.900	10/3/45
Engineers—power equipment operators: <sup>1</sup>			Painters.....	1.817	7/5/45
Air compressors.....	1.650	11/7/45	Paperhangers.....	1.817	7/5/45
Bulldozers.....	1.650	11/7/45	Plasterers.....	1.850	7/6/45
Cranes, derricks, and draglines.....	2.025	11/7/45	Roofers, composition.....	1.900	10/15/45
			Structural-iron workers.....	1.880	9/19/45
			Finishers.....	1.850	7/26/45
			Elevator constructors' helpers.....	1.300	9/3/45

<sup>1</sup> Twenty cents per hour additional for broken time if rate is \$1.50 per hour; 37½ cents if rate is \$1.875.

<sup>2</sup> Shovels: ¾ yard or less, \$1.650; over ¾ yards, \$1.850.

TABLE 13.—Changes Authorized by the Wage Adjustment Board for the Building Construction Industry Between July 1, 1945, and Jan. 1, 1946—Continued

City and trade	Authorized rate	Effective date	City and trade	Authorized rate	Effective date
<i>Cincinnati, Ohio</i>			<i>Duluth, Minn.</i>		
Boilermakers.....	\$1.725	9/13/45	Carpenters.....	\$1.375	12/10/45
Glaziers.....	1.780	9/10/45	Engineers—power equipment operators:		
Marble setters.....	1.875	11/13/45	Air compressors.....	1.400	7/26/45
Roofers, slate and tile.....	1.600	11/2/45	Bulldozers.....	1.600	7/26/45
Stonemasons.....	1.875	11/13/45	Cranes, derricks, and drag-lines.....	1.700	7/26/45
Structural-iron workers.....	1.775	7/19/45	Graders.....	1.400	7/26/45
Bricklayers' tenders.....	1.150	12/6/45	Elevating.....	1.450	7/26/45
Building laborers.....	.950	12/6/45	Holsts, 1 drum.....	1.600	7/26/45
			LeFourneau.....	1.600	7/26/45
<i>Cleveland, Ohio</i>			Mixers:		
Boilermakers.....	1.800	12/11/45	14S and under.....	1.400	7/26/45
Carpenters.....	1.650	7/26/45	Over 14S.....	1.600	7/26/45
Engineers—power equipment operators:			Pumps.....	1.400	7/26/45
Air compressors:			Rollers:		
Steel erection.....	1.875	10/31/45	Under 8 tons.....	1.400	7/26/45
Derricks.....	1.875	10/31/45	8 tons or over.....	1.600	7/26/45
<i>Columbus, Ohio</i>			Scrapers.....	1.600	7/26/45
Bricklayers.....	1.875	11/7/45	Shovels.....	1.700	7/26/45
Carpenters.....	1.450	8/31/45	Tractors:		
Wharf and bridge.....	1.600	8/31/45	50-horsepower or less without power take-off.....	1.150	7/26/45
Cement finishers.....	1.500	7/2/45	Trenching machines.....	1.600	7/26/45
Electricians (inside wiremen).....	1.625	8/1/45	Roofers, composition.....	1.100	11/29/45
Elevator constructors.....	1.690	10/1/45	Sheet-metal workers.....	1.375	10/25/45
Painters.....	1.450	12/10/45	Plasterers' laborers.....	1.150	10/23/45
Structural steel and spray.....	1.625	12/10/45			
Structural-iron workers.....	1.725	10/18/45	<i>Grand Rapids, Mich.</i>		
Rodmen.....	1.725	10/18/45	Bricklayers.....	1.800	11/14/45
Bricklayers' tenders.....	1.000	10/24/45	Carpenters.....	1.500	11/14/45
Building laborers.....	.925	11/14/45	Cement finishers.....	1.500	11/29/45
Elevator constructors' helpers.....	1.180	10/1/45	Painters.....	1.250	10/31/45
Plasters' laborers.....	1.000	10/24/45	Spray and swing stage.....	1.500	10/31/45
<i>Dallas, Tex.</i>			Paperhangers.....	1.250	10/31/45
Asbestos workers.....	1.750	12/1/45	Plasterers.....	1.800	11/29/45
Roofers, composition.....	1.250	12/4/45	Stonemasons.....	1.800	11/14/45
<i>Dayton, Ohio</i>			Bricklayers' tenders.....	1.050	11/14/45
Asbestos workers.....	1.625	10/10/45	Building laborers.....	.950	11/14/45
Boilermakers.....	1.750	12/3/45	Plasterers' laborers.....	1.100	11/14/45
Electricians (inside wiremen).....	1.900	8/22/45	<i>Houston, Tex.</i>		
Plumbers.....	1.700	9/6/45	Electricians (inside wiremen).....	1.750	10/12/45
Sign painters.....	1.850	10/18/45	Lathers.....	1.725	10/17/45
Steam and sprinkler fitters.....	1.700	9/6/45	Plasterers.....	1.725	7/11/45
<i>Denver, Colo.</i>			Roofers, composition.....	1.375	12/10/45
Asbestos workers.....	1.625	10/31/45	Sheet-metal workers.....	1.750	12/1/45
Carpenters.....	1.625	8/15/45	<i>Indianapolis, Ind.</i>		
Marble setters' helpers.....	1.100	9/15/45	Asbestos workers.....	1.625	10/19/45
Terrazzo workers' helpers.....	1.100	9/15/45	Boilermakers.....	1.850	12/11/45
Tile layers' helpers.....	1.100	9/15/45	Bricklayers.....	1.800	8/22/45
<i>Des Moines, Iowa</i>			Carpenters.....	1.500	10/4/25
Bricklayers.....	1.750	10/8/45	Cement finishers.....	1.425	7/25/45
Cement finishers.....	1.425	8/29/45	Elevator constructors.....	1.740	11/5/45
Electricians (inside wiremen).....	1.600	11/14/45	Engineers—power equipment operators:		
Plasterers.....	1.575	8/23/45	Air compressors.....	1.200	8/1/45
Plumbers.....	1.625	11/29/45	In battery.....	1.650	8/1/45
Steam fitters.....	1.625	11/29/45	Bulldozers.....	1.650	8/1/45
<i>Detroit, Mich.</i>			Cranes, derricks, and drag-lines.....	1.700	8/1/45
Asbestos workers.....	1.725	7/19/45	Graders:		
Bricklayers.....	1.900	11/14/45	Elevating.....	1.650	8/1/45
Carpenters.....	1.625	9/20/45	Form.....	1.400	8/1/45
Elevator constructors.....	1.780	7/8/45	Holsts.....	1.700	8/1/45
Sheet-metal workers.....	1.750	10/18/45	Mixers:		
Stonemasons.....	1.900	11/14/45	Under 21 cubic feet.....	1.200	8/1/45
Structural-iron workers: Rodmen.....	1.625	10/31/45	21 cubic feet or more.....	1.650	8/1/45
Elevator constructors' helpers.....	1.250	7/8/45	Dual drum.....	1.850	8/1/45
			Pumps:		
			Over 2 in.....	1.400	8/1/45
			In battery of 4.....	1.650	8/1/45

TABLE 13.—Changes Authorized by the Wage Adjustment Board for the Building Construction Industry Between July 1, 1945, and Jan. 1, 1946—Continued

City and trade	Authorized rate	Effective date	City and trade	Authorized rate	Effective date
<i>Indianapolis, Ind.—Continued</i>			<i>Los Angeles, Calif.—Continued</i>		
Engineers—power equipment operators—Continued.			Engineers—power equipment operators:		
Rollers:			Air compressors.....	\$1.300	10/12/45
On earth.....	\$1.400	8/1/45	Bulldozers.....	1.550	10/12/45
On stone, blacktop, or brick.....	1.650	8/1/45	Cranes, derricks, and draglines:		
Shovels.....	1.700	8/1/45	Capacity less than 1 cubic yard.....	1.750	10/12/45
Tractors.....	1.400	8/1/45	Graders.....	1.425	10/12/45
Trenching machines.....	1.650	8/1/45	Elevating.....	1.675	10/12/45
Lathers.....	1.625	11/2/45	LeTourneau:		
Marble setters.....	1.750	12/7/45	Models larger than Super C.....	1.675	10/12/45
Mosaic and terrazzo workers.....	1.550	7/25/45	Mixers:		
Painters.....	1.800	8/22/45	Paving type.....	1.650	10/12/45
Spray.....	1.750	8/22/45	Skip type.....	1.425	10/12/45
Plumbers.....	1.700	10/4/45	Mobile type.....	1.650	10/12/45
Roofers:			Pumps.....	1.300	10/12/45
Composition.....	1.250	10/19/45	Rollers.....	1.500	10/12/45
Foremen.....	1.350	10/19/45	Scrapers.....	1.550	10/12/45
Slate and tile.....	1.400	10/19/45	Shovels:		
Steam fitters.....	1.700	10/4/45	Capacity less than 1 cubic yard.....	1.750	10/12/45
Tile layers.....	1.750	12/7/45	Tractors.....	1.550	10/12/45
Composition roofers' helpers.....	.800	10/19/45	Trenching machines.....	1.625	10/12/45
Elevator constructors' helpers.....	1.220	11/5/45	Glaziers.....	1.350	11/7/45
<i>Jackson, Miss.</i>			Lathers:		
Electricians (inside wiremen).....	1.500	9/20/45	Metal.....	1.750	10/12/45
<i>Jacksonville, Fla.</i>			Painters.....	1.500	11/7/45
Bricklayers.....	1.625	11/2/45	Spray.....	1.750	11/7/45
Carpenters.....	1.250	7/27/45	Paperhangers.....	1.625	11/7/45
Millwrights and pile drivers.....	1.350	7/27/45	Plasterers.....	1.750	10/12/45
Lathers.....	1.625	12/1/45	Roofers:		
Marble setters.....	1.625	11/2/45	Composition.....	1.430	8/10/45
Mosaic and terrazzo workers.....	1.625	11/2/45	Foremen.....	1.555	8/10/45
Tile layers.....	1.625	11/2/45	Slate and tile.....	1.430	8/10/45
<i>Kansas City, Mo.</i>			Structural-iron workers: Rodmen.....	1.625	10/12/45
Boilermakers.....	1.750	12/20/45	Building laborers.....	1.000	10/12/45
Cement finishers.....	1.575	7/5/45	Plasterers' laborers.....	1.550	11/27/45
Electricians (inside wiremen).....	1.750	12/13/45	<i>Louisville, Ky.</i>		
Elevator constructors.....	1.715	9/12/45	Electricians (inside wiremen).....	1.725	11/14/45
Engineers—power equipment operators:			Plumbers.....	1.725	9/11/45
Air compressors.....	1.575	9/8/45	Roofers:		
2 in tandem.....	1.700	9/8/45	Composition.....	1.250	11/27/45
Bulldozers.....	1.450	9/8/45	Sheet-metal workers.....	1.500	10/11/45
Cranes, derricks, and draglines.....	1.700	9/8/45	Steam fitters.....	1.725	9/11/45
Graders, elevating.....	1.450	9/8/45	<i>Madison, Wis.</i>		
1 drum.....	1.575	9/8/45	Carpenters.....	1.400	10/29/45
2 drums.....	1.700	9/8/45	Cement finishers.....	1.400	11/6/45
LeTourneau.....	1.575	9/8/45	Engineers—power equipment operators:		
Mixers.....	1.575	9/8/45	Air compressors.....	1.200	12/11/45
Pumps.....	1.575	9/8/45	Bulldozers.....	1.400	12/11/45
Rollers.....	1.575	9/8/45	Cranes, derricks, and draglines.....	1.750	12/11/45
Shovels.....	1.700	9/8/45	Hoists.....	1.450	12/11/45
Trenching machines (hoe).....	1.700	9/8/45	Mixers.....	1.400	12/11/45
Glaziers.....	1.675	8/1/45	When paver is used.....	1.600	12/11/45
Sprinkler fitters.....	1.700	11/30/45	Pumps.....	1.150	12/11/45
Tile layers.....	1.575	7/20/45	Concrete.....	1.600	12/11/45
Bricklayers' tenders.....	1.150	9/19/45	Rollers.....	1.600	12/11/45
Elevator constructors' helpers.....	1.200	9/12/45	Scrapers.....	1.600	12/11/45
Plasterers' laborers.....	1.150	9/19/45	Shovels.....	1.750	12/11/45
Sprinkler fitters' helpers.....	1.100	11/30/45	Tractors.....	1.400	12/11/45
<i>Los Angeles, Calif.</i>			Painters.....	1.300	11/6/45
Asbestos workers.....	1.750	10/3/45	Plasterers.....	1.580	10/4/45
Carpenters.....	1.500	10/12/45	Steam fitters.....	1.580	9/13/45
Millwrights.....	1.700	10/12/45	Bricklayers' tenders.....	1.000	11/8/45
Parquetry floorlayers.....	1.575	10/12/45	Mortar mixers.....	1.150	11/8/45
Wharf and bridge.....	1.625	10/12/45	Building laborers.....	1.000	11/8/45
Cement finishers.....	1.625	10/12/45			
Composition and mastic finishers.....	1.750	10/12/45			

TABLE 13.—Changes Authorized by the Wage Adjustment Board for the Building Construction Industry Between July 1, 1945, and Jan. 1, 1946—Continued

City and trade	Authorized rate	Effective date	City and trade	Authorized rate	Effective date
<i>Manchester, N. H.</i>			<i>Nashville, Tenn.</i>		
Carpenters.....	\$1.375	11/1/45	Asbestos workers.....	\$1.625	11/30/45
Engineers—power equipment operators:			Lathers.....	1.725	10/17/45
Air compressors:			Painters.....	1.375	11/19/45
220 cubic feet and under.....	1.000	2/1/46	Plasterers.....	1.750	10/11/45
Cranes, derricks, and draglines.....	1.750	2/1/46	Sheet-metal workers.....	1.375	10/16/45
Mixers:			<i>Newark, N. J.</i>		
Small.....	.900	2/1/46	Painters.....	1.900	8/23/45
Road.....	1.550	2/1/46	Plumbers.....	1.875	11/23/45
Rollers:			Tile layers helpers.....	1.438	9/27/45
5 tons and under.....	1.250	2/1/46	<i>New Haven, Conn.</i>		
Over 5 tons.....	1.250	2/1/46	Bricklayers.....	1.775	10/24/45
Shovels.....	1.750	2/1/46	Carpenters.....	1.500	11/28/45
<i>Memphis, Tenn.</i>			Cement finishers.....	1.775	10/24/45
Boilermakers.....	1.625	11/9/45	Engineers—power equipment operators:		
Plumbers.....	1.625	7/6/45	Cranes, derricks, draglines.....	1.825	9/12/45
Steam fitters.....	1.625	7/6/45	Hoists:		
Structural-iron workers.....	1.625	11/9/45	2 drums or steel erection.....	1.825	9/12/45
Rodmen.....	1.500	11/9/45	Shovels.....	1.825	9/12/45
Bricklayers' tenders.....	.875	11/9/45	Painters.....	1.500	10/15/45
Building laborers.....	.600	7/5/45	Plasterers.....	1.775	10/24/45
Plasterers' laborers.....	.375	11/9/45	Sheet-metal workers.....	1.750	3/1/46
<i>Milwaukee, Wis.</i>			Stonemasons.....	1.775	10/24/45
Carpenters.....	1.500	10/17/45	Building laborers.....	1.050	11/14/45
Cement finishers.....	1.500	10/18/45	<i>New Orleans, La.</i>		
Engineers—power equipment operators:			Asbestos workers.....	1.750	1/1/46
Air compressors.....	1.300	12/11/45	Painters.....	1.250	12/17/45
Bulldozers.....	1.500	12/11/45	Structural steel and spray.....	1.500	12/17/45
Cranes, derricks, and draglines.....	1.850	12/11/45	Paperhangers.....	1.250	12/17/45
Hoists.....	1.550	12/11/45	Sheet-metal workers.....	1.450	9/1/45
Mixers, on building.....	1.500	12/11/45	<i>New York, N. Y.</i>		
When power is used.....	1.700	12/11/45	Bricklayers.....	2.250	1/1/46
Pumps:			Carpenters.....	2.100	1/1/46
Concrete.....	1.250	12/11/45	Painters.....	1.840	9/24/45
Scrapers.....	1.700	12/11/45	Steel.....	2.050	11/23/45
Shovels.....	1.850	12/11/45	Tile layers.....	1.900	9/19/45
Tractors.....	1.500	12/11/45	Building laborers.....	1.250	1/1/46
Roofers:			Tile layers' helpers.....	1.438	9/20/45
Slate and tile.....	1.600	10/18/45	<i>Norfolk, Va.</i>		
Sheet-metal workers.....	1.550	9/26/45	Asbestos workers.....	1.500	10/31/45
Plumbers' laborers.....	1.250	12/1/45	Bricklayers.....	1.750	11/9/45
Secondmen.....	1.150	12/1/45	Carpenters.....	1.300	11/9/45
<i>Minneapolis, Minn.</i>			Lathers.....	1.625	11/9/45
Cement finishers.....	1.500	12/12/45	Plasterers.....	1.625	1/1/46
Engineers—power equipment operators:			Stonemasons.....	1.750	11/9/45
Air compressors.....	1.400	7/26/45	<i>Oklahoma City, Okla.</i>		
Cranes, derricks, and draglines.....	1.700	7/26/45	Bricklayers.....	1.725	9/6/45
Hoists, 1 drum.....	1.600	7/26/45	Cement finishers.....	1.725	9/26/45
Mixers:			Electricians (inside wiremen).....	1.625	11/6/45
148 and under.....	1.400	7/26/45	Lathers.....	1.725	1/1/46
Over 148.....	1.600	7/26/45	Plasterers.....	1.725	9/26/45
Pumps.....	1.400	7/26/45	Stonemasons.....	1.725	9/6/45
Trenching machines.....	1.600	7/26/45	Bricklayers' tenders.....	.900	11/26/45
Lathers.....	1.725	10/11/45	Building laborers.....	.750	11/26/45
Painters.....	1.500	10/11/45	Plasterers' laborers.....	.900	11/26/45
Paperhangers.....	1.500	10/11/45	Plumbers' laborers.....	.900	11/26/45
Plasterers.....	1.725	10/25/45	<i>Omaha, Nebr.</i>		
Sheet-metal workers.....	1.600	12/12/45	Electricians (inside wiremen).....	1.880	9/27/45
Plasterers' laborers.....	1.325	10/25/45	Sheet-metal workers.....	1.500	9/27/45
Plumbers' laborers.....	1.150	11/29/45	Structural-iron workers.....	1.575	8/1/45
<i>Mobile, Ala.</i>			Marble setters' helpers.....	1.000	10/25/45
Asbestos workers.....	1.625	12/11/45	Terrazzo workers' helpers.....	1.000	10/25/45
Bricklayers.....	1.750	11/9/45	Tile layers' helpers.....	1.000	10/25/45

TABLE 13.—Changes Authorized by the Wage Adjustment Board for the Building Construction Industry Between July 1, 1945, and Jan. 1, 1946—Continued

City and trade	Authorized rate	Effective date	City and trade	Authorized rate	Effective date
<i>Peoria, Ill.</i>			<i>Providence, R. I.</i>		
Boilermakers.....	\$1.850	12/11/45	Asbestos workers.....	\$1.580	8/15/45
Carpenters.....	1.580	10/4/45	Engineers—power equipment operators:		
Cement finishers.....	1.625	11/8/45	Air compressors.....	1.675	11/13/45
Engineers—Power equipment operators:			All digging machines.....	2.000	11/13/45
Air compressors.....	1.375	8/31/45	Graders, motor.....	1.375	11/13/45
Riveting steel tunnel and caisson.....	1.581	8/31/45	Hoists, 2 drums.....	2.000	11/13/45
Bulldozers.....	1.725	8/31/45	Pumps.....	1.675	11/13/45
Cranes, derricks, and draglines.....	1.725	8/31/45	Rollers.....	1.675	11/13/45
On steel.....	1.825	8/31/45	Tractors.....	1.375	11/13/45
Graders:			Glaziers.....	1.350	9/1/45
Form.....	1.438	8/31/45	Building laborers.....	1.000	11/28/45
Elevating.....	1.725	8/31/45			
Hoists, 2 or more drums.....	1.725	8/31/45	<i>Reading, Pa.</i>		
LeTourneau.....	1.825	8/31/45	Carpenters.....	1.500	10/24/45
Mixers:			Electricians (inside wiremen):		
Under 3 bags.....	1.375	8/31/45	Contracts under \$20,000.....	1.500	12/10/45
3-bag to 21E capacity.....	1.681	8/31/45	Contracts \$20,000 or over.....	1.750	12/10/45
Paving, 21E and larger.....	1.725	8/31/45			
Pumps:			<i>Richmond, Va.</i>		
Concrete.....	1.725	8/31/45	Carpenters.....	1.300	11/8/45
Rollers:			Painters.....	1.250	11/26/45
On asphalt or brick.....	1.725	8/31/45	Spray.....	1.600	11/26/45
Scrapers.....	1.725	8/31/45	Structural steel.....	1.600	11/26/45
Shovels.....	1.725	8/31/45	Plasterers.....	1.625	1/5/46
Tractors, straight cats.....	1.438	8/31/45	Structural-iron workers.....	1.725	10/11/45
Trenching machines.....	1.725	8/31/45	Rodmen.....	1.450	10/11/45
Plasterers.....	1.875	12/7/45			
Plumbers.....	1.700	11/14/45	<i>Rochester, N. Y.</i>		
Sheet-metal workers.....	1.680	10/4/45	Electricians (inside wiremen).....	1.725	10/24/45
Steam fitters.....	1.625	11/14/45	Boilermakers.....	1.850	12/11/45
Bricklayers' tenders.....	1.125	11/1/45	Engineers—power equipment operators:		
Building laborers.....	1.125	11/1/45	Air compressors.....	1.350	10/11/45
Plasterers' laborers.....	1.250	11/1/45	Bulldozers.....	1.600	10/11/45
			Cranes, derricks, and draglines.....	1.600	10/11/45
<i>Philadelphia, Pa.</i>			Graders.....	1.600	10/11/45
Bricklayers:			Mixers.....	1.350	10/11/45
Residential.....	1.750	9/11/45	Paving type.....	1.600	10/11/45
Electricians (inside wiremen).....	2.000	10/30/45	Pumps.....	1.350	10/11/45
Residential.....	1.620	9/11/45	Shovels.....	1.600	10/11/45
Glaziers.....	1.625	10/4/45	Tractors, side boom.....	1.600	10/11/45
Painters.....	1.625	10/24/45	Trenching machines.....	1.600	10/11/45
Steel.....	1.750	10/24/45	Plumbers.....	1.625	10/24/45
Swing stage or spray.....	1.750	10/24/45	Steam fitters.....	1.625	10/26/45
Paperhangers.....	1.500	11/7/45			
Plasterers:			<i>St. Louis, Mo.</i>		
Residential.....	1.840	9/11/45	Boilermakers.....	1.750	9/6/45
Plumbers:			Cement finishers.....	1.810	10/11/45
Residential.....	1.670	9/11/45	Lathers.....	1.900	9/19/45
Roofers:			Mosaic and terrazzo workers.....	1.600	10/19/45
Composition.....	1.575	10/1/45	Painters.....	1.650	9/19/45
Steam fitters: Residential.....	1.670	9/11/45	Plasterers.....	1.900	10/11/45
Stonemasons.....	1.750	10/26/45	Roofers: Slate and tile.....	1.875	10/23/45
Residential.....	1.350	9/11/45	Sign painters.....	1.375	10/3/45
Tile layers: Residential.....	1.620	9/11/45	Sprinkler fitters.....	1.750	11/8/45
Bricklayers' tenders: Residential.....	1.000	9/11/45	Stonemasons.....	1.750	9/26/45
Plasterers' laborers.....	1.375	8/1/45	Bricklayers' tenders.....	1.325	10/26/45
Residential.....	1.350	9/11/45	Marble setters' helpers.....	1.050	11/29/45
Tile layers' helpers: Residential.....	1.035	9/11/45	Sprinkler fitters' helpers.....	1.125	11/8/45
<i>Phoenix, Ariz.</i>			<i>St. Paul, Minn.</i>		
Boilermakers.....	1.650	8/31/45	Carpenters.....	1.500	10/11/45
Carpenters.....	1.500	9/13/45	Cement finishers.....	1.500	10/11/45
Millwrights.....	1.625	9/13/45	Lathers.....	1.725	11/1/45
Plumbers.....	1.580	9/6/45	Painters.....	1.500	10/11/45
Steam fitters.....	1.580	9/6/45	Paperhangers.....	1.500	10/11/45
			Plasterers.....	1.725	10/25/45
<i>Pittsburgh, Pa.</i>			Roofers:		
Glaziers.....	1.685	9/1/45	Composition.....	1.480	11/1/45
Painters.....	1.725	9/11/45	Foremen.....	1.580	11/1/45
Steam fitters.....	1.875	11/16/45	Slate and tile.....	1.480	11/1/45
Tile layers.....	1.725	7/6/45			

TABLE 13.—Changes Authorized by the Wage Adjustment Board for the Building Construction Industry Between July 1, 1945, and Jan. 1, 1946—Continued

City and trade	Authorized rate	Effective date	City and trade	Authorized rate	Effective date
<i>St. Paul, Minn.—Continued</i>			<i>Spokane, Wash.</i>		
Sheet-metal workers.....	\$1. 600	12/12/45	Boilermakers.....	\$1. 600	9/11/45
Bricklayers' tenders.....	1. 110	10/11/45	Bricklayers.....	1. 875	10/31/45
Building laborers.....	1. 010	10/11/45	Carpenters.....	1. 450	9/11/45
Plasterers' laborers.....	1. 325	10/25/45	Engineers—power equipment operators:		
<i>Salt Lake City, Utah</i>			Air compressors.....	1. 500	9/11/45
Asbestos workers.....	1. 375	12/10/45	Cranes, derricks, and drag-		
Boilermakers.....	1. 750	10/1/45	lines.....	1. 850	9/11/45
Bricklayers.....	1. 750	10/25/45	Hoists:		
Glaziers.....	1. 150	9/27/45	1 drum.....	1. 500	9/11/45
Painters.....	1. 375	11/6/45	2 drums.....	1. 750	9/11/45
Swing stage.....	1. 500	11/6/45	3 drums.....	1. 750	9/11/45
Paperhangers.....	1. 375	11/6/45	Mixers.....	1. 600	9/11/45
Building laborers.....	1. 000	9/5/45	Pumps.....	1. 600	9/11/45
<i>San Antonio, Tex.</i>			Shovels.....	1. 850	9/11/45
Electricians (inside wiremen).....	1. 625	9/19/45	Trenching machines.....	1. 750	9/11/45
Sheet-metal workers.....	1. 625	12/10/45	Lathers.....	1. 725	9/11/45
<i>San Francisco, Calif.</i>			Structural-iron workers.....	1. 725	9/11/45
Bricklayers.....	2. 050	12/13/45	Bricklayers' tenders.....	1. 250	9/11/45
Stonemasons.....	2. 050	12/13/45	Building laborers.....	1. 075	9/11/45
Tile layers.....	1. 800	11/30/45	<i>Springfield, Mass.</i>		
Building laborers.....	1. 063	10/3/45	Asbestos workers.....	1. 580	10/15/45
Tile layers' helpers.....	1. 375	11/30/45	<i>Tampa, Fla.</i>		
<i>Scranton, Pa.</i>			Carpenters.....	1. 250	11/12/45
Plumbers.....	1. 500	10/30/45	Sheet-metal workers.....	1. 500	11/16/45
Steam fitters.....	1. 500	10/30/45	Structural-iron workers.....	1. 625	10/25/45
<i>Seattle, Wash.</i>			Rodmen.....	1. 500	10/25/45
Asbestos workers.....	1. 710	1/1/46	<i>Toledo, Ohio</i>		
Bricklayers.....	1. 910	1/1/46	Electricians (inside wiremen).....	1. 800	7/26/45
Carpenters.....	1. 610	1/1/46	Fixture hangers.....	1. 650	7/26/45
Floor layers and boommen.....	1. 710	1/1/46	<i>Washington, D. C.</i>		
Wharf and bridge.....	1. 690	1/1/46	Elevator constructors.....	1. 960	8/1/45
Cement finishers.....	1. 670	11/6/45	Engineers—power equipment operators:		
Electricians (inside wiremen).....	1. 810	1/1/46	Air compressors.....	1. 750	10/16/45
Lathers.....	1. 810	1/1/46	Bulldozers.....	1. 450	10/16/45
Marble setters.....	1. 810	1/1/46	Cranes, derricks, and drag-		
Mosaic and terrazzo workers.....	1. 660	1/1/46	lines.....	2. 125	10/16/45
Painters.....	1. 610	1/1/46	Graders, blade.....	1. 450	10/16/45
Structural steel.....	1. 735	1/1/46	Hoists:		
Plasterers.....	1. 910	1/1/46	1 drum.....	1. 900	10/16/45
Plumbers.....	1. 810	1/1/46	2 drums.....	2. 125	10/16/45
Roofers:			LeTourneau.....	1. 650	10/16/45
Composition.....	1. 610	1/1/46	Mixers, ½ cubic yard or over.....	1. 325	10/16/45
Slate and tile.....	1. 610	1/1/46	Pumps.....	1. 700	10/16/45
Sheet-metal workers.....	1. 760	1/1/46	Rollers.....	1. 600	10/16/45
Sign painters.....	1. 910	1/1/46	Tractors.....	1. 400	10/16/45
Steam fitters.....	1. 810	1/1/46	Trenching machines.....	1. 900	10/16/45
Stonemasons.....	1. 910	1/1/46	Glaziers.....	1. 775	10/4/45
Structural-iron workers.....	1. 810	1/1/46	Lathers.....	1. 875	8/22/45
Rodmen.....	1. 610	1/1/46	Mosaic and terrazzo workers.....	1. 725	8/23/45
Tile layers.....	1. 660	1/1/46	Roofers:		
Bricklayers' tenders.....	1. 395	1/1/46	Composition:		
Building laborers.....	1. 210	1/1/46	First hand.....	1. 700	11/28/45
Marble setters' helpers.....	1. 210	1/1/46	Second hand.....	1. 400	11/28/45
Plasterers' laborers.....	1. 460	1/1/46	Sheet-metal workers.....	1. 875	7/2/45
Terrazzo workers' helpers.....	1. 210	1/1/46	Structural-iron workers: Rodmen.....	1. 950	12/12/45
Tile layers' helpers.....	1. 210	1/1/46	Tile layers.....	1. 725	8/23/45
<i>South Bend, Ind.</i>			Composition roofers' helpers.....	. 950	11/28/45
Lathers.....	1. 700	9/13/45	Elevator constructors' helpers.....	1. 370	8/1/45
Plasterers.....	1. 750	10/12/45	Marble setters' helpers.....	1. 250	10/26/45
Sheet-metal workers.....	1. 625	11/16/45	Terrazzo workers' helpers.....	1. 250	10/9/45
			Tile layers' helpers.....	1. 250	10/9/45

TABLE 13.—Changes Authorized by the Wage Adjustment Board for the Building Construction Industry Between July 1, 1945, and Jan. 1, 1946—Continued

City and trade	Authorized rate	Effective date	City and trade	Authorized rate	Effective date
<i>Wichita, Kans.</i>			<i>Worcester, Mass.—Continued</i>		
Glaziers.....	\$1. 150	10/11/45	Plasterers.....	\$1. 725	11/16/45
Lathers.....	1. 750	12/10/45	Tile layers.....	1. 725	11/16/45
Sheet-metal workers.....	1. 375	10/24/45	<i>Youngstown, Ohio</i>		
Structural-iron workers.....	1. 500	7/26/45	Cement finishers.....	1. 475	10/10/45
Rodmen.....	1. 250	7/26/45	Painters.....	1. 506	11/18/45
<i>Worcester, Mass.</i>			Structural iron and swing stage.....	1. 700	11/18/45
Bricklayers.....	1. 725	11/16/45	Plumbers.....	1. 725	12/10/45
Cement finishers.....	1. 725	11/16/45	Steam fitters.....	1. 725	12/10/45
Electricians (inside wiremen).....	1. 500	10/23/45	Bricklayers' tenders.....	1. 025	9/12/45
Marble setters.....	1. 725	11/16/45	Building laborers.....	. 925	9/12/45
Mosaic and terrazzo workers.....	1. 725	11/16/45	Plasterers' laborers.....	1. 125	9/12/45