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Union Wages and Hours:
Building Trades,
July 1, 1970

Bulletin 1709

U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics
1971

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**U.S. DEPARTMENT OF LABOR
J. D. Hodgson, Secretary
BUREAU OF LABOR STATISTICS
Geoffrey H. Moore, Commissioner
1971**



Preface

The Bureau of Labor Statistics annually surveys wage rates and scheduled hours of work for specified crafts or jobs as provided in labor-management agreements in four industries: Building construction, printing, local transit, and local trucking. The studies present the wage rates in effect on July 1, as reported to the Bureau by the appropriate local labor organizations in the cities included in the survey.

Preliminary listings of union wage rates and hours for building-trades workers in each city were issued within a few months of the reference date for the current survey (July 1, 1970). Copies of these are available from the Bureau of Labor Statistics, Washington, D.C. 20212, or any of its regional offices listed on the inside back cover of this bulletin.

The study was conducted in the Bureau's Office of Wages and Industrial Relations. This bulletin, which provides a comprehensive account of the current study and includes indexes of wages and hours for 1907-70, was prepared by Arthur I. Rose in the Division of Occupational Wage Structures.

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Building Trades, July 1, 1970

Hourly wage rates for union building-trades workers, in cities with 100,000 inhabitants or more, averaged \$6.18 on July 1, 1970—up 64 cents, or 11.6 percent, over the previous year. The percentage increase in average rates exceeded that for the 1968-69 period (8.3 percent) and was the largest annual advance since 1945-46 (14.4 percent).

Beginning July 1970, the wage-rate index for building-trades workers was calculated on a 1967=100 base period; the base previously used was 1957-59=100. On the new base (1967=100), the index for July 1970 is 128.8¹

Nearly all the workers surveyed received wage-rate increases during the year ending July 1, 1970. The amount of the increases varied considerably—nearly one-sixth of the workers received increases of less than 6 percent, while a slightly larger proportion were granted wage adjustments of 17 percent or more. (See table 8.) Cents-per-hour increases during the year are presented in table 9.

Since 1960, union wage rates for construction workers advanced at an annual rate of 5.5 percent. The annual rate of increase amounted to 3.8 percent for the first half of the decade, compared with 7.2 percent for the 1965-70 period. The following tabulation shows the pattern of increases for all building-trades workers combined, and separately for journeymen and for helpers and laborers, during the decade.

Year	All building- trades workers	Journey- men	Helpers and laborers
1960-61	4.0	3.8	4.8
1961-62	3.7	3.8	3.6
1962-63	3.6	3.6	3.6
1963-64	3.7	3.6	4.3
1964-65	4.1	4.0	4.7
1965-66	4.2	4.2	4.2
1966-67	5.6	5.6	5.7
1967-68	6.6	6.7	6.4
1968-69	8.3	8.4	7.6
1969-70	11.6	11.4	12.5

Among the 24 journeymen trades studied, average wage rates ranged from \$7.01 an hour for plumbers to \$5.81 for slate and tile roofers on July 1, 1970. (See

table 6.) The range in average wage rates for the nine helper and laborer classifications included in the survey was from \$5.46 an hour for terrazzo workers' helpers to \$3.65 for composition roofers' helpers. Building laborers, who constitute about three-fourths of the workers in the helper-laborer classifications, averaged \$4.78 an hour.

Many labor-management agreements for the building trades provide for employer payments to insurance (health and welfare), pensions, and vacation plans. When these payments were added to the basic wage rates, the average for all building-trades workers on July 1, 1970, was \$6.97 an hour. Corresponding averages were \$7.39 for journeymen and \$5.47 for helpers and laborers. The following table shows the importance of employer contributions to specified funds as a percent of wage rates for 1965 and 1970 for all workers, journeymen, helpers and laborers, and for selected trades.²

Straight-time workweek schedules averaged 39.2 hours on July 1, 1970, for all building-trades workers combined. (See table 5.) A 40-hour weekly schedule was in effect for about 4 of every 5 workers. Weekly work schedules of 35 hours, covering nearly all of the remaining workers, were typically reported in Detroit, Newark, New York City, and San Francisco—Oakland. (See table 15.)

Scope and method of study

Union wage rates and hours are determined by collective bargaining between trade unions and employers, and are defined as (1) the basic (minimum) rates, excluding holiday, vacation, or other benefit payments regularly made or credited to the worker each pay period, and (2) the maximum schedules of hours at straight-time rates. Rates over the negotiated minimum, which may

¹ The all trades-index was 186.3 on the 1957-59 base. The U.S. Office of Management and Budget established the new base period for use by Federal Government statistical agencies in line with a long-standing policy that index bases be updated periodically. The change in base period does not affect percentage changes in the index over time, except for rounding differences.

² The Bureau first developed average employer contributions per hour in 1965.

Average employer contributions to specified benefit funds, as a percent of average union hourly wage rates, 1965 and 1970

Occupation	1965			1970		
	Wage rate	Benefit	Benefit as percent of wage	Wage rate	Benefit	Benefit as percent of wage
All building trades . . .	\$4.42	\$0.34	7.7	\$6.18	\$0.80	12.9
Journeyman	4.64	.37	8.0	6.54	.84	12.8
Bricklayers	4.87	.48	9.9	6.77	.80	11.8
Carpenters	4.56	.36	7.9	6.42	.93	14.4
Electricians	4.81	.35	7.3	6.82	.75	11.0
Painters	4.28	.30	7.0	5.95	.61	10.3
Plasterers	4.72	.47	10.0	6.35	.70	11.0
Plumbers	4.91	.53	10.8	7.01	1.22	17.4
Helpers and laborers	3.54	.25	7.1	4.86	.61	12.6

be paid for special qualifications or other reasons, are not included.

The information presented in this bulletin was based on union rates in effect on July 1, 1970, and covered approximately 760,000 journeymen and 205,000 helpers and laborers in 68 cities actually surveyed. Data were obtained primarily from local union officials by mail questionnaire; in some instances, Bureau economists visited local union officials to obtain the desired information.

Based on the 1960 Census of Population, the current survey was designed to reflect union wage rates in building construction in all cities having a population of 100,000 or more, excluding Honolulu. All cities having a population of a half million or more were included, as were most cities in the 250,000 to 500,000 group. The cities in the 100,000 to 250,000 group selected

for study were distributed widely throughout the United States. Data for some cities were weighted to compensate for cities not surveyed. To provide appropriate representation in the combination of data, each region was considered separately when city weights were assigned.

Average hourly wage rates, designed to show current levels, were based on all rates reported in effect on July 1, 1970. Individual rates were weighted by the number of union members at the rate. These averages are not designed for precise year-to-year comparisons because of fluctuations in membership and in job classifications studied. Average cents-per-hour and percent changes were based on comparable quotations for the various occupational classifications in both periods, weighted by the membership reported in the current (1970) survey. The index series, designed for trend purposes, was constructed similarly.

Table 1. Wage rate indexes: United States, 1907-70

(Indexes of union hourly wage rates in the building trades, 1907-70)

(1967=100)

Date	All trades	Journeyman	Helpers and laborers
1907: May 15	7.7	8.2	5.6
1908: May 15	8.2	8.8	5.8
1909: May 15	8.6	9.2	6.0
1910: May 15	9.0	9.6	6.2
1911: May 15	9.1	9.7	6.2
1912: May 15	9.3	9.9	6.2
1913: May 15	9.5	10.2	6.4
1914: May 1	9.8	10.4	6.5
1915: May 1	9.9	10.5	6.6
1916: May 15	10.2	10.8	6.8
1917: May 15	10.8	11.5	7.5
1918: May 15	12.0	12.7	8.6
1919: May 15	13.8	14.5	10.0
1920: May 15	18.5	19.3	14.5
1921: May 15	18.9	19.7	14.6
1922: May 15	17.7	18.6	13.3
1923: May 15	19.6	20.5	14.1
1924: May 15	21.1	22.1	15.3
1925: May 15	21.9	22.9	15.8
1926: May 15	23.4	24.5	17.2
1927: May 15	24.2	25.3	17.5
1928: May 15	24.3	25.5	17.7
1929: May 15	24.6	25.8	18.0
1930: May 15	25.7	26.9	18.9
1931: May 15	25.7	27.0	18.8
1932: May 15	22.0	23.1	16.1
1933: May 15	21.4	22.5	15.3
1934: May 15	21.6	22.6	15.8
1935: May 15	21.8	22.9	15.9
1936: May 15	22.5	23.6	16.8
1937: May 15	24.1	25.2	18.3
1938: June 1	26.3	27.5	20.1
1939: June 1	26.5	27.6	20.3
1940: June 1	26.9	28.0	20.7
1941: June 1	27.9	29.0	21.7
1942: July 1	29.6	30.7	23.8
1943: July 1	29.8	30.8	24.1
1944: July 1	30.1	31.0	24.3
1945: July 1	30.7	31.6	25.5
1946: July 1	34.2	35.0	29.6
1947: July 1	39.1	39.9	34.6
1948: July 1	43.3	44.0	39.1
1949: July 1	45.1	45.9	40.5
1950: July 1	47.0	47.8	42.7
1951: July 1	50.1	50.8	45.6
1952: July 1	53.2	53.9	48.6
1953: July 1	55.9	56.5	52.0
1954: July 1	58.0	58.6	54.2
1955: July 1	60.0	60.6	56.5
1956: July 1	62.8	63.3	59.9
1957: July 1	66.0	66.5	63.4
1958: July 1	69.0	69.5	66.5
1959: July 1	72.4	72.7	70.7
1960: July 1	75.4	75.5	74.0
1961: July 1	78.4	78.4	77.5
1962: July 1	81.3	81.4	80.3
1963: July 1	84.2	84.4	83.2
1964: July 1	87.3	87.4	86.8
1965: July 1	90.9	90.9	90.8
1966: July 1	94.7	94.7	94.6
1967: July 1	100.0	100.0	100.0
1968: July 1	106.6	106.7	105.9
1969: July 1	115.4	115.7	113.9
1970: July 1	128.8	128.9	128.1

Table 2. Wage rate indexes by trade: United States, 1907-70

(Indexes of union hourly wage rates in each building trade, 1907-70)

(1967=100)

Date	Asbestos workers	Boiler-makers	Brick-layers	Carpenters	Cement finishers	Electricians (inside wiremen)	Elevator constructors	Glaziers	Lathers	Machinists	Marble setters	Mosaic and terrazzo workers	Painters	Paper-hangers	Pipe-fitters
1907: May 15	-	-	11.0	7.9	9.7	7.8	-	-	-	-	11.0	-	7.5	-	8.5
1908: May 15	-	-	11.3	8.4	9.6	8.5	-	-	-	-	11.1	-	8.3	-	8.5
1909: May 15	-	-	11.6	8.8	9.9	8.9	-	-	-	-	11.2	-	8.9	-	9.8
1910: May 15	-	-	11.8	9.2	10.0	9.1	-	-	-	-	11.3	-	9.4	-	9.0
1911: May 15	-	-	11.8	9.4	10.4	9.2	-	-	-	-	11.5	-	9.6	-	9.3
1912: May 15	-	-	11.9	9.6	10.4	9.3	-	-	10.3	-	11.5	-	9.7	-	9.5
1913: May 15	-	-	12.2	9.7	10.7	9.5	-	-	10.5	-	12.2	-	10.1	-	9.8
1914: May 1	-	-	12.4	9.9	10.7	9.8	11.3	-	10.7	-	12.3	-	10.4	-	10.1
1915: May 1	-	-	12.5	10.0	10.9	10.0	11.4	-	10.9	-	12.5	-	10.5	-	10.3
1916: May 15	9.8	-	12.6	10.3	10.9	10.2	11.7	-	11.2	-	12.5	9.9	11.5	-	10.4
1917: May 15	10.3	-	13.0	11.2	11.6	10.9	12.5	-	11.6	-	12.5	10.5	11.8	-	10.9
1918: May 15	11.6	-	14.1	12.4	12.8	12.0	13.3	11.2	12.5	-	13.2	11.4	13.0	-	11.9
1919: May 15	14.1	-	15.6	14.3	11.5	13.8	15.5	12.0	13.9	-	14.7	12.2	15.2	-	13.3
1920: May 15	18.3	-	21.3	19.2	19.4	18.3	19.9	17.3	19.9	-	19.4	18.0	20.8	-	17.6
1921: May 15	18.6	-	21.1	19.3	20.1	18.9	20.9	17.7	20.2	-	19.7	18.3	21.4	-	17.8
1922: May 15	17.2	-	20.5	17.9	18.7	17.8	19.0	17.7	19.0	-	19.3	17.8	20.0	-	17.3
1923: May 15	17.9	-	23.3	20.0	20.4	18.5	20.8	18.8	21.0	-	21.8	18.2	21.9	-	18.2
1924: May 15	20.0	-	24.6	21.3	22.6	20.6	23.3	19.8	22.6	-	22.8	21.5	23.1	-	20.9
1925: May 15	20.8	-	26.0	21.8	22.7	21.7	24.4	22.0	24.6	-	23.2	22.6	24.4	-	22.0
1926: May 15	22.2	-	27.6	23.4	24.2	22.9	25.6	22.3	25.3	-	26.1	23.1	25.9	-	23.9
1927: May 15	23.3	-	28.3	24.1	25.3	23.8	26.6	23.8	26.3	-	26.6	24.0	26.7	-	24.5
1928: May 15	23.5	-	28.5	24.3	25.0	24.1	26.9	24.1	26.4	-	26.7	25.2	27.2	-	24.9
1929: May 15	24.6	-	29.1	24.6	25.0	24.5	27.0	24.5	26.2	-	28.6	26.4	27.1	-	25.0
1930: May 15	26.0	-	29.9	25.6	26.6	25.5	28.3	25.6	27.3	-	28.7	27.6	28.7	-	26.3
1931: May 15	26.2	-	29.8	25.7	26.8	25.9	28.4	25.8	27.1	-	28.8	27.9	28.7	-	26.4
1932: May 15	21.9	-	25.5	21.0	23.4	24.7	26.4	21.6	24.4	-	26.4	25.9	24.3	-	22.7
1933: May 15	21.8	-	24.9	21.0	22.9	22.6	24.5	21.5	23.5	-	25.6	23.6	23.8	-	22.1
1934: May 15	21.8	-	24.9	21.3	23.1	22.6	24.7	22.8	24.1	-	25.4	24.0	23.5	-	22.3
1935: May 15	22.1	-	24.6	21.7	23.2	23.7	24.7	23.0	24.4	-	25.6	24.0	23.5	-	22.7
1936: May 15	23.0	-	24.7	22.8	23.8	24.3	24.9	23.4	24.9	-	25.7	24.0	24.7	-	23.4
1937: May 15	24.7	25.7	26.5	24.2	25.5	25.4	25.9	25.6	27.4	24.8	27.2	25.2	26.5	27.3	24.8
1938: June 1	27.1	28.3	29.2	26.4	27.8	28.0	29.1	27.5	29.5	26.4	29.5	28.0	28.2	27.8	27.9
1939: June 1	27.3	28.6	29.4	26.5	28.0	28.0	29.5	27.6	30.5	26.5	29.6	28.4	28.5	27.9	28.1
1940: June 1	27.6	29.0	29.9	27.1	28.2	28.5	30.0	27.9	30.7	26.7	30.1	28.5	28.1	28.1	28.2
1941: June 1	28.5	29.5	30.7	27.7	29.2	29.9	30.7	28.8	31.9	27.3	30.2	28.7	30.4	30.0	29.1
1942: July 1	30.6	31.4	31.8	29.6	30.9	31.9	32.4	30.1	33.3	28.7	30.7	29.7	31.4	31.3	30.7
1943: July 1	30.7	31.4	31.9	29.7	31.3	32.0	32.7	30.3	33.3	29.4	30.9	30.2	32.0	31.4	30.9
1944: July 1	30.9	31.4	32.3	30.0	31.6	32.2	32.9	30.4	33.6	29.6	31.2	30.6	32.3	31.8	31.1
1945: July 1	31.2	31.7	33.0	30.5	31.9	32.9	33.1	31.0	34.0	29.6	32.4	31.2	32.7	32.0	32.1
1946: July 1	34.3	34.2	36.9	34.3	35.8	35.1	35.3	34.1	37.8	33.0	36.0	35.3	36.3	35.6	35.0
1947: July 1	38.0	38.3	42.6	39.5	40.3	39.6	40.4	39.2	44.0	38.1	41.0	41.4	40.6	40.6	39.1
1948: July 1	42.0	42.9	48.6	43.5	45.0	43.4	44.4	43.0	48.1	42.1	45.8	46.1	43.9	42.9	43.3
1949: July 1	45.0	45.3	51.1	44.7	46.4	47.2	47.3	44.4	50.0	44.4	47.5	47.5	46.2	45.2	45.3
1950: July 1	47.2	47.4	52.9	46.9	48.3	48.4	49.5	46.8	54.7	45.1	49.2	50.0	47.8	47.0	47.2
1951: July 1	49.9	49.9	55.1	50.0	51.4	52.0	52.3	49.1	57.2	47.9	50.8	53.2	50.9	50.1	50.1
1952: July 1	52.2	53.0	59.8	53.1	53.7	55.0	54.3	51.4	59.2	50.0	54.5	54.9	54.2	53.1	53.1
1953: July 1	56.0	56.4	61.7	55.8	57.0	57.3	57.9	55.0	61.9	54.3	58.2	57.6	56.8	56.4	55.6
1954: July 1	58.7	58.8	63.6	57.6	58.7	59.0	60.1	56.6	63.6	56.5	60.1	59.9	58.5	58.3	58.6
1955: July 1	60.4	60.5	65.3	59.8	60.9	60.3	62.3	59.2	65.2	59.1	61.5	61.7	60.9	60.7	60.0
1956: July 1	62.8	63.1	68.3	62.3	63.9	63.6	64.7	62.2	68.0	61.4	64.4	64.9	63.4	63.1	62.8
1957: July 1	65.6	66.9	70.9	65.6	67.1	66.8	67.3	65.4	70.9	63.7	68.2	68.0	66.7	67.1	66.1
1958: July 1	69.6	70.4	73.3	68.6	69.9	70.3	70.7	68.7	73.9	67.8	70.8	70.8	69.1	69.9	69.5
1959: July 1	72.5	73.8	76.5	72.1	73.4	72.7	73.9	72.0	76.5	71.1	73.4	74.1	71.8	72.9	72.5
1960: July 1	75.0	76.9	78.8	75.0	76.2	76.4	76.3	75.3	79.1	73.8	76.2	76.7	74.9	75.8	75.2
1961: July 1	77.3	80.0	81.8	77.9	79.1	79.4	79.9	78.1	81.4	76.8	78.9	79.6	77.7	78.5	78.0
1962: July 1	80.6	82.8	84.3	80.7	81.6	83.6	82.3	80.5	84.1	79.9	81.2	82.4	80.6	81.2	80.9
1963: July 1	83.6	85.4	86.7	83.6	84.2	86.2	86.4	83.6	86.2	83.3	84.3	85.2	84.3	83.7	83.6
1964: July 1	86.7	88.9	89.3	86.6	86.9	89.2	89.1	86.9	89.2	86.9	87.0	88.1	87.3	87.1	86.8
1965: July 1	90.5	92.3	91.8	90.7	90.9	91.5	92.4	90.4	92.4	90.6	90.2	91.8	90.9	90.5	90.4
1966: July 1	94.3	95.8	95.0	94.6	94.6	94.9	95.6	95.6	95.2	95.1	94.6	95.8	94.6	94.4	94.6
1967: July 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968: July 1	107.0	106.2	106.8	107.0	106.3	106.5	104.1	107.2	106.3	105.7	106.1	105.8	106.3	107.5	106.6
1969: July 1	116.6	114.1	115.0	115.8	114.6	117.1	110.4	115.8	115.4	111.8	113.4	112.9	115.1	117.3	115.7
1970: July 1	129.5	125.7	127.7	128.9	127.0	130.4	124.9	130.7	128.6	121.1	124.6	124.0	126.6	131.0	129.5

Table 2. Wage rate indexes by trade: United States, 1907-70—Continued

(Indexes of union hourly wage rates in each building trade, 1907-70)

(1967=100)

Date	Plasterers	Plumbers	Rodmen	Roofers, composition	Roofers, slate and tile	Sheet-metal workers	Stonemasons	Structural-iron workers	Tile layers	Bricklayers' tenders	Building laborers	Composition roofers' helpers	Plasterers' laborers	Plumbers' laborers	Tile layers' helpers
1907: May 15	12.1	9.6	-	-	-	7.8	9.9	8.1	-	6.4	5.9	-	7.9	-	-
1908: May 15	12.1	9.7	-	-	-	8.0	10.1	8.9	-	6.4	5.9	-	8.2	-	-
1909: May 15	12.2	9.8	-	-	-	8.0	10.1	9.5	-	6.4	5.9	-	8.3	-	-
1910: May 15	12.4	9.9	-	-	-	8.3	10.2	10.1	-	6.6	6.1	-	8.4	-	-
1911: May 15	12.4	10.5	-	-	-	8.6	10.3	10.3	-	6.6	6.2	-	8.4	-	-
1912: May 15	12.7	10.6	-	-	-	8.8	10.4	10.5	11.1	6.6	6.2	-	8.5	-	7.3
1913: May 15	12.8	10.9	-	-	-	9.1	10.7	10.8	11.7	6.8	6.5	-	8.7	-	7.4
1914: May 1	12.8	11.1	-	7.8	9.9	9.5	11.1	11.1	11.8	6.8	6.5	-	8.9	-	7.5
1915: May 1	12.9	11.1	-	8.1	10.3	9.6	11.2	11.1	11.8	6.9	6.6	-	8.9	-	7.7
1916: May 15	13.4	11.2	-	8.2	10.6	9.7	11.4	11.2	12.0	7.1	6.9	-	9.2	-	8.0
1917: May 15	13.8	11.6	-	8.6	11.3	10.2	11.8	11.9	12.5	7.9	7.7	-	9.7	-	8.2
1918: May 15	14.5	12.8	-	9.7	12.4	11.9	12.9	13.6	12.9	9.2	8.9	-	11.2	-	8.5
1919: May 15	16.7	15.2	-	10.8	14.2	13.2	14.5	15.3	14.1	10.7	10.1	-	12.8	-	10.3
1920: May 15	21.9	18.8	-	15.4	18.3	17.7	20.2	19.4	18.9	15.6	14.6	-	18.5	-	16.9
1921: May 15	23.0	19.6	-	16.2	19.9	18.3	20.7	19.8	18.8	15.7	14.8	-	19.2	-	17.0
1922: May 15	22.1	18.2	-	15.5	19.0	17.0	19.3	17.9	18.5	13.1	13.8	-	16.8	-	16.0
1923: May 15	24.7	20.2	-	15.6	21.2	18.3	22.8	19.2	20.3	14.3	14.1	-	18.5	-	16.4
1924: May 15	27.6	21.9	-	18.1	23.5	20.1	24.2	21.7	22.9	14.9	15.7	-	19.9	-	17.8
1925: May 15	28.1	22.4	-	18.7	24.6	20.7	24.6	22.0	23.5	16.6	15.0	-	21.2	-	18.3
1926: May 15	30.1	24.1	-	20.3	25.4	22.2	27.1	23.6	24.6	18.2	16.5	-	22.5	-	19.8
1927: May 15	30.7	24.6	-	20.9	26.6	22.8	27.5	25.2	25.8	18.6	16.6	-	22.7	-	20.1
1928: May 15	30.9	25.1	-	21.3	26.6	22.4	27.8	25.3	25.7	18.6	16.6	-	23.0	-	20.5
1929: May 15	30.4	25.4	-	21.7	26.9	23.2	28.6	25.5	26.0	19.4	16.7	-	23.2	-	20.2
1930: May 15	32.0	26.4	-	23.0	27.8	20.2	29.0	26.9	27.2	20.2	17.6	-	24.5	-	21.9
1931: May 15	31.9	26.6	-	23.2	27.8	24.7	29.2	27.2	27.5	20.0	17.4	-	24.4	-	21.9
1932: May 15	26.5	23.2	-	20.3	24.2	21.4	25.9	23.6	23.7	16.6	15.0	-	20.3	-	19.4
1933: May 15	25.5	22.9	-	19.8	23.6	20.8	24.2	23.3	23.0	16.4	14.1	-	19.1	-	18.4
1934: May 15	25.8	23.2	-	20.2	23.4	20.9	24.1	23.6	23.0	17.5	14.6	-	19.6	-	18.4
1935: May 15	26.1	23.5	-	20.8	24.1	21.1	24.1	23.8	23.2	17.0	14.8	-	20.0	-	19.1
1936: May 15	26.2	24.1	-	20.9	24.3	21.5	24.3	24.4	23.6	17.8	16.1	-	20.3	-	19.4
1937: May 15	28.9	25.4	24.1	22.6	26.1	23.0	26.9	26.7	25.3	19.2	17.6	20.0	22.2	-	20.4
1938: June 1	32.3	28.5	26.4	25.0	27.8	25.3	29.2	28.8	27.7	21.2	18.9	21.3	25.0	20.2	22.5
1939: June 1	32.6	28.8	26.7	25.1	28.1	25.7	29.3	29.1	27.8	21.2	19.0	21.4	25.3	20.8	22.6
1940: June 1	32.7	29.2	27.0	25.6	28.5	26.1	29.1	29.2	27.8	22.0	19.3	22.0	25.3	21.7	22.6
1941: June 1	33.3	30.5	28.4	26.7	29.2	27.4	29.9	30.6	28.2	22.7	20.4	23.0	25.8	22.9	23.2
1942: July 1	34.2	31.8	29.6	29.1	31.8	29.8	31.6	31.6	29.6	24.5	22.7	25.4	27.8	24.5	24.7
1943: July 1	34.3	31.9	29.8	29.2	32.0	29.9	31.7	31.7	30.0	24.7	23.0	25.5	28.0	24.7	25.0
1944: July 1	34.5	32.1	29.9	29.4	32.2	30.1	31.9	31.9	30.3	24.9	21.4	26.2	28.1	25.2	25.1
1945: July 1	35.0	32.8	30.6	29.8	32.9	30.4	32.7	32.4	31.3	25.8	24.7	26.2	29.2	25.9	25.4
1946: July 1	38.7	35.5	33.7	33.2	35.7	34.2	37.1	35.3	35.4	30.0	28.9	29.7	32.8	29.5	29.5
1947: July 1	45.4	41.1	37.9	38.6	39.7	37.7	42.4	39.6	41.4	35.1	33.8	32.8	38.8	33.8	36.3
1948: July 1	48.3	45.5	42.1	42.7	44.1	42.3	48.6	44.2	46.3	39.3	38.1	37.7	43.7	37.8	41.1
1949: July 1	52.8	46.9	44.0	44.7	46.5	43.6	51.5	45.8	48.4	40.4	39.6	39.8	45.4	40.3	42.9
1950: July 1	55.2	48.0	45.8	46.6	47.6	45.7	54.7	48.0	49.4	43.2	41.8	41.8	46.9	42.1	44.4
1951: July 1	57.9	50.8	48.8	49.4	51.3	48.3	56.6	51.1	52.8	45.4	44.8	44.7	51.4	45.0	47.4
1952: July 1	61.2	53.8	51.4	52.0	54.2	51.9	60.7	53.5	54.9	48.3	47.8	48.6	54.6	47.1	49.7
1953: July 1	63.6	55.8	54.3	55.1	57.1	54.3	61.7	56.5	58.0	50.9	51.4	51.0	57.7	50.3	52.2
1954: July 1	64.7	58.8	56.3	57.1	59.1	56.9	63.1	58.6	59.6	53.1	53.7	52.6	59.7	52.9	55.0
1955: July 1	66.7	60.3	58.7	59.2	61.3	59.1	65.0	60.7	61.7	55.3	56.1	55.1	62.1	55.2	56.9
1956: July 1	69.2	62.9	61.4	62.2	64.5	61.8	67.9	63.3	64.1	59.6	59.3	58.3	65.4	58.1	59.7
1957: July 1	71.7	66.4	64.8	65.4	67.7	64.7	69.9	66.6	67.6	62.8	63.0	62.3	68.6	61.4	62.2
1958: July 1	74.0	69.3	67.4	67.8	70.9	68.3	72.5	68.8	69.5	65.8	66.1	65.1	71.5	64.7	64.9
1959: July 1	76.4	72.9	71.0	71.3	73.9	71.6	74.9	72.6	73.2	70.4	70.5	68.7	74.5	68.4	69.2
1960: July 1	79.6	75.3	74.2	74.6	76.8	74.8	77.4	75.1	76.2	73.2	73.8	71.6	77.8	72.4	73.8
1961: July 1	81.4	78.1	77.0	77.6	79.5	77.4	80.7	78.0	80.0	76.7	77.4	74.8	80.7	75.9	76.8
1962: July 1	84.0	81.1	80.5	80.7	81.7	80.4	82.7	81.4	81.7	80.4	80.0	77.2	83.3	79.4	80.4
1963: July 1	86.0	84.4	83.2	83.8	85.3	83.9	85.2	84.1	85.4	82.8	82.9	80.8	85.7	81.9	84.2
1964: July 1	89.7	87.8	86.6	87.0	89.0	86.7	87.5	87.2	88.2	86.7	86.4	84.6	89.8	86.1	87.7
1965: July 1	92.1	91.4	89.4	90.6	92.1	90.3	90.0	90.2	92.7	91.5	90.5	89.3	91.6	90.2	91.9
1966: July 1	95.6	94.6	93.8	94.6	95.4	94.5	94.6	94.8	95.8	94.5	94.5	94.0	94.6	94.1	95.4
1967: July 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968: July 1	105.1	106.8	107.3	107.7	106.4	106.8	105.7	106.8	106.2	105.1	106.5	107.2	106.1	107.0	107.3
1969: July 1	113.3	115.9	118.0	116.4	114.3	115.7	114.0	117.1	113.5	111.7	114.8	116.7	116.4	115.1	114.4
1970: July 1	126.0	130.5	130.4	130.0	125.4	131.8	128.6	129.5	123.8	125.0	129.3	128.6	131.6	130.1	128.5

Table 3. Weekly hours indexes: United States, 1907-70

(Indexes of union weekly hours in the building trades, 1907-70)

(1967=100)

Date	All trades	Journeyman	Helpers and laborers
1907: May 15	125.1	123.8	129.8
1908: May 15	123.2	122.0	127.1
1909: May 15	121.5	120.5	124.4
1910: May 15	120.0	119.1	122.2
1911: May 15	119.6	118.7	122.0
1912: May 15	119.2	118.3	121.6
1913: May 15	119.0	118.0	121.6
1914: May 1	118.4	117.7	120.9
1915: May 1	118.3	117.6	120.8
1916: May 15	117.9	117.1	120.5
1917: May 15	117.6	116.9	120.0
1918: May 15	117.0	116.2	119.6
1919: May 15	116.4	115.8	118.5
1920: May 15	115.9	115.3	117.7
1921: May 15	115.8	115.2	117.7
1922: May 15	115.8	115.3	117.4
1923: May 15	115.9	115.4	117.6
1924: May 15	115.9	115.4	117.6
1925: May 15	115.9	115.4	117.4
1926: May 15	115.7	115.2	117.1
1927: May 15	115.5	114.8	117.1
1928: May 15	114.8	114.0	117.0
1929: May 15	113.8	113.3	114.7
1930: May 15	110.6	110.0	112.1
1931: May 15	109.3	108.5	111.2
1932: May 15	107.3	106.6	108.7
1933: May 15	107.0	106.2	108.2
1934: May 15	103.0	102.3	104.8
1935: May 15	102.2	101.5	104.1
1936: May 15	102.2	101.5	104.3
1937: May 15	102.6	101.9	104.7
1938: June 1	100.9	100.1	103.0
1939: June 1	100.7	100.0	102.8
1940: June 1	100.6	100.0	102.2
1941: June 1	101.0	100.5	102.5
1942: July 1	101.8	101.8	101.6
1943: July 1	101.7	102.0	100.9
1944: July 1	101.9	102.2	100.9
1945: July 1	101.9	102.2	100.9
1946: July 1	100.9	101.1	100.2
1947: July 1	100.8	100.9	100.2
1948: July 1	100.8	101.0	100.1
1949: July 1	100.9	101.1	100.1
1950: July 1	101.0	101.2	100.1
1951: July 1	100.9	101.1	100.0
1952: July 1	100.9	101.1	100.2
1953: July 1	100.9	101.1	100.2
1954: July 1	100.9	101.1	100.2
1955: July 1	100.9	101.1	100.2
1956: July 1	100.9	101.1	100.2
1957: July 1	100.9	101.1	100.2
1958: July 1	100.8	101.0	100.2
1959: July 1	100.8	101.0	100.2
1960: July 1	100.7	100.9	100.2
1961: July 1	100.6	100.8	100.2
1962: July 1	100.5	100.7	100.2
1963: July 1	100.3	100.5	100.1
1964: July 1	100.3	100.5	100.1
1965: July 1	100.2	100.4	100.1
1966: July 1	100.1	100.2	100.1
1967: July 1	100.0	100.0	100.0
1968: July 1	100.0	100.0	100.0
1969: July 1	100.1	100.1	100.0
1970: July 1	99.9	99.9	99.9

Table 4. Weekly hours indexes by trade: United States, 1907-70

(Indexes of union weekly hours in each building trade, 1907-70)

(1967=100)

Date	Asbestos workers	Boiler-makers	Brick-layers	Carpenters	Cement finishers	Electricians (inside wiremen)	Elevator constructors	Glaziers	Lathers	Machinists	Marble setters	Mosaic and terrazzo workers	Painters	Paper-hangers	Pipe-fitters
1907: May 15 -----	-	-	124.3	121.8	122.7	128.8	-	-	-	-	120.4	-	127.3	-	119.0
1908: May 15 -----	-	-	121.7	120.0	121.6	127.9	-	-	-	-	120.4	-	125.4	-	119.0
1909: May 15 -----	-	-	119.1	118.5	122.5	127.0	-	-	-	-	119.2	-	123.7	-	118.7
1910: May 15 -----	-	-	116.9	117.1	122.3	126.3	-	-	-	-	118.9	-	122.1	-	118.0
1911: May 15 -----	-	-	116.5	116.5	121.1	126.1	-	-	-	-	118.4	-	121.2	-	117.9
1912: May 15 -----	-	-	116.5	116.4	121.1	125.7	-	-	122.7	-	118.4	-	121.1	-	117.4
1913: May 15 -----	-	-	116.3	116.3	119.8	125.2	-	-	122.7	-	118.4	-	120.4	-	116.7
1914: May 15 -----	-	-	115.8	115.8	119.0	124.7	118.1	-	122.7	-	118.2	-	120.2	-	115.2
1915: May 1 -----	-	-	115.7	115.8	119.0	124.0	117.6	-	122.1	-	118.2	-	120.2	-	115.2
1916: May 15 -----	113.4	-	115.8	115.8	117.2	123.0	117.5	-	122.1	-	118.0	120.1	119.3	-	114.8
1917: May 15 -----	112.9	-	115.1	115.8	115.9	122.4	116.8	-	121.5	-	117.9	120.1	119.2	-	114.7
1918: May 15 -----	112.3	-	115.1	114.6	115.3	121.6	116.8	114.0	121.5	-	117.9	115.7	118.7	-	113.6
1919: May 15 -----	111.1	-	114.9	113.9	114.4	120.6	116.0	114.0	121.2	-	117.3	115.7	118.5	-	113.5
1920: May 15 -----	111.0	-	114.8	114.0	113.8	120.3	115.9	113.5	120.4	-	117.3	115.7	115.1	-	113.4
1921: May 15 -----	114.3	-	114.8	113.9	113.8	120.3	115.8	114.0	120.1	-	117.4	115.7	115.2	-	113.3
1922: May 15 -----	111.3	-	114.8	114.0	113.7	120.3	115.5	114.1	120.2	-	116.4	115.7	116.0	-	113.3
1923: May 15 -----	111.0	-	114.8	114.4	113.7	120.3	115.6	113.5	120.7	-	117.4	115.7	115.7	-	113.3
1924: May 15 -----	111.1	-	114.7	114.2	113.7	120.2	115.6	113.5	120.4	-	117.4	115.8	115.6	-	113.3
1925: May 15 -----	111.1	-	114.6	114.2	113.4	120.2	115.5	113.1	120.0	-	117.4	115.7	115.9	-	113.3
1926: May 15 -----	111.1	-	114.7	114.2	113.4	120.2	115.5	113.5	119.7	-	117.4	115.7	115.6	-	113.1
1927: May 15 -----	111.0	-	114.1	114.2	113.0	120.2	115.5	113.9	119.1	-	117.3	115.3	115.1	-	112.9
1928: May 15 -----	111.0	-	114.1	113.6	112.4	119.5	115.5	113.4	118.5	-	117.3	115.3	111.9	-	112.9
1929: May 15 -----	110.1	-	111.1	113.6	112.5	116.7	115.0	112.2	117.9	-	117.3	115.4	111.6	-	112.3
1930: May 15 -----	106.1	-	108.4	110.1	108.1	113.9	111.4	108.6	111.3	-	111.1	109.1	110.4	-	107.3
1931: May 15 -----	103.5	-	106.8	108.4	106.9	112.9	109.3	106.7	110.7	-	109.1	108.0	109.4	-	106.2
1932: May 15 -----	102.2	-	104.4	105.6	105.6	110.1	109.3	104.3	110.2	-	108.0	103.7	109.2	-	105.2
1933: May 15 -----	101.1	-	105.5	104.0	107.6	110.1	106.9	104.3	109.6	-	107.9	105.2	109.0	-	104.6
1934: May 15 -----	101.0	-	103.6	103.1	103.7	103.6	106.0	98.8	103.3	-	106.6	105.1	95.7	-	104.0
1935: May 15 -----	100.2	-	103.5	102.6	103.5	99.4	105.7	98.2	103.1	-	106.6	104.4	95.5	-	103.7
1936: May 15 -----	100.5	-	103.5	102.7	103.0	99.8	106.5	98.6	102.1	-	106.5	103.2	95.9	-	103.9
1937: May 15 -----	100.2	106.3	104.6	103.5	103.1	104.6	106.2	98.6	103.5	101.4	108.7	104.0	95.9	93.4	104.0
1938: June 1 -----	98.5	101.0	101.1	100.6	100.0	104.0	101.9	96.8	101.5	100.8	106.5	101.3	96.0	92.8	98.5
1939: June 1 -----	98.5	101.0	101.2	100.6	100.0	103.7	103.0	96.6	100.7	100.7	106.5	101.3	95.7	92.9	98.9
1940: June 1 -----	97.9	101.0	100.9	100.6	100.2	103.7	102.5	96.6	100.5	100.7	101.7	101.3	96.1	93.2	98.9
1941: June 1 -----	98.5	101.5	101.1	101.2	100.7	104.3	102.2	97.2	101.4	100.5	101.9	101.6	96.4	93.7	99.5
1942: July 1 -----	98.6	101.6	102.0	101.4	100.6	108.4	101.9	98.6	103.3	100.5	101.9	101.6	101.9	100.4	101.1
1943: July 1 -----	98.6	101.6	102.0	101.4	100.6	108.4	101.9	98.6	104.2	100.5	101.9	101.6	101.9	100.4	101.1
1944: July 1 -----	98.6	101.6	102.0	101.7	100.6	108.4	101.9	98.6	103.8	100.5	101.9	101.6	102.2	101.2	101.1
1945: July 1 -----	98.6	101.6	102.0	101.7	100.6	108.4	101.9	98.6	104.4	100.5	101.9	101.6	102.2	101.2	101.1
1946: July 1 -----	99.7	99.6	101.5	100.9	100.4	104.2	101.9	98.6	103.0	100.0	101.9	101.6	101.5	101.0	100.2
1947: July 1 -----	99.7	99.6	101.0	100.8	100.0	104.2	101.9	100.0	103.0	100.8	101.9	100.6	101.6	101.3	100.2
1948: July 1 -----	100.0	101.0	101.7	100.8	100.0	104.2	101.9	100.0	98.8	100.8	102.0	102.3	101.6	101.3	100.2
1949: July 1 -----	100.0	101.0	101.3	100.8	100.0	105.9	101.9	100.0	98.8	100.8	102.0	102.3	101.6	101.3	100.2
1950: July 1 -----	100.0	101.0	101.3	100.8	100.0	105.9	101.9	100.0	101.9	100.8	102.0	102.3	101.6	101.3	100.2
1951: July 1 -----	100.0	101.0	101.4	100.8	100.0	105.9	101.9	100.0	101.9	100.8	102.0	102.3	100.4	100.1	100.2
1952: July 1 -----	100.0	101.0	101.4	100.8	100.0	104.9	101.9	100.0	100.9	100.8	102.0	102.3	100.4	100.1	100.2
1953: July 1 -----	100.0	101.0	101.4	100.8	100.0	104.9	101.9	100.0	101.0	100.8	102.0	102.3	100.4	100.1	100.2
1954: July 1 -----	100.0	101.0	101.4	100.8	100.0	104.9	101.9	100.0	100.5	100.0	102.0	102.3	100.4	100.1	100.2
1955: July 1 -----	100.0	101.0	101.4	100.8	100.0	104.9	101.9	100.0	100.5	100.0	102.0	102.3	100.4	100.1	100.2
1956: July 1 -----	100.0	101.0	101.4	100.8	100.0	104.9	101.9	100.0	100.5	100.0	102.0	100.3	100.4	100.1	100.2
1957: July 1 -----	100.0	100.3	101.4	100.8	100.0	104.9	101.9	100.0	100.5	100.0	102.0	100.3	100.4	100.1	100.2
1958: July 1 -----	100.0	100.3	101.3	100.8	100.0	103.4	101.9	100.0	100.5	100.0	102.0	100.3	100.4	100.1	100.2
1959: July 1 -----	100.0	100.3	101.3	100.8	100.0	103.4	101.9	100.0	100.5	99.9	102.0	100.3	100.4	100.1	100.2
1960: July 1 -----	100.0	100.3	101.3	100.8	100.0	103.4	101.9	100.0	100.5	99.9	102.0	100.3	100.3	100.1	100.2
1961: July 1 -----	100.0	100.3	101.3	100.8	100.0	103.4	101.9	100.0	100.5	100.1	102.0	100.3	100.2	100.1	100.2
1962: July 1 -----	100.0	100.3	101.3	100.8	100.0	102.1	101.9	100.0	100.5	100.1	102.1	100.3	100.2	100.1	100.2
1963: July 1 -----	100.0	100.1	100.0	100.8	100.0	100.9	100.0	100.0	100.5	100.0	102.0	100.3	100.2	100.1	100.2
1964: July 1 -----	100.0	100.1	100.0	100.8	100.0	100.9	100.0	100.0	100.5	100.0	102.0	100.3	100.2	100.1	100.2
1965: July 1 -----	100.0	100.2	100.0	100.6	100.0	100.3	100.0	100.0	100.5	100.0	102.0	100.3	100.2	100.1	100.1
1966: July 1 -----	100.0	100.0	100.0	100.3	100.0	100.1	100.0	100.0	100.3	100.0	101.0	100.1	100.1	100.0	100.0
1967: July 1 -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968: July 1 -----	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0
1969: July 1 -----	99.7	100.0	100.0	100.0	100.0	100.8	100.0	100.0	100.4	100.0	100.0	100.0	100.0	100.0	99.7
1970: July 1 -----	99.7	100.0	99.9	99.9	100.0	100.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.9

Table 4. Weekly hours indexes by trade: United States, 1907-70—Continued

(Indexes of union weekly hours in each building trades, 1907-70)

(1967=100)

Date	Plas- terers	Plumb- ers	Rod- men	Roofers, compo- sition	Roofers, slate and tile	Sheet- metal workers	Stone- masons	Struc- tural- iron workers	Tile layers	Brick- layers' tenders	Building laborers	Compo- sition roofers' helpers	Plas- terers' la- borers	Plumb- ers' laborers	Tile layers' helpers
1907: May 15	119.3	123.4	-	-	-	118.0	118.3	120.0	-	123.6	125.2	-	126.0	-	-
1908: May 15	118.7	123.5	-	-	-	117.9	118.3	117.6	-	123.6	125.2	-	125.5	-	-
1909: May 15	118.7	123.5	-	-	-	117.9	118.3	116.0	-	123.2	124.8	-	125.2	-	-
1910: May 15	118.6	123.3	-	-	-	117.9	116.5	114.7	-	122.2	121.8	-	125.2	-	-
1911: May 15	119.3	123.0	-	-	-	117.6	115.7	114.5	-	121.6	121.8	-	125.1	-	-
1912: May 15	117.8	122.0	-	-	-	116.1	115.7	113.4	110.7	120.6	121.8	-	124.4	-	125.7
1913: May 15	117.8	122.0	-	-	-	115.9	115.6	112.9	113.1	120.6	121.8	-	124.4	-	125.1
1914: May 1	117.7	121.5	-	115.2	112.4	115.8	115.6	112.7	113.1	119.1	121.4	-	124.5	-	125.1
1915: May 1	117.1	121.5	-	115.2	112.4	115.6	115.5	112.7	112.7	119.1	121.4	-	124.5	-	123.2
1916: May 15	115.9	120.9	-	115.2	112.0	115.1	115.3	112.4	112.1	119.1	120.8	-	123.3	-	122.8
1917: May 15	115.8	120.8	-	114.4	110.0	115.0	115.2	112.2	111.8	119.0	119.4	-	123.1	-	121.8
1918: May 15	115.6	119.8	-	113.9	110.0	113.8	115.2	111.8	111.8	119.0	118.9	-	123.1	-	121.8
1919: May 15	115.6	119.4	-	113.9	109.7	113.3	114.5	111.6	111.3	118.6	116.7	-	122.6	-	121.4
1920: May 15	115.3	119.4	-	113.9	109.7	112.9	114.5	111.6	111.0	118.3	115.4	-	122.6	-	121.4
1921: May 15	115.0	119.3	-	111.7	109.6	112.9	114.6	111.6	111.1	118.3	115.4	-	122.1	-	121.6
1922: May 15	115.1	119.3	-	111.7	109.5	112.8	114.5	111.6	110.9	118.6	114.6	-	122.1	-	121.6
1923: May 15	115.7	119.3	-	111.7	109.3	112.8	114.5	111.6	111.2	118.6	115.4	-	122.2	-	122.7
1924: May 15	115.7	119.3	-	111.7	109.4	112.8	114.2	111.6	111.2	118.5	115.1	-	122.1	-	122.7
1925: May 15	114.5	119.3	-	111.7	109.4	112.8	114.2	111.3	111.2	118.3	115.2	-	122.0	-	122.7
1926: May 15	112.0	119.3	-	111.7	109.4	112.8	114.4	111.6	111.2	118.5	115.4	-	118.0	-	122.7
1927: May 15	115.0	119.7	-	111.7	109.4	112.4	114.2	111.6	111.1	118.5	115.6	-	117.9	-	122.7
1928: May 15	110.6	119.0	-	111.6	109.4	112.1	114.1	111.5	110.8	118.5	115.5	-	118.2	-	122.7
1929: May 15	109.5	118.0	-	111.0	108.1	112.0	110.8	111.0	110.6	111.9	115.4	-	118.1	-	122.1
1930: May 15	107.1	112.5	-	106.6	103.4	107.9	106.9	107.6	104.9	112.0	113.3	-	115.0	-	114.2
1931: May 15	106.2	111.0	-	105.3	101.7	106.0	105.0	106.3	103.5	110.6	111.9	-	114.1	-	113.0
1932: May 15	104.4	110.6	-	104.2	101.7	104.5	104.6	103.7	102.4	108.2	108.0	-	113.8	-	111.6
1933: May 15	106.5	110.1	-	105.5	101.7	104.4	103.8	103.4	102.2	107.6	107.6	-	111.9	-	111.7
1934: May 15	101.9	109.0	-	102.8	101.3	102.9	103.3	101.9	95.3	105.6	102.9	-	108.5	-	107.0
1935: May 15	100.4	108.2	-	102.7	100.0	103.0	103.2	100.7	95.3	105.5	102.8	-	107.2	-	93.1
1936: May 15	98.7	106.8	-	103.3	100.9	102.9	103.2	100.6	95.2	105.3	103.3	-	105.4	-	93.1
1937: May 15	98.8	107.4	100.3	103.4	100.8	103.0	103.2	100.1	99.3	105.6	103.6	99.9	105.4	-	99.6
1938: June 1	94.8	102.1	100.3	101.6	99.6	100.9	99.8	99.0	99.3	104.3	103.1	99.9	100.5	103.2	99.6
1939: June 1	94.8	102.4	100.2	101.7	99.6	100.9	99.8	98.9	99.3	104.0	103.0	99.9	100.2	103.2	99.6
1940: June 1	94.6	101.3	100.2	101.3	99.5	100.9	99.7	98.9	99.3	103.9	102.4	99.6	99.8	100.0	99.6
1941: June 1	94.9	101.7	101.1	102.0	99.5	101.7	99.8	99.3	99.7	103.8	102.7	100.2	100.2	100.0	100.0
1942: July 1	96.7	102.3	101.1	102.1	100.9	101.8	100.0	100.0	101.0	102.6	101.7	100.5	100.3	99.7	100.0
1943: July 1	100.5	104.2	101.2	102.0	100.7	101.8	100.0	100.0	100.0	102.4	100.3	100.0	100.9	103.0	100.0
1944: July 1	100.6	104.2	101.2	101.9	100.7	101.8	100.0	100.0	100.0	102.4	100.3	100.0	100.9	102.9	100.0
1945: July 1	100.6	104.2	101.2	101.9	100.7	101.8	100.0	100.0	100.0	102.4	100.3	100.0	100.9	102.9	100.0
1946: July 1	98.6	100.6	100.6	101.6	100.7	101.7	99.8	100.0	100.0	100.8	100.1	100.0	100.2	100.0	100.0
1947: July 1	97.6	99.6	100.0	101.6	100.7	101.0	99.1	100.0	100.0	100.3	101.1	100.0	99.4	100.0	100.0
1948: July 1	97.5	99.9	100.0	101.6	100.7	101.0	100.8	100.0	100.0	100.3	100.1	100.0	98.1	100.0	100.0
1949: July 1	98.1	99.9	100.0	100.4	100.7	100.8	100.6	100.0	100.0	100.3	100.1	100.0	98.1	100.0	100.0
1950: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.6	100.0	100.0	100.3	100.1	100.0	98.1	100.0	100.0
1951: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.7	100.0	100.0	100.1	99.9	100.0	99.3	100.0	100.0
1952: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.7	100.0	100.0	101.2	100.0	100.0	99.8	100.0	100.0
1953: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.7	100.0	100.0	101.2	100.0	100.0	99.8	100.0	100.0
1954: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.7	100.0	100.0	101.2	100.0	100.0	99.9	100.0	100.0
1955: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.7	100.0	100.0	101.2	100.0	100.0	100.2	100.0	100.0
1956: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.7	100.0	100.0	100.1	100.0	100.0	100.2	100.0	100.0
1957: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.7	100.0	100.0	100.1	100.0	100.0	100.2	100.0	100.0
1958: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.5	100.0	100.0	100.1	100.0	100.0	100.2	100.0	100.0
1959: July 1	100.6	100.6	100.0	100.4	100.7	100.8	100.5	100.0	100.0	100.1	100.0	100.0	100.2	100.0	100.0
1960: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.5	100.0	100.0	100.1	100.0	100.0	100.2	100.0	100.0
1961: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.5	100.0	100.0	100.1	100.0	100.0	100.2	100.0	100.0
1962: July 1	100.4	100.6	100.0	100.4	100.7	100.8	100.5	100.0	100.0	100.1	100.0	100.0	100.2	100.0	100.0
1963: July 1	100.4	100.6	100.0	100.4	100.5	100.8	100.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1964: July 1	100.4	100.6	100.0	100.4	100.4	100.8	100.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1965: July 1	100.4	100.2	100.0	100.4	100.3	100.7	100.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1966: July 1	100.2	100.1	100.0	100.4	100.3	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1967: July 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968: July 1	100.1	100.0	100.0	99.6	99.7	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.2	100.0	100.1
1969: July 1	100.1	99.9	100.0	99.5	99.7	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.2	100.0	100.1
1970: July 1	99.9	98.7	100.0	99.4	99.6	100.0	100.0	100.0	100.0	100.1	100.0	100.0	100.3	100.0	99.8

Table 5. Weekly hours, July 1, 1970

(Percent distribution of union building-trades workers by standard weekly hours, July 1, 1970)

Trade	Average hours per week	Percent of union members having a workweek of—						
		25 hours	30 hours	Over 30 and under 35 hours	35 hours	Over 35 and under 37.5 hours	37.5 hours	40 hours
All building trades	39.2	0.6	0.2	0.1	11.1	2.7	0.5	84.7
Journeymen	39.1	0.8	0.2	(¹)	12.2	3.5	0.7	82.6
Asbestos workers	39.6	-	-	-	7.8	-	-	92.3
Boilermakers	39.8	-	-	-	2.5	-	1.6	95.9
Bricklayers	39.1	-	-	-	16.7	-	1.2	82.1
Carpenters	39.1	-	-	-	15.8	3.7	-	80.5
Cement finishers	39.7	-	-	-	5.4	-	-	94.6
Electricians (inside wiremen)	38.2	8.7	-	-	6.4	3.0	2.6	79.3
Elevator constructors	38.9	-	-	-	22.2	-	-	77.8
Glaziers	39.7	-	-	-	6.6	-	-	93.4
Lathers	39.0	-	-	-	17.3	4.0	-	78.7
Machinists	39.6	-	-	-	8.2	-	-	91.8
Marble setters	39.4	-	-	-	12.2	-	-	87.8
Mosaic and terrazzo workers	38.6	-	-	-	29.1	-	-	70.9
Painters	38.8	-	-	-	24.4	-	-	75.6
Paperhangers	39.6	-	-	-	8.4	-	-	91.6
Pipefitters	39.2	-	-	-	6.8	10.8	-	82.4
Plasterers	38.3	-	13.4	2.3	2.1	1.6	-	80.7
Plumbers	38.8	-	-	-	12.0	14.6	1.8	71.5
Rodmen	39.8	-	-	-	3.1	-	-	96.9
Roofers, composition	39.3	-	-	-	10.1	4.7	-	85.2
Roofers, slate and tile	39.5	-	-	-	9.3	0.6	-	90.0
Sheet-metal workers	39.4	-	-	-	8.9	1.6	2.7	86.9
Stonemasons	39.2	-	-	-	15.3	-	3.0	81.7
Structural-iron workers	39.8	-	-	-	3.2	-	-	96.8
Tile layers	40.0	-	-	-	-	-	-	100.0
Helpers and laborers	39.6	-	.3	.2	6.9	.1	-	92.6
Bricklayers' tenders	38.9	-	-	-	22.6	-	-	77.4
Building laborers	39.8	-	-	-	3.3	-	-	96.7
Composition roofers' helpers	40.0	-	-	-	-	-	-	100.0
Elevator constructors' helpers	38.6	-	-	-	27.5	-	-	72.5
Marble setters' helpers	39.3	-	-	-	14.8	-	-	85.2
Plasterers' laborers	39.1	-	4.9	2.9	1.9	1.0	-	89.3
Plumbers' laborers	40.0	-	-	-	-	-	-	100.0
Terrazzo workers' helpers	38.9	-	-	-	21.9	-	-	78.1
Tile layers' helpers	39.9	-	-	-	2.3	-	-	97.7

¹ Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.0.

Table 6. Average wage rates and employer contributions to selected funds by trade, July 1, 1970

(Average union hourly wage rates and employer contributions¹ in the building trades, July 1, 1970)

Trade	Average rate per hour	Average employer contribution per hour	Average rate plus employer contribution ¹ per hour	Trade	Average rate per hour	Average employer contribution per hour	Average rate plus employer contribution ¹ per hour
All building trades -----	\$6.18	\$0.80	\$6.97	Journeyman—Continued			
Journeymen -----	\$6.54	\$0.84	\$7.39	Roofers, composition-----	\$6.17	\$0.55	\$6.72
Asbestos workers -----	6.69	.63	7.32	Roofers, slate and tile -----	5.81	.49	6.30
Boilermakers -----	6.48	.92	7.40	Sheet-metal workers-----	6.75	.67	7.42
Bricklayers -----	6.77	.80	7.57	Stonemasons -----	6.73	.55	7.27
Carpenters -----	6.42	.93	7.35	Structural-iron workers -----	6.72	.88	7.60
Cement finishers -----	6.02	.81	6.84	Tile layers -----	6.08	.50	6.58
Electricians (inside wiremen) -----	6.82	.75	7.57	Helpers and laborers -----	4.86	.61	5.47
Elevator constructors -----	6.65	.88	7.52	Bricklayers' tenders-----	5.06	.68	5.74
Glaziers -----	6.08	.58	6.66	Building laborers -----	4.78	.60	5.39
Lathers -----	6.44	.75	7.19	Composition roofers' helpers -----	3.65	.34	3.99
Machinists -----	6.63	.49	7.12	Elevator constructors' helpers-----	4.76	.71	5.46
Marble setters -----	6.29	.43	6.72	Marble setters' helpers-----	5.43	.43	5.86
Mosaic and terrazzo workers -----	6.46	.48	6.94	Plasterers' laborers-----	5.17	.62	5.79
Painters -----	5.95	.61	6.56	Plumbers' laborers -----	4.95	.58	5.52
Paperhangers -----	6.02	.46	6.48	Terrazzo workers' helpers -----	5.46	.33	5.79
Pipefitters -----	6.93	1.05	7.98	Tile layers' helpers -----	5.15	.52	5.67
Plasterers -----	6.35	.70	7.05				
Plumbers -----	7.01	1.22	8.24				
Rodmen -----	6.64	.73	7.37				

¹ Includes employer contributions to insurance (life insurance, hospitalization, medical, surgical, and other similar types of health and welfare programs) and pension funds, and vacation payments to a fund or to the worker as provided in labor-management contracts. Averages presented are for a straight-time hour; in actual practice, however, some employer payments are calculated on the basis of total hours worked or gross payroll. Average is for all workers in the classification including those for whom employer contributions were not specified in their particular contracts. Some contracts also provide for additional payments to apprenticeship benefits. Information on payments to this fund was not collected.

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

Table 7. Percent and cents-per-hour changes in average wage rates by trade, July 1, 1969—70

(Increases in union hourly wage rates in the building trades, July 1, 1969—70)

Trade	Amount of increase, July 1, 1969—July 1, 1970		Trade	Amount of increase, July 1, 1969—July 1, 1970	
	Percent	Cents per hour		Percent	Cents per hour
All building trades -----	11.6	\$0.64	Journeyman—Continued		
Journeymen -----	11.4	\$0.67	Roofers, composition-----	11.7	\$0.65
Asbestos workers -----	11.1	.67	Roofers, slate and tile -----	9.7	.52
Boilermakers -----	10.2	.60	Sheet-metal workers-----	13.9	.83
Bricklayers -----	11.0	.67	Stonemasons -----	12.8	.76
Carpenters -----	11.3	.65	Structural-iron workers -----	10.6	.64
Cement finishers -----	10.8	.59	Tile layers -----	9.1	.50
Electricians (inside wiremen) -----	11.4	.70	Helpers and laborers -----	12.5	.54
Elevator constructors -----	13.1	.77	Bricklayers' tenders-----	11.9	.54
Glaziers -----	12.9	.69	Building laborers -----	12.6	.53
Lathers -----	11.4	.66	Composition roofers' helpers -----	10.2	.34
Machinists -----	8.3	.51	Elevator constructors' helpers-----	13.7	.57
Marble setters -----	9.9	.57	Marble setters' helpers-----	12.0	.58
Mosaic and terrazzo workers -----	9.8	.58	Plasterers' laborers -----	13.1	.60
Painters -----	10.0	.54	Plumbers' laborers -----	13.0	.57
Paperhangers -----	11.7	.63	Terrazzo workers' helpers -----	11.6	.57
Pipefitters -----	11.9	.73	Tile layers' helpers -----	12.3	.56
Plasterers -----	11.2	.64			
Plumbers -----	12.6	.79			
Rodmen -----	10.5	.63			

Table 8. Percent changes in wage rates by trade, July 1, 1969-70

(Percent changes in union hourly wage rates and percent of building-trades workers affected, July 1, 1969-70)

Trade	Percent of union workers affected by—		Percent of total workers affected by increase of—																			
	Increase	No change	Less than 4	4 and under 5	5 - 6	6 - 7	7 - 8	8 - 9	9 - 10	10 - 11	11 - 12	12 - 13	13 - 14	14 - 15	15 - 17	17 - 19	19 - 21	21 - 23	23 - 25	25 and over		
All building trades -----	98.2	1.8	3.9	3.8	7.9	4.2	10.0	6.7	7.6	7.1	4.9	6.1	7.7	3.3	7.8	5.2	3.1	1.7	2.5	4.7		
Journeymen -----	98.2	1.8	3.3	3.4	8.3	4.4	11.8	8.0	6.3	7.1	4.9	7.0	8.0	3.6	6.6	4.6	3.5	1.2	1.2	4.8		
Asbestos workers -----	99.3	.7	-	1.3	11.9	11.0	2.9	9.5	12.5	8.2	8.9	2.9	6.0	3.0	8.7	4.2	2.9	1.0	1.0	3.4		
Boilermakers -----	94.8	5.2	.1	9.4	2.5	25.9	-	-	13.9	3.1	-	-	29.3	-	1.5	-	-	2.7	4.1	2.4		
Bricklayers -----	97.5	2.5	1.7	3.9	3.4	3.6	17.8	8.1	17.5	6.0	1.2	2.3	5.8	4.4	8.3	6.9	3.4	.8	.5	1.6		
Carpenters -----	99.5	.5	3.0	.4	15.3	1.8	18.4	5.0	2.6	10.4	3.6	4.8	11.9	3.0	4.2	4.8	1.3	.2	1.2	7.6		
Cement finishers -----	96.7	3.3	5.1	13.4	11.3	1.3	11.9	6.0	7.4	5.2	1.8	2.7	3.4	2.6	4.2	1.9	1.4	10.7	6.4	-		
Electricians (inside wiremen) -----	98.9	1.1	(¹)	1.3	3.8	4.7	7.1	20.7	8.6	3.7	8.4	7.6	13.4	2.7	3.9	6.4	4.7	1.0	-	.7		
Elevator constructors -----	94.7	5.3	-	-	5.0	8.6	2.2	8.0	14.2	7.7	1.6	3.9	2.5	.4	10.5	2.8	23.0	-	1.7	2.6		
Glaziers -----	98.4	1.6	2.0	4.9	3.5	7.6	5.1	7.3	9.1	8.2	4.0	5.0	2.8	6.7	10.9	2.1	8.8	.7	-	9.7		
Lathers -----	86.9	13.1	4.7	2.3	.8	2.3	2.1	7.1	2.8	6.4	8.4	9.7	2.7	7.5	17.5	3.4	2.2	1.5	-	5.4		
Machinists -----	98.7	1.3	1.6	6.7	53.1	-	8.2	8.2	2.9	2.5	-	-	.2	-	-	.4	.6	-	14.3	-		
Marble setters -----	99.3	.7	8.2	2.7	5.1	11.6	4.6	19.7	6.5	11.3	1.9	8.8	3.2	6.4	2.3	3.2	1.2	-	-	2.6		
Mosaic and terrazzo workers -----	98.4	1.6	1.1	4.1	32.7	5.0	8.5	3.7	2.3	3.3	1.6	2.8	7.3	7.8	6.9	4.2	2.6	-	3.5	.8		
Painters -----	99.3	.7	13.3	1.6	4.8	5.8	15.2	10.8	2.6	4.8	2.3	21.7	1.8	1.9	3.5	.7	4.3	.8	.2	3.2		
Paperhangers -----	99.2	.8	1.9	4.5	4.3	3.4	12.5	8.4	6.8	11.8	9.5	9.8	2.1	2.7	9.4	2.3	1.3	.7	-	8.1		
Pipefitters -----	96.7	3.3	1.1	.6	10.7	2.9	5.2	10.5	7.3	6.2	3.8	8.4	3.4	4.5	17.3	5.8	3.8	.2	1.8	3.0		
Plasterers -----	96.7	3.3	3.8	13.8	1.9	6.4	2.1	5.4	9.7	5.3	7.6	6.3	1.2	.7	10.6	10.6	5.8	-	2.3	3.4		
Plumbers -----	99.2	.8	2.6	4.1	3.1	6.9	4.8	3.4	7.8	2.9	13.7	14.8	.4	1.6	10.1	9.9	4.8	3.5	.8	4.1		
Rodmen -----	94.4	5.6	4.5	12.5	-	4.9	11.0	4.9	8.5	7.2	9.6	3.2	1.8	4.9	7.9	1.8	6.3	-	-	5.2		
Roofers, composition -----	96.4	3.6	7.7	2.3	1.2	4.2	1.6	13.3	10.3	5.8	4.5	6.7	3.1	9.6	9.0	5.4	4.2	6.9	.8	-		
Roofers, slate and tile -----	98.8	1.2	13.7	3.2	9.9	9.0	.3	14.6	6.0	3.7	4.2	9.1	-	9.4	10.3	.3	3.3	1.8	-	-		
Sheet-metal workers -----	98.2	1.8	-	8.5	5.2	3.4	5.4	6.8	5.0	8.0	3.1	5.3	8.5	7.9	7.6	3.6	6.0	2.6	2.1	9.2		
Stonemasons -----	95.5	4.5	.4	5.9	2.6	3.3	7.4	8.4	1.3	4.0	6.1	4.5	5.8	2.6	8.6	12.3	20.0	.9	-	1.4		
Structural-iron workers -----	96.9	3.1	4.6	8.7	.7	7.4	11.5	9.3	7.1	5.9	7.3	2.0	6.5	7.0	8.3	1.3	4.6	-	-	4.5		
Tile layers -----	99.3	.7	11.6	15.7	.7	9.3	12.9	5.8	2.0	10.6	7.9	3.5	4.8	6.3	.4	1.0	.8	2.8	-	3.1		
Helpers and laborers -----	98.2	1.8	6.2	5.1	6.5	3.2	3.7	2.0	12.0	6.9	5.1	2.8	6.6	2.1	11.9	7.5	1.8	3.3	7.4	4.1		
Bricklayers' tenders -----	96.4	3.6	20.5	1.5	3.4	3.5	1.6	4.1	3.7	1.1	6.2	.5	8.4	-	19.5	4.5	1.6	3.4	8.7	4.3		
Building laborers -----	99.0	1.0	3.8	6.0	7.5	2.7	4.4	.3	14.8	8.5	4.5	3.4	6.9	1.3	10.1	8.7	.6	3.4	8.5	3.6		
Composition roofers' helpers -----	96.0	4.0	19.8	-	11.6	-	4.2	-	6.7	-	13.2	7.5	8.2	9.2	1.9	3.0	8.1	2.7	-	-		
Elevator constructors' helpers -----	95.9	4.1	-	.9	4.5	8.9	1.0	8.4	13.3	6.9	1.6	3.4	2.8	.5	9.9	2.8	28.2	-	-	2.9		
Marble setters' helpers -----	100.0	-	5.9	1.8	1.3	.7	3.6	13.3	14.3	5.0	18.0	-	5.1	5.4	2.7	8.5	4.7	6.6	-	3.1		
Plasterers' laborers -----	96.1	3.9	-	4.9	7.1	5.1	3.2	4.1	5.3	6.5	5.5	2.2	1.9	15.5	14.5	6.9	1.5	2.9	1.0	7.9		
Plumbers' laborers -----	93.2	6.8	1.7	.5	1.2	7.0	2.8	21.3	15.1	-	4.8	-	-	1.0	14.0	1.2	9.7	1.9	-	11.2		
Terrazzo workers' helpers -----	93.8	6.2	-	16.7	.9	8.5	4.2	2.0	1.0	7.6	5.3	1.8	4.1	5.3	11.2	5.6	4.8	8.2	.1	6.3		
Tile layers' helpers -----	100.0	-	5.5	6.1	1.6	.9	1.3	16.0	-	5.3	18.7	-	8.6	5.7	10.4	8.2	6.3	2.0	-	3.4		

¹ Less than 0.5 percent.

² Workers were distributed as follows: 0.4 percent at 2 to 3 percent and; 20.1 percent at 3 to 4 percent.

³ Workers were distributed as follows: 3.1 percent less than 1 percent; 12.2 percent at 2 to 3 percent and; 4.6 percent at 3 to 4 percent.

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

Table 9. Cents-per-hour changes in wage rates by trade, July 1, 1969—70

(Cents-per-hour increases in union hourly wage rates and percent of building-trades workers affected, July 1, 1969-70)

Trade	Percent of union workers affected by increase	Percent of total workers affected by increase in cents of—														
		Under 25	25 and under 30	30	35	40	45	50	60	70	80	90	100	110	120 and over	
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
All building trades -----	98.2	5.8	4.0	7.2	4.4	7.7	4.1	14.2	9.9	9.6	9.7	5.0	7.0	2.5	7.0	
Journeyman -----	98.2	3.7	3.1	8.0	3.6	6.7	4.2	15.8	10.1	9.2	10.8	5.1	6.2	3.0	8.7	
Asbestos workers -----	99.3	-	1.3	5.8	16.3	3.7	1.0	14.9	10.5	17.8	4.3	6.6	8.8	3.0	5.3	
Boilermakers -----	94.8	-	7.0	2.5	7.2	21.2	-	11.6	2.2	30.2	2.2	1.5	-	-	9.1	
Bricklayers -----	97.5	1.7	5.3	1.0	2.3	8.6	2.7	20.8	19.1	4.8	3.0	6.0	13.7	5.4	2.9	
Carpenters -----	99.5	3.0	.7	15.4	2.5	4.7	3.9	19.7	12.0	5.3	12.8	6.6	1.7	2.3	9.0	
Cement finishers -----	96.7	10.0	14.3	5.8	1.6	8.4	3.6	15.1	7.2	5.0	2.7	2.8	3.5	2.1	14.7	
Electricians (inside wiremen) -----	98.9	(¹)	-	2.5	2.6	10.1	2.4	18.5	15.3	6.1	21.5	4.9	3.2	4.6	7.0	
Elevator constructors -----	94.7	-	2.7	1.2	4.7	12.6	5.9	11.0	13.8	1.7	1.7	3.6	8.6	-	27.3	
Glaziers -----	98.4	3.8	1.2	7.6	3.9	8.3	11.2	11.5	6.8	9.2	6.4	9.6	1.4	7.5	9.7	
Lathers -----	86.9	6.0	1.0	1.2	4.7	1.0	1.4	10.3	8.5	15.0	13.8	3.5	11.8	1.1	7.7	
Machinists -----	98.7	1.6	-	30.4	29.4	-	-	18.9	2.8	-	.2	-	-	.4	14.9	
Marble setters -----	99.3	8.2	1.2	8.1	12.5	4.3	2.7	24.3	13.0	10.0	1.6	4.6	6.7	-	2.1	
Mosaic and terrazzo workers -----	98.4	2.4	2.8	3.9	11.7	32.3	-	5.8	6.2	7.6	6.4	7.1	6.2	.3	5.6	
Painters -----	99.3	14.9	3.8	5.2	3.5	11.2	10.2	9.9	6.1	22.1	1.4	1.7	5.6	.8	2.8	
Paperhangers -----	99.2	2.7	7.6	2.8	3.1	6.7	10.1	16.5	15.2	15.2	.8	6.0	3.9	.3	8.1	
Pipefitters -----	96.7	1.1	.6	7.4	4.6	1.4	6.0	13.3	5.8	10.0	13.4	3.4	20.4	1.7	7.5	
Plasterers -----	96.7	3.8	16.8	2.2	.9	6.0	2.6	9.3	16.0	3.2	5.3	4.2	18.5	-	7.8	
Plumbers -----	99.2	2.6	4.1	2.1	4.0	4.2	2.5	7.6	6.2	15.9	16.8	1.1	13.8	8.3	10.1	
Rodmen -----	94.4	4.5	12.5	2.7	3.3	4.7	3.4	18.6	6.1	7.0	9.8	6.4	4.9	1.8	8.5	
Roofers, composition -----	96.4	7.7	2.3	4.1	4.3	6.1	2.9	12.2	13.1	5.6	17.1	2.8	5.6	4.5	8.1	
Roofers, slate and tile -----	98.8	13.7	1.2	12.1	17.1	8.6	1.0	10.2	6.9	3.0	5.0	7.4	9.4	2.4	1.0	
Sheet-metal workers -----	98.2	-	2.5	9.2	5.3	6.8	1.3	11.0	7.6	9.5	11.1	5.2	7.0	2.4	19.2	
Stonemasons -----	95.5	.4	5.9	1.4	3.1	4.6	3.4	6.3	10.5	11.4	.6	4.6	15.8	24.2	2.2	
Structural-iron workers -----	96.9	4.6	3.7	1.4	2.4	7.0	9.8	19.4	1.9	8.2	9.2	12.0	3.5	1.3	7.4	
Tile layers -----	99.3	13.0	2.0	15.8	13.8	9.3	-	10.8	14.7	8.6	1.2	1.4	3.6	2.8	2.3	
Helpers and laborers -----	98.3	13.8	7.1	4.6	7.5	11.4	3.6	8.4	9.0	10.8	5.4	4.7	9.9	1.0	1.1	
Bricklayers' tenders -----	96.4	⁴ 24.4	4.1	3.3	4.7	1.5	3.4	10.7	7.4	12.5	6.8	6.0	9.8	.6	1.2	
Building laborers -----	99.0	12.7	7.8	4.5	7.4	14.8	3.4	7.8	9.7	10.3	4.4	3.2	11.4	1.1	.6	
Composition roofers' helpers -----	96.0	⁵ 33.7	9.3	8.5	-	14.8	-	15.9	8.1	3.0	-	-	-	2.7	-	
Elevator constructors' helpers -----	95.9	6.7	9.5	11.5	3.8	7.8	8.7	4.2	3.3	9.1	-	28.2	1.1	-	1.8	
Marble setters' helpers -----	100.0	7.6	2.0	-	12.4	4.7	9.6	17.3	18.4	14.8	3.5	.4	7.0	-	2.3	
Plasterers' helpers -----	97.1	6.8	5.7	5.8	14.4	1.6	2.1	6.3	9.0	12.3	19.2	6.1	2.0	1.5	4.1	
Plumbers' helpers -----	93.2	4.5	-	7.0	21.0	-	13.3	11.3	.9	8.0	1.4	18.1	3.9	-	3.9	
Terrazzo workers' helpers -----	93.8	2.5	17.0	8.2	.9	8.0	2.7	7.2	9.7	17.6	5.3	-	4.3	3.8	6.7	
Tile layers' helpers -----	100.0	6.5	7.6	.5	4.5	18.0	3.7	19.0	10.4	18.3	1.1	4.2	3.9	-	2.3	

¹ Less than 0.05 percent.

² Workers were distributed as follows: 22.2 percent at \$1.20 to \$1.30; 0.9 percent at \$1.30 to \$1.40; 1.7 percent at \$1.40 to \$1.50; and 2.6 percent at \$1.70 to \$1.80.

³ Workers were distributed as follows: 6.0 percent at \$1.20 to \$1.30; 3.6 percent at \$1.30 to \$1.40; 2.1 percent at \$1.50 to \$1.60; 0.9 percent at \$1.70 to \$1.80; 1.7 percent at \$2.10 to \$2.20; and 5.9 percent at \$2.40 to \$2.50.

⁴ Workers were distributed as follows: 1.4 percent at 15 to 20 cents; and 23.0 at 20 to 25 cents.

⁵ Workers were distributed as follows: 3.1 percent at 4 to 5 cents; 6.8 percent at 5 to 10 cents; 21.4 percent at 10 to 15 cents; and 2.3 percent at 20 to 25 cents.

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

Table 10. Wage rate distribution by trade, July 1, 1970

(Percent distribution of building-trade workers by union hourly wage rates, July 1, 1970)

Trade	Average hourly rate	Percent of union journeymen whose rates (in cents) per hour were--																	
		Under 500	500 and under 520	520	540	560	580	600	620	640	660	680	700	720	740	760	780	800 and over	
				540	560	580	600	620	640	660	680	700	720	740	760	780	800		
Journeymen.....	\$6.54	3.9	2.3	3.0	4.2	3.1	8.3	7.6	9.4	8.4	7.2	10.8	11.1	7.8	3.7	2.9	2.2	3.9	
Asbestos workers.....	6.69	.6	-	-	4.4	1.9	5.2	14.1	14.9	11.7	6.8	6.7	7.7	7.5	11.2	1.6	.8	4.9	
Boilermakers.....	6.48	-	-	6.9	-	-	7.1	12.9	6.8	28.1	1.6	26.3	3.7	1.3	1.6	1.4	-	2.4	
Bricklayers.....	6.77	2.4	1.2	1.1	6.4	.8	3.4	6.2	5.0	8.0	8.3	16.8	3.3	20.9	1.3	5.9	4.2	4.8	
Carpenters.....	6.42	5.7	2.6	1.5	3.0	2.1	17.4	8.6	8.9	3.6	6.8	12.4	16.8	5.8	.1	1.3	1.0	2.5	
Cement finishers.....	6.02	12.1	2.6	4.9	9.2	12.3	8.5	13.2	6.0	5.3	7.2	4.3	7.6	.7	.1	-	2.9	2.9	
Electricians (inside wiremen).....	6.82	(¹)	1.1	.1	2.3	4.9	3.1	6.3	8.3	7.5	5.8	12.6	19.3	13.6	3.1	1.1	7.0	3.9	
Elevator constructors.....	6.65	-	3.6	3.8	4.5	7.5	4.7	5.6	5.1	5.9	18.4	.2	-	24.5	4.2	7.1	.9	4.1	
Glaziers.....	6.08	11.4	4.7	5.5	12.8	4.5	8.4	5.3	2.6	4.4	16.8	6.3	15.5	.8	.9	-	-	-	
Lathers.....	6.44	7.8	1.8	.9	4.0	6.7	4.2	3.6	6.9	17.5	14.1	5.2	14.7	8.6	1.8	-	-	2.2	
Machinists.....	6.63	-	1.6	-	-	-	-	26.6	1.9	5.8	22.7	.2	30.0	8.5	-	-	-	.6	
Marble setters.....	6.29	5.5	2.0	7.8	1.6	2.5	9.8	19.5	1.9	13.1	6.7	6.6	14.9	2.3	-	2.4	-	3.4	
Mosaic and terrazzo workers.....	6.46	4.1	2.1	10.7	1.1	2.5	9.4	6.4	4.4	13.9	6.3	4.6	5.7	26.9	-	.7	-	1.4	
Painters.....	5.95	8.2	6.2	4.6	15.8	3.5	5.4	8.9	22.1	12.5	2.2	2.8	6.6	.2	.7	(¹)	-	.3	
Paperhangers.....	6.02	10.5	3.9	5.1	14.0	2.5	3.3	5.7	20.0	14.1	2.0	8.2	10.7	-	-	-	-	-	
Pipefitters.....	6.93	-	1.0	1.8	1.8	-	3.3	6.3	10.3	6.3	13.8	9.3	4.3	14.2	12.1	8.0	2.5	5.1	
Plasterers.....	6.35	2.8	6.4	7.2	1.3	8.2	3.1	7.7	3.5	19.4	8.2	11.7	12.7	3.2	-	-	2.1	2.6	
Plumbers.....	7.01	-	1.0	.6	2.9	-	.7	4.6	8.0	6.0	7.0	21.0	7.6	4.6	17.6	9.1	4.2	5.0	
Rodmen.....	6.64	1.0	2.3	6.8	3.3	6.7	4.8	4.3	19.7	5.5	3.4	11.0	2.6	5.4	2.4	6.8	4.8	9.0	
Roofers, composition.....	6.17	16.4	3.3	7.3	3.7	3.0	5.2	11.5	1.3	6.8	14.6	4.7	2.2	5.7	8.3	5.9	-	-	
Roofers, slate and tile.....	5.8 ²	21.0	6.3	12.4	9.5	11.0	2.2	4.0	2.4	2.4	7.5	11.6	-	1.0	1.3	6.4	-	1.0	
Sheet-metal workers.....	6.75	1.6	.6	8.4	-	3.9	2.2	4.4	7.9	19.9	8.4	3.2	6.0	10.0	12.0	1.7	-	10.0	
Stonemasons.....	6.73	2.4	.1	.4	3.1	1.7	3.7	7.4	9.0	7.2	22.3	7.5	3.0	18.5	3.1	5.2	3.6	1.8	
Structural-iron workers.....	6.72	.5	2.0	6.8	2.1	5.7	3.0	8.4	5.4	13.8	3.3	7.9	11.7	9.4	-	6.8	3.9	9.2	
Tile layers.....	6.08	8.0	1.4	8.4	1.1	6.2	16.6	9.1	11.3	23.5	6.2	2.9	3.0	-	.6	-	-	1.7	
				Percent of union helpers and laborers whose rates (in cents) per hour were--															
		Under 340	340 and under 360	360	380	400	420	440	460	480	500	520	540	560	580	600	620	640 and over	
Helpers and laborers.....	4.86	7.9	1.1	2.8	4.1	2.0	4.9	11.8	7.2	8.1	10.6	9.5	9.5	9.1	6.2	0.7	1.8	2.8	
Bricklayers' tenders.....	5.06	8.8	1.0	1.3	3.3	1.7	3.3	2.5	3.2	6.5	9.8	7.5	17.9	22.6	5.7	-	2.0	3.0	
Building laborers.....	4.78	7.3	1.2	3.0	4.4	1.9	5.6	15.5	7.9	8.9	11.2	9.9	7.1	7.0	6.4	.5	-	2.3	
Composition roofers' helpers.....	3.65	42.4	8.7	-	18.0	3.1	3.3	5.3	-	13.4	3.0	-	-	-	-	-	2.7	-	
Elevator constructors' helpers.....	4.76	5.1	1.4	4.0	6.4	7.1	4.9	7.8	17.0	-	1.4	13.2	28.2	3.6	-	-	-	-	
Marble setters' helpers.....	5.43	.4	-	-	2.3	.2	3.9	.5	16.4	1.3	21.1	4.5	13.7	2.0	14.3	1.9	.4	17.0	
Plasterers' laborers.....	5.17	11.9	.2	5.2	2.2	2.4	2.3	2.6	3.4	6.0	7.8	7.9	7.2	2.2	7.0	3.1	21.9	6.6	
Plumbers' laborers.....	4.95	9.2	1.9	3.6	-	1.5	5.0	2.6	17.5	12.5	7.7	5.3	5.8	9.2	7.7	.8	3.9	5.8	
Terrazzo workers' helpers.....	5.46	5.1	-	-	3.0	3.1	1.5	3.1	1.9	5.5	4.9	15.8	7.4	5.8	11.0	7.6	15.6	8.7	
Tile layers' helpers.....	5.15	5.8	-	-	2.0	.7	.9	.6	5.1	7.0	22.9	14.7	22.5	8.7	4.5	2.3	-	2.3	

¹ Less than 0.05 percent.

² Workers were distributed as follows: 11.7 percent at \$4.20 to \$4.40; 1.2 percent at \$4.40 to \$4.60; 3.1 percent at \$4.60 to \$4.80; and 5.1 percent at \$4.80 to \$5.

³ Workers were distributed as follows: 3.7 percent at \$8 to \$8.20; 5.0 percent at \$8.40 to \$8.60; and 1.3 percent at \$8.80 to \$9.

⁴ Workers were distributed as follows: 2.0 percent at \$2 to \$2.20; 20.1 percent at \$2.40 to \$2.60; 6.8 percent at \$2.60 to \$2.80; 6.7 percent at \$3 to \$3.20; and 6.8 percent at \$3.20 to \$3.40.

⁵ Workers were distributed as follows: 14.3 percent at \$6.40 to \$6.60; 1.0 percent at \$6.60 to \$6.80; and 1.7 percent at \$6.80 to \$7.

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

Table 11. Average wage rates by region and trade, July 1, 1970

(Average union hourly wage rates in the building trades by region, ¹ July 1, 1970)

Trade	United States	Region								
		New England	Middle Atlantic	Border States	South-east	Great Lakes	Middle West	South-west	Mountain	Pacific
All building trades -----	\$6.18	\$6.20	\$6.62	\$5.52	\$4.90	\$6.67	\$ 6.09	\$5.22	\$5.53	\$6.19
Journeyman -----	\$6.54	\$6.56	\$6.94	\$6.12	\$5.36	\$6.98	\$6.32	\$5.57	\$6.05	\$6.60
Asbestos workers -----	6.69	6.83	6.70	6.35	5.72	7.17	7.10	6.22	6.39	7.10
Boilermakers -----	6.48	6.25	7.28	6.78	5.35	6.51	5.92	6.00	6.31	6.71
Bricklayers -----	6.77	6.71	7.22	6.22	5.42	7.21	6.01	5.82	6.28	6.60
Carpenters -----	6.42	6.19	7.04	6.01	5.09	6.94	6.17	5.30	5.88	6.25
Cement finishers -----	6.02	6.71	6.44	5.68	4.57	6.78	5.73	5.13	5.73	5.77
Electricians (inside wiremen) -----	6.82	6.83	7.03	6.40	5.76	7.23	6.64	6.03	6.56	7.12
Elevator constructors -----	6.65	6.46	7.11	6.05	5.39	7.18	6.10	5.55	5.91	6.88
Glaziers -----	6.08	5.83	6.45	5.56	4.77	6.32	5.92	5.01	5.42	6.54
Lathers -----	6.44	6.47	6.85	5.65	4.80	6.83	6.11	5.51	5.95	6.57
Machinists -----	6.63	6.05	7.10	6.55	6.00	6.31	6.37	5.32	7.21	7.06
Marble setters -----	6.29	6.40	6.90	6.22	5.59	6.67	6.35	5.57	5.17	6.42
Mosaic and terrazzo workers -----	6.46	6.38	7.18	5.41	5.40	6.60	6.00	5.27	5.40	6.28
Painters -----	5.95	6.07	5.64	5.40	4.97	6.42	6.03	5.05	5.39	6.35
Paperhangers -----	6.02	5.61	5.63	5.47	5.41	6.45	6.17	5.16	5.42	6.52
Pipefitters -----	6.93	6.53	7.04	6.38	5.92	7.27	6.85	6.11	6.35	7.39
Plasterers -----	6.35	6.23	6.63	5.59	4.97	6.86	6.48	5.39	5.84	6.69
Plumbers -----	7.01	6.68	7.08	6.22	6.08	7.25	7.16	5.96	6.49	7.39
Rodmen -----	6.64	7.77	7.30	6.55	5.50	7.40	6.35	5.61	6.09	6.33
Roofers, composition -----	6.17	6.66	6.74	4.64	4.38	6.85	5.35	4.94	5.68	6.03
Roofers, slate and tile -----	5.81	7.50	6.48	5.02	4.59	6.66	5.69	4.76	4.48	5.52
Sheet-metal workers -----	6.75	6.90	7.67	6.14	5.52	6.92	6.54	5.74	6.45	7.07
Stonemasons -----	6.73	7.02	7.00	6.47	5.55	7.10	6.29	5.98	6.25	7.16
Structural-iron workers -----	6.72	7.64	7.36	6.71	5.53	7.25	6.33	5.68	6.06	6.44
Tile layers -----	6.08	6.53	6.35	5.33	5.08	6.56	6.02	5.20	5.40	6.19
Helpers and laborers -----	4.86	5.15	5.50	3.95	3.10	5.41	4.99	3.74	4.18	4.81
Bricklayers' tenders -----	5.06	5.08	5.57	3.80	3.17	5.50	4.99	3.87	4.49	5.13
Building laborers -----	4.78	5.16	5.47	3.99	3.05	5.38	5.01	3.72	4.13	4.67
Composition roofers' helpers -----	3.65	4.30	4.79	3.57	2.90	5.16	-	2.61	-	4.37
Elevator constructors' helpers -----	4.76	4.48	5.27	4.17	3.81	5.02	4.29	3.85	4.23	4.47
Marble setters' helpers -----	5.43	5.60	6.18	5.02	-	5.42	4.99	4.03	4.29	5.05
Plasterers' laborers -----	5.17	5.31	5.64	3.76	3.28	5.54	5.01	3.67	4.52	6.23
Plumbers' laborers -----	4.95	-	5.35	3.99	3.10	5.51	4.87	3.37	4.23	4.91
Terrazzo workers' helpers -----	5.46	5.78	6.23	3.71	-	5.90	5.14	4.02	4.34	5.15
Tilelayers' helpers -----	5.15	5.78	5.39	3.73	-	5.45	5.05	3.52	4.60	5.14

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

Hawaii was excluded from the survey.

Table 12. Average wage rates and employer contributions to selected funds by city, July 1, 1970

(Average union hourly wage rates and employer contributions¹ in the building trades by city, July 1, 1970)

City	Average rate per hour	Average employer contribution ¹ per hour	Average rate plus employer contribution ¹ per hour
All cities -----	\$6.18	\$0.80	\$6.97
Population group I (1,000,000 and over):			
Chicago, Ill -----	\$6.74	\$0.61	\$7.35
Detroit, Mich -----	7.19	1.40	8.59
Los Angeles, Calif -----	6.08	1.38	7.46
New York, N. Y -----	6.71	1.74	8.45
Philadelphia, Pa -----	6.60	.68	7.29
Population group II (500,000 to 1,000,000):			
Baltimore, Md -----	5.47	.36	5.83
Boston, Mass -----	6.55	.57	7.12
Buffalo, N. Y -----	6.85	.89	7.74
Cincinnati, Ohio -----	6.97	.47	7.44
Cleveland, Ohio -----	7.73	.67	8.41
Dallas, Tex -----	5.20	.25	5.45
Houston, Tex -----	5.43	.48	5.91
Milwaukee, Wis -----	6.17	.99	7.17
New Orleans, La -----	5.34	.33	5.68
Pittsburgh, Pa -----	6.40	.67	7.07
St. Louis, Mo -----	6.35	1.02	7.38
San Antonio, Tex -----	5.01	.35	5.36
San Diego, Calif -----	6.00	1.18	7.18
San Francisco-Oakland, Calif -----	6.68	1.27	7.96
Seattle, Wash -----	6.12	.63	6.74
Washington, D. C -----	5.80	.37	6.17
Population group III (250,000 to 500,000):			
Atlanta, Ga -----	5.36	.37	5.73
Birmingham, Ala -----	4.91	.22	5.12
Columbus, Ohio -----	6.45	.47	6.93
Dayton, Ohio -----	6.71	.56	7.27
Denver, Colo -----	5.55	.55	6.10
Indianapolis, Ind -----	6.43	.42	6.85
Kansas City, Mo -----	6.18	.48	6.65
Louisville, Ky -----	6.15	.43	6.58
Memphis, Tenn -----	5.24	.25	5.49
Minneapolis-St. Paul, Minn -----	6.36	.80	7.15
Newark, N. J -----	7.10	1.10	8.20
Norfolk, Va -----	4.38	.19	4.58
Oklahoma City, Okla -----	5.24	.23	5.47
Omaha, Nebr -----	5.83	.30	6.13
Phoenix, Ariz -----	5.65	.57	6.22
Portland, Oreg -----	5.97	.70	6.68
Rochester, N. Y -----	6.53	.50	7.03
Tampa, Fla -----	5.02	.32	5.34
Toledo, Ohio -----	7.51	.56	8.07
Tulsa, Okla -----	5.41	.25	5.66
Population group IV (100,000 to 250,000):			
Albuquerque, N. Mex -----	5.13	.41	5.54
Charlotte, N. C -----	4.72	.22	4.94
Des Moines, Iowa -----	5.77	.36	6.13
Erie, Pa -----	6.64	.40	7.04
Evansville, Ind -----	5.46	.42	5.88
Fresno, Calif -----	6.49	1.22	7.71
Grand Rapids, Mich -----	6.42	.55	6.96
Jackson, Miss -----	4.26	.04	4.30
Jacksonville, Fla -----	4.80	.35	5.14
Knoxville, Tenn -----	5.00	.13	5.13
Little Rock, Ark -----	4.90	.17	5.08
Lubbock, Tex -----	4.85	.16	5.01
Madison, Wis -----	5.91	.46	6.37
New Haven, Conn -----	6.28	.46	6.75
Peoria, Ill -----	6.33	.55	6.88
Providence, R. I -----	5.75	.39	6.13
Richmond, Va -----	4.77	.23	5.00
Sacramento, Calif -----	6.63	1.39	8.03
Salt Lake City, Utah -----	5.67	.44	6.11
Scranton, Pa -----	5.49	.55	6.04
Shreveport, La -----	5.15	.16	5.31
South Bend, Ind -----	6.29	.41	6.70
Spokane, Wash -----	5.66	.60	6.26
Springfield, Mass -----	5.88	.50	6.38
Syracuse, N. Y -----	6.26	.66	6.92
Topeka, Kans -----	5.71	.39	6.10
Trenton, N. J -----	6.38	.87	7.25

¹ Includes employer contributions to insurance (life insurance hospitalization, medical, surgical and other similar types of health and welfare programs) and pension funds, and vacation payments to a fund or to the workers as provided in labor-management contracts. Averages presented are for a straight-time hour; in actual practice, however, some employer payments are calculated for total hours worked or gross payroll.

Average is for all workers in the classification including those for whom employer contributions were not specified in their particular contracts.

Some contracts also provide additional payments to other funds such as holidays, apprenticeship, and unemployment benefits. Information on payments to these funds was not collected.

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

Table 13. Average wage rates, journeymen and helpers and laborers by city, July 1, 1970

(Average union hourly rates in the building trades by city, July 1, 1970)

City and population group	Average hourly rate	City and population group	Average hourly rate
<u>Journeymen</u>		<u>Helpers and laborers</u>	
Population group I (1,000,000 and over):		Population group I (1,000,000 and over):	
Detroit, Mich -----	\$7.37	Detroit, Mich -----	\$5.76
Philadelphia, Pa -----	7.10	New York, N. Y -----	5.75
Chicago, Ill -----	6.96	Chicago, Ill -----	5.44
New York, N. Y -----	6.95	Philadelphia, Pa -----	5.02
Los Angeles, Calif -----	6.49	Los Angeles, Calif -----	4.71
Population group II (500,000 to 1,000,000):		Population group II (500,000 to 1,000,000):	
Cleveland, Ohio -----	7.94	Cleveland, Ohio -----	6.53
Cincinnati, Ohio -----	7.17	Cincinnati, Ohio -----	6.07
San Francisco-Oakland, Calif -----	7.17	Buffalo, N. Y -----	5.94
Buffalo, N. Y -----	7.10	St. Louis, Mo -----	5.64
Pittsburgh, Pa -----	6.86	Boston, Mass -----	5.53
Boston, Mass -----	6.81	Milwaukee, Wis -----	5.37
San Diego, Calif -----	6.64	San Francisco-Oakland, Calif -----	5.15
St. Louis, Mo -----	6.47	Pittsburgh, Pa -----	5.14
Washington, D. C -----	6.41	Seattle, Wash -----	4.90
Seattle, Wash -----	6.36	San Diego, Calif -----	4.74
Baltimore, Md -----	6.35	Washington, D. C -----	4.38
Milwaukee, Wis -----	6.35	Houston, Tex -----	4.18
New Orleans, La -----	5.83	Dallas, Tex -----	3.94
Dallas, Tex -----	5.82	New Orleans, La -----	3.79
Houston, Tex -----	5.70	Baltimore, Md -----	3.73
San Antonio, Tex -----	5.44	San Antonio, Tex -----	3.36
Population group III (250,000 to 500,000):		Population group III (250,000 to 500,000):	
Toledo, Ohio -----	7.76	Toledo, Ohio -----	6.46
Newark, N. J -----	7.30	Newark, N. J -----	5.76
Dayton, Ohio -----	7.25	Rochester, N. Y -----	5.59
Rochester, N. Y -----	7.07	Dayton, Ohio -----	5.44
Columbus, Ohio -----	7.02	Minneapolis-St. Paul, Minn -----	5.36
Indianapolis, Ind -----	6.85	Louisville, Ky -----	4.91
Minneapolis-St. Paul, Minn -----	6.85	Columbus, Ohio -----	4.89
Louisville, Ky -----	6.45	Portland, Oreg -----	4.86
Kansas City, Mo -----	6.41	Kansas City, Mo -----	4.80
Omaha, Nebr -----	6.23	Omaha, Nebr -----	4.72
Phoenix, Ariz -----	6.19	Indianapolis, Ind -----	4.55
Portland, Oreg -----	6.16	Phoenix, Ariz -----	4.44
Denver, Colo -----	6.15	Tulsa, Okla -----	4.25
Atlanta, Ga -----	6.05	Denver, Colo -----	4.02
Tulsa, Okla -----	5.64	Oklahoma City, Okla -----	3.57
Oklahoma City, Okla -----	5.54	Tampa, Fla -----	3.55
Birmingham, Ala -----	5.51	Atlanta, Ga -----	3.19
Memphis, Tenn -----	5.50	Birmingham, Ala -----	3.17
Tampa, Fla -----	5.29	Memphis, Tenn -----	3.05
Norfolk, Va -----	5.17	Norfolk, Va -----	2.63
Population group IV (100,000 to 250,000):		Population group IV (100,000 to 250,000):	
Trenton, N. J -----	7.04	Erie, Pa -----	5.71
Erie, Pa -----	7.01	Peoria, Ill -----	5.68
Sacramento, Calif -----	6.89	Syracuse, N. Y -----	5.40
Fresno, Calif -----	6.83	Trenton, N. J -----	5.25
Grand Rapids, Mich -----	6.81	Madison, Wis -----	5.21
South Bend, Ind -----	6.78	South Bend, Ind -----	5.06
New Haven, Conn -----	6.76	New Haven, Conn -----	5.03
Syracuse, N. Y -----	6.53	Fresno, Calif -----	5.01
Peoria, Ill -----	6.51	Providence, R. I -----	5.01
Springfield, Mass -----	6.17	Sacramento, Calif -----	5.01
Providence, R. I -----	6.13	Springfield, Mass -----	4.97
Spokane, Wash -----	6.11	Des Moines, Iowa -----	4.91
Evansville, Ind -----	6.09	Scranton, Pa -----	4.63
Madison, Wis -----	6.07	Grand Rapids, Mich -----	4.59
Salt Lake City, Utah -----	6.02	Evansville, Ind -----	4.53
Topeka, Kans -----	6.01	Spokane, Wash -----	4.48
Des Moines, Iowa -----	5.96	Salt Lake City, Utah -----	4.30
Scranton, Pa -----	5.71	Topeka, Kans -----	4.21
Albuquerque, N. Mex -----	5.59	Albuquerque, N. Mex -----	3.67
Shreveport, La -----	5.55	Knoxville, Tenn -----	3.62
Knoxville, Tenn -----	5.33	Little Rock, Ark -----	3.26
Lubbock, Tex -----	5.23	Shreveport, La -----	2.99
Jackson, Miss -----	5.21	Lubbock, Tex -----	2.98
Richmond, Va -----	5.20	Jacksonville, Fla -----	2.85
Jacksonville, Fla -----	5.18	Charlotte, N. C -----	2.84
Little Rock, Ark -----	5.08	Jackson, Miss -----	2.79
Charlotte, N. C -----	4.92	Richmond, Va -----	2.67

Table 14. Percent and cents-per-hour changes in average wage rates by city, July 1, 1969—70

(Increase in union hourly wage rates in the building trades by city, July 1, 1969—70)

City and population groups	Percent of increase			Cents-per-hour increase		
	All trades	Journeymen	Helpers and laborers	All trades	Journeymen	Helpers and laborers
Population group I (1,000,000 and over):						
Chicago, Ill -----	12.5	12.3	13.7	75	76	66
Detroit, Mich -----	11.8	11.6	13.7	76	77	69
Los Angeles, Calif -----	8.9	8.6	10.1	50	51	43
New York, N. Y -----	8.8	9.6	5.3	54	61	29
Philadelphia, Pa -----	19.5	18.9	22.2	108	113	91
Population group II (500,000 to 1,000,000):						
Baltimore, Md -----	17.9	18.6	15.7	83	100	51
Boston, Mass -----	11.0	9.6	18.4	65	60	86
Buffalo, N. Y -----	21.0	18.0	36.0	119	108	157
Cincinnati, Ohio -----	13.7	13.3	15.9	84	84	84
Cleveland, Ohio -----	11.5	10.9	15.7	80	78	89
Dallas, Tex -----	10.3	9.3	13.3	48	50	46
Houston, Tex -----	10.5	7.8	31.4	52	41	100
Milwaukee, Wis -----	8.7	8.7	9.0	49	51	44
New Orleans, La -----	8.6	8.6	8.9	42	46	31
Pittsburgh, Pa -----	7.9	7.8	8.0	47	50	38
St. Louis, Mo -----	8.6	8.4	10.1	50	50	52
San Antonio, Tex -----	9.8	9.4	12.8	45	47	38
San Diego, Calif -----	9.3	10.9	5.1	51	65	23
San Francisco-Oakland, Calif -----	8.9	9.8	5.3	55	64	26
Seattle, Wash -----	7.3	7.4	6.8	41	44	31
Washington, D. C -----	15.8	15.2	17.7	79	85	66
Population group III (250,000 to 500,000):						
Atlanta, Ga -----	10.7	12.7	.4	52	68	12
Birmingham, Ala -----	9.0	9.8	5.3	41	49	16
Columbus, Ohio -----	15.3	15.1	16.4	86	92	69
Dayton, Ohio -----	16.3	16.6	15.2	94	103	72
Denver, Colo -----	11.1	12.6	5.4	55	69	20
Indianapolis, Ind -----	13.2	13.6	10.0	75	82	41
Kansas City, Mo -----	18.7	17.9	25.7	97	97	98
Louisville, Ky -----	15.2	14.8	17.5	81	83	73
Memphis, Tenn -----	10.1	10.3	7.0	48	52	20
Minneapolis-St. Paul, Minn -----	24.1	24.0	24.3	123	133	105
Newark, N. J -----	11.9	11.5	15.9	76	75	79
Norfolk, Va -----	12.9	11.0	22.2	56	51	48
Oklahoma City, Okla -----	12.5	12.7	11.0	58	63	35
Omaha, Nebr -----	13.5	14.0	11.9	70	76	50
Phoenix, Ariz -----	10.2	9.9	11.2	53	56	45
Portland, Oreg -----	7.8	7.9	7.0	43	45	32
Rochester, N. Y -----	13.4	12.5	15.4	77	79	74
Tampa, Fla -----	12.8	12.0	19.2	57	57	57
Toledo, Ohio -----	16.5	16.1	18.3	106	108	100
Tulsa, Okla -----	11.0	11.3	8.9	54	57	35
Population group IV (100,000 to 250,000):						
Albuquerque, N. Mex -----	8.2	8.7	5.5	39	45	19
Charlotte, N. C -----	8.8	8.6	11.8	38	39	30
Des Moines, Iowa -----	11.4	9.6	22.5	59	52	90
Erie, Pa -----	12.9	11.8	16.3	76	74	80
Evansville, Ind -----	11.3	11.7	10.5	56	64	43
Fresno, Calif -----	8.9	10.1	2.4	53	62	12
Grand Rapids, Mich -----	10.1	10.5	6.9	59	65	30
Jackson, Miss -----	8.1	7.4	10.0	32	36	25
Jacksonville, Fla -----	8.2	8.1	9.4	36	39	25
Knoxville, Tenn -----	8.0	7.6	10.3	37	38	34
Little Rock, Ark -----	6.5	6.5	6.7	30	31	21
Lubbock, Tex -----	11.1	9.8	22.7	48	47	55
Madison, Wis -----	12.8	12.4	15.4	67	67	69
New Haven, Conn -----	12.6	11.4	16.8	70	69	72
Peoria, Ill -----	14.8	14.2	17.4	82	81	84
Providence, R. I -----	15.1	12.7	21.3	75	69	88
Richmond, Va -----	11.5	10.4	22.6	49	49	49
Sacramento, Calif -----	9.3	9.6	6.6	56	60	31
Salt Lake City, Utah -----	12.5	14.0	5.2	63	74	21
Scranton, Pa -----	13.0	13.8	9.5	63	69	40
Shreveport, La -----	8.7	8.3	13.0	41	42	35
South Bend, Ind -----	14.6	13.9	17.1	80	83	74
Spokane, Wash -----	7.6	7.7	7.1	40	44	30
Springfield, Mass -----	14.4	11.5	27.2	74	64	106
Syracuse, N. Y -----	10.6	10.2	12.4	60	60	60
Topeka, Kans -----	15.5	14.7	21.7	77	77	75
Trenton, N. J -----	10.8	13.0	6.1	62	81	30

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

(Hours are 40 for both years unless otherwise indicated)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970				
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹				
			Insurance ²	Pension	Vacation pay	Other ³				Insurance ²	Pension	Vacation pay	Other ³	
ALBUQUERQUE, N. MEX.					ATLANTA, GA.—Continued									
<u>Journeyman</u>					<u>Journeyman—Continued</u>									
Asbestos workers.....	5.540	5.940	21¢	25¢	-	2¢	Carpenters.....	5.300	6.200	20¢	15¢	-	-	-
Bricklayers.....	5.580	6.310	22¢	25¢	-	2¢	Millwrights.....	5.450	5.850	-	-	-	-	-
Carpenters.....	4.950	5.210	23¢	27¢	15¢	2¢	Piledrivers.....	5.450	6.350	20¢	15¢	-	-	-
Millwrights, parquetry floor layers.....	5.200	5.460	23¢	27¢	15¢	6¢	Cement finishers.....	4.750	4.950	20¢	-	-	-	-
Wharf and bridge, shinglers, and piledrivers.....	5.200	5.460	23¢	27¢	15¢	6¢	Trowling machines.....	4.880	5.080	20¢	-	-	-	-
Carpet layers.....	4.350	4.650	25¢	-	-	-	Electricians (inside wirem).....	5.700	6.400	3%	6%	-	-	-
Cement finishers.....	4.450	4.680	22¢	-	-	2¢	Elevator constructors.....	5.270	5.740	14½¢	17¢	(*)	-	½¢
Composition and mastic.....	4.570	4.800	22¢	-	-	2¢	Engineers—Power equipment operators: Group A: Cranes, derricks, draglines, hoists, piledrivers, shovels, trench machines (over 6 feet depth).....	5.200	5.600	13¢	15¢	-	-	-
Electricians (inside wirem).....	5.600	6.000	20¢	1%	-	-	Group B: Bulldozers, scrapers, tractors with special equipment.....	4.700	5.100	13¢	15¢	-	-	-
Elevator constructors.....	5.450	6.200	17¢	18½¢	(*)	½¢	Group C: Rollers.....	4.200	4.450	13¢	15¢	-	-	-
Engineers—Power equipment operators: Air compressors.....	4.270	4.520	15¢	10¢	-	-	Group D: Air compressors (over 130 cubic feet), pumps (over 4 inches).....	3.580	3.830	13¢	15¢	-	-	-
Concrete mixers: Under 1 yard.....	4.270	4.520	15¢	10¢	-	-	Glaziers.....	4.800	5.150	15¢	10¢	10¢	-	-
1 yard and over.....	4.350	4.600	15¢	10¢	-	-	Lathers.....	4.950	5.100	20¢	10¢	-	-	3¢
Paving machines: Single-drum.....	4.350	4.600	15¢	10¢	-	-	Machinists.....	4.800	5.250	-	-	(6)	-	-
Double-drum.....	4.470	4.720	15¢	10¢	-	-	Marble setters.....	5.050	5.200	15¢	20¢	20¢	-	-
Cranes: ¾ yard or under with less than 50 foot boom, no attachments.....	4.470	4.720	15¢	10¢	-	-	Mosaic and terrazzo workers.....	5.050	5.200	15¢	20¢	20¢	-	-
All others.....	4.850	5.100	15¢	10¢	-	-	Painters.....	5.300	5.950	-	25¢	-	-	-
Hoists: 1 drum.....	4.270	4.520	15¢	10¢	-	-	Spray.....	6.300	6.950	-	25¢	-	-	-
2 drums or more.....	4.470	4.720	15¢	10¢	-	-	Structural steel, swing stage.....	5.550	6.200	-	25¢	-	-	-
Derricks (Guy and Stiffleg).....	4.850	5.100	15¢	10¢	-	-	Paperhangers.....	5.550	6.200	-	25¢	-	-	-
Piledrivers, crawler or skidrig.....	4.850	5.100	15¢	10¢	-	-	Pipefitters.....	5.850	6.850	20¢	35¢	-	-	2¢
Shovels, backhoes, clams, and dragline.....	4.850	5.100	15¢	10¢	-	-	Plasterers.....	5.120	5.320	20¢	-	-	-	3¢
Tractors.....	4.270	4.270	15¢	10¢	-	-	Plumbers.....	5.850	6.850	20¢	35¢	-	-	2¢
Trenching machines.....	4.350	4.600	15¢	10¢	-	-	Rodmen.....	5.200	5.600	35¢	17¢	-	-	-
Glaziers.....	4.195	4.445	-	-	-	-	Roofers, composition.....	4.100	4.350	-	-	-	-	-
Lathers.....	5.250	5.400	-	-	-	8¢	Roofers, slate and tile.....	4.350	4.600	-	-	-	-	-
Marble setters.....	5.025	5.325	-	-	-	-	Sheet-metal workers.....	5.400	6.300	20¢	25¢	-	-	6¢
Mosaic and terrazzo workers.....	5.025	5.325	-	-	-	-	Stonemasons.....	5.200	5.400	15¢	20¢	25¢	-	-
Painters.....	4.170	4.570	25¢	-	-	-	Structural-iron workers.....	5.200	5.600	35¢	17¢	-	-	-
Spray.....	4.670	5.070	25¢	-	-	-	Sheeters.....	5.450	5.850	35¢	17¢	-	-	-
Paperhangers.....	4.420	4.820	25¢	-	-	-	Tile layers.....	5.050	5.200	15¢	20¢	20¢	-	-
Pipefitters.....	5.515	6.770	31¢	27¢	-	5¢	<u>Helpers and laborers</u>							
Plasterers.....	4.680	5.060	22¢	-	-	8¢	Bricklayers' tenders.....	3.150	3.150	10¢	10¢	-	-	-
Plumbers.....	5.515	6.770	31¢	27¢	-	5¢	Mortar mixers.....	3.270	3.270	10¢	10¢	-	-	-
Rodmen.....	5.575	5.675	25¢	25¢	-	2¢	Building laborers.....	3.150	3.150	10¢	10¢	-	-	-
Roofers, composition.....	3.950	4.300	-	-	-	-	Composition roofers' helpers.....	3.150	3.400	-	-	-	-	-
Roofers, slate and tile.....	3.950	4.300	-	-	-	-	Elevator constructors' helpers.....	3.690	4.020	14½¢	17¢	(*)	-	½¢
Sheet-metal workers.....	5.380	5.880	20¢	20¢	-	6¢	Plasterers' laborers.....	3.150	3.150	10¢	10¢	-	-	-
Stonemasons.....	5.580	6.310	22¢	25¢	-	2¢	Plumbers' laborers.....	3.150	3.150	10¢	10¢	-	-	-
Structural-iron workers.....	5.575	5.675	25¢	25¢	-	2¢	BALTIMORE, MD.							
Tile layers: Agreement A.....	5.025	5.325	-	-	-	-	<u>Journeyman</u>							
Agreement B.....	4.350	4.650	25¢	-	-	-	Asbestos workers.....	5.450	6.150	45¢	25¢	-	-	-
<u>Helpers and laborers</u>														
Bricklayers' tenders.....	3.730	3.910	22¢	15¢	-	2¢	Boilermakers.....	5.700	6.900	30¢	50¢	-	-	-
Building laborers.....	3.430	3.610	22¢	15¢	-	2¢	Bricklayers.....	5.600	6.600	30¢	30¢	-	-	-
Elevator constructors' helpers.....	3.815	4.340	17¢	18½¢	(*)	½¢	Carpenters.....	4.980	6.400	14¢	10¢	-	-	2¢
Marble setters' helpers.....	3.675	3.925	-	-	-	-	Cement finishers.....	5.090	6.295	12½¢	-	-	-	2¢
Plasterers' laborers.....	3.730	3.910	22¢	15¢	-	2¢	Electricians (inside wirem).....	5.650	6.250	25¢	1%	-	-	-
Plumbers' laborers.....	3.430	3.610	22¢	15¢	-	2¢	Elevator constructors.....	5.650	6.460	17¢	18½¢	(*)	-	½¢
Terrazzo workers' helpers.....	3.675	3.925	-	-	-	-								
Tile layers' helpers.....	3.675	3.925	-	-	-	-								
ATLANTA, GA.														
<u>Journeyman</u>														
Asbestos workers.....	5.300	6.050	20¢	15¢	-	-								
Boilermakers.....	5.100	5.350	20¢	40¢	-	-								
Bricklayers.....	5.250	5.400	15¢	20¢	25¢	-								

See footnotes at end of table.

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

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969	July 1, 1970				Trade or occupation	July 1, 1969	July 1, 1970					
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹				
			Insur- ance ²	Pen- sion	Vaca- tion pay				Other ³	Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
BALTIMORE, MD.—Continued						BIRMINGHAM, ALA.—Continued							
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>							
Engineers—Power equipment operators:						Engineers—Power equipment operators—Continued							
Building construction:						Building construction—Continued							
Heavy equipment:						Continued							
Derricks, power cranes, shovels, elevating graders	\$ 5.420	\$ 6.020	20¢	25¢	-	Group B:							
Medium equipment:						Air compressors (over 125), pumps (over 4 inches), rollers	\$ 4.300	\$ 4.500	-	20¢	-	-	
Temporary elevators, concrete pumps, single-drum hoists	4.720	5.320	20¢	25¢	-	Group C:							
Light equipment:						Air compressors (105 cubic feet and under), pumps (under 4 inches)	3.600	3.850	-	20¢	-	-	
Compressors, pumps	4.620	5.220	20¢	25¢	-	Glaziers	4.500	4.800	-	-	-	-	
Bulldozers	4.570	5.220	20¢	25¢	-	Lathers	4.300	4.650	-	10¢	-	3¢	
Heavy construction:						Marble setters	5.100	5.300	-	-	-	-	
Heavy equipment:						Mosaic and terrazzo workers	4.350	5.000	-	-	-	-	
Whirleys, derricks, piledrivers	5.420	6.020	20¢	25¢	-	Painters	4.800	5.200	-	15¢	-	-	
Light equipment:						Residential	4.650	5.050	-	15¢	-	-	
Tractors with attachment	5.020	5.620	20¢	25¢	-	Structural steel, swing stage, spray	5.300	5.700	-	15¢	-	-	
Glaziers	4.800	5.300	15¢	-	-	Paperhangers	4.950	5.350	-	15¢	-	-	
Lathers	5.150	5.450	15¢	15¢	3¢	Pipefitters	5.450	6.000	15¢	20¢	-	4¢	
Machinists	5.850	6.200	-	-	35¢	Plasterers	4.570	4.820	-	-	-	-	
Marble setters	5.600	6.600	30¢	30¢	-	Plumbers	5.450	6.000	15¢	20¢	-	4¢	
Mosaic and terrazzo workers	5.140	5.390	30¢	30¢	-	Rodmen	5.350	5.350	25¢	12¢	-	-	
Painters	4.820	5.320	7½¢	40¢	-	Roofers, composition	3.900	4.150	-	10¢	-	-	
Structural steel	5.170	5.820	7½¢	40¢	-	Roofers, slate and tile	4.100	4.400	-	10¢	-	-	
Spray	5.070	5.570	7½¢	40¢	-	Sheet-metal workers	5.400	6.200	20¢	25¢	-	7½¢	
Paperhangers	4.970	5.470	7½¢	40¢	-	Stonemasons	5.150	5.550	-	25¢	-	-	
Pipefitters	5.530	6.460	25¢	-	-	Structural-iron workers	5.350	5.350	25¢	12¢	-	-	
Plasterers	5.100	5.500	25¢	-	-	Tile layers	4.350	5.000	-	-	-	-	
Plumbers	5.410	6.410	25¢	-	4¢								
Rodmen	6.010	6.910	40¢	30¢	-	<u>Helpers and laborers</u>							
Roofers, composition	4.150	4.300	15¢	15¢	-	Bricklayers' tenders	3.000	3.150	10¢	10¢	-	-	
Mopmen	4.600	4.750	15¢	15¢	-	Mortar mixers	3.100	3.250	10¢	10¢	-	-	
Roofers, slate and tile	4.600	4.750	15¢	15¢	-	Building laborers	3.000	3.150	10¢	10¢	-	-	
Precast roofers	4.950	5.100	15¢	15¢	-	Air tool	3.150	3.300	10¢	10¢	-	-	
Precast	5.200	5.350	15¢	15¢	-	Composition roofers ¹							
Sheet-metal workers	5.550	6.550	25¢	20¢	-	helpers	2.750	3.000	-	10¢	-	-	
Stonemasons	5.600	6.600	30¢	30¢	-	Elevator constructors ¹							
Structural-iron workers	6.010	6.910	40¢	30¢	-	helpers	3.580	3.910	14½¢	17¢	(*)	½¢	
Sheeters	6.260	7.160	40¢	30¢	-	Plasterers' laborers	3.050	3.200	10¢	10¢	-	-	
Tile layers	5.140	5.390	30¢	30¢	-								
<u>Helpers and laborers</u>						BOSTON, MASS.							
Bricklayers' tenders	3.300	3.800	10¢	12½¢	-	2½¢	<u>Journeyman</u>						
Building laborers	3.150	3.650	10¢	12½¢	-	4½¢	Asbestos workers	6.360	6.955	35¢	25¢	-	-
Elevator constructors ¹							Boilermakers	5.900	6.250	30¢	50¢	-	-
helpers	3.955	4.650	17¢	18½¢	(*)	½¢	Bricklayers	6.350	7.250	30¢	35¢	-	1¢
Marble setters' helpers	3.675	4.375	12½¢	-	-	-	Carpenters	6.150	6.650	30¢	30¢	-	-
Plasterers' laborers	3.300	3.800	10¢	12½¢	-	4½¢	Cement finishers	6.400	7.350	35¢	20¢	-	-
Hod carriers	3.550	4.050	10¢	12½¢	-	4½¢	Electricians (inside wiremen)	6.200	7.050	25¢	35¢	-	-
Plumbers' laborers	3.150	3.650	10¢	12½¢	-	4½¢	Elevator constructors	6.070	6.640	14½¢	17¢	(*)	½¢
Terrazzo workers' helpers	3.665	4.375	12½¢	-	-	-	Engineers—Power equipment operators:						
Tile layers' helpers	3.675	4.375	12½¢	-	-	-	Building construction:						
BIRMINGHAM, ALA.						Heavy equipment:							
<u>Journeyman</u>						Power shovels, piledrivers, hoisting engines							
Asbestos workers	5.050	5.550	12½¢	15¢	-	-	Medium equipment:						
Bricklayers	5.150	5.550	-	25¢	-	-	Bulldozers						
Carpenters	4.600	5.000	-	-	-	-	Bulldozers (21 yds. struck or less)	6.215	6.815	27½¢	30¢	-	-
Millwrights	5.000	5.300	-	-	-	-	Graders	6.215	6.815	27½¢	30¢	-	-
Piledrivers	4.800	5.200	-	-	-	-	Light equipment:						
Cement finishers	4.430	4.680	-	-	-	-	Pumps, compressors, welding machines	5.230	5.730	27½¢	30¢	-	-
Electricians (inside wiremen)	5.700	6.200	15¢	1%	-	-	Heavy construction:						
Elevator constructors	5.110	5.590	14½¢	17¢	(*)	½¢	Heavy equipment:						
Engineers—Power equipment operators:							Power shovels, piledrivers, lighters	6.335	6.935	27½¢	30¢	-	-
Building construction:							Medium equipment:						
Group A:							Bulldozers	6.215	6.535	27½¢	30¢	-	-
Bulldozers, cranes, derricks, draglines, hoists (1 drum or more), mixers, motor graders, shovels, scrapers	4.450	4.700	-	20¢	-	-	Cement mixers, steam boilers	5.965	6.535	27½¢	30¢	-	-

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insurance ²	Pension	Vacation pay	Other ³				Insurance ²	Pension	Vacation pay	Other ³
BOSTON, MASS.—Continued						BUFFALO, N. Y.—Continued							
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>							
Glaziers	\$ 5.500	\$ 5.950	27½¢	30¢	-	-	Machinists	\$ 6.910	\$ 8.260	-	-	(^b)	30¢
Lathers	5.900	6.500	-	-	-	3¢	Marble setters	5.965	7.055	-	65¢	-	46¢
Machinists	6.050	6.050	-	-	5%	-	Mosaic and terrazzo workers	5.900	6.990	-	65¢	-	46¢
Marble setters	5.850	6.400	30¢	35¢	-	-	Painters	5.125	5.425	27½¢	30¢	-	45¢
Mosaic and terrazzo workers	5.850	6.400	30¢	35¢	-	-	Spray, swing scaffold	5.375	5.675	27½¢	30¢	-	45¢
Painters	5.900	6.075	27¢	30¢	-	-	Steel	5.625	5.925	27½¢	30¢	-	45¢
Spray	6.900	7.075	27¢	30¢	-	-	Paperhangers	5.125	5.425	27½¢	30¢	-	45¢
Structural steel	6.525	6.700	27¢	30¢	-	-	Pipefitters	7 6.110	7.610	52¢	54¢	-	2¢
Pipefitters	6.100	6.600	36¢	30¢	-	8¢	Sprinkler fitters	6.640	7.930	20¢	30¢	-	5¢
Sprinkler fitters	6.560	6.970	15¢	25¢	-	-	Plasterers	6.810	8.210	-	-	-	-
Plasterers	5.500	6.150	45¢	-	-	5¢	Plumbers	6.430	7.880	35¢	30¢	-	5¢
Plumbers	6.300	6.700	30¢	35¢	-	2¢	Rodmen	6.440	7.630	20¢	41¢	-	5¢
Rodmen	6.940	7.640	25¢	25¢	-	-	Roofers, composition	5.400	6.350	63¢	80¢	-	2¢
Roofers, composition	5.900	6.550	25¢	15¢	-	5¢	Roofers, slate and tile	5.500	6.800	63¢	80¢	-	2¢
Roofers, slate and tile	5.900	6.550	25¢	15¢	-	5¢	Sheet-metal workers	6 6.300	7.350	30¢	25¢	-	25¢
Sheet-metal workers	6.480	7.330	31¢	30¢	-	3¢	Stonemasons	6.220	7.310	-	65¢	-	46¢
Stonemasons	6.350	7.250	30¢	35¢	-	1¢	Structural-iron workers	6.440	7.630	20¢	41¢	-	5¢
Structural-iron workers	6.940	7.640	25¢	25¢	-	-	Tile layers	5.900	6.990	-	65¢	-	46¢
Tile layers	6.100	6.750	20¢	10¢	-	-	<u>Helpers and laborers</u>						
<u>Helpers and laborers</u>						<u>Helpers and laborers</u>							
Bricklayers' tenders:							Bricklayers' tenders	4.285	5.885	50¢	50¢	-	50¢
Agreement A	4.650	5.350	50¢	25¢	-	5¢	Building laborers	4.285	5.885	50¢	50¢	-	50¢
Agreement B	4.650	5.650	20¢	25¢	-	5¢	Elevator constructors'						
Building laborers:							helpers	4.660	5.580	17¢	18½¢	(^d)	½¢
Agreement A	4.650	5.350	50¢	25¢	-	5¢	Marble setters' helpers	5.230	5.930	25¢	50¢	-	\$ 1.000
Agreement B	4.650	5.650	20¢	25¢	-	5¢	Plasterers' laborers	4.385	5.885	50¢	50¢	-	50¢
Elevator constructors'							Plumbers' laborers	4.535	5.885	50¢	50¢	-	50¢
helpers	4.250	4.650	14½¢	17¢	(^e)	½¢	Terrazzo workers' helpers	5.230	5.930	25¢	15¢	-	\$ 1.000
Marble setters'							Grinders	5.330	6.030	25¢	15¢	-	\$ 1.000
helpers	5.000	5.700	20¢	10¢	-	-	Tile layers' helpers	5.230	5.930	25¢	15¢	-	\$ 1.000
Plasterers' laborers:							CHARLOTTE, N. C.						
Agreement A	4.850	5.550	50¢	25¢	-	5¢	<u>Journeyman</u>						
Agreement B	4.850	5.850	20¢	25¢	-	5¢	Asbestos workers	5.050	5.550	20¢	-	-	-
Terrazzo workers'							Boilermakers	5.100	5.350	20¢	40¢	-	-
helpers	5.250	5.800	20¢	10¢	-	-	Bricklayers	4.800	4.900	10¢	-	-	-
Tile layers' helpers	5.000	5.700	20¢	10¢	-	-	Carpenters	4.150	4.450	15¢	-	-	-
BUFFALO, N. Y.						BUFFALO, N. Y.							
<u>Journeyman</u>						<u>Journeyman</u>							
Asbestos workers	6.230	7.190	34¢	35¢	-	-	Millwrights	5.050	5.350	15¢	-	-	-
Boilermakers	6.040	7.340	30¢	40¢	-	-	Piledrivers	4.450	4.750	15¢	-	-	-
Bricklayers	6.220	7.310	-	65¢	-	46¢	Cement masons	3.725	3.925	10¢	-	-	-
Carpenters	5.580	6.730	90¢	60¢	-	-	Electricians (inside wiremen)	4.600	5.000	15¢	1%	-	¼%
Cement finishers	6.710	8.060	-	-	-	-	Engineers—Power equipment operators:						
Machine operators, floor	6.880	8.230	-	-	-	-	Building construction:						
On swing	6.980	8.330	-	-	-	-	Heavy equipment:						
Machine operators	7.150	8.480	-	-	-	-	Shovels, cranes, draglines (4 yards and over)	4.700	5.050	15¢	10¢	-	-
Electricians (inside wiremen)	7 6.910	7 6.110	20¢	1%+30¢	-	-	Shovels, cranes, draglines (under 4 yards), derricks, hoists (3 drums or more), locomotives, piledrivers	4.450	4.800	15¢	10¢	-	-
Residential	7 6.760	7 7.960	20¢	1%+30¢	(^f)	½¢	Medium equipment:						
Elevator constructors	6.665	7.970	17¢	18½¢	-	-	Bulldozers, hoists (2 drums), scrapers, trench machines, tractors with attachments	3.750	4.100	15¢	10¢	-	-
Engineers—Power equipment operators:							Light equipment:						
Building construction:							Air compressors, hoists (1 drum), pumps, mixers, tractors without attachments	2.900	3.100	15¢	10¢	-	-
Heavy equipment:							Lathers	4.250	4.600	-	-	-	3¢
Shovels, cranes, derricks	5.885	7.085	25¢	25¢	-	50¢	Painters	3.600	4.000	-	-	-	-
Medium equipment:							Spray	4.350	5.000	-	-	-	-
Carryall machines	5.885	7.085	25¢	25¢	-	50¢	Steel and swing stage	4.100	4.500	-	-	-	-
Trench machines	5.760	6.960	25¢	25¢	-	50¢	Roller	3.850	4.000	-	-	-	-
Hoists	5.720	6.920	25¢	25¢	-	50¢	Industrial	4.500	5.000	-	-	-	-
Light equipment:							Residential	3.350	3.750	-	-	-	-
Compressors, mechanical heaters	5.510	6.710	25¢	25¢	-	50¢	Spray	3.850	4.500	-	-	-	-
Pumps	5.635	6.835	25¢	25¢	-	50¢	Paperhangers	4.350	4.850	-	-	-	-
Heavy construction:							Residential	4.100	4.600	-	-	-	-
Heavy equipment:							Pipefitters	4.800	5.250	15¢	10¢	-	-
Shovels, cranes, backhoes	5.885	7.085	25¢	25¢	-	50¢	Plasterers	4.000	4.250	2½/10¢	-	-	-
Medium equipment:							Plumbers	4.800	5.250	15¢	10¢	-	-
Graders and carryall machines	5.885	7.085	25¢	25¢	-	50¢	Rodmen	4.650	5.200	4%	4%	-	-
Trench machines	5.760	6.960	25¢	25¢	-	50¢							
Light equipment:													
Compressors, heating boilers	5.510	6.710	25¢	25¢	-	50¢							
Pavers	5.885	7.085	25¢	25¢	-	50¢							
Glaziers	5.510	6.610	30¢	30¢	-	30¢							
Lathers	6.810	8.160	-	-	-	-							

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insurance ²	Pension	Vacation pay	Other ³				Insurance ²	Pension	Vacation pay	Other ³
CHARLOTTE, N. C.—Continued						CHICAGO, ILL.—Continued							
Journeyman—Continued						Helpers and laborers—Continued							
Sheet-metal workers.....	\$4.500	\$4.950	20¢	10¢	-	-	Plasterers' laborers	\$4.875	\$5.525	32¢	40¢	-	-
Structural-iron workers	4.650	5.200	4%	4%	-	-	Terrazzo workers' helpers	5.100	5.900	10¢	-	-	-
Helpers and laborers						CINCINNATI, OHIO							
Bricklayers' laborers.....	2.900	3.200	10¢	-	-	3¢	Journeyman						
Building laborers.....	2.500	3.200	10¢	-	-	3¢	Asbestos workers.....	6.450	8.010	20¢	20¢	-	-
Plasterers' laborers.....	2.650	2.950	10¢	-	-	3¢	Boilermakers.....	5.450	6.800	30¢	50¢	-	-
CHICAGO, ILL.						Boilermakers.....							
Journeyman						Bricklayers.....							
Asbestos workers.....	6.150	6.500	30¢	12½¢	-	5¢	Carpenters.....	6.450	7.350	30¢	25¢	-	2½¢
Boilermakers.....	6.900	7.600	30¢	50¢	-	15¢	Millwrights.....	7.140	8.090	-	-	-	7½¢
Bricklayers.....	6.550	7.200	25¢	35¢	-	-	Cement finishers.....	5.875	5.875	20¢	17¢	-	-
Carpenters.....	6.050	6.850	25¢	47½¢	-	-	Electricians (inside wiremen).....	6.600	7.150	15¢	1%+15¢	-	-
Cement finishers.....	5.900	7.150	40¢	15¢	-	-	Elevator constructors.....	5.880	6.700	14½¢	17¢	(*)	½¢
Swing scaffold.....	6.150	7.400	40¢	15¢	-	-	Engineers—Power equipment operators:						
Electricians (inside wiremen).....	6.700	7.300	3½%	3%	-	-	Building and heavy construction:						
Elevator constructors.....	6.565	7.640	17¢	18½¢	(*)	½¢	Heavy equipment:						
Engineer—Power equipment operators:							Cranes, derricks, power shovels.....	5.730	6.940	28¢	35¢	-	-
Building construction:							Medium equipment:						
Heavy equipment:							Bulldozers, power graders.....	5.650	6.740	28¢	35¢	-	-
Piledrivers, shovels highlift (4 cubic yards or more), trench machines.....	6.050	7.350	30¢	30¢	10¢	-	Trench machine under 24 inches.....	5.505	6.640	28¢	35¢	-	-
Medium equipment:							Light equipment:						
Bulldozers.....	5.600	6.600	30¢	30¢	10¢	-	Compressors, portable.....	5.355	6.640	28¢	35¢	-	-
Concrete mixers (2 bags or over).....	5.500	6.600	30¢	30¢	10¢	-	Pumps, 4 inches and over.....	5.355	6.640	28¢	35¢	-	-
Hoists (2-tugger, 1-floor).....	5.850	7.350	30¢	30¢	10¢	-	Rollers, asphalt.....	5.355	6.640	28¢	35¢	-	-
Light equipment:							Glaziers.....	6.250	7.250	-	25¢	-	-
Air compressors (up to 110 horsepower).....	5.100	6.000	30¢	30¢	10¢	-	Lathers.....	6.100	7.100	-	-	-	7½¢
Pumps (well points).....	5.400	6.100	30¢	30¢	10¢	-	Machinists.....	6.100	7.250	-	-	(10)	-
Welding machines.....	5.350	6.100	30¢	30¢	10¢	-	Marble setters.....	6.475	7.185	25¢	-	-	-
Heavy construction:							Mosaic and terrazzo workers.....	6.010	6.760	25¢	-	-	2½¢
Heavy equipment:							Painters.....	5.230	6.230	15¢	15¢	-	-
Cranes, derricks, Koehring scoopers, power shovels.....	5.900	7.000	30¢	20¢	-	-	Industrial.....	5.380	6.380	15¢	15¢	-	-
Medium equipment:							Residential.....	5.030	6.030	15¢	15¢	-	-
Rollers, except grade.....	5.500	6.000	30¢	20¢	-	-	Paperhangers.....	5.230	6.830	15¢	15¢	-	-
Scoops and similar machines.....	5.450	6.500	30¢	20¢	-	-	Residential.....	5.030	6.630	15¢	15¢	-	-
Light equipment:							Pipefitters.....	6.760	7.360	40¢	72½¢	-	24¢
Bulldozers.....	5.450	6.500	30¢	20¢	-	-	Plasterers.....	5.625	7.125	30¢	30¢	-	10¢
Pumps.....	4.850	5.500	30¢	20¢	-	-	Plumbers.....	7.205	7.955	28¢	25¢	-	11¢
Welding machines 2 or more.....	5.150	5.500	30¢	20¢	-	-	Rodmen.....	6.210	7.185	25¢	45¢	-	2½¢
Glaziers.....	5.770	6.590	16¢	20¢	-	-	Roofers, composition.....	5.860	6.710	-	30¢	-	2½¢
Lathers.....	6.090	7.110	26¢	20¢	-	7½¢	Sheet-metal workers.....	6.090	6.790	15¢	17½¢	-	-
Machinists.....	5.850	6.180	20¢	10¢	(9)	-	Stonemasons.....	6.475	7.185	-	-	-	-
Marble setters.....	5.950	6.550	30¢	-	-	-	Structural-iron workers.....	6.285	7.185	25¢	45¢	-	1½¢
Mosaic and terrazzo workers.....	5.750	6.550	15¢	-	-	-	Tile layers.....	6.010	6.760	25¢	-	-	2½¢
Painters.....	5.650	6.350	27½¢	20¢	-	-	Helpers and laborers						
Paperhangers.....	5.650	6.350	27½¢	20¢	-	-	Bricklayers' tenders.....	5.400	6.250	25¢	10¢	-	-
Pipefitters.....	6.250	7.250	17¢	30¢	-	2¢	Building laborers.....	5.200	6.050	25¢	10¢	-	-
Sprinkler fitters.....	6.290	6.940	16¢	30¢	-	-	Elevator constructors' helpers.....	4.120	4.690	14½¢	17¢	(*)	½¢
Plasterers.....	6.000	7.000	31¢	11¢	-	10¢	Marble setters' helpers.....	5.320	6.070	-	-	-	-
Plumbers.....	6.200	6.900	25¢	25¢	-	2¢	Marble polishers.....	5.320	6.235	-	-	-	-
Rodmen.....	6.850	8.600	49½¢	50¢	-	-	Terrazzo workers' helpers.....	5.150	5.900	-	-	-	-
Roofers, composition.....	6.320	7.720	18¢	15¢	-	-	Base grinders.....	5.570	6.320	-	-	-	-
Roofers, slate and tile.....	6.020	6.320	18¢	15¢	-	-	Tile layers' helpers.....	5.070	5.820	-	-	-	-
Sheet-metal workers.....	6.200	6.500	35¢	34¢	-	-	CLEVELAND, OHIO						
Stonemasons.....	6.550	7.220	25¢	35¢	-	-	Journeyman						
Structural-iron workers.....	6.850	8.600	49½¢	50¢	-	-	Asbestos workers.....	7.810	8.460	-	-	-	-
Ornamental-iron finishers.....	6.610	7.150	25¢	32½¢	-	-	Boilermakers.....	7.210	7.960	20¢	40¢	-	-
Tile layers.....	5.900	6.550	30½¢	22½¢	-	-	Bricklayers.....	7.160	8.160	35¢	45¢	-	-
Helpers and laborers						Carpenters.....							
Bricklayers' tenders.....	4.900	5.550	32¢	40¢	-	-	Caisson and Sewer.....	7.660	8.660	35¢	45¢	-	-
Building laborers.....	4.750	5.400	32¢	40¢	-	-	Cement finishers.....	7.200	8.100	30¢	50¢	-	-
Elevator constructors' helpers.....	4.595	5.350	17¢	18½¢	(*)	½¢	Electricians (inside wiremen).....	7.450	8.030	25¢	1%+28¢	-	-
Marble setters' helpers.....	5.200	5.800	32¢	40¢	-	-	Elevator constructors.....	7.430	8.120	17¢	18½¢	(*)	½¢

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969	July 1, 1970					Trade or occupation	July 1, 1969	July 1, 1970				
	Rate per hour	Rate per hour	Employer contributions to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insurance ²	Pension	Vacation pay	Other ³				Insurance ²	Pension	Vacation pay	Other ³
CLEVELAND, OHIO—Continued						COLUMBUS, OHIO—Continued							
<u>Journeymen—Continued</u>						<u>Journeymen—Continued</u>							
Engineers—Power equipment operators:						Glaziers -----	\$ 5.690	\$ 6.190	-	12¢	-	1/2¢	
Building and heavy construction:						Lathers -----	5.900	7.050	-	10¢	-	-	
Heavy equipment:						Marble setters -----	5.390	5.950	-	-	-	-	
Cranes, derricks, power shovels -----	\$ 7.270	\$ 8.000	28¢	35¢	-	Mosaic and terrazzo workers -----	5.390	5.950	-	-	-	-	
Medium equipment:						Painters -----	4.550	5.550	15¢	15¢	-	-	
Bulldozers, power graders -----	6.870	7.850	28¢	35¢	-	Spray -----	4.850	6.050	15¢	15¢	-	-	
Trench machine under 24 inches -----	6.720	7.700	28¢	35¢	-	Structural steel, swing stage -----	4.725	5.850	15¢	15¢	-	-	
Light equipment:						Paperhangers -----	4.550	5.550	15¢	15¢	-	-	
Compressors, portable -----	6.420	6.820	28¢	35¢	-	Pipefitters -----	7.775	8.630	24¢	35¢	-	-	
Pumps, 4 inches and over -----	6.420	6.820	28¢	35¢	-	Plasterers -----	5.700	6.750	30¢	10¢	-	-	
Roller, asphalt -----	6.420	6.820	28¢	35¢	-	Plumbers -----	7.775	8.630	24¢	35¢	-	-	
Glaziers -----	6.610	7.510	25¢	15¢	-	Rodmen -----	6.200	7.250	25¢	45¢	-	-	
Lathers -----	7.710	8.560	-	-	3¢	Roofers, composition -----	5.540	5.990	22 1/2¢	30¢	-	-	
Machinists -----	5.700	6.000	-	-	(11)	Roofers, slate and tile -----	5.540	5.990	22 1/2¢	30¢	-	-	
Marble setters -----	7.160	8.160	35¢	45¢	-	Sheet-metal workers -----	6.290	7.290	18¢	20¢	-	-	
Mosaic and terrazzo workers -----	7.090	8.090	35¢	45¢	-	Stonemasons -----	5.100	6.100	20¢	15¢	-	-	
Painters -----	6.410	7.060	28¢	23¢	-	Structural-iron workers -----	6.200	7.250	25¢	45¢	-	-	
Spray, structural steel -----	6.660	7.460	28¢	23¢	-	Tile layers -----	5.390	5.950	-	-	-	-	
Swing stage -----	6.535	7.360	28¢	23¢	-	<u>Helpers and laborers</u>							
Paperhangers -----	6.410	7.060	28¢	23¢	-	Bricklayers' tenders -----	4.360	5.020	30¢	15¢	-	-	
Pipefitters -----	7.160	7.160	30¢	35¢	-	Building laborers -----	4.160	4.860	30¢	15¢	-	-	
Plasterers -----	7.710	8.560	-	-	3¢	Elevator constructors' helpers:							
Plumbers -----	7.210	8.310	20¢	40¢	-	First 6 months -----	2.840	3.350	14 1/2¢	17¢	-	1/2¢	
Rodmen -----	7.200	7.950	40¢	30¢	-	After 6 months -----	3.980	4.690	14 1/2¢	17¢	(4)	1/2¢	
Roofers, composition -----	7.260	7.560	15¢	30¢	45¢	Marble setters' helpers -----	4.330	4.800	-	-	-	-	
Roofers, slate and tile -----	7.260	7.560	15¢	30¢	45¢	Plasterers' laborers -----	4.360	5.020	30¢	15¢	-	-	
Sheet-metal workers -----	7.850	8.810	-	26¢	8¢	Terrazzo workers' helpers -----	4.330	4.800	-	-	-	-	
Stonemasons -----	7.160	8.160	35¢	45¢	-	Base-machine -----	4.580	5.050	-	-	-	-	
Structural-iron workers -----	7.200	7.950	40¢	30¢	-	Floor grinders -----	4.430	4.900	-	-	-	-	
Tile layers -----	7.035	8.085	-	-	-	Tile layers' helpers -----	4.330	4.800	-	-	-	-	
<u>Helpers and laborers</u>						DALLAS, TEX.							
Bricklayers' tenders -----	5.620	6.520	35¢	40¢	-	<u>Journeymen</u>							
Building laborers -----	5.620	6.520	35¢	40¢	-	Asbestos workers -----	5.725	6.225	15¢	17 1/2¢	-	-	
Elevator constructors' helpers -----	5.200	5.680	17¢	18 1/2¢	(4)	Boilermakers -----	5.500	6.000	30¢	40¢	-	-	
Marble setters' helpers -----	6.290	6.940	-	-	1/2¢	Bricklayers -----	5.985	6.485	20¢	20¢	-	-	
Plasterers' laborers -----	5.620	6.520	35¢	40¢	-	Carpenters -----	5.125	5.650	-	-	-	-	
Plumbers' laborers -----	5.770	6.670	35¢	40¢	-	Millwrights -----	5.850	6.500	-	-	-	-	
Terrazzo workers' helpers -----	6.850	7.600	-	-	-	Cement finishers -----	4.950	5.400	25¢	25¢	-	-	
Tile layers' helpers -----	6.420	7.470	-	-	-	Electricians (inside wiremen) -----	5.725	6.225	27 1/2¢	1% ¹	-	-	
COLUMBUS, OHIO						Elevator constructors -----	5.120	5.660	14 1/2¢	17¢	(4)	1/2¢	
<u>Journeymen</u>						Engineers—Power equipment operators:							
Asbestos workers -----	7.000	7.960	25¢	10¢	-	Building construction:							
Boilermakers -----	5.450	6.800	30¢	50¢	-	Heavy equipment:							
Bricklayers -----	6.100	7.100	20¢	15¢	-	Bulldozers and cats, carryalls, cranes, derricks, draglines, hoists (2 drums or more), mixers (14 cubic feet or more) -----	5.450	5.800	17 1/2¢	17 1/2¢	-	-	
Carpenters -----	5.660	6.510	20¢	20¢	-	Light equipment:							
Millwrights, wharf and bridge -----	5.910	6.760	20¢	20¢	-	Air compressors (single), hoists (1 drum), mixers less than 14 cubic feet, rollers (10 tons or less), scrapers (3cubic yards or less) -----	5.050	5.400	17 1/2¢	17 1/2¢	-	-	
Cement finishers -----	5.450	6.150	30¢	-	-	Glaziers -----	4.550	5.250	-	-	-	-	
Electricians (inside wiremen) -----	6.580	7.680	13¢	1%+20¢	4¢	Lathers -----	4.905	5.505	12 1/2¢	-	-	4¢	
Elevator constructors -----	5.680	6.700	14 1/2¢	17¢	(4)	Machinists -----	5.450	5.750	-	-	-	-	
Engineers—Power equipment operators:						Marble setters -----	5.000	5.250	-	-	-	-	
Building and heavy construction:						Mosaic and terrazzo workers -----	4.650	5.600	-	-	-	-	
Heavy equipment:						Painters -----	5.275	5.485	20¢	20¢	-	-	
Cranes, derricks, power shovels -----	5.480	6.780	28¢	35¢	-	Residential -----	4.400	4.610	20¢	20¢	-	-	
Medium equipment:						Structural steel, swing stage, spray -----	5.650	5.860	20¢	20¢	-	-	
Bulldozers, power graders -----	5.390	6.630	28¢	35¢	-	Paperhangers -----	5.400	5.610	20¢	20¢	-	-	
Trench machine under 24 inches -----	5.250	6.480	28¢	35¢	-	Pipefitters -----	5.670	6.210	20¢	30¢	-	2¢	
Light equipment:						Plasterers -----	4.693	5.193	20¢	-	50¢	4¢	
Compressors, portable -----	5.100	6.480	28¢	35¢	-	Plumbers -----	5.670	6.210	20¢	30¢	-	2¢	
Pumps, 4 inches and over -----	5.100	6.480	28¢	35¢	-								
Roller, asphalt -----	5.100	6.480	28¢	35¢	-								

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
DALLAS, TEX.—Continued						DENVER, COLO.							
<u>Journeyman—Continued</u>						<u>Journeyman</u>							
Rodmen	\$ 5.225	\$ 5.550	15¢	30¢	-	-	Asbestos workers	\$ 5.170	\$ 6.320	22¢	35¢	-	7¢
Roofers, composition	4.100	4.700	-	25¢	-	-	Boilermakers	5.500	5.850	30¢	40¢	-	-
Roofers, slate and tile	4.250	4.850	-	25¢	-	-	Bricklayers	5.700	7.000	30¢	40¢	-	-
Sheet-metal workers	5.450	6.025	20¢	-	-	3¢	Sewer work	5.950	7.250	30¢	40¢	-	-
Stonemasons	5.985	6.485	20¢	20¢	-	-	Carpenters	5.515	6.015	30¢	30¢	20¢	-
Structural-iron workers	5.375	5.675	15¢	30¢	-	-	Residential	4.650	5.150	30¢	30¢	20¢	-
Tile layers	4.650	5.600	-	-	-	-	Millwrights	5.375	5.700	30¢	30¢	20¢	-
<u>Helpers and laborers</u>						<u>Cement finishers</u>							
Bricklayers' tenders	3.590	4.130	12½¢	10¢	-	2¢	Composition floor layers and machine operators	5.275	5.925	25¢	-	60¢	-
Building laborers	3.440	3.880	12½¢	10¢	-	2¢	Electricians (inside wiredmen)	5.670	6.220	22¢	1%	-	-
Elevator constructors' helpers	3.580	3.960	14½¢	17¢	(*)	½¢	Cable splicers	5.920	6.470	22¢	1%	-	-
Plasterers' laborers	3.590	4.130	12½¢	10¢	-	2¢	Residential	4.430	4.500	22¢	1%	-	-
Terrazzo workers' helpers	3.690	4.130	12½¢	10¢	-	2¢	Elevator constructors	5.060	5.690	14½¢	17¢	(*)	½¢
DAYTON, OHIO						<u>Engineers—Power equipment operators:</u>							
<u>Journeyman</u>						<u>Building construction:</u>							
Asbestos workers	6.270	7.270	20¢	20¢	-	-	Medium equipment:						
Boilermakers	5.450	6.800	30¢	50¢	10¢	-	Derricks, multiple- drum hoists	5.050	5.450	20¢	20¢	-	-
Bricklayers	6.850	7.500	25¢	50¢	37¢	-	Shovels	4.800	5.250	20¢	20¢	-	-
Carpenters	6.120	7.120	27¢	55¢	-	-	Tractors	4.800	5.250	20¢	20¢	-	-
Millwrights	6.520	7.720	12¢	10¢	-	3¢	Concrete pavers	4.800	5.250	20¢	20¢	-	-
Cement finishers	6.030	6.530	30¢	-	-	-	Light equipment:						
Electricians (inside wiredmen)	6.360	7.700	25¢	45¢	1%+	-	1-drum hoists	4.650	5.100	20¢	20¢	-	-
Elevator constructors	5.880	6.700	14½¢	17¢	(*)	½¢	Compressors, pumps	4.400	4.800	20¢	20¢	-	-
Engineers—Power equipment operators:							Heavy construction:						
Building and heavy construction:							Heavy equipment:						
Heavy equipment:							Front end loaders	4.650	5.100	20¢	20¢	-	-
Cranes, derrick, power shovels	6.470	7.450	28¢	35¢	-	-	Full type	4.650	5.100	20¢	20¢	-	-
Medium equipment:							Light equipment:						
Bulldozers, power graders	6.090	7.300	28¢	35¢	-	-	Core or diamond drills	4.650	5.100	20¢	20¢	-	-
Trench machine under 24 inches	5.940	7.150	28¢	35¢	-	-	Glaziers	4.960	5.710	-	-	4%	-
Light equipment:							Lathers	5.600	6.460	-	-	40¢	10¢
Compressors, portable	5.340	7.150	28¢	35¢	-	-	Machinists	6.630	7.210	-	15¢	-	-
Pumps (4 inches and over)	5.810	7.150	28¢	35¢	-	-	Marble setters	5.200	5.550	38¢	20¢	25¢	-
Rollers, asphalt	5.810	7.150	28¢	35¢	-	-	Mosaic and terrazzo workers	5.200	5.550	38¢	20¢	25¢	-
Glaziers	6.180	7.080	-	-	-	-	Painters	4.875	5.625	20¢	15¢	-	-
Lathers	5.750	6.750	-	20¢	-	-	Spray	5.355	6.105	20¢	15¢	-	-
Marble setters	5.700	6.500	25¢	50¢	-	-	Paperhangers	5.075	5.825	20¢	15¢	-	-
Mosaic and terrazzo workers	5.700	6.500	25¢	50¢	-	-	Pipefitters	5.510	6.150	25¢	20¢	40¢	10¢
Painters	5.670	6.690	24¢	20¢	-	2¢	Plasterers	5.600	6.460	-	-	20¢	10¢
Swing, scaffold	5.920	7.090	24¢	20¢	-	2¢	Plumbers	5.510	6.150	25¢	20¢	40¢	10¢
Spray	6.070	7.190	24¢	20¢	-	2¢	Rodmen	5.550	6.250	35¢	35¢	-	-
Structural steel, iron and bridge	5.920	7.090	24¢	20¢	-	2¢	Roofers, composition	5.400	6.000	-	-	-	-
Paperhangers	5.920	7.090	24¢	20¢	-	2¢	Roofers, slate and tile	5.400	6.000	-	-	-	-
Pipefitters	6.600	7.650	25¢	45¢	-	5¢	Sheet-metal workers	5.950	6.950	22¢	20¢	-	5¢
Plasterers	5.950	6.950	-	-	-	-	Stonemasons	5.700	7.000	30¢	40¢	-	-
Residential	4.900	5.400	-	-	-	-	Structural-iron workers	5.550	6.250	35¢	35¢	-	-
Plumbers	6.600	7.650	25¢	45¢	-	5¢	Tile layers	5.200	5.550	38¢	20¢	25¢	-
Rodmen	6.150	7.150	25¢	45¢	-	-	<u>Helpers and laborers</u>						
Roofers, composition	5.995	6.995	35¢	25¢	-	5¢	Bricklayers' tenders	4.080	4.280	25¢	20¢	-	8¢
Roofers, slate and tile	6.215	7.215	35¢	25¢	-	5¢	Building laborers	3.750	3.950	25¢	20¢	-	8¢
Sheet-metal workers	6.190	7.290	20¢	30¢	-	9¢	Elevator constructors' helpers	3.540	3.980	14½¢	17¢	(*)	½¢
Stonemasons	6.850	7.500	25¢	50¢	37¢	-	Marble setters' helpers	4.150	4.500	38¢	20¢	-	-
Structural-iron workers	6.150	7.150	25¢	45¢	-	-	Plasterers' laborers	4.080	4.280	25¢	20¢	-	8¢
Tile layers	5.700	6.500	25¢	50¢	-	-	Plumbers' laborers	4.250	4.380	-	10¢	15¢	5¢
<u>Helpers and laborers</u>						<u>Pipelayers (8 inches or over)</u>							
Bricklayers' tenders	5.110	5.910	20¢	15¢	-	2¢	Terrazzo workers' helpers	4.150	4.500	38¢	20¢	25¢	-
Building laborers	4.690	5.390	20¢	15¢	-	2¢	Base and wall machine grinders	4.850	5.200	38¢	20¢	25¢	-
Elevator constructors' helpers	4.120	4.690	14½¢	17¢	(*)	½¢	Floor machine grinders	4.300	4.650	38¢	20¢	25¢	-
Marble setters' helpers	4.210	5.290	25¢	-	-	-	Tile layers' helpers	4.150	4.500	38¢	20¢	25¢	-
Plasterers' laborers	5.110	5.910	20¢	15¢	-	2¢	DES MOINES, IOWA						
Plumbers' laborers	4.690	5.390	20¢	15¢	-	2¢	<u>Journeyman</u>						
Terrazzo workers' helpers	4.210	5.290	25¢	-	-	-	Asbestos workers	5.450	6.100	25¢	15¢	-	-
Base grinders	4.700	5.780	25¢	-	-	-	Boilermakers	5.500	5.850	20¢	40¢	-	-
Tile layers' helpers	4.210	5.290	25¢	-	-	-	Bricklayers	6.000	6.425	20¢	-	-	-
						<u>Carpenters</u>							
						Millwrights							
						Cement finishers							
						Electricians (inside wiredmen)							
						Elevator constructors							

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970				
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹				
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³	
DES MOINES, IOWA—Continued						DETROIT, MICH.—Continued								
Journeyman—Continued						Journeyman—Continued								
Engineers—Power equipment operators:							\$	\$						
Building construction:														
Heavy equipment:														
Cranes and shovels (over 3/4 yard capacity).....	\$ 5.225	\$ 5.525	20¢	20¢	-	-	6.360	6.860	35¢	12%	-	-	5¢	
Paving mixers.....	5.225	5.525	20¢	20¢	-	-	6.720	7.570	30¢	35¢	-	-	13¢	
Sideboom tractors.....	5.225	5.525	20¢	20¢	-	-	7.220	8.070	30¢	35¢	-	-	13¢	
Medium equipment:							6.720	7.570	30¢	35¢	-	-	13¢	
Single-drum hoists.....	5.000	5.300	20¢	20¢	-	-	Sheet-metal workers:							
Compressors (over 250 cubic feet capacity).....	5.000	5.300	20¢	20¢	-	-	Agreement A.....	6.570	7.450	26¢	4%	8%	22¢	
Light equipment:							Agreement B.....	6.470	7.430	45¢	42¢	59¢	-	
Compressors (under 250 cubic feet capacity).....	4.575	4.875	20¢	20¢	-	-	Stonemasons.....	6.600	7.680	40¢	6%	-	10%+9¢	
Firemen.....	4.800	5.100	20¢	20¢	-	-	Structural-iron workers.....	6.750	7.250	7%	12%	13 1/2¢	2¢	
Welding machines.....	4.575	4.875	20¢	20¢	-	-	Riggers.....	5.250	6.000	60¢	\$1.000	10%	-	
Glaziers.....	4.870	5.320	-	-	-	-	Tile layers.....	5.470	7.000	20¢	30¢	50¢	5¢	
Lathers.....	5.425	5.775	-	-	-	-	Helpers and laborers							
Machinists.....	6.450	6.450	21¢	15¢	6%	-	Bricklayers', tenders.....	5.100	5.800	35¢	15¢	14 40¢	-	
Marble setters.....	5.580	5.980	-	-	-	-	Mortar mixers.....	5.130	5.830	35¢	15¢	14 40¢	-	
Mosaic and terrazzo workers.....	5.580	5.980	-	-	-	-	Building laborers:							
Painters.....	4.920	5.270	-	-	12 25¢	-	Agreement A.....	5.050	5.750	35¢	15¢	14 40¢	-	
Spray, structural steel, swing stage.....	5.420	5.770	-	-	12 25¢	-	Agreement B.....	5.050	5.800	35¢	15¢	14 40¢	-	
Paperhangers.....	5.170	5.420	-	-	12 25¢	-	Elevator constructors' helpers.....	4.400	5.610	17¢	18 1/2¢	(*)	1/2¢	
Pipefitters.....	5.570	6.740	30¢	20¢	13 40¢	-	Marble setters' helpers.....	4.350	5.810	20¢	25¢	52¢	-	
Plasterers.....	5.375	5.675	-	-	-	-	Plasterers' laborers.....	5.700	5.700	30¢	20¢	-	7¢	
Plumbers.....	5.750	6.740	30¢	20¢	13 40¢	-	Terrazzo workers' helpers.....	5.410	6.610	20¢	10¢	-	10¢	
Rodmen.....	5.275	5.635	18 1/2¢	25¢	-	-	Base-machine and dry grinders.....	5.810	7.010	20¢	10¢	-	10¢	
Roofers, composition.....	4.800	5.200	-	-	-	-	Tile layers' helpers.....	4.760	5.310	20¢	20¢	50¢	5¢	
Roofers, slate and tile.....	4.800	5.200	-	-	-	-	ERIE, PA.							
Sheet-metal workers.....	5.480	6.270	15¢	20¢	-	-	Journeyman							
Stonemasons.....	6.000	6.425	20¢	-	-	-	Bricklayers.....	7.000	8.000	20¢	-	-	2¢	
Structural-iron workers.....	5.275	5.635	18 1/2¢	25¢	-	-	Carpenters.....	6.065	6.865	20¢	-	-	2 1/2¢	
Tile layers.....	5.580	5.980	-	-	-	-	Millwrights.....	6.215	7.015	20¢	-	-	2 1/2¢	
Helpers and laborers						Helpers and laborers								
Bricklayers' tenders.....	3.960	4.910	15¢	15¢	-	-	Cement finishers.....	5.900	7.050	20¢	-	-	2¢	
Building laborers.....	3.960	4.910	15¢	15¢	-	-	Electricians (inside wiremen).....	6.100	7.200	3%	1%	-	1%	
Elevator constructors' helpers.....	3.850	4.060	16¢	18 1/2¢	(*)	1/2¢	Elevator constructors.....	5.780	6.610	14 1/2¢	17¢	(*)	1/2¢	
Plasterers' laborers.....	4.085	5.035	15¢	-	-	-	Engineers—Power equipment operators:							
Plumbers' laborers.....	4.610	5.060	10¢	-	-	-	Building construction:							
DETROIT, MICH.						DETROIT, MICH.								
Journeyman						Journeyman								
Asbestos workers.....	7.430	8.280	39¢	50¢	-	10¢	Heavy equipment:							
Boilermakers.....	6.300	7.180	30¢	\$1.000	\$1.000	-	Shovels, cranes, ditchers.....	6.670	7.575	25¢	20¢	-	2 1/2¢	
Bricklayers.....	6.600	7.680	40¢	6%	-	10%+9¢	Medium equipment:							
Carpenters.....	7.670	7.360	45¢	6%	14 7%	-	Graders, bulldozers, scoops (carryall).....	6.670	7.575	25¢	20¢	-	2 1/2¢	
Home insulators.....	7.670	7.360	45¢	6%	14 7%	-	Light equipment:							
Millwrights.....	6.750	7.250	40¢	8%	14 17%	-	Compressors, pumps, rollers.....	6.050	6.850	25¢	20¢	-	2 1/2¢	
Cement finishers.....	6.390	6.895	35¢	7 1/2%	14 7%	-	Heavy construction:							
Electricians (inside wiremen).....	7.010	7.850	5%	6%	14 10%	5¢	Heavy equipment:							
Elevator constructors.....	6.280	8.020	17¢	18 1/2¢	(*)	1/2¢	Cranes, shovels, carryall scoops.....	6.670	7.575	25¢	20¢	-	2 1/2¢	
Engineers—Power equipment operators:							Medium equipment:							
Building and heavy construction:							Bulldozers.....	6.670	7.575	25¢	20¢	-	2 1/2¢	
On steel.....	6.860	7.680	35¢	30¢	14 10%	-	Compressors, hoists.....	6.200	6.850	25¢	20¢	-	2 1/2¢	
Compressors.....	6.165	6.980	35¢	30¢	14 10%	-	Light equipment:							
Not on steel.....	6.685	7.265	35¢	30¢	14 10%	-	Rollers, pumps, welders.....	5.650	6.100	25¢	20¢	-	2 1/2¢	
Compressors.....	5.230	6.440	35¢	30¢	14 10%	-	Glaziers.....	6.650	6.000	-	-	-	2¢	
Glaziers.....	6.200	6.920	20¢	25¢	-	9¢	Lathers.....	6.260	7.510	25¢	25¢	-	2 1/2¢	
Lathers.....	6.770	7.670	40¢	40¢	-	7¢	Mosaic and terrazzo workers							
Marble setters.....	6.150	8.040	20¢	40¢	-	50¢	Painters.....	5.750	6.950	20¢	-	-	12¢	
Mosaic and terrazzo workers.....	5.970	6.770	20¢	30¢	50¢	10¢	Painter Roller.....	5.300	5.900	-	-	-	12¢	
Painters.....	6.250	7.000	35¢	50¢	45¢	-	Swing.....	5.400	6.000	-	-	-	12¢	
Spray and swing stage.....	6.750	7.500	35¢	50¢	45¢	-	Spray.....	5.410	6.000	-	-	-	12¢	
Paperhangers.....	6.250	7.000	35¢	50¢	45¢	-	Structural-iron.....	5.680	6.280	-	-	-	12¢	
Pipefitters.....	6.900	7.600	41 1/2¢	38 1/2¢	\$1.050	14¢	Paperhangers.....	5.550	6.150	-	-	-	12¢	
Sprinkler fitters.....	6.790	7.800	15¢	25¢	-	10¢	Pipefitters.....	6.270	7.020	25¢	13¢	-	-	
Plasterers.....	6.070	6.840	38¢	38¢	-	7¢	Plasterers.....	6.150	7.300	20¢	-	-	2¢	
Plumbers.....	6.550	7.650	41 1/2¢	38 1/2¢	\$1.045	6¢	Plumbers.....	6.270	7.020	25¢	13¢	-	-	
							Rodmen.....	6.730	6.900	28¢	69¢	-	-	
							Roofers, composition.....	5.000	5.700	20¢	15¢	-	-	
							Roofers, slate and tile.....	5.000	5.700	20¢	15¢	-	-	
							Sheet-metal workers.....	5.725	6.625	25¢	40¢	-	2¢	
							Stonemasons.....	7.000	8.000	20¢	-	-	2¢	
							Structural-iron workers.....	6.730	6.900	28¢	69¢	-	-	
							Tile layers.....	5.750	6.950	20¢	-	-	2¢	

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
ERIE, PA.—Continued						EVANSVILLE, IND.—Continued							
Helpers and laborers						Journeyman—Continued							
Bricklayers' tenders	\$ 4.980	\$ 5.780	20¢	20¢	-	2¢	Sheet-metal workers	\$ 5.350	\$ 5.350	15¢	-	-	-
Building laborers	4.880	5.680	20¢	20¢	-	2¢	Structural-iron workers	5.900	6.650	25¢	25¢	-	-
Elevator constructors' helpers	4.040	4.630	14½¢	17¢	(*)	½¢	Tile layers	5.200	5.950	-	-	-	-
Marble setters' helpers	5.125	5.975	-	-	-	-	Helpers and laborers						
Plasterers' laborers	5.080	5.880	20¢	20¢	-	2¢	Bricklayers' tenders	4.275	4.750	30¢	20¢	-	2¢
Mortar mixers, hand	5.180	5.980	20¢	20¢	-	2¢	Building laborers	4.025	4.450	30¢	20¢	-	2¢
Plumbers' laborers	4.980	5.780	20¢	20¢	-	2¢	Elevator constructors' helpers	3.696	3.980	17¢	18½¢	(*)	½¢
Terrazzo workers' helpers	5.225	6.700	-	-	-	-	Marble setters' helpers	4.275	4.750	30¢	20¢	-	2¢
Grinders and polishers	5.375	6.700	-	-	-	-	Plasterers' laborers	4.275	4.750	30¢	20¢	-	2¢
Tile layers' helpers	5.125	5.975	-	-	-	-	Plumbers' laborers	4.275	4.650	30¢	20¢	-	2¢
EVANSVILLE, IND.						FRESNO, CALIF.							
Journeyman						Journeyman							
Asbestos workers	5.750	6.500	15¢	10¢	-	-	Asbestos workers	6.670	7.320	40¢	37¢	90¢	3¢
Boilermakers	6.200	6.800	20¢	30¢	-	-	Boilermakers	6.400	6.800	30¢	55¢	40¢	-
Bricklayers	5.950	6.450	25¢	-	-	-	Bricklayers	5.500	6.800	42¢	38¢	-	5¢
Carpenters	5.050	5.700	25¢	20¢	-	3¢	Carpenters	6.205	6.945	45¢	50¢	50¢	1¢
Millwrights, piledrivers	5.300	5.950	25¢	20¢	-	3¢	Floor layers, shinglers	6.355	7.095	45¢	50¢	50¢	1¢
Cement finishers	5.000	5.650	25¢	20¢	-	-	Millwrights	6.505	7.245	45¢	50¢	50¢	1¢
Scaffold and swing	5.250	5.900	25¢	20¢	-	-	Cement finishers	5.370	5.620	36¢	75¢	75¢	-
Electricians (inside wiremen)	5.410	6.060	20¢	1%	-	½¢	Electricians (inside wiremen)	6.420	6.880	28¢	1%+25¢	-	-
Elevator constructors	5.290	5.670	17¢	18½¢	(*)	½¢	Elevator constructors	6.910	7.580	14½¢	17¢	(*)	½¢
Engineers—Power equipment operators:							Engineers—Power equipment operators:						
Building construction:							Building and heavy construction:						
Heavy equipment:							Compressors	5.400	5.780	50½¢	62½¢	14 40¢	-
Cranes, derricks, shovels, draglines	5.480	6.430	15¢	20¢	-	3¢	Compressors (2 or 6)	6.030	6.450	50½¢	62½¢	14 40¢	-
Medium equipment:							Hoists (1 drum)	5.890	6.300	50½¢	62½¢	14 40¢	-
Drill operators, welding machine	4.980	5.780	15¢	20¢	-	3¢	Tractors, dozers, scrapers, sheep foot, self-propelled compactor with dozer and push carts	6.410	6.910	50½¢	62½¢	14 40¢	-
Dredges	5.480	6.430	15¢	20¢	-	3¢	Euclids, T-pulls, DW-10, 20, and 21 and similar (with earthmoving equipment up to and including 45 cubic yards "stuck" MCR)	6.460	6.910	50½¢	62½¢	14 40¢	-
Light equipment:							Tractors (with boom) D-6 or larger, and similar	6.600	7.060	50½¢	62½¢	14 40¢	-
Portable loaders, air compressors (200 or more cubic feet capacity per minute)	4.980	5.780	15¢	20¢	-	3¢	Cranes, not over 25 tons	6.810	7.280	50½¢	62½¢	14 40¢	-
Air compressors (under 200 cubic feet capacity per minute), generators	4.630	5.330	15¢	20¢	-	3¢	Power shovels, clamshells, draglines, backhoes and grad-all's (up to and including 1 yard)	6.810	7.280	50½¢	62½¢	14 40¢	-
Throttle valves	5.480	6.430	15¢	20¢	-	3¢	Over 1 yard and including 7 cubic yards	6.900	7.380	50½¢	62½¢	14 40¢	-
Heavy construction:							Universal Liebherr and tower cranes (and similar types)	6.900	7.380	50½¢	62½¢	14 40¢	-
Heavy equipment:							Glaziers	5.520	5.840	25¢	-	6%	2%
Cranes or derricks with any attachment	5.300	6.000	15¢	20¢	-	-	Lathers	5.650	5.900	15¢	-	-	5¢
Piledrivers, skid or crawler	5.300	6.000	15¢	20¢	-	-	Mosaic and terrazzo workers	5.780	6.020	30¢	-	-	-
Bulldozers	5.300	6.000	15¢	20¢	-	-	Painters	5.770	6.270	20¢	20¢	-	7¢
Medium equipment:							Spray	6.020	6.520	20¢	20¢	-	7¢
High-lift shovels, ½ to 5 yards; tractors, boom push, with scoop	5.300	6.000	15¢	20¢	-	-	Paperhangers	6.020	6.520	20¢	20¢	-	7¢
High-lift shovels, over 5 yards	5.300	6.000	15¢	20¢	-	-	Pipelitters	7.220	7.840	77¢	79¢	-	8¢
Light equipment:							Plasterers	5.000	5.270	28¢	25¢	-	75¢
Air compressors	3.950	4.650	15¢	20¢	-	-	Plumbers	7.220	7.840	77¢	79¢	-	8¢
Portable excavating loaders	4.950	5.650	15¢	20¢	-	-	Rodmen	6.100	6.370	33¢	32½¢	-	25¢
Welding machines	3.950	4.650	15¢	20¢	-	-	Roofers, slate and tile	5.250	5.550	20¢	10¢	-	-
Glaziers	5.175	5.415	26¢	20¢	-	-	Sheet-metal workers	6.000	6.550	38¢	53¢	14 10%	9¢
Lathers	5.250	5.950	-	20¢	-	-	Structural-iron workers	6.230	6.480	33¢	32½¢	-	25¢
Marble setters	5.200	5.950	-	-	-	-	Erectors	6.030	6.280	33¢	32½¢	-	25¢
Mosaic and terrazzo workers	5.200	5.950	-	-	-	-	Tile layers	5.780	6.020	30¢	-	-	-
Painters	4.950	5.550	30¢	-	-	-							
Spray	5.700	6.300	30¢	-	-	-							
Structural steel	5.450	6.350	30¢	-	-	-							
Spray	5.950	7.100	30¢	-	-	-							
Paperhangers	4.950	5.550	30¢	-	-	-							
Pipefitters	5.630	6.930	20¢	30¢	-	4¢							
Plasterers	5.700	5.700	-	-	-	-							
Plumbers	5.630	6.930	20¢	30¢	-	4¢							
Rodmen	5.900	6.650	25¢	25¢	-	-							
Roofers, composition	4.700	4.700	-	15¢	-	2%							
Roofers, slate and tile	5.000	5.000	-	15¢	-	2%							

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970				
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹				
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³	
FRESNO, CALIF.—Continued						HOUSTON, TEX.—Continued								
Helpers and laborers						Journeyman—Continued								
Bricklayers' tenders.....	4.750	5.250	30¢	50¢	50¢	5¢	Engineers—Power equipment operators—Continued							
Building laborers.....	4.675	4.935	40¢	50¢	50¢	4¢	Heavy equipment—Continued							
Elevator constructors' helpers.....	4.840	5.310	14½¢	17¢	(*)	½¢	hoists (2 drums or more), mixers (14 cubic feet or more), piledrivers, shovels.....	5.350	5.600	20¢	30¢	-	-	
Plasterers' laborers.....	4.800	5.900	20¢	40¢	50¢	15¢	Light equipment:							
Terrazzo workers' helpers.....	4.810	4.810	-	25¢	25¢	-	Air compressors, hoists (1 drum), mixers (less than 14 cubic feet), pumps.....	4.770	5.020	20¢	30¢	-	-	
Tile layers' helpers.....	4.730	4.930	25¢	-	25¢	-	Glaziers.....	4.800	5.300	12½¢	10¢	-	-	
GRAND RAPIDS, MICH.						Painters.....								
Journeyman						Industrial.....								
Asbestos workers.....	6.300	6.700	35¢	80¢	50¢	-	Spray.....	5.310	5.710	17½¢	25¢	10¢	½¢	
Bricklayers.....	6.000	6.700	20¢	25¢	-	-	Industrial.....	5.360	5.760	17½¢	25¢	10¢	½¢	
Home builders.....	5.000	5.700	20¢	25¢	-	-	100 feet and over.....	5.560	5.960	17½¢	25¢	10¢	½¢	
Carpenters.....	5.650	6.400	30¢	30¢	-	2¢	Paperhangers.....	5.185	5.435	17½¢	25¢	10¢	½¢	
Millwrights.....	6.600	7.200	30¢	30¢	-	-	Pipefitters.....	5.475	5.925	22½¢	35¢	-	3½¢	
Cement finishers.....	5.960	6.550	22¢	15¢	-	-	Plasterers.....	5.225	5.675	17¢	20¢	-	4¢	
Electricians (inside wiremen).....	6.020	6.520	30¢	1%	-	½¢	Plumbers.....	5.050	5.400	22¢	37¢	50¢	3½¢	
Elevator constructors.....	5.900	6.530	14½¢	17¢	(*)	½¢	Rodmen.....	5.440	6.035	25¢	30¢	-	-	
Engineers—Power equipment operators:							Roofers, composition.....	4.740	5.540	15¢	10¢	15¢	-	
Building and heavy construction:							Roofers, slate and tile.....	5.360	6.150	15¢	10¢	15¢	-	
Air compressors.....	5.420	6.620	35¢	30¢	-	-	Sheet-metal workers.....	5.360	5.685	12½¢	12½¢	15¢	5¢	
Bulldozers, pumps, hoists, tractors.....	6.170	6.620	35¢	30¢	-	-	Stonemasons.....	5.500	5.900	17½¢	30¢	-	-	
Cranes, shovels, piledrivers.....	6.230	7.500	35¢	30¢	-	-	Structural-iron workers.....	5.520	6.075	25¢	30¢	-	-	
Oilers and firemen.....	4.860	6.010	35¢	30¢	-	-	Sheeters and buckers-up.....	5.600	6.105	25¢	30¢	-	-	
Steel erection:							Tile layers.....	5.350	6.000	-	-	10¢	-	
Journeyman.....	6.570	7.850	35¢	30¢	-	-	Helpers and laborers							
Oilers and firemen.....	5.210	6.360	35¢	30¢	-	-	Bricklayers' tenders.....	3.275	4.305	10¢	10¢	-	-	
Glaziers.....	5.000	5.500	17¢	10¢	-	-	Mortar mixers.....	3.375	4.405	10¢	10¢	-	-	
Lathers.....	5.420	5.420	18¢	10¢	-	5¢	Building laborers.....	3.100	4.130	10¢	10¢	-	-	
Marble setters.....	5.750	6.700	20¢	25¢	-	-	Elevator constructors' helpers.....	3.890	3.890	14½¢	17¢	(*)	½¢	
Mosaic and terrazzo workers.....	5.500	5.900	20¢	25¢	-	-	Marble setters' helpers.....	3.500	4.250	-	-	10¢	-	
Painters.....	5.300	5.600	20¢	20¢	-	-	Plasterers' laborers.....	3.375	4.405	10¢	10¢	-	-	
Spray and swing state.....	5.550	5.850	20¢	20¢	-	-	Terrazzo workers' helpers.....	3.500	4.250	-	-	-	-	
Paperhangers.....	5.550	5.850	20¢	20¢	-	-	Base machine.....	3.800	4.550	-	-	10¢	-	
Pipefitters.....	7.090	7.640	28¢	25¢	-	4¢	Floor machine.....	3.650	4.400	-	-	10¢	-	
Plasterers.....	5.770	6.770	22¢	15¢	-	-	Tile layers' helpers.....	3.500	4.250	-	-	10¢	-	
Plumbers.....	7.090	7.640	28¢	25¢	-	4¢	INDIANAPOLIS, IND.							
Rodmen.....	6.750	7.550	25¢	25¢	-	2¢	Journeyman							
Roofers, composition.....	5.250	5.250	15¢	10¢	15¢	-	Asbestos workers.....	6.300	7.200	20¢	20¢	-	6¢	
Roofers, slate and tile.....	5.500	5.500	15¢	10¢	15¢	-	Boilermakers.....	6.200	6.800	20¢	30¢	-	-	
Sheet-metal workers.....	5.850	6.600	30¢	25¢	34¢	4¢	Bricklayers.....	6.700	7.100	-	20¢	-	-	
Stonemasons.....	6.000	6.700	20¢	25¢	-	-	Carpenters.....	5.475	6.900	32¢	20¢	-	3¢	
Structural-iron workers.....	6.850	7.650	25¢	25¢	-	2¢	Cement finishers.....	5.830	5.880	15¢	-	-	-	
Tile layers.....	5.500	5.900	20¢	25¢	-	-	Electricians (inside wiremen).....	6.100	6.850	2%	2½%	-	-	
Helpers and laborers						Engineers—Power equipment operators:								
Bricklayers' tenders.....	4.260	4.510	30¢	20¢	-	-	Building construction:							
Mortar mixers.....	4.410	4.660	30¢	20¢	-	-	Heavy equipment:							
Building laborers.....	4.260	4.510	30¢	20¢	-	-	Cranes.....	5.760	6.710	15¢	20¢	-	3¢	
Elevator constructors' helpers.....	4.130	4.570	14½¢	17¢	(*)	½¢	Derricks—Bull wheels.....	5.760	6.710	15¢	20¢	-	3¢	
Marble setters' helpers.....	4.460	5.210	25¢	10¢	-	-	Hoists.....	5.660	6.660	15¢	20¢	-	3¢	
Plasterers' laborers.....	4.260	4.660	30¢	20¢	-	-	Medium equipment:							
Terrazzo workers' helpers.....	4.460	5.210	25¢	10¢	-	-	Concrete mixers (21 cubic feet).....	5.610	6.560	15¢	20¢	-	3¢	
Base-machine.....	4.810	5.560	25¢	10¢	-	-	Concrete pumps, tractor shovels.....	5.660	6.660	15¢	20¢	-	3¢	
Tile layers' helpers.....	4.460	5.210	25¢	10¢	-	-	Light equipment:							
HOUSTON, TEX.						Heavy equipment:								
Journeyman						Air compressors, pumps (water), welding machines.....								
Asbestos workers.....	5.950	6.320	27½¢	30¢	-	-	4.000	4.950	15¢	20¢	-	3¢		
Boilermakers.....	5.500	6.000	30¢	40¢	-	-	Heavy construction:							
Bricklayers.....	5.500	5.900	17½¢	30¢	-	-	Heavy equipment:							
Carpenters.....	5.100	5.500	20¢	22¢	-	-	Auto patrols, scoops, cranes.....	5.300	6.000	15¢	20¢	-	3¢	
Millwrights.....	5.220	5.470	33¢	17¢	-	-								
Cement finishers.....	5.000	5.250	30¢	35¢	-	2¢								
Electricians (inside wiremen).....	5.660	5.960	25¢	15¢	22½¢	½¢								
Elevator constructors.....	5.560	5.560	14½¢	17¢	(*)	½¢								

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in

68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969	July 1, 1970					Trade or occupation	July 1, 1969	July 1, 1970				
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
INDIANAPOLIS, IND.—						JACKSON, MISS.—							
Continued						Continued							
<u>Journeymen—Continued</u>						<u>Journeymen—Continued</u>							
Engineers—Power equipment operators—Continued						Plumbers -----	\$ 4.700	\$ 5.300	10¢	-	-	6¢	
Building construction—Continued						Rodmen -----	4.700	5.300	10¢	-	-	6¢	
Heavy construction—Continued						Roofers, composition -----	3.900	4.400	-	-	-	-	
Medium equipment:						Sheet-metal workers -----	4.950	5.200	20¢	-	-	-	
Bulldozers -----	\$ 5.300	\$ 6.000	15¢	20¢	-	Stonemasons -----	4.750	5.150	-	-	-	-	
Trench machines -----	4.950	5.650	15¢	20¢	-	Structural-iron workers -----	4.850	5.300	10¢	-	-	6¢	
Light equipment:						<u>Helpers and laborers</u>							
Compressors, pumps -----	3.950	4.650	15¢	20¢	-	Bricklayers' tenders -----	2.600	2.850	-	-	-	-	
Tractors -----	4.600	5.300	15¢	20¢	-	Mortar mixers -----	2.700	2.950	-	-	-	-	
Glaziers -----	6.170	6.970	-	-	-	Building laborers -----	2.450	2.700	-	-	-	-	
Lathers -----	5.850	6.450	20¢	-	-	Air tool -----	2.700	2.950	-	-	-	-	
Marble setters -----	6.200	6.600	-	20¢	-	Composition roofers' helpers -----	3.100	3.500	-	-	-	-	
Mosaic and terrazzo workers -----	5.600	6.600	-	20¢	-	Elevator constructors' helpers -----	3.260	3.570	14 1/2¢	17¢	(*)	1/2¢	
Painters -----	5.150	6.000	20¢	20¢	-	Plasterers' laborers -----	2.600	2.850	-	-	-	-	
Spray -----	5.900	6.800	20¢	20¢	-	JACKSONVILLE, FLA.							
Paperhangers -----	5.150	6.000	20¢	20¢	-	<u>Journeymen</u>							
Pipefitters -----	6.000	6.850	20¢	35¢	-	Asbestos workers -----	4.980	5.480	20¢	15¢	25¢	-	
Plasterers -----	5.950	6.600	25¢	-	8¢	Boilermakers -----	5.100	5.350	20¢	40¢	-	-	
Plumbers -----	6.000	7.050	30¢	15¢	-	Bricklayers -----	4.700	4.950	15¢	-	-	-	
Rodmen -----	6.450	7.200	25¢	45¢	-	Carpenters -----	4.500	4.640	19¢	15¢	15¢	-	
Roofers, composition -----	5.720	6.490	15¢	15¢	-	Millwrights -----	4.970	5.230	19¢	15¢	-	-	
Roofers, slate and tile -----	5.970	6.740	15¢	15¢	-	Cement finishers -----	4.150	4.350	-	-	-	-	
Sheet-metal workers -----	6.030	6.880	30¢	30¢	-	Electricians (inside wiremen) -----	5.150	5.550	15¢	1%	-	-	
Stonemasons -----	6.700	7.100	20¢	20¢	-	Elevator constructors -----	4.830	5.270	14 1/2¢	17¢	(*)	1/2¢	
Structural-iron workers -----	6.450	7.200	25¢	45¢	-	<u>Engineers—Power equipment operators:</u>							
Tile layers -----	6.200	6.600	-	20¢	-	Air compressors:							
<u>Helpers and laborers</u>						2 or more -----							
Bricklayers' tenders -----	4.100	4.500	13¢	20¢	-	Bulldozers -----	4.600	5.300	25¢	20¢	-	-	
Building laborers -----	4.000	4.400	13¢	20¢	-	Cranes, derricks, drag-lines, piledrivers -----	5.060	6.060	25¢	20¢	-	-	
Composition roofers' helpers -----	4.370	5.140	15¢	15¢	-	Graders, motor patrol -----	5.060	6.060	25¢	20¢	-	-	
Elevator constructors' helpers -----	4.430	4.450	14 1/2¢	17¢	(*)	Hoists -----	4.600	5.300	25¢	20¢	-	-	
Marble setters' helpers -----	4.800	5.450	-	-	1/2¢	Rollers -----	3.650	3.900	25¢	20¢	-	-	
Plasterers' laborers -----	4.100	4.500	13¢	20¢	-	Scrapers -----	4.600	5.300	25¢	20¢	-	-	
Terrazzo workers' helpers -----	4.700	5.450	-	-	-	Shovels -----	5.060	6.060	25¢	20¢	-	-	
Base-machine -----	5.100	5.700	-	-	-	Tractors -----	4.140	4.640	25¢	20¢	-	-	
Floor machine and easing -----	4.900	5.450	-	-	-	Glaziers -----	4.500	4.850	-	-	-	-	
Tile layers' helpers -----	4.800	5.450	-	-	-	Lathers -----	4.400	4.950	-	10¢	26¢	5¢	
JACKSON, MISS.						JACKSONVILLE, FLA.							
<u>Journeymen</u>						<u>Journeymen</u>							
Asbestos workers -----	5.650	6.000	15¢	-	-	Marble setters -----	4.330	4.680	15¢	-	-	-	
Bricklayers -----	4.750	5.150	-	-	-	Mosaic and terrazzo workers -----	4.330	4.680	15¢	-	-	-	
Carpenters -----	4.550	4.700	-	-	-	Painters -----	4.450	4.950	5¢	10¢	-	-	
Residential -----	4.350	4.500	-	-	3¢	Structural steel erected, swing stage -----	4.975	5.475	5¢	10¢	-	-	
Millwrights, piledrivers -----	4.800	4.950	-	-	3¢	Spray -----	4.975	5.475	5¢	10¢	-	-	
Cement finishers -----	4.800	4.450	-	-	-	Paperhangers -----	4.450	4.950	5¢	10¢	-	-	
Machinemen -----	4.250	4.650	-	-	-	Furnish own handtools -----	4.700	5.200	5¢	10¢	-	-	
Electricians (inside wiremen) -----	5.500	6.000	-	1%	-	Pipefitters -----	5.250	6.250	15¢	25¢	25¢	10¢	
Elevator constructors -----	4.660	5.100	14 1/2¢	17¢	(*)	Plasterers -----	4.400	5.300	-	-	-	5¢	
<u>Engineers—Power equipment operators:</u>						Plumbers -----							
Building construction:						Rodmen -----	5.250	6.250	15¢	25¢	25¢	10¢	
Air compressors -----	3.450	3.850	15¢	20¢	-	Roofers, composition -----	4.300	4.400	10¢	-	-	5¢	
Cranes, bulldozers, derricks, draglines, piledrivers, hoists (2 drums), scrapers, shovels -----	4.500	4.900	15¢	20¢	-	Roofers, slate and tile -----	4.300	4.400	10¢	-	-	5¢	
Hoists (1 drum), mixers, rollers, finishing machines -----	4.100	4.500	15¢	20¢	-	Sheet-metal workers -----	4.950	5.300	15¢	25¢	20¢	-	
Pumps -----	3.450	3.850	15¢	20¢	-	Stonemasons -----	4.700	4.950	15¢	-	-	-	
Concrete -----	4.100	4.500	15¢	20¢	-	Structural-iron workers -----	5.250	6.050	42¢	25¢	-	-	
Glaziers -----	3.900	4.250	-	-	-	Tile layers -----	4.330	4.680	15¢	-	-	-	
Lathers -----	4.500	4.900	-	-	-	<u>Helpers and laborers</u>							
Painters -----	3.850	4.250	15¢	-	-	Bricklayers' tenders -----	2.800	3.050	-	-	-	-	
Spray -----	4.350	4.250	15¢	-	-	Mortar mixers -----	2.800	3.050	-	-	-	-	
Structural steel -----	4.100	4.200	15¢	-	-	Building laborers -----	2.500	2.750	-	-	-	-	
Spray -----	4.600	5.000	15¢	-	-	Power tools -----	2.700	2.950	-	-	-	-	
Swing stage -----	4.100	4.200	15¢	-	-	Composition roofers' helpers -----	2.400	2.520	10¢	-	-	5¢	
Paperhangers -----	3.850	4.250	15¢	-	-	Elevator constructors' helpers -----	3.380	3.690	14 1/2¢	17¢	(*)	1/2¢	
Pipefitters -----	5.650	6.000	-	-	-	Plasterers' laborers -----	2.800	3.050	-	-	-	-	
Plasterers -----	4.500	5.000	-	-	-	KANSAS CITY, MO.							
<u>Journeymen</u>						<u>Journeymen</u>							
Asbestos workers -----	6.250	6.250	25¢	30¢	-	Asbestos workers -----	6.250	6.250	25¢	30¢	-	5¢	
Boilermakers -----	5.500	5.850	20¢	40¢	-	Boilermakers -----	5.500	5.850	20¢	40¢	-	-	

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in

68 cities, July 1, 1969-70-Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
KANSAS CITY, MO.— Continued						KNOXVILLE, TENN.— Continued							
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>							
Bricklayers.....	\$ 5.475	\$ 5.475	10¢	-	-	5¢	Cement finishers.....	\$ 4.300	\$ 4.300	-	-	-	-
Carpenters.....	5.000	6.250	23¢	15¢	-	-	Electricians (inside wiremen).....	5.150	5.700	-	1%	-	-
Cement finishers.....	4.775	5.475	10¢	15¢	-	5¢	Elevator constructors.....	4.900	5.180	14½¢	17¢	(*)	½¢
Composition.....	4.900	5.400	10¢	15¢	-	5¢	Engineers—Power equipment operators:						
Electricians (inside wiremen).....	5.800	6.200	15¢	20¢	30¢	10¢	Group A:						
Elevator constructors.....	5.650	6.310	14½¢	17¢	(*)	½¢	Cranes, derricks, bulldozers, draglines, hoists (any size handling steel or stone), piledrivers, shovels, scrapers, winch trucks with A-Frame.....	4.650	5.000	-	20¢	-	-
Engineers—Power equipment operators:							Group B:						
Building construction:							Central compressor plants, central mixing plants, hoists (not handling steel or stone), trenching machines.....	4.400	4.750	-	20¢	-	-
Heavy equipment:							Group C:						
Cranes, power shovels.....	6.100	7.150	25¢	25¢	50¢	-	Air compressors (portable—2 or 3), finishing machines, mixers (over 2 bags not to include central plants), pumps (2 or 3), tractors.....	3.650	4.000	-	20¢	-	-
Hoists, 3 drums or more.....	6.600	7.150	25¢	25¢	50¢	-	Group D:						
Medium equipment:							Air compressors (1 portable), pumps (1)....	3.350	3.700	-	20¢	-	-
Bulldozers, forklifts (all types), hoists (1 drum).....	6.350	7.150	25¢	25¢	50¢	-	Glaziers.....	3.850	4.400	-	10¢	-	-
Light equipment:							Lathers.....	4.675	4.900	-	10¢	-	3¢
Finishing machine....	6.100	6.900	25¢	25¢	50¢	-	Marble setters.....	5.670	6.020	-	-	-	2¢
Oiler-Driver.....	5.800	6.600	25¢	25¢	50¢	-	Mosaic and terrazzo workers.....	5.670	6.020	-	-	-	2¢
Tractors, less than 50 horsepower (except when haul- ing material).....	5.550	6.650	25¢	25¢	50¢	-	Painters.....	4.450	4.750	-	20¢	-	2¢
Heavy construction:							Industrial.....	4.800	5.100	-	20¢	-	2¢
Heavy equipment:							Bridge, over 50 feet.....	5.150	5.450	-	20¢	-	2¢
Draglines, shovels, dredges (steam, gas, Diesel), piledrivers.....	4.450	7.150	25¢	25¢	50¢	-	Pipefitters.....	5.100	6.000	20¢	30¢	20¢	4¢
Medium equipment:							Plasterers.....	4.900	5.200	-	-	-	-
Bulldozers.....	4.250	7.150	25¢	25¢	50¢	-	Plumbers.....	5.100	6.000	20¢	30¢	20¢	4¢
Hoists (1 drum).....	4.100	6.900	25¢	25¢	50¢	-	Rodmen.....	4.900	5.250	12½¢	-	-	-
Tractors, over 50 horsepower.....	4.250	6.900	25¢	25¢	50¢	-	Roofers, composition.....	4.210	4.500	-	10¢	-	-
Light equipment:							Roofers, slate and tile.....	4.260	4.550	-	10¢	-	-
Siphons and jets.....	4.100	6.650	25¢	25¢	50¢	-	Sheet-metal workers.....	4.900	5.300	20¢	-	-	-
Subgrading machine....	4.025	6.650	25¢	25¢	50¢	-	Stonemasons.....	5.670	6.020	-	-	-	2¢
Tractors, less than 50 horsepower.....	3.615	6.650	25¢	25¢	-	-	Structural-iron workers.....	5.000	5.350	12½¢	-	-	-
Glaziers.....	5.370	5.920	20¢	10¢	4%	-	Tile layers.....	5.670	6.020	-	-	-	2¢
Lathers.....	4.850	5.450	10¢	-	-	7½¢							
Machinists.....	5.450	5.750	-	-	-	-	<u>Helpers and laborers</u>						
Marble setters.....	6.275	6.925	3.65%	3.25%	-	1%	Building laborers.....	3.250	3.600	-	-	-	1¢
Mosaic and terrazzo workers.....	6.275	6.925	3.65%	3.25%	-	1%	Composition roofers' helpers.....	3.290	3.380	-	10¢	-	-
Painters.....	5.440	6.520	20¢	20¢	-	-	Elevator constructors' helpers.....	3.430	3.360	14½¢	17¢	(*)	½¢
Paperhangers.....	5.940	7.020	20¢	20¢	-	-	Plasterers' laborers.....	3.400	3.750	-	-	-	1¢
Pipefitters.....	6.700	7.420	30½¢	50¢	-	11¢							
Sprinkler fitters.....	6.810	7.710	20¢	30¢	-	5¢	<u>LITTLE ROCK, ARK.</u>						
Plasterers.....	5.275	5.675	15¢	-	-	10¢	<u>Journeyman</u>						
Plumbers.....	6.250	7.600	27½¢	35¢	-	6¢	Asbestos workers.....	5.500	6.000	15¢	-	-	-
Rodmen.....	4.875	6.850	25¢	25¢	-	-	Boilermakers.....	5.500	6.000	30¢	40¢	-	-
Roofers, composition.....	4.700	5.320	18¢	22½¢	-	-	Bricklayers.....	4.850	5.100	15¢	-	-	-
Roofers, slate and tile.....	4.700	5.320	18¢	22½¢	-	-	Carpenters.....	4.450	4.600	25¢	-	-	-
Sheet-metal workers.....	6.125	6.775	25¢	10¢	10¢	10¢	Residential.....	4.200	4.350	25¢	-	-	-
Structural-iron workers.....	5.025	7.000	25¢	25¢	-	-	Millwrights.....	4.700	4.850	25¢	-	-	-
Tile layers.....	6.275	6.925	3.65%	3.65%	-	1%	Cement finishers.....	4.300	4.550	-	-	-	-
							Electricians (inside wiremen).....	5.250	5.650	-	1%	-	-
<u>Helpers and laborers</u>							Elevator constructors.....	4.590	5.190	14½¢	17¢	(*)	½¢
Bricklayers' tenders.....	3.955	4.950	15¢	15¢	-	-	Engineers—Power equipment operators:						
Building laborers.....	3.710	4.710	15¢	15¢	-	-	Air compressors:						
Elevator constructors' helpers.....	3.955	4.420	14½¢	17¢	(*)	½¢	Under 365 c.f.m.....	3.450	3.650	-	15¢	-	-
Marble setters' helpers.....	4.130	4.730	-	-	-	-	365 c.f.m. and over.....	3.650	3.900	-	15¢	-	-
Plasterers' laborers.....	3.955	4.950	15¢	15¢	-	-	Bulldozers.....	4.300	4.550	-	15¢	-	-
Plumbers' laborers.....	3.805	4.805	15¢	15¢	-	-	Cranes, derricks, draglines.....	4.500	4.850	-	15¢	-	-
Terrazzo workers' helpers.....	4.250	4.650	-	-	-	-	Graders.....	4.300	4.550	-	15¢	-	-
Base-machine.....	4.600	5.000	-	-	-	-							
Tile layers' helpers.....	4.130	4.730	-	-	-	-							
KNOXVILLE, TENN.													
<u>Journeyman</u>													
Asbestos workers.....	5.250	5.650	20¢	15¢	-	-							
Boilermakers.....	5.100	5.350	20¢	40¢	-	-							
Bricklayers.....	5.670	6.020	-	-	-	2¢							
Carpenters.....	4.850	5.485	-	-	-	-							
Millwrights.....	5.025	5.485	-	-	-	-							
Piledrivers.....	5.150	5.485	-	-	-	-							

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969	July 1, 1970				Trade or occupation	July 1, 1969	July 1, 1970			
	Rate per hour	Rate per hour	Employer contributions to fund ¹				Rate per hour	Rate per hour	Employer contributions to fund ¹		
			Insur- ance ²	Pen- sion	Vaca- tion pay				Other ³	Insur- ance ²	Pen- sion
LITTLE ROCK, ARK.—Continued						LOS ANGELES, CALIF.—Continued					
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>					
Engineers—Power equipment operators—Continued						Engineers—Power equipment operators—Continued					
Hoists:						Heavy construction:					
1 drum						Heavy equipment:					
2 drums or more						Tractors (bulldozers, tampers, scrapers, or drag-type shovels)					
Mixers:						Medium equipment:					
Less than 10S						Concrete and mobile mixers					
10S or larger						Light equipment:					
Pumps						Skip loaders (wheel type)					
Rollers						Skip loaders (Hough or similar)					
Shovels						Glaziers					
Trench machines						Lathers:					
Glaziers						Metal					
Lathers						Nail on					
Marble setters						Machinists					
Mosaic and terrazzo workers						Marble setters					
Painters						Mosaic and terrazzo workers					
Residential						Painters					
Spray						Spray					
Structural steel, swing stage						Swing stage					
Paperhangers						Spray					
Pipefitters						Structural steel:					
Plasterers						Bridge					
Plumbers						Swing					
Rodmen						Paperhangers					
Roofers, composition						Pipefitters					
Roofers, slate and tile						Refrigeration fitters					
Sheet-metal workers						Sprinkler fitters					
Stonemasons						Plasterers					
Structural-iron workers						Plumbers					
Tile layers						Rodmen					
<u>Helpers and laborers</u>						<u>Helpers and laborers</u>					
Bricklayers' tenders						Bricklayers' tenders					
Building laborers						Building laborers					
Elevator constructors' helpers						Elevator constructors' helpers					
Plasterers' laborers						Marble setters' helpers					
Plumbers' laborers						Plasterers' laborers					
LOS ANGELES, CALIF.						LOUISVILLE, KY.					
<u>Journeyman</u>						<u>Journeyman</u>					
Asbestos workers						Asbestos workers					
Boilermakers						Boilermakers					
Bricklayers						Bricklayers					
Carpenters						Carpenters					
Millwrights, parquetry floor layers						Millwrights					
Wharf and bridge, shinglers, and piledrivers						Cement finishers					
Cement finishers						Composition and mastic					
Composition and mastic						Electricians (inside wiremen)					
Electricians (inside wiremen)						Elevator constructors					
Elevator constructors						Engineers—Power equipment operators:					
Engineers—Power equipment operators:						Building construction:					
Building construction:						Heavy equipment:					
Heavy equipment:						Universal equipment (shovels, draglines, derricks, derrick barges, clamshells or cranes)					
Universal equipment (shovels, draglines, derricks, derrick barges, clamshells or cranes)						Tractors (bulldozers, tampers, scrapers, or drag-type shovels)					
Tractors (bulldozers, tampers, scrapers, or drag-type shovels)						Medium equipment:					
Medium equipment:						A-Frame boom trucks					
A-Frame boom trucks						Motor patrols, including power blades					
Motor patrols, including power blades						Light equipment:					
Light equipment:						Air compressors					
Air compressors						Concrete mixers (skip type)					
Concrete mixers (skip type)						Asbestos workers					
						Boilermakers					
						Bricklayers					
						Carpenters					
						Millwrights					
						Cement finishers					
						On scaffold					
						Electricians (inside wiremen)					
						Elevator constructors					
						Engineers—Power equipment operators:					
						Building and heavy construction:					
						Heavy equipment:					
						Bulldozers					
						Cranes, hoists, shovels					
						Medium equipment:					
						Compressors, mixers					
						Firemen					

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in

68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
LOUISVILLE, KY.— Continued						LUBBOCK, TEX.— Continued							
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>							
Engineers—Power equipment operators—Continued							Stonemasons -----	\$ 5.250	\$ 5.500	-	-	-	-
Building and heavy construction—Continued							Structural-iron workers -----	4.550	4.875	25¢	30¢	-	-
Light equipment:							<u>Helpers and laborers</u>						
Oilers -----	\$ 4.200	\$ 4.600	15¢	20¢	-	-	Bricklayers' tenders -----	2.450	3.000	-	-	-	-
Pumps -----	4.200	4.600	15¢	20¢	-	-	Building laborers -----	2.350	2.900	-	-	-	-
Roller, earth -----	4.200	4.600	15¢	20¢	-	-	Elevator constructors' helpers -----	3.580	3.960	14½¢	17¢	(*)	½¢
Glaziers -----	4.950	5.500	30¢	30¢	-	-	Plasterers' laborers -----	2.450	3.000	-	-	-	-
Lathers -----	5.190	5.840	-	20¢	-	6¢	Plumbers' laborers -----	2.350	3.000	-	-	-	-
Machinists -----	5.350	6.600	-	-	(16)	-	MADISON, WIS.						
Marble setters -----	5.305	5.885	14½¢	25¢	-	-	<u>Journeyman</u>						
Mosaic and terrazzo workers -----	5.305	5.885	14½¢	25¢	-	-	Asbestos workers -----	6.330	6.930	30¢	25¢	35¢	-
Painters -----	4.440	4.890	15¢	10¢	-	3¢	Boilermakers -----	5.850	5.850	20¢	40¢	-	-
Spray -----	4.890	5.340	15¢	10¢	-	3¢	Bricklayers -----	6.050	6.550	15¢	-	-	-
Stage, structural steel -----	4.790	5.240	15¢	10¢	-	3¢	Carpenters -----	5.050	5.950	25¢	15¢	-	-
Pipefitters -----	5.650	6.250	20¢	50¢	40¢	8¢	Millwrights and piledrivers -----	5.200	6.100	25¢	15¢	-	-
Plasterers -----	5.270	5.770	-	-	-	6¢	Cement finishers -----	5.200	5.600	15¢	20¢	-	-
Plumbers -----	5.630	6.230	20¢	25¢	65¢	10¢	Electricians (inside wiremen) -----	6.640	6.640	-	1%	-	-
Rodmen -----	6.150	7.100	25¢	45¢	-	-	Elevator constructors -----	6.040	6.040	12½¢	15½¢	(*)	½¢
Roofers, composition -----	4.550	5.050	-	-	-	-	Engineers—Power equipment operators:						
Roofers, slate and tile -----	4.950	5.450	-	-	-	-	Building and heavy construction:						
Sheet-metal workers -----	5.800	6.500	30¢	30¢	-	7¢	Heavy equipment:						
Stonemasons -----	6.435	6.885	14½¢	25¢	-	4¢	Cranes, derricks, shovels, trench machines (large) -----	5.840	7.040	25¢	25¢	-	5¢
Structural-iron workers -----	6.150	7.100	25¢	45¢	-	-	Medium equipment:						
Tile layers -----	5.305	5.885	14½¢	25¢	-	-	Hoists (double), mixers on building when paver is used, tractors or bulldozers (over 40 horse-power) -----	5.840	6.790	25¢	25¢	-	5¢
<u>Helpers and laborers</u>						<u>Helpers and laborers</u>							
Bricklayers' tenders -----	4.350	5.200	15¢	25¢	-	2¢	Hoists (single), mixers on buildings, tractors (under 40 horse-power) -----	5.440	6.490	25¢	25¢	-	5¢
Building laborers -----	4.150	4.850	15¢	25¢	-	2¢	Trench machines (small) -----	5.440	6.490	25¢	25¢	-	5¢
Elevator constructors' helpers -----	3.790	4.445	14½¢	17¢	(*)	½¢	Light equipment:						
Marble setters' helpers -----	4.200	5.000	-	-	-	-	Air compressors -----	5.040	6.060	25¢	25¢	-	5¢
Terrazzo workers' helpers -----	4.200	5.000	-	-	-	-	Pumps (well points) -----	5.440	6.490	25¢	25¢	-	5¢
Base grinders -----	4.500	5.300	-	-	-	-	Pump operators -----	4.990	5.940	25¢	25¢	-	5¢
Flat grinders -----	4.300	5.100	-	-	-	-	Glaziers -----	4.750	5.200	25¢	20¢	20¢	-
Tile layers' helpers -----	4.200	5.000	-	-	-	-	Lathers -----	5.080	5.780	20¢	15¢	-	-
LUBBOCK, TEX.						LUBBOCK, TEX.							
<u>Journeyman</u>						<u>Journeyman</u>							
Asbestos workers -----	5.650	6.150	30¢	25¢	-	-	Machinists -----	6.450	6.750	10¢	-	-	-
Boilermakers -----	5.500	6.000	30¢	40¢	-	-	Mosaic and terrazzo workers -----	5.500	6.250	15¢	-	-	-
Bricklayers -----	5.250	5.500	-	-	-	-	Painters -----	4.780	5.180	30¢	30¢	20¢	5¢
Carpenters -----	4.150	4.850	-	-	-	-	Structural steel -----	4.930	5.330	30¢	30¢	20¢	5¢
Electricians (inside wiremen) -----	5.050	5.600	20¢	1%	-	½¢	Structural steel bridges -----	5.530	5.930	30¢	30¢	20¢	5¢
Elevator constructors -----	5.120	5.660	14½¢	17¢	(*)	½¢	Spray -----	5.530	5.930	30¢	30¢	20¢	5¢
Engineers—Power equipment operators:							Swing stage -----	5.030	5.430	30¢	30¢	20¢	5¢
Air compressors:							Paperhangers -----	5.080	5.580	30¢	30¢	20¢	5¢
1 -----	4.775	5.175	30¢	20¢	-	-	Pipefitters -----	5.870	6.670	45¢	27¢	-	¼¢
2 -----	5.175	5.575	30¢	20¢	-	-	Plasterers -----	5.200	6.200	15¢	20¢	-	-
Bulldozers, cranes, derricks, draglines -----	5.175	5.575	30¢	20¢	-	-	Plumbers -----	5.920	6.670	20¢	30¢	27¢	1%
Hoists:							Rodmen -----	5.650	6.325	25¢	12½¢	-	-
1 drum -----	4.775	5.175	30¢	20¢	-	-	Roofers, composition -----	5.200	5.200	-	-	-	-
2 drums -----	5.175	5.575	30¢	20¢	-	-	Sheet-metal workers -----	5.600	6.400	25¢	15¢	30¢	-
Mixers:							Structural-iron workers -----	5.650	6.325	25¢	12½¢	-	-
Less than 14 cubic feet -----	4.775	5.175	30¢	20¢	-	-	Tile layers -----	5.500	6.000	15¢	-	-	-
14 cubic feet and over -----	5.175	5.575	30¢	20¢	-	-	<u>Helpers and laborers</u>						
Pumps:							Bricklayers' tenders -----	4.500	5.200	15¢	15¢	15¢	-
1 -----	4.775	5.175	30¢	20¢	-	-	Mortar mixers -----	4.650	5.350	15¢	15¢	15¢	-
2 or more -----	5.175	5.575	30¢	20¢	-	-	Building laborers -----	4.500	5.200	15¢	15¢	15¢	-
Rollers:							Elevator constructors' helpers -----	4.228	4.228	12½¢	15½¢	(*)	½¢
Less than 10 tons -----	4.775	5.175	30¢	20¢	-	-	Plasterers' laborers -----	4.650	5.350	15¢	15¢	15¢	-
10 tons or over -----	5.175	5.575	30¢	20¢	-	-	Plumbers' laborers -----	4.500	5.200	15¢	15¢	15¢	-
Scrapers, shovels, trench machines -----	5.175	5.575	30¢	20¢	-	-	Terrazzo workers' helpers -----	4.900	5.600	-	-	-	-
Lathers -----	4.500	5.375	12½¢	-	-	4¢	Base-machine -----	5.200	5.900	-	-	-	-
Marble setters -----	5.250	5.500	-	-	-	-	Tile layers' helpers -----	4.800	5.500	-	-	-	-
Painters -----	4.125	4.375	-	-	-	-							
Spray -----	4.775	5.025	-	-	-	-							
Paperhangers -----	4.250	4.500	-	-	-	-							
Pipefitters -----	4.750	5.300	-	25¢	-	-							
Plasterers -----	4.500	5.000	-	-	-	4¢							
Plumbers -----	4.750	5.300	-	25¢	-	-							
Rodmen -----	4.550	4.875	25¢	30¢	-	-							
Sheet-metal workers -----	5.900	5.900	-	-	-	-							

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970				
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹				
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³	
MEMPHIS, TENN.						MILWAUKEE, WIS.—Continued								
Journeyman						Journeyman—Continued								
Asbestos workers	4.850	5.400	20¢	12½¢	-	-	Engineers—Power equipment operators—Continued							
Boilermakers	5.100	5.350	20¢	40¢	-	-	Building construction—Continued							
Bricklayers	5.800	6.150	20¢	20¢	-	-	Medium equipment:							
Pointers and caulkers	5.550	5.900	20¢	20¢	-	-	Mixers	5.520	6.590	25¢	25¢	-	5¢	
Carpenters	4.650	5.150	15¢	-	-	-	Mixers when pavers are used, hi-lifts	5.740	6.890	25¢	25¢	-	5¢	
Cement finishers	4.320	5.120	15¢	-	-	-	Tractors or bulldozers:							
Machine	4.570	5.370	15¢	-	-	-	Under 40 horsepower	5.520	6.490	25¢	25¢	-	5¢	
Electricians (inside wiremen)	5.280	5.730	25¢	1%	-	-	Over 40 horsepower	5.740	6.790	25¢	25¢	-	5¢	
Elevator constructors	5.260	5.550	14½¢	17¢	(*)	½¢	Light equipment:							
Engineers—Power equipment operators:							Firemen (piledriver)	5.410	6.100	25¢	25¢	-	5¢	
Class A:							Pumps	5.250	5.940	25¢	25¢	-	5¢	
Cranes, derricks, draglines, hoists (3 drums), piledrivers trench machines (18 inches or over), shovels	4.425	4.825	15¢	20¢	-	-	Air compressors	5.300	5.940	25¢	25¢	-	5¢	
Class B-1:							Heavy construction:							
Bulldozers, graders (blade), hoists (2 drums) scrapers, trenchmachines under 18 inches	4.175	4.700	15¢	20¢	-	-	Heavy equipment:							
Class B-2:							Cranes, derricks, shovels	5.900	7.040	25¢	25¢	-	5¢	
Class B-2: Hoists (1 drum)	3.900	4.400	15¢	20¢	-	-	Medium equipment:							
Class C:							Tractors or bulldozers:							
Air compressors (stationary), finishing machines	3.300	3.700	15¢	20¢	-	-	Under 40 horsepower	5.520	6.490	25¢	25¢	-	5¢	
Mixer (11-S or smaller), pumps (over 4 inches)	3.300	3.700	15¢	20¢	-	-	Over 40 horsepower	5.740	6.790	25¢	25¢	-	5¢	
Tractors (40 horsepower or less)	3.300	3.700	15¢	20¢	-	-	Mixers	5.520	6.590	25¢	25¢	-	5¢	
Class D:							Mixers, when pavers are used	5.740	6.890	25¢	25¢	-	5¢	
Air compressors (portable)	2.900	3.300	15¢	20¢	-	-	Scrapers	5.740	6.790	25¢	25¢	-	5¢	
Glaziers	4.550	5.150	-	20¢	-	-	Light equipment:							
Lathers	4.500	4.800	20¢	-	50¢	3¢	Air compressors	5.300	5.940	25¢	25¢	-	5¢	
Marble setters	4.600	4.750	20¢	-	-	-	Pumps and oilers	5.250	5.940	25¢	25¢	-	5¢	
Mosaic and terrazzo workers	4.600	4.750	20¢	-	-	-	Glaziers	4.900	5.500	45¢	40¢	50¢	-	
Painters	4.800	5.150	-	20¢	-	-	Lathers	5.320	5.770	30¢	25¢	65¢	3¢	
Spray, industrial	5.000	5.400	-	20¢	-	-	Machinists	6.450	6.750	-	-	(16)	-	
Paperhangers	4.800	5.150	-	20¢	-	-	Marble setters	5.570	5.570	35¢	25¢	35¢	-	
Pipefitters	5.440	6.400	30¢	30¢	-	5¢	Mosaic and terrazzo workers	5.920	5.920	30¢	25¢	23¢	2¢	
Plasterers	4.800	5.500	-	3¢	-	-	Painters	5.460	6.160	40¢	25¢	25¢	-	
Plumbers	5.540	6.440	5¢	15¢	-	5¢	Swing stage:							
Rodmen	4.925	5.575	20¢	15¢	-	-	To 80 feet	5.610	6.310	40¢	25¢	25¢	2¢	
Roofers, composition	4.000	4.350	-	10¢	-	-	80 feet or over	5.710	6.510	40¢	25¢	25¢	2¢	
Roofers, slate and tile	4.250	4.600	-	10¢	-	-	Spray	5.810	6.510	40¢	25¢	25¢	2¢	
Sheet-metal workers	5.250	5.700	20¢	15¢	15¢	5¢	Structural steel	5.710	6.410	40¢	25¢	25¢	2¢	
Stonemasons	5.800	6.150	20¢	20¢	-	-	Pipefitters	6.270	6.870	30¢	25¢	35¢	6½¢	
Structural-iron workers	4.925	5.575	20¢	15¢	-	-	Sprinkler fitters	6.780	7.280	25¢	30¢	-	2¢	
Sheeters	5.175	5.825	20¢	15¢	-	-	Plasterers	5.320	5.770	40¢	40¢	40¢	3¢	
Tile layers	4.600	4.750	20¢	-	-	-	Plumbers	6.270	6.870	30¢	25¢	35¢	5¢	
Helpers and laborers						Helpers and laborers								
Bricklayers' tenders	3.650	3.850	-	-	-	-	Rodmen	5.860	6.410	30¢	25¢	50¢	3¢	
Building laborers	2.575	2.775	-	-	-	-	Roofers, composition	5.520	5.970	30¢	25¢	50¢	4¢	
Motor buggies	2.725	2.925	-	-	-	-	Mastic	5.720	6.170	30¢	25¢	50¢	4¢	
Composition roofers' helpers	2.575	2.775	-	-	-	-	Roofers, slate and tile	5.670	6.120	30¢	25¢	50¢	4¢	
Elevator constructors' helpers	3.680	3.885	14½¢	17¢	(*)	½¢	Sheet-metal workers	5.960	6.560	20¢	25¢	50¢	3¢	
Plasterers' laborers	3.650	3.850	-	-	-	-	Stonemasons	6.190	6.640	40¢	25¢	55¢	4¢	
Plumbers' laborers	2.575	2.775	-	-	-	-	Structural-iron workers	5.860	6.410	30¢	25¢	50¢	3¢	
MILWAUKEE, WIS.						Helpers and laborers								
Journeyman						Bricklayers' tenders								
Asbestos workers	6.330	6.930	30¢	25¢	35¢	-	Hod carriers and mortar mixers	4.930	5.380	25¢	25¢	50¢	4¢	
Boilermakers	5.850	5.850	20¢	40¢	-	-	Building laborers	4.930	5.380	25¢	25¢	50¢	4¢	
Bricklayers	6.190	6.640	40¢	25¢	55¢	4¢	Composition roofers' helpers	4.140	4.180	30¢	25¢	50¢	4¢	
Carpenters	5.710	6.160	30¢	25¢	50¢	4¢	Elevator constructors' helpers	3.980	4.480	14½¢	17¢	(*)	½¢	
Millwrights	5.910	6.290	30¢	25¢	50¢	4¢	Marble setters' helpers	4.870	5.120	20¢	25¢	45¢	-	
Cement finishers	5.400	5.900	30¢	25¢	50¢	3¢	Plasterers' laborers	5.140	5.590	25¢	25¢	50¢	4¢	
Machine work	5.550	6.050	30¢	25¢	50¢	3¢	Plumbers' laborers:							
Mastic, marquette and composition floors and roofs	5.510	6.010	30¢	25¢	50¢	3¢	First man (drain layer)	5.240	5.690	25¢	25¢	50¢	4¢	
Electricians (inside wiremen)	5.870	6.280	22¢	1%+26¢	40½¢	1%	Second man	5.130	5.580	25¢	25¢	50¢	4¢	
Elevator constructors	5.680	6.400	14½¢	17¢	(*)	½¢	Terrazzo workers' helpers	5.100	5.750	30¢	25¢	(17)	-	
Engineers—Power equipment operators:							Base-machine	5.300	5.950	30¢	25¢	(17)	-	
Building construction:							Tile layers' helpers	4.870	5.120	20¢	25¢	45¢	-	
Heavy equipment:														
Cranes, derricks, shovels	5.900	7.040	25¢	25¢	-	5¢								

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
MINNEAPOLIS-ST. PAUL, MINN.							MINNEAPOLIS-ST. PAUL, MINN.—Continued						
(Scales are the same for both cities unless otherwise indicated)							Helpers and laborers—Continued	\$	\$				
Journeyman							Building laborers -----	4.250	5.300	30¢	30¢	30¢	5¢
Asbestos workers -----	5.550	7.050	22¢	35¢	50¢	-	Composition roofers' helpers -----	5.180	6.290	24¢	15¢	25¢	-
Boilermakers -----	5.500	5.850	20¢	40¢	-	-	Elevator constructors' helpers: -----						
Bricklayers -----	5.600	6.775	27½¢	20½¢	~7½¢	-	First 6 months -----	2.915	3.615	17¢	18½¢	-	½¢
Carpenters -----	5.330	6.730	30¢	15¢	50¢	-	After 6 months -----	4.030	5.060	17¢	18½¢	(*)	½¢
Cement finishers -----	5.500	6.700	35¢	25¢	-	-	Marble setters' helpers -----	4.540	5.920	22¢	50¢	-	5¢
Composition -----	5.750	6.950	35¢	25¢	-	-	Plasterers' laborers: -----						
Electricians (inside wiremen):							Minneapolis -----	4.770	6.220	20¢	-	-	7¢
Minneapolis -----	5.900	7.100	4%	3%	7½%	¼%	St. Paul -----	4.460	5.570	30¢	30¢	40¢	5¢
St. Paul -----	6.000	7.100	3½%	2.75%	5.89%	4½%	Plumbers' laborers: -----						
Elevator constructors -----	5.830	7.230	17¢	18½¢	(*)	½¢	Minneapolis: -----						
Engineers—Power equipment operators:							First man -----	4.750	5.700	30¢	30¢	30¢	-
Building construction:							Second man -----	4.550	5.500	30¢	30¢	30¢	-
Heavy equipment:							Terrazzo workers' helpers:						
Cranes, shovels, derricks -----	5.800	7.100	15¢	25¢	-	-	1 year of seniority -----	5.010	6.410	-	-	-	10¢
Pumpcretes -----	5.680	6.980	15¢	25¢	-	-	2 years of seniority -----	5.080	6.480	-	-	-	10¢
Medium equipment:							Base-machine:						
Hoists, 1 drum -----	5.600	6.900	15¢	25¢	-	-	1 year of seniority -----	5.340	6.740	-	-	-	10¢
Mixers, concrete over 16S -----	5.600	6.900	15¢	25¢	-	-	2 years of seniority -----	5.410	6.810	-	-	-	10¢
Welders, mechanics -----	5.680	6.980	15¢	25¢	-	-	Tile layers' helpers -----	4.540	5.290	22¢	50¢	-	5¢
Light equipment:													
Compressors -----	5.050	6.350	15¢	25¢	-	-	NEWARK, N. J.						
Oilers -----	4.600	5.900	15¢	25¢	-	-	Journeyman						
Heavy construction:							Asbestos workers -----	5.900	6.240	7%	6%	9%	-
Derricks, dredges, shovels (up to 3 yards) -----	5.150	6.500	15¢	25¢	-	-	Boilermakers -----	7 6.500	7.750	8%	7%	8%	-
Medium equipment:							Bricklayers -----	7 6.750	7.800	35¢	35¢	-	3¢
Graders (finishing), motor patrols -----	5.150	6.500	15¢	25¢	-	-	Carpenters -----	7 6.710	7.810	6%	6%	-	-
Scrapers -----	5.030	6.330	15¢	25¢	-	-	Wharf and bridge -----	6.650	7.150	55¢	98¢	41¢	1¢
Welders, mechanics -----	4.930	6.230	15¢	25¢	-	-	Home insulators -----	4.600	4.800	-	-	20¢	-
Light equipment:							Cement finishers -----	7 6.750	7.800	35¢	35¢	-	3¢
Loaders, Barber -----	4.280	5.680	15¢	25¢	-	-	Electricians (inside wiremen) -----	6.750	7.250	4%	6%	14 10%	-
Greene -----	4.170	5.450	15¢	25¢	-	-	Elevator constructors -----	7 5.960	7.210	17¢	90¢	(*)	2¢
Pumps, operators -----	4.950	5.850	15¢	10¢	25¢	-	Engineers—Power equipment operators:						
Glaziers -----	4.950	5.850	15¢	10¢	25¢	-	Building construction:						
Lathers:							Heavy equipment:						
Minneapolis -----	5.400	7.030	20¢	-	-	7¢	Power shovels, cranes -----	7.750	8.350	7%	7%	-	10%+2¢
St. Paul -----	4.900	6.280	20¢	-	50¢	5¢	Power cranes (steel erection) -----	8.400	9.750	7%	7%	-	10%+2¢
Machinists -----	5.500	6.000	-	-	(18)	-	Trench machines, paving mixers -----	7.750	8.350	7%	7%	-	10%+2¢
Marble setters -----	5.025	7.250	27¢	20½¢	-	-	Medium equipment:						
Mosaic and terrazzo workers -----	5.730	7.130	19¢	-	30¢	10¢	Hoists (single or double drum) -----	6.850	7.600	7%	7%	-	10%+2¢
Painters:							Central power plants -----	7.750	8.350	7%	7%	-	10%+2¢
Brush:							Concrete tower hoists -----	6.850	7.190	7%	7%	-	10%+2¢
Minneapolis -----	5.400	6.880	15¢	-	20¢	-	Light equipment:						
St. Paul -----	5.140	6.430	25¢	15¢	-	-	Air compressors (single) -----	6.800	7.150	7%	7%	-	10%+2¢
Structural steel; spray swing:							Pumps and small mixers -----	6.800	7.150	7%	7%	-	10%+2¢
Minneapolis -----	5.900	6.350	15¢	-	20¢	-	Concrete pumps -----	6.800	7.150	7%	7%	-	10%+2¢
St. Paul -----	5.440	6.930	25¢	15¢	-	-	Heavy construction:						
Paperhangers:							Heavy equipment:						
Minneapolis -----	5.400	6.850	15¢	-	20¢	-	Power shovels, cranes, draglines--	7.750	8.350	7%	7%	-	10%+2¢
St. Paul -----	5.140	6.430	25¢	15¢	-	-	Piledriving machines -----	7.750	8.350	7%	7%	-	10%+2¢
Pipefitters:							Backhoes, concrete pavers -----	7.750	8.350	7%	7%	-	10%+2¢
Minneapolis -----	5.740	7.290	33¢	30¢	-	6¢	Medium equipment:						
St. Paul -----	5.800	6.900	33¢	30¢	39¢	5¢	Caisson and shaft hoists -----	6.850	7.600	7%	7%	-	10%+2¢
Sprinkler fitters -----	6.470	7.470	20¢	30¢	-	-	Excavating carry-alls -----	7.050	7.600	7%	7%	-	10%+2¢
Plasterers:							Light equipment:						
Minneapolis -----	5.050	6.430	20¢	-	40¢	7¢	Small mixers, pumps -----	6.800	7.600	7%	7%	-	10%+2¢
St. Paul -----	4.850	6.130	35¢	-	55¢	5¢	Front end loaders and conveyors -----	6.800	7.150	7%	7%	-	10%+2¢
Plumbers:							Concrete pumps -----	6.800	7.150	7%	7%	-	10%+2¢
Minneapolis -----	5.740	6.840	33¢	30¢	45¢	3¢	Glaziers -----	6.300	6.610	30¢	54¢	-	-
St. Paul -----	5.800	6.900	33¢	30¢	42¢	2¢	Lathers -----	5.950	6.650	25¢	25¢	-	15¢
Rodmen -----	5.750	6.950	20¢	25¢	-	-	Machinists -----	6.820	7.170	40¢	-	-	-
Roofers, composition -----	5.530	6.640	24¢	15¢	25¢	-	Mosaic and terrazzo workers -----	7 6.900	7.300	36½¢	36½¢	-	1½¢+30¢
Roofers, slate and tile -----	5.530	6.640	24¢	15¢	25¢	-							
Sheet-metal workers:													
Minneapolis -----	5.460	7.610	24¢	20¢	-	4¢							
St. Paul -----	5.260	6.960	24¢	30¢	-	4¢							
Stonemasons -----	5.600	6.775	27½¢	20½¢	~7½¢	-							
Structural-iron workers -----	5.750	6.950	30¢	25¢	-	-							
Tile layers -----	5.440	6.590	22¢	50¢	-	5¢							
Helpers and laborers													
Bricklayers' tenders -----	4.350	5.400	30¢	30¢	30¢	5¢							
Mortar mixers -----	4.400	5.450	30¢	30¢	30¢	5¢							

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
NEWARK, N. J.—Continued						NEW HAVEN, CONN.—Continued							
Journeyman—Continued						Helpers and laborers							
Painters.....	\$ 5.600	\$ 6.000	32¢	43¢	-	-	Bricklayers' tenders.....	\$ 4.300	\$ 5.000	25¢	15¢	-	-
Structural steel	6.200	6.600	32¢	43¢	-	-	Building laborers.....	4.300	5.000	25¢	15¢	-	-
Pipefitters.....	6.450	7.450	5%	6%	10%	1%	Elevator constructors ¹						
Sprinkler fitters.....	6.690	7.190	15¢	20¢	-	3¢	helpers.....	3.955	4.610	17¢	18½¢	(*)	½¢
Plasterers.....	6.750	7.800	35¢	35¢	-	5¢	Marble setters' helpers.....	4.650	6.150	20¢	15¢	-	-
Plumbers.....	6.450	7.250	35¢	75¢	65¢	9¢	Plasterers' laborers.....	4.300	5.000	25¢	15¢	-	-
Rodmen.....	7.200	8.000	7%	10%	9%	-	Terrazzo workers ¹						
Roofers, composition.....	6.660	7.370	35¢	30¢	-	-	helpers.....	4.650	6.150	20¢	15¢	-	-
Sheet-metal workers.....	6.700	7.400	3%	3%	6%	4¢	Tile layers' helpers.....	4.650	6.150	20¢	15¢	-	-
Stonemasons.....	6.750	7.800	35¢	35¢	-	3¢							
Structural-iron workers.....	7.200	8.000	7%	10%	9%	-	NEW ORLEANS, LA.						
Tile layers.....	6.160	6.360	40¢	30½¢	10¢	3¢	Journeyman						
Helpers and laborers						Asbestos workers.....							
Bricklayers' tenders.....	75.000	75.850	40¢	30¢	-	5¢	Boilermakers.....	5.550	5.900	25¢	60¢	-	-
Building laborers.....	75.000	75.850	40¢	30¢	-	5¢	Bricklayers.....	5.500	6.000	30¢	40¢	-	-
Elevator constructors ¹							Carpenters.....	5.330	5.750	20¢	15¢	-	-
helpers.....	74.470	75.400	17¢	90¢	(*)	2¢	Cement finishers.....	5.320	5.720	20¢	10¢	-	-
Plasterers' laborers.....	75.000	75.850	40¢	30¢	-	5¢	Millwrights.....	5.605	6.005	20¢	10¢	-	-
Terrazzo workers ¹							Piledrivers.....	5.420	5.820	20¢	10¢	-	-
helpers.....	76.080	76.330	36½¢	36½¢	30¢	17½¢	Cement finishers.....	4.800	5.180	19½¢	25¢	-	-
Tile layers' helpers.....	4.900	5.450	6%	5%	-	1%	Electricians (inside wiremen).....	5.950	6.700	12½¢	10¢	-	-
NEW HAVEN, CONN.						Elevator construction.....							
Journeyman						5.495 5.770 16¢ 18½¢ (*) ½¢							
Asbestos workers.....	76.115	77.115	17½¢	17½¢	-	-	Engineers—Power equipment operators:						
Bricklayers.....	5.950	6.550	20¢	15¢	-	-	Building and heavy construction:						
Carpenters.....	5.650	6.050	20¢	20¢	-	-	Heavy equipment:						
Cement finishers.....	5.950	6.550	20¢	15¢	-	-	Bulldozers (D6 and larger), cranes, derricks, draglines, hoists (2 drums), mixers (over 16S), piledrivers, scrapers, shovels, trench machines.....						
Electricians (inside wiremen).....	195.950	197.050	20¢	20¢	19¢	-	5.500 6.020 10¢ 15¢ - -						
Elevator constructors.....	5.650	6.580	17¢	18½¢	(*)	½¢	Light equipment:						
Engineers—Power equipment operators:							Air compressors, bulldozers (smaller than D6), finishing machines, mixers (16S and smaller), pumps (over 3 inches).....						
Building construction:							4.675 5.195 10¢ 15¢ - 12½¢ - -						
Heavy equipment:							Glaziers.....						
Cranes, steel.....	6.350	6.850	20¢	15¢	-	15¢	4.555 5.015 17¢ 10¢ - 12½¢ - -						
Shovels.....	6.250	6.750	20¢	15¢	-	15¢	Lathers.....						
Derricks.....	6.350	6.850	20¢	15¢	-	15¢	4.680 5.180 10¢ 15¢ - - -						
Medium equipment:							Machinists.....						
Pitman machine.....	5.730	6.230	20¢	15¢	-	15¢	5.000 5.100 15¢ 10¢ - (20) - -						
Compressors.....	5.730	6.230	20¢	15¢	-	15¢	Marble setters.....						
Bulldozers.....	5.800	6.300	20¢	15¢	-	15¢	5.330 5.750 20¢ 15¢ - - -						
Light equipment:							Mosaic and terrazzo workers.....						
Well point system, welding machines.....	5.730	6.230	20¢	15¢	-	15¢	4.650 5.300 - - - -						
Small concrete mixers:							Painters.....						
5 bags and over.....	5.750	6.250	20¢	15¢	-	15¢	4.000 4.375 12½¢ - - - -						
Heavy construction:							Spray, structural steel, swing stage.....						
Heavy equipment:							4.375 4.750 12½¢ - - - -						
Shovels, piledrivers, draglines.....	6.250	6.750	20¢	15¢	-	15¢	Industrial.....						
Medium equipment:							5.250 5.625 12½¢ - - - -						
Pumpcretes, Euclid loaders, joy drill operators.....	6.000	6.500	20¢	15¢	-	15¢	Paperhangers.....						
Light equipment:							4.000 4.375 12½¢ - - - -						
Well point system.....	5.730	6.230	20¢	15¢	-	15¢	Pipefitters.....						
Power chippers.....	5.450	5.950	20¢	15¢	-	15¢	5.830 6.300 20¢ 25¢ - 13¢ -						
Pump operators.....	5.370	5.870	20¢	15¢	-	15¢	Plasterers.....						
Lathers.....	5.620	6.870	13¢	20¢	-	3¢	4.700 5.200 15¢ 10¢ - - 6¢ -						
Marble setters.....	5.950	6.550	20¢	15¢	-	-	Plumbers.....						
Mosaic and terrazzo workers.....	5.950	6.550	20¢	15¢	-	-	5.830 6.300 20¢ 25¢ - - 13¢ -						
Painters.....	4.950	6.000	20¢	25¢	-	-	Rodmen.....						
Structural steel and bridge.....	7.420	8.500	20¢	25¢	-	-	5.570 5.970 15¢ 15¢ - - -						
Paperhangers.....	5.450	6.500	20¢	25¢	-	-	Roofers, composition.....						
Pipefitters.....	195.950	196.350	20¢	20¢	-	-	4.600 5.100 30¢ 32½¢ - - 20¢ -						
Plasterers.....	5.950	6.550	20¢	15¢	-	-	Roofers, slate and tile.....						
Plumbers.....	195.950	196.350	20¢	20¢	-	-	4.600 5.100 30¢ 32½¢ - - 20¢ -						
Rodmen.....	7.050	8.050	40¢	44¢	-	-	Sheet-metal workers.....						
Roofers, composition.....	76.350	77.450	50¢	30¢	-	-	5.530 6.030 15¢ 22½¢ - - 15¢ -						
Roofers, slate and tile.....	76.600	77.700	50¢	30¢	-	-	Stonemasons.....						
Pre-cast slabbers.....	77.050	77.950	50¢	30¢	-	-	5.700 6.100 15¢ 15¢ - - -						
Sheet-metal workers.....	76.650	77.250	20¢	26¢	-	2¢	Structural-iron workers.....						
Stonemasons.....	5.950	6.550	20¢	15¢	-	-	5.700 6.100 15¢ 15¢ - - -						
Structural-iron workers.....	7.050	8.050	40¢	44¢	-	-	Tile layers.....						
Tile layers.....	5.950	6.550	20¢	15¢	-	-	4.650 5.300 - - - -						
Helpers and laborers						Helpers and laborers							
Bricklayers' tenders.....	3.580	3.580	10¢	10¢	-	-	Bricklayers' tenders.....	3.580	3.580	10¢	10¢	-	-
Mortar mixers.....	3.680	3.680	10¢	10¢	-	-	Mortar mixers.....	3.680	3.680	10¢	10¢	-	-
Building laborers.....	3.460	3.810	10¢	10¢	-	-	Building laborers.....	3.460	3.810	10¢	10¢	-	-
Elevator constructors ¹							Elevator constructors ¹						
helpers.....	3.850	4.040	16¢	18½¢	(*)	½¢	helpers.....	3.850	4.040	16¢	18½¢	(*)	½¢
Marble setters' helpers.....	3.200	3.850	-	-	-	-	Marble setters' helpers.....	3.200	3.850	-	-	-	-
Polishers.....	3.600	4.250	-	-	-	-	Polishers.....	3.600	4.250	-	-	-	-
Plasterers' laborers.....	3.585	3.585	10¢	10¢	-	-	Plasterers' laborers.....	3.585	3.585	10¢	10¢	-	-
Mortar mixers (machine).....	3.685	3.685	10¢	10¢	-	-	Mortar mixers (machine).....	3.685	3.685	10¢	10¢	-	-
Terrazzo workers ¹							Terrazzo workers ¹						
helpers.....	3.200	3.850	-	-	-	-	helpers.....	3.200	3.850	-	-	-	-
Base machine.....	3.600	4.250	-	-	-	-	Base machine.....	3.600	4.250	-	-	-	-
Floor machine.....	3.350	4.000	-	-	-	-	Floor machine.....	3.350	4.000	-	-	-	-
Tile layers' helpers.....	3.200	3.850	-	-	-	-	Tile layers' helpers.....	3.200	3.850	-	-	-	-

Table 15. Wage rates, hours, and employer contributions to selected funds in

68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970					Trade or occupation	July 1, 1969		July 1, 1970				
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour		Rate per hour	Employer contribution to fund ¹					
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³		
NEW YORK, N. Y.						NEW YORK, N. Y.— Continued									
<u>Journeyman</u>						<u>Journeyman—Continued</u>									
Asbestos workers	\$ 7.750	\$ 7.500	4%	8½%	-	6½%+1¢	Roofers, slate and tile	\$ 7.120	\$ 7.800	50¢	25¢	70¢	-		
Boilermakers	7.660	7.680	5%	15%	5%	-	Brooklyn, Queens, and Long Island	7.100	7.750	8%	50¢	5%	-		
Bricklayers	7.450	7.950	65¢	\$1.650	30¢	1¢	Sheet-metal workers	7.150	7.550	3%+20¢	3%+20¢	2%	5¢		
Carpenters	7.650	7.150	55¢	98¢	35¢	5¢	Stonemasons	7.250	7.250	4%	-	-	-		
Wharf and bridge	6.650	7.150	55¢	98¢	41¢	1¢	New York and Long Island (stone setters)	7.260	7.260	5%	4%+5¢	-	-		
Cement finishers	7.590	7.950	62½¢	97½¢	\$1.000	3¢	Structural-iron workers	7.230	8.180	7%	10%+5¢	9%	1¢		
Electricians (inside wiremen)	21.150	21.700	4½%	80¢	5%	1%+40¢	Finishers	7.400	7.900	6%	7%+80¢	8%	-		
Elevator constructors	7.590	7.210	17¢	90¢	(4)	1¢	Tile layers	6.160	6.360	40¢	30½¢	10¢	3¢		
Engineers—Power equipment operators:							<u>Helpers and laborers</u>								
Building construction:							Bricklayers' tenders	7.500	7.500	47½¢	91¢	-	5¢		
Heavy equipment:							Building laborers	7.850	7.900	25¼¢	25¼¢	40¢	3¢		
Steel erection							Excavating laborers	5.450	5.950	80¢	44¢	-	1¢		
Concrete buckets (stone derricks)	7.600	8.050	5%	5%+35¢	35¢	3¢	Elevator constructors' helpers	7.470	7.500	17¢	90¢	(4)	1¢		
Hoists	7.450	7.890	5%	5%+35¢	35¢	3¢	Marble setters' helpers	23.980	23.530	6%	6½%	-	2%		
Scrapers, tournapulls motor patrol	6.670	7.400	5%	5%+35¢	35¢	3¢	Plasterers' laborers	23.850	23.200	45¢	35¢	-	-		
Medium equipment:							Brooklyn	7.570	7.600	95¢	-	50¢	10¢		
Welding machines, compressors	6.950	7.290	5%	5%+35¢	35¢	3¢	Queens	23.000	23.000	\$1.100	-	50¢	10¢		
Plaster (platform machines)	7.190	7.590	5%	5%+35¢	35¢	3¢	Plumbers' laborers	5.450	5.950	80¢	44¢	-	1¢		
Bull dozers, tractors, locomotives (10 tons and under), road finishing machines, mixers under 21E	6.550	7.270	5%	5%+35¢	35¢	-	Terrazzo workers' helpers	7.080	7.330	36½¢	36½¢	-	1½%+31¢		
Heavy construction:							Tile layers' helpers	4.600	5.000	35¢	72¢	-	-		
Heavy equipment:							NORFOLK, VA.								
Shovels	7.610	8.060	5%	5%+35¢	35¢	3¢	<u>Journeyman</u>								
Piledrivers	7.330	7.730	5%	5%+35¢	35¢	3¢	Asbestos workers	4.900	5.400	20¢	15¢	-	5¢		
Cranes (digging bucket)	7.460	7.900	5%	5%+35¢	35¢	3¢	Boilermakers	5.200	6.400	30¢	60¢	-	-		
Scrapers, tournapulls motor patrol	6.670	7.400	5%	5%+35¢	35¢	3¢	Bricklayers	5.000	5.500	10¢	20¢	-	-		
Medium equipment:							Carpenters	4.250	4.750	-	-	-	-		
Cranes (structural steel)	7.600	8.050	5%	5%+35¢	35¢	3¢	Millwrights	5.550	6.000	-	-	-	-		
Mixers (concrete) and powerhouses	7.070	7.440	5%	5%+35¢	35¢	3¢	Piledrivers	3.900	4.500	-	-	-	-		
Bulldozers, tractors, locomotives (10 tons and under), road finishing machines, mixers under 21E	6.550	7.270	5%	5%+35¢	35¢	3¢	Cement finishers	3.750	4.100	-	-	-	-		
Light equipment:							Machinemen	3.850	4.200	-	-	-	-		
Compressors (portable, 3 or more in battery) double- drum hoists, pumps (concrete)	6.940	7.300	5%	5%+35¢	35¢	3¢	Electricians (inside wiremen)	5.150	5.750	25¢	19¢	-	-		
Glaziers	7.620	7.600	6%	6%+60¢	14.5%	-	Elevator constructors	4.705	5.090	14½¢	17¢	(4)	½¢		
Lathers:							Engineers—Power equipment operators:								
Wood:							Building construction:								
Bronx, Manhattan, and Richmond	7.500	7.500	-	25¢	-	12%	Air compressors, larger than 125 cubic feet	3.050	3.150	12½¢	10¢	-	-		
Brooklyn	7.950	7.500	8%	6%+50¢	70¢	-	Bulldozers	3.800	3.900	12½¢	10¢	-	-		
Queens	7.950	7.000	11%+8¢	22.50¢	1.80¢	10¢	Cranes, derricks, piledrivers	4.550	4.800	12½¢	10¢	-	-		
Metal	7.200	7.200	55½¢	\$1.065	70¢	1¢	Hoists:								
Machinists	7.650	7.150	\$1.900	-	-	-	1 drum	3.050	3.150	12½¢	10¢	-	-		
Marble setters	7.650	7.000	6%	6½%	-	2%	2 drums or more	4.550	4.800	12½¢	10¢	-	-		
Mosaic and terrazzo workers	7.900	7.300	36½¢	36½¢	-	31¢	Motor graders	3.800	3.900	12½¢	10¢	-	-		
Painters	7.520	7.500	6%	6%+43¢	3%	-	Mixers:								
Swing stage	7.943	7.170	6%	6%+43¢	3%	-	16S or smaller	3.050	3.150	12½¢	10¢	-	-		
Decorators and grainers	7.500	7.500	6%	5%+43¢	3%	-	Larger than 16S	3.800	3.900	12½¢	10¢	-	-		
Structural steel	7.620	7.400	10%	11%	-	-	Pumps:								
Pipefitters	7.630	7.655	7%	13%	10%	57¢	2 inches and under	3.050	3.150	12½¢	10¢	-	-		
Plasterers:							Over 2 inches	3.050	3.150	12½¢	10¢	-	-		
Jamaica	23.250	23.500	30¢	24.90¢	(24)	10¢	Rollers, earth	3.050	3.150	12½¢	10¢	-	-		
Bronx, Manhattan, and Richmond	23.250	23.500	75¢	95¢	-	10¢	Trench machines	3.800	3.900	12½¢	10¢	-	-		
Queens	23.300	23.500	\$1.350	35¢	-	10¢	Glaziers	4.040	4.540	7¢	10¢	-	-		
Flushing	23.250	23.500	95¢	35¢	-	10¢	Lathers	4.800	5.590	-	15¢	-	-		
Brooklyn	23.250	23.500	50¢	30¢	20¢	11¢	Marble setters	4.000	4.500	10¢	20¢	-	-		
Plumbers	7.600	7.020	\$1.600	(25)	28¢	28¢	Mosaic and terrazzo workers	4.000	4.500	10¢	20¢	-	-		
Richmond	7.700	7.300	35¢	40¢	77¢	69¢	Painters	4.100	4.700	-	20¢	-	-		
Brooklyn and Queens	7.230	7.500	47¢	\$1.420	26¢	20¢	Structural steel	4.600	5.200	-	20¢	-	-		
Rodmen	7.200	7.200	55½¢	\$1.065	70¢	1¢	Spray	4.450	5.050	-	20¢	-	-		
Roofers, composition	7.610	7.700	5%	\$1.300	-	50¢	Paperhangers	4.450	5.050	-	20¢	-	-		

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in

68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
NORFOLK, VA.—Continued						OMAHA, NEBR.							
<u>Helpers and laborers</u>						<u>Journeyman</u>							
Bricklayers' tenders.....	\$ 2.200	\$ 2.700	10¢	-	-	3¢	Asbestos workers.....	\$ 5.650	\$ 6.705	25¢	25¢	4½%	-
Hod carriers and mortar mixers.....	2.350	2.850	10¢	-	-	3¢	Bricklayers.....	5.850	6.500	12½¢	10¢	-	-
Building laborers.....	2.100	2.600	10¢	-	-	3¢	Carpenters.....	5.325	5.825	12½¢	10¢	-	-
Air tool.....	2.200	2.700	10¢	-	-	3¢	Millwrights.....	5.575	6.075	12½¢	10¢	-	-
Composition roofers' helpers.....	2.150	2.150	-	-	-	-	Piledrivers.....	5.450	5.950	12½¢	10¢	-	-
Elevator constructors' helpers.....	3.290	3.563	14½¢	17¢	(*)	½¢	Cement finishers.....	5.475	6.075	12½¢	10¢	-	-
Plumbers' laborers.....	2.350	2.850	10¢	-	-	3¢	Swing stage.....	5.725	6.325	12½¢	10¢	-	-
Terrazzo workers' helpers:							Electricians (inside wiremen).....	6.550	7.800	22¢	1%+16¢	-	-
Floor grinder.....	2.150	2.750	10¢	-	-	3¢	Elevator constructors.....	5.250	5.820	16¢	18½¢	(*)	½¢
Base grinder.....	2.350	2.750	10¢	-	-	3¢	Engineers—Power equipment operators:						
Tile layers' helpers.....	2.200	2.600	10¢	-	-	3¢	Building construction:						
OAKLAND, CALIF.						Medium equipment:							
(Scales listed under San Francisco—Oakland, Calif.)						Heavy equipment:							
OKLAHOMA CITY, OKLA.						Cranes, derricks, shovels, 2-drum hoists.....							
<u>Journeyman</u>						5.525 6.125 12½¢ 10¢ - -							
Asbestos workers.....	5.400	6.450	10¢	20¢	-	-	Air compressors.....	4.825	5.325	12½¢	10¢	-	-
Bricklayers.....	4.875	6.370	-	25¢	-	5¢	1-drum hoists, pumps (concrete)....	5.175	5.775	12½¢	10¢	-	-
Carpenters.....	4.550	4.900	20¢	-	-	-	Light equipment:						
Millwrights, pile-drivers.....	4.725	5.075	20¢	-	-	-	Forklifts, Hysters (lumber carrier) and trax-dozers.....	5.175	5.875	12½¢	10¢	-	-
Cement finishers.....	4.300	5.300	-	-	-	5¢	Heavy construction:						
Electricians (inside wiremen).....	5.150	6.050	15¢	10¢	1%+	-	Heavy equipment:						
Elevator constructors.....	5.040	5.660	14½¢	17¢	(*)	½¢	Draglines, shovels... Scoops.....	5.525 5.175	6.125 5.775	12½¢ 12½¢	10¢ 10¢	- -	- -
Engineers—Power equipment operators:							Medium equipment:						
Air compressors:							Bulldozers, patrols, tractors.....	5.175	5.775	12½¢	10¢	-	-
500 cubic feet or under.....	4.950	5.500	25¢	-	-	-	Light equipment:						
Over 500 cubic feet.....	4.950	5.500	25¢	-	-	-	Blade and motor graders.....	5.175	5.775	12½¢	10¢	-	-
Bulldozers, scrapers, trench machines.....	5.200	5.750	25¢	-	-	-	Wheel tractors.....	4.825	5.325	12½¢	10¢	-	-
Derricks, draglines.....	5.350	5.900	25¢	-	-	-	Glaziers.....	4.600	5.500	12½¢	10¢	-	10¢
Hoists:							Lathers.....	5.475	5.975	12½¢	10¢	-	10¢
1 drum.....	4.950	5.500	25¢	-	-	-	Machinists.....	5.950	6.450	20¢	15¢	6¢	-
2 drums or more.....	5.200	5.750	25¢	-	-	-	Marble setters.....	5.050	5.750	20¢	10¢	-	-
Mixers:							Mosaic and terrazzo workers.....	5.050	5.750	20¢	10¢	-	-
Under 18 cubic feet.....	4.950	5.500	25¢	-	-	-	Painters.....	4.850	5.450	-	15¢	-	-
18 cubic feet or over.....	4.950	5.500	25¢	-	-	-	Spray.....	5.350	5.950	-	-	-	-
Piledrivers, shovels.....	5.350	5.850	25¢	-	-	-	Swing stage.....	5.350	5.950	-	-	-	-
Pumps (4 inches or larger).....	4.950	5.500	25¢	-	-	-	Paperhangers.....	5.350	5.700	-	-	-	-
Rollers:							Pipefitters.....	5.780	6.800	25¢	30¢	-	10¢
Under 10 tons.....	4.950	5.500	25¢	-	-	-	Plasterers.....	5.475	5.975	12½¢	10¢	-	10¢
10 tons or more.....	4.950	5.500	25¢	-	-	-	Plumbers.....	5.540	6.810	25¢	20¢	-	10¢
Glaziers.....	4.320	4.920	-	-	-	-	Rodmen.....	5.450	5.950	12½¢	10¢	-	-
Lathers.....	5.150	5.725	-	-	-	-	Roofers, composition.....	4.400	5.450	15¢	20¢	-	-
Marble setters.....	4.800	5.100	-	-	-	-	Roofers, slate and tile.....	4.700	5.750	15¢	20¢	-	-
Mosaic and terrazzo workers.....	4.700	5.050	-	-	-	-	Sheet-metal workers.....	5.170	6.490	15¢	-	6%	-
Painters.....	4.550	5.000	15¢	20¢	-	-	Stonemasons.....	5.850	6.500	12½¢	10¢	-	-
Up to 30 feet:							Structural-iron workers.....	5.450	5.950	12½¢	10¢	-	-
Spray.....	5.050	5.500	15¢	20¢	-	-	Tile layers.....	5.050	5.750	20¢	10¢	-	-
Above 30 feet:							<u>Helpers and laborers</u>						
Steel.....	5.050	5.500	15¢	20¢	-	-	Bricklayers' tenders.....	4.325	4.825	12½¢	10¢	-	-
Spray.....	5.500	6.000	15¢	20¢	-	-	Building laborers.....	4.200	4.700	12½¢	10¢	-	-
Swing stage.....	5.050	5.550	15¢	20¢	-	-	Elevator constructors' helpers.....	3.675	4.070	16¢	18½¢	(*)	½¢
Paperhangers.....	5.550	6.000	15¢	20¢	-	-	Marble setters' helpers.....	4.200	4.900	-	-	-	-
Pipefitters.....	5.950	6.650	20¢	25¢	-	4¢	Plasterers' laborers.....	4.325	4.975	12½¢	10¢	-	-
Plasterers.....	4.975	5.725	-	-	-	-	Terrazzo workers' helpers.....	4.200	4.900	-	-	-	-
Plumbers.....	5.950	6.650	20¢	25¢	-	4¢	Base machine.....	4.450	5.150	-	-	-	-
Rodmen.....	4.825	5.750	15¢	15¢	-	-	Tile layers' helpers.....	4.200	4.900	-	-	-	-
Roofers, composition.....	4.500	4.900	-	25¢	-	8¢	PEORIA, ILL.						
Roofers, slate and tile.....	4.500	4.900	-	25¢	-	8¢	<u>Journeyman</u>						
Sheet-metal workers.....	4.950	5.200	15¢	15¢	-	8¢	Asbestos workers.....	6.150	6.500	30¢	12½¢	-	5¢
Stonemasons.....	4.875	6.370	-	25¢	-	5¢	Boilermakers.....	5.650	6.400	30¢	50¢	-	-
Structural-iron workers.....	4.825	5.750	15¢	15¢	-	-	Bricklayers.....	5.850	6.800	22½¢	30¢	-	-
Tile layers.....	4.850	5.250	-	-	-	-	Carpenters.....	5.710	6.510	25¢	25¢	-	-
<u>Helpers and laborers</u>						<u>Helpers and laborers</u>							
Bricklayers' tenders.....	3.330	3.680	-	-	-	1¢	Cement finishers.....	5.545	6.445	20¢	25¢	-	-
Building laborers.....	3.180	3.530	-	-	-	1¢	Electricians (inside wiremen).....	5.925	6.925	20¢	1%	-	1%
Elevator constructors' helpers.....	3.530	3.960	14½¢	17¢	(*)	½¢	Elevator constructors.....	5.310	5.800	14½¢	17¢	(*)	½¢
Plasterers' laborers.....	3.330	3.680	-	-	-	1¢							
Plumbers' laborers.....	3.180	3.530	-	-	-	1¢							

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in

68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
PEORIA, ILL.—Continued						PHILADELPHIA, PA.—Continued							
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>							
Engineers—Power equipment operators:						Engineers—Power equipment operators—Continued							
Building construction:						Building construction—Continued							
Heavy equipment:						Medium equipment:							
Cranes, derricks, bulldozers						Tournapulls, carry-alls							
\$ 5.800	\$ 6.550	25¢	25¢	-	-	\$ 6.030	\$ 6.520	20¢	35¢	-	-		
Medium equipment:						Bulldozers, tractors (D7 and over)							
Air compressors (2)						Light equipment:							
5.050	5.800	25¢	25¢	-	-	Welding machines							
Mixers (27E and larger)						Compressors, pumps							
5.800	6.550	25¢	25¢	-	-	Heavy construction:							
Light equipment:						Heavy equipment:							
Pumps, mixers (3 bags and under)						Cranes (all types), power shovels, cableways							
4.940	5.690	25¢	25¢	-	-	Medium equipment:							
Heavy construction:						Tournapulls, carry-alls							
Heavy equipment:						Bulldozers, tractors (under D7)							
Cranes, scoops, bulldozers						Light equipment:							
5.775	6.525	25¢	25¢	-	-	Welding machines							
Medium equipment:						Compressors, pumps							
Motor patrols, paving mixers, piledrivers						Glaziers							
5.775	6.525	25¢	25¢	-	-	30 feet or more above ground							
Light equipment:						Lathers							
Air compressors, pumps, mixers (3 bags and under)						Machinists							
4.915	5.665	25¢	25¢	-	-	Marble setters							
5.425	6.325	15¢	15¢	-	-	Mosaic and terrazzo workers							
5.675	6.575	15¢	15¢	-	-	Painters							
5.675	6.575	15¢	10¢	-	-	Swing stage, spray, structural steel							
6.100	6.920	-	10¢	-	-	Paperhangers							
5.625	6.375	22½¢	30¢	-	-	Pipefitters							
Glaziers						Plasterers							
5.425	6.325	15¢	15¢	-	-	Plumbers							
5.675	6.575	15¢	15¢	-	-	Rodmen							
5.675	6.575	15¢	10¢	-	-	Roofers, composition							
6.100	6.920	-	10¢	-	-	Roofers, slate and tile							
5.625	6.375	22½¢	30¢	-	-	Sheet-metal workers							
Lathers						Stonemasons							
Machinists						Structural-iron workers							
Marble setters						Tile layers							
Mosaic and terrazzo workers													
5.625	6.375	22½¢	30¢	-	-								
5.300	6.200	15¢	15¢	-	-								
5.700	6.600	15¢	15¢	-	-								
5.300	6.200	15¢	15¢	-	-								
5.675	6.525	24¢	45¢	-	6¢								
5.825	6.725	20¢	25¢	-	-								
5.675	6.525	24¢	60¢	-	6¢								
5.950	6.750	25¢	22½¢	-	-								
5.795	6.645	20¢	25¢	-	-								
5.795	6.645	20¢	25¢	-	-								
5.620	6.370	30¢	25¢	-	5¢								
5.850	6.800	22½¢	30¢	-	-								
5.950	6.750	25¢	22½¢	-	-								
5.625	6.375	22½¢	30¢	-	-								
<u>Helpers and laborers</u>						<u>Helpers and laborers</u>							
Bricklayers' tenders						Bricklayers' tenders							
4.850	5.700	20¢	25¢	-	3½¢	Residential							
Building laborers						Building laborers							
4.850	5.700	20¢	25¢	-	3½¢	Residential							
Elevator constructors' helpers						Elevator constructors' helpers							
3.720	4.060	14½¢	17¢	(*)	½¢	Residential							
Marble setters' helpers						Marble setters' helpers							
4.875	5.525	22½¢	-	-	-	Residential							
Plasterers' laborers						Plasterers' laborers							
4.975	5.825	20¢	25¢	-	3½¢	Residential							
Terrazzo workers' helpers						Terrazzo workers' helpers							
4.955	5.605	22½¢	-	-	-	Residential							
Base-machine						Base-machine							
5.205	5.855	22½¢	-	-	-	Residential							
Tile layers' helpers						Tile layers' helpers							
4.875	5.525	22½¢	-	-	-	Residential							
PHILADELPHIA, PA.						PHOENIX, ARIZ.							
<u>Journeyman</u>						<u>Journeyman</u>							
Asbestos workers						Asbestos workers							
5.750	6.100	25¢	20¢	-	4¢	Boilermakers							
Boilermakers						Boilermakers							
6.150	7.100	30¢	50¢	-	-	Bricklayers							
Bricklayers						Bricklayers							
7.600	7.850	32¢	25¢	-	-	Carpenters							
Residential						Carpenters							
5.800	7.650	42¢	35¢	-	-	Millwrights							
Carpenters						Millwrights							
5.550	7.050	33¢	25¢	40¢	19¢	Wharf and dock builders							
Millwrights						Wharf and dock builders							
6.050	7.550	33¢	25¢	40¢	19¢	Cement finishers							
Wharf and dock builders						Cement finishers							
6.000	7.600	33¢	25¢	40¢	19¢	Electricians (inside wiremen)							
Cement finishers						Electricians (inside wiremen)							
5.250	5.500	40¢	27¢	15¢	-	Residential							
Electricians (inside wiremen)						Residential							
6.325	7.325	3%	3½%	-	-	Elevator constructors							
Residential						Elevator constructors							
5.575	6.575	3%	3½%	-	-	Engineers—Power equipment operators:							
Elevator constructors						Engineers—Power equipment operators:							
6.010	6.830	14½¢	17¢	(*)	½¢	Building construction:							
Engineers—Power equipment operators:						Building construction:							
Building construction:						Heavy equipment:							
Heavy equipment:						Cranes (handling steel or stone)							
Cranes (handling steel or stone)						Power shovels, derricks, cableways							
6.800	7.350	20¢	35¢	-	-	Asbestos workers							
Power shovels, derricks, cableways						Boilermakers							
6.630	7.160	20¢	35¢	-	-	Bricklayers							
Asbestos workers						Bricklayers							
Boilermakers						Carpenters							
Bricklayers						Millwrights							
Carpenters						Floor layers; piledrivers							
Millwrights						Cement finishers							
Floor layers; piledrivers						Composition and mastic							
Cement finishers						Electricians (inside wiremen)							
Composition and mastic						Elevator constructors							
Electricians (inside wiremen)													
6.350	7.350	30¢	1%	-	-								
6.230	6.630	16½¢	18¢	(*)	-								

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969	July 1, 1970				Trade or occupation	July 1, 1969	July 1, 1970				
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour	Rate per hour	Employer contribution to fund ¹			
		Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³	
PHOENIX, ARIZ.—						PITTSBURGH, PA.—						
Continued						Continued						
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>						
Engineers—Power equipment operators:						Carpenters	\$ 6,450	\$ 7,000		5%	-	-
Building construction:						Millwrights	6,250	6,950	3½%	4%	-	-
Heavy equipment:						Piledrivers	6,450	7,300	4%	5%	-	-
Universal equipment (shovels, backhoes, draglines, clamshells, derricks, hoists)	\$ 5.895	\$ 6.740	35¢	30¢	-	Cement finishers	6,150	6,700	6%	10%	-	-
Tractors (bulldozers, tampers, scrapers)	5.515	6.500	35¢	30¢	-	Electricians (inside wiremen)	6,200	6,600	30¢	1%+20¢	60¢	2¢
Medium equipment:						Elevator constructors	6,410	6,770	14½¢	17¢	(*)	½¢
Motor cranes	4.875	5.560	35¢	30¢	-	Engineers—Power equipment operators:						
Light equipment:						Building construction:						
Air compressors	4.385	5.000	35¢	30¢	-	Heavy equipment:						
Pumps and oilers	4.385	5.000	35¢	30¢	-	Shovels, cranes	6.725	7.325	25¢	20¢	-	2¢
Concrete mixers (skip type)	4.875	5.560	35¢	30¢	-	Carryall scoops	6.575	7.175	25¢	20¢	-	2¢
Heavy construction:						Medium equipment:						
Heavy equipment:						Bulldozers, com- pressors, hoists	6.575	7.175	25¢	20¢	-	2¢
Universal equipment (shovels, backhoes, draglines, clamshells, derricks, hoists)	5.895	6.740	35¢	30¢	-	Light equipment:						
Tractors:						Pumps, rollers, welders	6.050	6.650	25¢	20¢	-	2¢
Tandem scrapers	5.895	6.740	35¢	30¢	-	Heavy construction:						
Bulldozers, tampers, scrapers	5.515	6.500	35¢	30¢	-	Heavy equipment:						
Medium equipment:						Shovels, cranes, ditches	5.870	6.470	25¢	20¢	-	2¢
Mucking machine	5.895	6.740	35¢	30¢	-	Medium equipment:						
Light equipment:						Bulldozers, graders, carry- all scoops	5.610	6.210	25¢	20¢	-	2¢
Air compressors	4.385	5.000	35¢	30¢	-	Light equipment:						
Pump and oilers	4.385	5.000	35¢	30¢	-	Compressors, pumps, rollers	5.250	5.850	25¢	20¢	-	2¢
Concrete mixers (skip type)	4.875	5.560	35¢	30¢	-	Glaziers	5.600	6.200	22¢	33¢	33¢	-
Dinky operators (under 20 tons)	4.875	5.560	35¢	30¢	-	Lathers	6.680	6.830	30¢	10¢	-	-
Glaziers	5.020	5.490	-	-	4%	Machinists	6.000	6.200	-	-	(11)	-
Lathers	5.435	6.080	20¢	20¢	-	Marble setters	5.900	6.650	35¢	10¢	-	-
Marble setters	5.490	5.890	20¢	20¢	-	Mosaic and terrazzo workers	6.675	7.105	35¢	20¢	-	-
Mosaic and terrazzo workers	5.810	6.210	-	-	-	Painters	5.875	6.380	27½¢	20¢	-	-
Painters	4.850	5.200	27½¢	20¢	15¢	Spray	6.125	6.880	27½¢	20¢	-	-
Spray	5.100	5.450	27½¢	20¢	15¢	Structural steel	6.175	6.930	27½¢	20¢	-	-
Swing stage	1.980	5.330	27½¢	20¢	15¢	Paperhangers	5.925	6.430	27½¢	20¢	-	-
Spray	5.370	5.720	27½¢	20¢	15¢	Pipefitters	5.940	6.440	25¢	\$1.100	-	5¢
Steel and bridge	5.200	5.550	27½¢	20¢	15¢	Sprinkler fitters	6.855	7.255	20¢	30¢	-	4¢
Spray	5.400	5.750	27½¢	20¢	15¢	Plasterers	6.480	6.630	37¢	10¢	-	8¢
Paperhangers	5.100	5.450	27½¢	20¢	15¢	Plumbers	6.385	6.810	42½¢	45¢	-	14½¢
Pipefitters	6.250	6.700	40¢	44¢	50¢	Rodmen	6.505	6.985	35½¢	39¢	-	3½¢
Plasterers	5.620	5.810	20¢	30¢	-	Roofers, composition	6.200	6.800	4%	30¢	-	7¢
Plumbers	6.250	6.700	40¢	44¢	50¢	Roofers, slate and tile	6.200	6.800	4%	30¢	-	7¢
Rodmen	5.665	5.915	33¢	32½¢	-	Sheet-metal workers	6.730	7.230	25¢	40¢	-	5¢
Roofers, composition	5.000	5.300	20¢	10¢	-	Stonemasons	6.925	7.505	35¢	20¢	-	-
Roofers, slate and tile	5.000	5.300	20¢	10¢	-	Structural-iron workers	6.630	7.050	35½¢	39¢	-	3½¢
Sheet-metal workers	5.770	6.440	27¢	22¢	-	Tile layers	6.350	6.850	-	-	-	-
Stonemasons	5.805	6.800	25¢	20¢	-	<u>Helpers and laborers</u>						
Structural-iron workers	5.785	6.015	33¢	30½¢	-	Bricklayers' tenders	4.950	5.325	20¢	20¢	-	2½¢
Tile layers	5.490	5.890	20¢	20¢	-	Building laborers	4.700	5.075	20¢	20¢	-	2½¢
<u>Helpers and laborers</u>						Elevator constructors'						
Bricklayers' tenders	4.535	4.985	20¢	30¢	-	helpers	4.490	4.740	14½¢	17¢	(*)	½¢
Building laborers	3.930	4.380	20¢	30¢	-	Marble setters' helpers	4.950	5.950	-	-	-	-
Elevator constructors'						Plasterers' laborers	4.950	5.325	20¢	20¢	-	2½¢
helpers	4.380	4.640	16½¢	18¢	(*)	Plumbers' laborers	4.700	5.150	20¢	20¢	-	5¢
Marble setters' helpers	4.570	4.970	20¢	-	-	Terrazzo workers' helpers	5.455	5.855	35¢	10¢	-	-
Plasterers' laborers	4.850	5.300	20¢	30¢	-	Tile layers' helpers	5.390	5.840	-	-	-	-
Plumbers' laborers	3.930	4.380	20¢	30¢	-	PORTLAND, OREG.						
Terrazzo workers'						<u>Journeyman</u>						
helpers	4.650	5.050	-	-	-	Asbestos workers	5.790	6.160	25¢	40¢	-	1¢
Base-machine	4.950	5.350	-	-	-	Boilermakers	5.900	6.300	30¢	55¢	40¢	-
Tile layers' helpers	4.570	4.970	20¢	-	-	Bricklayers	6.250	6.800	25¢	35¢	-	6¢
PITTSBURGH, PA.						Carpenters	5.580	6.030	25¢	25¢	25¢	1¢
<u>Journeyman</u>						Millwrights	5.830	6.280	25¢	25¢	25¢	1¢
Asbestos workers	6.165	6.665	19¢	46¢	-	Floor layers	5.705	6.155	25¢	25¢	25¢	1¢
Boilermakers	6.500	6.800	6%	5½%	-	Piledrivers, bridge, dock and wharf builders	5.680	6.130	25¢	25¢	-	-
Bricklayers	6.875	7.450	35¢	20¢	-	Cement finishers	5.330	5.610	30¢	20¢	-	6¢
						Composition and mastic	5.455	6.085	30¢	20¢	-	6¢
						Electricians (inside wiremen)	6.200	6.500	15¢	1%+30¢	-	2¢
						Elevator constructors	5.930	6.440	17¢	18½¢	(*)	½¢

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
PORTLAND, OREG.—						PROVIDENCE, R.I.—							
Continued						Continued							
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>							
Engineers—Power equipment operators:						Bricklayers \$ 6.075 \$ 6.870 25¢ 30¢ - 1/2¢							
Building and heavy construction:						Carpenters 5.100 5.975 25¢ 15¢ - -							
Heavy equipment:						Millwrights 5.100 6.225 25¢ 15¢ - -							
Power shovels, draglines, cranes:						Residential 4.200 4.900 25¢ 15¢ - -							
Under 1 cubic yard..... \$ 6.345 \$ 6.460 35¢ 40¢ 10¢ 3¢						Cement finishers 5.800 6.050 20¢ - - -							
1 cubic yard and under 3 cubic yards..... 6.485 6.600 35¢ 40¢ 10¢ 3¢						Electricians (inside wiremen) 5.650 6.450 18¢ 1% - 2¢							
3 cubic yards and over..... 6.780 7.080 35¢ 40¢ 10¢ 3¢						Elevator constructors 5.500 6.070 14 1/2¢ 17¢ (*) 1/2¢							
Tractors:						Engineers—Power equipment operators:							
Under 50 horse-power..... 5.980 6.080 35¢ 40¢ 10¢ 3¢						Building construction:							
Over 50 horse-power..... 6.270 6.380 35¢ 40¢ 10¢ 3¢						Heavy equipment:							
Medium equipment:						Cranes, shovels, draglines, back-hoes..... 7.050 7.300 25¢ 20¢ - -							
Blades, power:						Medium equipment:							
Under 50 horse-power..... 6.110 6.220 35¢ 40¢ 10¢ 3¢						Hoists, piledrivers, derricks..... 7.050 7.300 25¢ 20¢ - -							
Over 50 horse-power..... 6.390 6.500 35¢ 40¢ 10¢ 3¢						Light equipment:							
Piledrivers 6.390 6.500 35¢ 40¢ 10¢ 3¢						Pumps, air compressors, gas and electric heaters..... 6.275 6.475 25¢ 20¢ - -							
Light equipment:						Heavy construction:							
Hoists:						Heavy equipment:							
Single drum..... 5.980 6.080 35¢ 40¢ 10¢ 3¢						Shovels, cranes, draglines, pavers... 7.750 8.000 25¢ 20¢ - -							
2 active drums or more..... 6.390 6.500 35¢ 40¢ 10¢ 3¢						Medium equipment:							
Concrete mixers:						Piledrivers, lighters, derricks..... 7.750 8.000 25¢ 20¢ - -							
1- to 5-bag capacity..... 5.930 6.040 35¢ 40¢ 10¢ 3¢						Light equipment:							
5-bag capacity and over..... 6.110 6.220 35¢ 40¢ 10¢ 3¢						Mixers, pumps, air compressors, stone crushers..... 6.750 6.950 25¢ 20¢ - -							
Derricks, live boom 6.485 6.600 35¢ 40¢ 10¢ 3¢						Glaziers 5.000 5.420 24¢ 15¢ - -							
Glaziers 5.110 5.600 16¢ 20¢ 4% - -						Lathers 5.900 6.500 25¢ 10¢ - 3¢							
Lathers 5.800 6.400 25¢ - - -						Marble setters 5.900 6.400 - - -							
Machinists 6.630 7.210 - 10¢ - -						Mosaic and terrazzo workers 5.900 6.400 - - -							
Marble setters 6.250 6.800 25¢ 35¢ - 6¢						Painters 4.650 4.950 25¢ 25¢ - -							
Mosaic and terrazzo workers 5.250 5.800 25¢ 24¢ - -						Structural steel..... 4.900 5.200 25¢ 25¢ - -							
Painters 5.080 5.800 20¢ 15¢ 10¢ 6¢						Spray..... 5.650 5.950 25¢ 25¢ - -							
Spray..... 5.330 6.050 20¢ 15¢ 10¢ 6¢						Paperhangers 4.650 4.950 25¢ 25¢ - -							
High work (over 100 feet), structural steel, swing stage..... 5.230 5.950 20¢ 15¢ 10¢ 6¢						Pipefitters 6.100 6.550 30¢ 30¢ - 3¢							
Taper..... 5.230 5.790 30¢ 15¢ 15¢ 10¢						Refrigeration and air condition mechanics..... 6.100 6.550 30¢ 30¢ - 3¢							
Paperhangers 5.230 5.950 15¢ 15¢ 10¢ 6¢						Sprinkler fitters..... 6.200 6.750 25¢ 30¢ - 1¢							
Pipefitters 6.050 6.390 40¢ 30¢ 13 35¢ 4¢						Plasterers 5.600 6.200 20¢ - -							
Oil fitters 5.500 5.840 40¢ 30¢ 13 35¢ 4¢						Plumbers..... 6.200 6.700 35¢ 20¢ - -							
Plasterers 5.600 6.150 25¢ 25¢ - 10¢						Rodmen..... 6.320 7.220 25¢ 25¢ - -							
Plumbers 6.050 6.390 40¢ 30¢ - 4¢						Roofers, composition 5.250 5.750 20¢ 15¢ - -							
Rodmen 5.700 6.200 40¢ 25¢ - -						Roofers, slate and tile 5.450 5.950 20¢ 15¢ - -							
Roofers, composition 5.050 5.850 35¢ 15¢ - -						Sheet-metal workers 5.350 6.200 20¢ 15¢ - -							
Roofers, slate and tile 5.050 5.850 35¢ 15¢ - -						Stonemasons 6.075 6.870 25¢ 30¢ - 1/2¢							
Sheet-metal workers 5.610 6.050 20¢ 24¢ 2¢ 1¢						Structural-iron workers 6.320 7.220 25¢ 25¢ - -							
Stonemasons 6.250 6.800 25¢ 35¢ - -						Tile layers 5.900 6.400 - - -							
Structural-iron workers 5.850 6.330 40¢ 25¢ - -						Helpers and laborers							
Tile layers 5.250 5.800 25¢ 24¢ - -						Bricklayers' tenders..... 4.100 5.000 15¢ 15¢ - 5¢							
<u>Helpers and laborers</u>						Building laborers..... 4.100 5.000 15¢ 15¢ - 5¢							
Bricklayers' tenders..... 4.800 5.000 35¢ 40¢ - 2¢						Composition roofers' helpers:							
Building laborers..... 4.500 4.850 35¢ 40¢ - 2¢						Class A..... 4.400 4.900 20¢ 15¢ - -							
Composition roofers' helpers 3.300 3.820 35¢ 15¢ - -						Class B..... 3.850 4.350 20¢ 15¢ - -							
Elevator constructors' helpers:						Elevator constructors' helpers 3.850 4.249 14 1/2¢ 17¢ (*) 1/2¢							
First 6 months..... 2.965 3.220 17¢ 18 1/2¢ - 1/2¢						Marble setters' helpers 4.950 5.450 - - -							
After 6 months..... 4.150 4.510 17¢ 18 1/2¢ (*) 1/2¢						Plasterers' laborers 4.500 5.300 15¢ 15¢ - -							
Marble setters' helpers 4.800 5.000 35¢ 40¢ - 2¢						Terrazzo workers' helpers 4.950 5.450 - - -							
Plasterers' laborers 4.800 5.000 35¢ 40¢ - 2¢						RICHMOND, VA.							
Plumbers' laborers 4.600 4.950 35¢ 40¢ - 2¢						<u>Journeyman</u>							
Terrazzo workers' helpers 4.800 5.000 35¢ 40¢ - 2¢						Asbestos workers..... 4.730 5.930 20¢ 10¢ - -							
PROVIDENCE, R.I.						Boilermakers 5.200 6.400 30¢ 60¢ - -							
<u>Journeyman</u>						Bricklayers 5.000 5.500 25¢ 20¢ - -							
Asbestos workers..... 5.950 6.200 39¢ 35¢ - -						Carpenters 4.250 4.750 - - -							
Boilermakers 5.900 6.250 30¢ 50¢ - -						Millwrights 5.550 6.000 - - -							
						Cement finishers 4.050 4.450 - - -							
						Machine 4.150 4.550 - - -							

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970				
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹				
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³	
RICHMOND, VA.—Continued					ROCHESTER, N. Y.—Continued									
Journeyman—Continued					Journeyman—Continued									
Electricians (inside wiremen)-----	\$ 5.200	\$ 5.700	5%	1%	-	1%	Engineers—Power equipment operators—Continued							
Elevator constructors	4.620	5.100	14 1/2 ¢	17 ¢	(*)	1/2 ¢	Building construction—Continued							
Engineers—Power equipment operators:							Light equipment—Continued							
Air compressors:							Compressors, under 315 cubic feet, and pumps, under 4 inches-----	\$ 4.465	\$ 5.465	30 ¢	30 ¢	-	40 ¢	
Under 4-----	3.050	3.150	12 1/2 ¢	10 ¢	-	-	Heavy construction:							
4 or more-----	4.550	4.800	12 1/2 ¢	10 ¢	-	-	Heavy equipment:							
Bulldozers-----	3.800	3.900	12 1/2 ¢	10 ¢	-	-	Cableways, pile-drivers, shovels-----	5.800	6.150	25 ¢	25 ¢	-	40 ¢	
Cranes, derricks, pile-drivers, shovels-----	4.550	4.800	12 1/2 ¢	10 ¢	-	-	Medium equipment:							
Graders-----	3.800	3.900	12 1/2 ¢	10 ¢	-	-	Mucking machines---	5.800	6.150	25 ¢	25 ¢	-	40 ¢	
Hoists:							Carryall type scrapers bulldozers, graders-----	5.600	5.850	25 ¢	25 ¢	-	40 ¢	
1 drum-----	3.050	3.150	12 1/2 ¢	10 ¢	-	-	Light equipment:							
2 drums or more-----	4.550	4.800	12 1/2 ¢	10 ¢	-	-	Dinky locomotives---	5.250	5.400	25 ¢	25 ¢	-	40 ¢	
Mixers:							Compressors, 315 cubic feet and over---	5.250	5.400	25 ¢	25 ¢	-	40 ¢	
16S or smaller-----	3.050	3.150	12 1/2 ¢	10 ¢	-	-	Pumps, under 4 inches-----	5.250	5.400	25 ¢	25 ¢	-	40 ¢	
Larger than 16S-----	3.800	3.900	12 1/2 ¢	10 ¢	-	-	Pumps, 4 inches and over-----	5.250	5.400	25 ¢	25 ¢	-	40 ¢	
Pumps:							Glaziers-----	5.470	6.470	23 ¢	20 ¢	-	-	
2-inch discharge-----	3.050	3.150	12 1/2 ¢	10 ¢	-	-	Lathers-----	6.230	7.230	-	10 ¢	-	3 ¢	
Over 2-inch discharge-----	3.050	3.150	12 1/2 ¢	10 ¢	-	-	Machinists-----	5.500	6.050	-	-	-	-	
Tractors:							Marble setters-----	6.740	7.685	-	25 ¢	-	-	
Without attachments-----	3.050	3.150	12 1/2 ¢	10 ¢	-	-	Mosaic and terrazzo workers-----	6.740	7.685	-	25 ¢	-	-	
With attachments-----	3.800	3.900	12 1/2 ¢	10 ¢	-	-	Painters-----	5.850	6.630	17 1/2 ¢	17 1/2 ¢	-	2 ¢	
Trench machines-----	3.800	3.900	12 1/2 ¢	10 ¢	-	-	Bridge-----	6.600	7.630	17 1/2 ¢	17 1/2 ¢	-	2 ¢	
Lathers-----	4.270	4.750	-	-	-	3 ¢	Spray-----	6.300	7.130	17 1/2 ¢	17 1/2 ¢	-	2 ¢	
Machinists-----	5.000	5.500	-	-	-	-	Structural-----	6.100	6.980	17 1/2 ¢	17 1/2 ¢	-	2 ¢	
Marble setters-----	4.250	4.750	-	-	-	-	Paperhangers-----	5.850	6.630	17 1/2 ¢	17 1/2 ¢	-	2 ¢	
Mosaic and terrazzo workers-----	4.250	4.750	-	-	-	-	Pipefitters-----	6.560	7.850	20 ¢	32 ¢	-	4 ¢	
Painters-----	3.400	3.650	-	-	-	-	Plasterers-----	6.635	6.935	-	25 ¢	-	-	
Spray-----	3.900	4.150	-	-	-	-	Plumbers-----	6.560	7.850	20 ¢	32 ¢	-	4 ¢	
Structural steel-----	3.650	3.900	-	-	-	-	Rodmen-----	5.990	6.850	30 ¢	40 ¢	-	2 1/2 ¢	
Paperhangers-----	3.400	3.650	-	-	-	-	Roofers, composition-----	5.820	6.720	15 ¢	25 ¢	-	3 ¢	
Pipefitters-----	4.800	5.100	15 ¢	10 ¢	-	-	Roofers, slate and tile-----	5.820	6.720	15 ¢	25 ¢	-	3 ¢	
Plasterers-----	4.450	5.000	-	-	-	-	Sheet-metal workers-----	6.130	7.230	35 ¢	20 ¢	-	8 ¢	
Plumbers-----	4.800	5.100	15 ¢	10 ¢	-	2 1/2 ¢	Stonemasons-----	6.635	6.935	-	25 ¢	-	-	
Rodmen-----	5.150	5.650	25 ¢	15 ¢	-	-	Structural-iron workers-----	5.990	6.850	30 ¢	40 ¢	-	2 1/2 ¢	
Sheet-metal workers-----	4.600	5.100	20 ¢	10 ¢	-	-	Tile layers-----	6.740	7.685	-	25 ¢	-	-	
Stonemasons-----	5.000	5.500	25 ¢	20 ¢	-	-								
Structural-iron workers-----	5.150	5.650	25 ¢	15 ¢	-	-								
Tile layers-----	4.250	4.750	-	-	-	-								
Helpers and laborers					Helpers and laborers									
Bricklayers' tenders-----	2.200	2.700	10 ¢	10 ¢	-	3 ¢	Bricklayers' tenders-----	4.830	5.580	40 ¢	20 ¢	-	32 1/2 ¢	
Mortar mixers and hod carriers-----	2.350	2.850	10 ¢	10 ¢	-	3 ¢	Building laborers-----	4.830	5.580	40 ¢	20 ¢	-	32 1/2 ¢	
Building laborers-----	2.100	2.600	10 ¢	10 ¢	-	3 ¢	Elevator constructors' helpers-----	4.620	4.620	14 1/2 ¢	17 ¢	(*)	1/2 ¢	
Elevator constructors' helpers-----	3.230	3.570	14 1/2 ¢	17 ¢	(*)	1/2 ¢	Marble setters' helpers-----	5.650	6.650	-	17 ¢	-	15 ¢	
Plasterers' laborers-----	2.200	2.700	10 ¢	10 ¢	-	3 ¢	Plasterers' laborers-----	4.830	5.580	40 ¢	20 ¢	-	32 1/2 ¢	
							Terrazzo workers' helpers-----	5.650	6.650	-	17 ¢	-	15 ¢	
							Machine and grinders-----	5.750	6.750	-	17 ¢	-	15 ¢	
							Tile layers' helpers-----	5.650	6.650	-	17 ¢	-	15 ¢	
ROCHESTER, N. Y.					SACRAMENTO, CALIF.									
Journeyman					Journeyman									
Asbestos workers-----	6.760	7.760	17 ¢	15 ¢	-	5 ¢	Asbestos workers-----	6.670	7.320	40 ¢	37 ¢	90 ¢	3 ¢	
Bricklayers-----	6.635	6.935	-	25 ¢	-	-	Boilermakers-----	6.400	6.800	30 ¢	55 ¢	40 ¢	-	
Carpenters-----	6.110	6.910	25 ¢	25 ¢	-	30 1/2 ¢	Bricklayers-----	6.600	7.330	25 ¢	20 ¢	40 ¢	10 ¢	
Floor layers, parquetry-----	4.755	5.755	15 ¢	15 ¢	-	-	Carpenters-----	6.205	6.945	45 ¢	50 ¢	50 ¢	1 ¢	
Millwrights-----	6.410	7.210	25 ¢	25 ¢	-	30 ¢	Floor layers, shinglers-----	6.355	7.095	45 ¢	50 ¢	50 ¢	1 ¢	
Cement finishers-----	6.435	6.735	-	25 ¢	-	-	Millwrights-----	6.505	7.245	45 ¢	50 ¢	50 ¢	1 ¢	
Electricians (inside wiremen)-----	6.550	7.000	25 ¢	1%+25 ¢	-	1/4 %	Cement finishers-----	5.370	5.620	36 ¢	75 ¢	75 ¢	-	
Elevator constructors	6.600	6.600	14 1/2 ¢	17 ¢	(*)	1/2 ¢	Composition-----	5.620	5.870	36 ¢	75 ¢	75 ¢	-	
Engineers—Power equipment operators:							Electricians (inside wiremen)-----	6.530	7.330	31 ¢	1%+55 ¢	-	-	
Building construction:							Elevator constructors-----	6.910	7.580	14 1/2 ¢	17 ¢	(*)	1/2 ¢	
Heavy equipment:							Engineers—Power equipment operators:							
Cranes, derricks, pile-drivers-----	5.670	6.670	30 ¢	30 ¢	-	40 ¢	Building and heavy construction:							
Medium equipment:							Compressors-----	5.400	5.780	50 1/2 ¢	62 1/2 ¢	14 40 ¢	-	
Hoists, high pressure boilers, concrete pumps-----	5.500	6.500	30 ¢	30 ¢	-	40 ¢	Compressors (2 to 6)-----	6.030	6.450	50 1/2 ¢	62 1/2 ¢	14 40 ¢	-	
Light equipment:							Material hoist (1 drum)-----	5.890	6.300	50 1/2 ¢	62 1/2 ¢	14 40 ¢	-	
Mixers, 14S to 26S-----	5.500	6.500	30 ¢	30 ¢	-	40 ¢	Small rubber tired tractors-----	6.110	6.540	50 1/2 ¢	62 1/2 ¢	14 40 ¢	-	
Pumps, 4 inches and over, and mixers, under 14S-----	4.465	5.465	30 ¢	30 ¢	-	40 ¢								

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insurance ²	Pen-sion	Vaccination pay	Other ³				Insurance ²	Pen-sion	Vacation pay	Other ³
SACRAMENTO, CALIF.—Continued						ST. LOUIS, MO.—Continued							
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>							
Engineers—Power equipment operators:						Engineers—Power equipment operators:							
Building and heavy construction:						Building construction—Continued							
Medium equipment:						Medium equipment:							
Boring machines (footing equipment), combination hoists and concrete mixers, tractor shovels, hi-lifts						Boring machines (footing equipment), combination hoists and concrete mixers, tractor shovels, hi-lifts							
\$ 6.460	\$ 6.910	50½¢	62½¢	14 40¢	-	\$ 6.425	\$ 6.970	35¢	20¢	-	7¢		
Euclids T-pulls, DW-10, 20, and 21 and similar with earth moving equipment						Light equipment: Concrete pumps							
6.460	6.910	50½¢	62½¢	14 40¢	-	6.425	6.970	35¢	20¢	-	7¢		
Tractors (with boom) D-6 larger and similar equipment						1-drum hoists, single compressors							
6.600	7.060	50½¢	62½¢	14 40¢	-	5.875	6.420	35¢	20¢	-	7¢		
Cranes including 25 tons						Heavy construction:							
6.810	7.280	50½¢	62½¢	14 40¢	-	Heavy equipment:							
Power shovels, clamshells, draglines, backhoes, grad-all: Up to and including 1 yard						Cranes, derricks, drag-line, pile-drivers, shovels							
6.810	7.280	50½¢	62½¢	14 40¢	-	6.425	6.970	35¢	20¢	-	7¢		
Over 1 yard and including 7 cubic yards						Medium equipment:							
6.900	7.380	50½¢	62½¢	14 40¢	-	1-drum hoists, welding machines, single compressors							
Universal Liebherr and tower cranes						Light equipment:							
6.900	7.380	50½¢	62½¢	14 40¢	-	Boiler, pumps, concrete mixing machines							
5.850	6.750	15¢	35¢	8%	1¢	5.875	6.420	35¢	20¢	-	7¢		
5.750	6.450	29½¢	20¢	\$1.000	10¢	6.060	6.710	26½¢	35¢	8%	-		
Glaziers						Lathers							
6.600	7.730	25¢	20¢	57¢	10¢	6.350	7.100	17½¢	15¢	-	5¢		
7.6070	7.6570	39¢	40¢	40¢	40¢	5.960	6.610	25¢	30¢	14 40¢	-		
Mosaic and terrazzo workers						Marble setters							
6.600	7.730	25¢	20¢	57¢	10¢	5.390	5.890	22½¢	45¢	-	-		
Painters						Mosaic and terrazzo workers							
7.6.320	7.6.820	39¢	40¢	40¢	40¢	6.000	6.500	-	-	-	-		
7.6.470	7.6.970	39¢	40¢	40¢	40¢	5.620	6.020	12¢	30¢	21¢	-		
7.6.070	7.6.570	39¢	40¢	40¢	40¢	6.690	7.100	12¢	30¢	21¢	-		
6.830	7.330	60¢	65¢	13 80¢	19¢	5.620	5.920	12¢	30¢	21¢	-		
6.650	7.300	29½¢	35¢	\$1.000	10¢	5.620	6.020	12¢	30¢	21¢	-		
6.830	7.330	60¢	65¢	13 80¢	19¢	5.950	6.300	\$2.275	50¢	-	7½¢		
6.100	6.370	33¢	30½¢	-	-	7.245	7.995	15¢	25¢	-	-		
5.270	5.620	43¢	40¢	50¢	-	6.400	7.200	22½¢	25¢	-	5¢		
5.270	5.620	43¢	40¢	50¢	-	6.505	7.105	30¢	30¢	40¢	40¢		
6.650	7.000	36¢	64¢	14 10%	14¢	6.525	6.525	15¢	25¢	-	2¢		
6.600	7.330	25¢	40¢	10¢	10¢	5.450	5.950	22¢	30¢	25¢	-		
6.230	6.480	33¢	32½¢	-	-	5.450	5.950	22¢	30¢	25¢	-		
5.740	6.000	22¢	40¢	9¢	9¢	8.160	8.710	4%	6%	8%	7¢		
Tile layers						Stonemasons							
5.050	5.455	29½¢	50¢	50¢	2½¢	5.750	6.000	47¢	60¢	5%	-		
4.675	4.935	40¢	50¢	50¢	4¢	6.525	6.525	15¢	25¢	-	2¢		
Elevator constructors' helpers						Tile layers							
4.840	5.310	14½¢	17¢	(4)	½¢	5.360	5.910	22½¢	45¢	-	-		
4.950	5.750	29½¢	50¢	50¢	4¢	Helpers and laborers							
7.5.305	7.5.305	25½¢	10¢	39¢	-	5.050	5.350	20¢	20¢	13 30¢	-		
7.5.705	7.5.705	25½¢	10¢	39¢	-	5.225	5.775	30¢	20¢	13 30¢	2¢		
4.180	4.600	20¢	-	26¢	5½¢	4.675	5.225	30¢	20¢	13 30¢	3¢		
Base machine						Elevator constructors' helpers							
7.5.705	7.5.705	25½¢	10¢	39¢	-	4.080	4.540	14½¢	17¢	(4)	½¢		
Tile layers' helpers						Marble setters' helpers							
4.180	4.600	20¢	-	26¢	5½¢	4.980	5.510	-	-	5%	-		
ST. LOUIS, MO.						ST. PAUL, MINN.							
<u>Journeyman</u>						<u>(Scales listed under Minneapolis-St. Paul, Minn.)</u>							
Asbestos workers						Asbestos workers							
6.900	7.530	20¢	17¢	-	-	5.760	6.810	35¢	40¢	-	7¢		
5.650	6.000	20¢	40¢	-	-	5.900	6.300	40¢	55¢	40¢	-		
5.750	6.000	47¢	60¢	5%	-	5.435	5.860	21¢	15¢	-	2¢		
Sewer, over 6 feet, open work						Boilermakers							
6.000	6.250	47¢	60¢	5%	-	4.900	6.300	15¢	20¢	13¢	-		
5.960	6.610	20¢	30¢	14 40¢	3¢	5.550	6.050	15¢	20¢	13¢	-		
5.610	6.360	20¢	30¢	14 40¢	3¢	5.550	6.050	15¢	20¢	13¢	-		
5.535	6.085	18¢	25¢	(2%)	8¢	5.230	5.560	14½¢	17¢	(4)	½¢		
5.600	6.150	40¢	40¢	\$1.000	3¢	SALT LAKE CITY, UTAH							
Cement finishers						<u>Journeyman</u>							
Composition, swing scaffold						Asbestos workers							
5.850	6.400	40¢	40¢	\$1.000	3¢	5.760	6.810	35¢	40¢	-	7¢		
Electricians (inside wiremen)						Boilermakers							
8.6.120	8.6.470	5%	6½%	7%	8½%	5.900	6.300	40¢	55¢	40¢	-		
5.830	6.485	14½¢	17¢	(4)	½¢	5.435	5.860	21¢	15¢	-	2¢		
Elevator constructors						Carpenters							
Engineers—Power equipment operators:						Millwrights							
Building construction:						Piledrivers							
Heavy equipment:						Cement finishers							
Cranes, draglines, shovels, derricks, piledrivers						Composition floor layers and finishing machine							
6.425	6.970	35¢	20¢	-	7¢	5.275	5.995	15¢	20¢	-	-		
						Electricians (inside wiremen)							
						Elevator constructors							
						5.230							

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in

68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per Rate	Rate per Rate	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
SALT LAKE CITY, UTAH—Continued						SAN ANTONIO, TEX.—Continued							
Journeyman—Continued						Journeyman—Continued							
Engineers—Power equipment operators:						Engineers—Power equipment operators:							
Building construction:						Building construction:							
Heavy equipment:						Heavy equipment:							
Derricks	5.890	6.200	35¢	45¢	14 15¢	-	Blade graders (self-propelled), bulldozers, cranes, derricks, drag-lines, hoists (2 drums or more), mixers (14 cubic feet or over), pile-drivers, rollers (5 tons and over), scrapers, winch trucks	5.050	5.550	20¢	20¢	-	-
Piledrivers	6.830	7.150	35¢	45¢	14 15¢	-	Light equipment:						
Tractors with front end loaders:							Air compressors (over 125 cubic feet), hoists (1 drum), rollers (under 5 tons), mixers (less than 14 cubic feet), pumps (2½ inches or larger)						
Up to 1 yard	5.020	5.280	35¢	45¢	14 15¢	-	Glaziers	4.550	5.000	20¢	20¢	-	-
1 to 2 yards	5.330	5.610	35¢	45¢	14 15¢	-	Lathers	4.300	4.550	-	20¢	-	-
2 to 5 yards	5.330	5.610	35¢	45¢	14 15¢	-	Marble setters	5.500	6.000	12½¢	-	-	4¢
Over 5 yards	5.890	6.200	35¢	45¢	14 15¢	-	Mosaic and terrazzo workers	4.500	4.850	-	10¢	-	-
Medium equipment:							Painters	4.500	4.850	-	10¢	-	-
Hoists:							Spray	4.300	4.550	-	20¢	-	-
1 drum	4.940	5.200	35¢	45¢	14 15¢	-	Structural steel spray	4.550	4.800	-	20¢	-	-
2 drums (both in use)	5.420	5.700	35¢	45¢	14 15¢	-	Paperhangers	4.800	5.050	-	20¢	-	-
Mixermobiles	5.330	5.610	35¢	45¢	14 15¢	-	Pipefitters	4.300	4.550	-	20¢	-	-
Tractors (rubber tired)	5.330	5.610	35¢	45¢	14 15¢	-	Plasterers	5.600	6.300	15¢	30¢	-	2¢
Light equipment:							Plumbers	5.625	6.125	-	-	-	4¢
Air compressors	4.830	5.080	35¢	45¢	14 15¢	-	Rodmen	5.600	6.300	15¢	30¢	-	2¢
2 or more	5.020	5.280	35¢	45¢	14 15¢	-	Sheet-metal workers	4.570	4.870	15¢	30¢	-	-
Concrete mixers (skip type)	5.420	5.700	35¢	45¢	14 15¢	-	Stonemasons	5.650	6.200	15¢	15¢	-	-
Heavy construction:							Structural-iron workers	5.000	5.400	20¢	20¢	-	-
Heavy equipment:							Tile layers	4.770	5.070	15¢	30¢	-	-
Power shovels:								4.500	4.850	-	10¢	-	-
Up to 5 cubic yards	5.690	5.990	35¢	45¢	14 15¢	-							
Turnapulls or similar type	5.690	5.990	35¢	45¢	14 15¢	-							
Medium equipment:													
Tractors	5.420	5.700	35¢	45¢	14 15¢	-							
Light equipment:													
Truck cranes	5.690	5.990	35¢	45¢	14 15¢	-							
Glaziers	4.040	4.850	16¢	-	(26)	-							
Lathers	5.240	5.630	25¢	40¢	-	3¢							
Marble setters	3.450	3.450	-	-	(27)	-							
Mosaic and terrazzo workers	4.875	5.200	-	-	(28)	-							
Painters	4.620	4.870	16¢	12¢	-	-							
Swing stage, spray	4.820	5.070	16¢	12¢	-	-							
Paperhangers	4.820	5.070	16¢	12¢	-	-							
Pipefitters	5.750	6.050	21¢	25¢	-	9¢							
Refrigeration fitters	5.000	5.300	21¢	25¢	-	5¢							
Plasterers	5.240	5.810	25¢	20¢	-	-							
Plumbers	5.750	6.050	21¢	25¢	-	9¢							
Rodmen	5.650	6.475	25¢	25¢	-	-							
Roofers, composition	4.750	5.550	10¢	10¢	-	-							
Roofers, slate and tile	4.750	5.550	10¢	10¢	-	-							
Sheet-metal workers	5.260	5.700	18¢	20¢	-	5¢							
Structural-iron workers	5.650	6.475	25¢	25¢	-	-							
Tile layers	4.875	5.200	-	-	(28)	-							
Helpers and laborers						Helpers and laborers							
Bricklayers' tenders	4.400	4.650	15¢	25¢	-	-	Bricklayers' tenders	3.030	3.410	10¢	10¢	-	-
Building laborers	4.055	4.255	15¢	25¢	-	4¢	Building laborers	2.920	3.300	10¢	10¢	-	-
Elevator constructors' helpers	3.660	3.890	14½¢	17¢	(4)	½¢	Elevator constructors' helpers	3.444	3.870	14½¢	17¢	(4)	½¢
Plasterers' laborers	4.625	5.195	20¢	25¢	-	-	Plasterers' laborers	3.290	3.670	10¢	10¢	-	-
Plumbers' laborers	4.055	4.255	15¢	25¢	-	4¢	Tile layers' helpers	2.920	3.300	10¢	10¢	-	-
Terrazzo workers' helpers	4.055	4.255	15¢	25¢	-	4¢							
SAN ANTONIO, TEX.						SAN DIEGO, CALIF.							
Journeyman						Journeyman							
Asbestos workers	5.560	6.310	20¢	20¢	-	-	Asbestos workers	6.750	7.450	38¢	30¢	57¢	7¢
Bricklayers	5.000	5.400	20¢	20¢	-	-	Boilermakers	6.400	6.800	30¢	55¢	40¢	-
Carpenters	4.775	5.175	21¢	30¢	-	-	Bricklayers	5.500	5.940	28¢	40¢	-	16¢
Millwrights	5.075	5.475	21¢	30¢	-	-	Carpenters	5.910	6.210	46¢	55¢	35¢	-
Cement finishers	4.700	5.200	-	-	-	-	Millwrights, parquetry floor layers	6.160	6.460	46¢	55¢	35¢	-
Machine operators	4.950	5.450	-	-	-	-	Shinglers	6.040	6.340	46¢	55¢	35¢	-
Electricians (inside wiremen)	5.570	6.000	15¢	17¢+6¢	-	-	Cement finishers	5.750	6.170	40¢	38¢	50¢	-
Elevator constructors	4.920	5.530	14½¢	17¢	(4)	½¢	Electricians (inside wiremen)	6.750	7.550	20¢	17¢+23¢	-	2¢
							Elevator constructors	6.230	6.630	14½¢	17¢	(4)	½¢
							Engineers—Power equipment operators:						
							Building construction:						
							Heavy equipment:						
							Universal equipment (shovels, draglines, clamshells, or cranes)	6.060	6.660	45¢	80¢	14 30¢	-
							Tractors (bulldozers, tampers, scrapers)	6.060	6.660	45¢	80¢	14 30¢	-

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969	July 1, 1970					Trade or occupation	July 1, 1969	July 1, 1970				
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
SAN DIEGO, CALIF.—Continued						SAN FRANCISCO-OAKLAND, CALIF.—Continued							
Journeyman—Continued						Journeyman—Continued							
Engineers—Power equipment operators:						Cement finishers	\$ 5.370	\$ 5.620	36¢	75¢	75¢	-	
Building construction:						Composition	5.530	5.870	36¢	75¢	75¢	-	
Medium equipment:						Swing scaffold	5.620	5.870	36¢	75¢	75¢	-	
A-Frame boom trucks	\$ 6.060	\$ 6.660	45¢	80¢	14 30¢	Electricians (inside wiremen):							
Motor patrols, including power blades	6.160	6.760	45¢	80¢	14 30¢	San Francisco	76.772	77.120	39 1/2¢	13 1/2¢	13 1/2¢	29 8%+10¢	
Light equipment:						Oakland	69.900	67.810	2 1/2%	4%	13 10%	1%	
Air compressors	5.180	5.780	45¢	80¢	14 30¢	Elevators constructors	6.910	7.580	14 1/2¢	17¢	(*)	1/2¢	
Concrete mixers (skip type)	5.420	6.020	45¢	80¢	14 30¢	Engineers—Power equipment operators:							
Heavy construction:						Building and heavy construction:							
Heavy equipment:						Compressors	5.400	5.780	50 1/2¢	62 1/2¢	14 40¢	14¢	
Universal equipment (shovels, draglines, or cranes)	6.160	6.760	45¢	80¢	14 30¢	Compressors (2-6)	6.030	6.450	50 1/2¢	62 1/2¢	14 40¢	14¢	
Tractors (scrapers, or drag-type shovels)	6.060	6.660	45¢	80¢	14 30¢	Materials hoists (1 drum)	5.890	6.300	50 1/2¢	62 1/2¢	14 40¢	14¢	
Medium equipment:						Small rubber tired tractors	6.110	6.540	50 1/2¢	62 1/2¢	14 40¢	14¢	
Concrete and mobile mixers	6.060	6.660	45¢	80¢	14 30¢	Tractors, dozers, scrapers, sheet foot, self-propelled compactor with dozer, and push carts	6.460	6.910	50 1/2¢	62 1/2¢	14 40¢	14¢	
Light equipment:						Euclide, T-pulls, DW 20, 21 and similar (with earth moving equipment over 45 cubic yards "stuck" MCR)	6.460	6.910	50 1/2¢	62 1/2¢	14 40¢	14¢	
Skip loaders:						Tractors (with boom) D-6 or larger, and similar	6.600	7.060	50 1/2¢	62 1/2¢	14 40¢	14¢	
3/4 yard or less (without drag)	5.420	6.020	45¢	80¢	14 30¢	Cranes (not over 25 tons), hammerhead and gantry	6.810	7.280	50 1/2¢	62 1/2¢	14 40¢	14¢	
Over 3/4 yard to 1 1/2 yard (wheel type)	5.960	6.560	45¢	80¢	14 30¢	Power shovels, clamshells, draglines, backhoes, gradalls: Up to and including 1 yard	6.810	7.280	50 1/2¢	62 1/2¢	14 40¢	14¢	
Over 1 1/2 yards	6.060	6.660	45¢	80¢	14 30¢	Over 1 yard and including 7 cubic yards	6.900	7.380	50 1/2¢	62 1/2¢	14 40¢	14¢	
Glaziers	5.690	6.190	20¢	20¢	(2¢)	Universal Liebherr and tower cranes, and similar types	6.900	7.380	50 1/2¢	62 1/2¢	14 40¢	14¢	
Lathers	5.770	6.470	20¢	50¢	13 50¢	Glaziers:							
Marble setters	5.570	5.960	20¢	35¢	50¢	San Francisco	5.980	6.605	30¢	35¢	13 55¢	21¢	
Mosaic and terrazzo workers	5.570	5.960	20¢	35¢	50¢	Oakland	5.980	6.605	30¢	35¢	13 55¢	21¢	
Painters	5.790	6.490	44¢	34¢	40¢	Lathers:							
Spray	6.040	6.740	44¢	34¢	40¢	San Francisco	5.990	6.340	28¢	57¢	14 1,000	5¢	
Swing stage	6.040	6.740	44¢	34¢	40¢	Oakland	6.540	6.190	34¢	38 1/2¢	13 45¢	52 1/2¢	
Paperhangers	6.290	6.990	44¢	34¢	40¢	Machinists:							
Pipefitters	6.600	7.450	10%	16%	14 13%	San Francisco	6.660	7.010	25 1/2¢	16¢	-	-	
Refrigeration fitters	6.600	7.350	10%	16%	14 13%	Oakland	6.660	7.010	25 1/2¢	16¢	-	-	
Plasterers	6.600	7.050	35¢	30¢	50¢	Marble setters	6.190	6.490	20¢	30¢	53¢	-	
Plumbers	5.790	7.450	10%	16%	14 13%	Mosaic and terrazzo workers	76.040	76.390	43¢	58¢	40¢	10¢	
Roofers, composition	6.100	6.370	90 1/2¢	32 1/2¢	25¢	Painters	76.070	76.570	39¢	40¢	40¢	40¢	
Roofers, slate and tile	5.150	5.250	19¢	-	-	Paperhangers	76.070	76.570	39¢	40¢	40¢	40¢	
Sheet-metal workers	5.150	5.250	19¢	-	-	Pipefitters:							
Structural-iron workers	6.230	6.480	90 1/2¢	32 1/2¢	25¢	San Francisco	77.300	77.520	\$1.410	63 1/2¢	31 1/2¢	\$1.370	
Tile layers	5.570	5.960	20¢	35¢	50¢	Sprinkler fitters	68.735	69.345	20¢	30¢	-	2¢	
Helpers and laborers						Helpers and laborers							
Bricklayers' tenders	4.560	4.860	25¢	30¢	30¢	Refrigeration fitters	77.300	77.520	\$1.410	63 1/2¢	31 1/2¢	\$1.370	
Building laborers	4.430	4.630	25¢	30¢	30¢	Oakland	67.895	69.415	30¢	65¢	-	-	
Elevator constructors' helpers	4.380	4.640	14 1/2¢	17¢	(*)	Plasterers:							
Marble setters' helpers	4.800	5.190	20¢	35¢	50¢	San Francisco	6.500	6.500	33¢	55¢	\$1.430	5¢	
Plasterers' laborers	6.000	6.700	25¢	30¢	30¢	Oakland	6.540	6.620	47 1/2¢	35¢	13 50¢	11¢	
Terrazzo workers' helpers	4.230	4.530	-	20¢	13 65¢	Plumbers:							
Base machine	4.630	4.930	-	20¢	13 65¢	San Francisco	77.300	77.520	\$1.410	63 1/2¢	31 1/2¢	\$1.370	
Tile layers' helpers	4.800	5.190	20¢	35¢	50¢	Oakland	68.570	69.420	35¢	65¢	-	13¢	
SAN FRANCISCO-OAKLAND, CALIF.						SAN FRANCISCO-OAKLAND, CALIF.							
(Scales are the same for both cities unless otherwise indicated)						(Scales are the same for both cities unless otherwise indicated)							
Journeyman						Journeyman							
Asbestos workers	6.670	7.320	40¢	37¢	90¢	3¢	Rodmen:						
Boilermakers:							San Francisco	6.100	6.370	30 1/2¢	30¢	25¢	-
San Francisco	6.400	6.800	30¢	55¢	40¢	-	Oakland	6.100	6.370	33¢	32 1/2¢	25¢	-
Oakland	6.400	6.800	30¢	55¢	40¢	-	Roofers, composition:						
Bricklayers:							San Francisco	6.500	6.000	35¢	55¢	55¢	10¢
San Francisco	76.250	77.000	58¢	58¢	14 45¢	20¢	Oakland	6.500	6.450	36¢	40¢	25¢	10¢
Oakland	75.820	76.130	40¢	36¢	40¢	10¢	Roofers, slate and tile:						
Carpenters:							San Francisco	6.500	6.000	35¢	55¢	55¢	10¢
Floor layers, shinglers	6.360	7.030	45¢	50¢	15¢	36¢	Oakland	6.500	6.450	36¢	40¢	25¢	10¢
Millwrights	6.610	7.280	45¢	50¢	15¢	36¢	Sheet-metal workers:						
							San Francisco	76.800	77.170	38¢	45¢	61¢	8 1/2¢
							Oakland	66.690	67.190	38¢	50¢	7%	3%+7¢

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970				
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹				
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³	
SAN FRANCISCO-OAKLAND, CALIF.—Continued						SCRANTON, PA.—Continued								
<u>Journeyman—Continued</u>						<u>Journeyman—Continued</u>								
Stonemasons:	\$	\$					\$	\$						
San Francisco	75.250	77.000	58¢	58¢	1445¢	20¢	4.620	5.060	42¢	47¢	-	-	-	-
Oakland	75.820	76.130	40¢	36¢	40¢	10¢	4.620	5.060	42¢	47¢	-	-	-	-
Structural and ornamental-iron workers:							5.800	6.300	15¢	10¢	-	-	-	-
San Francisco	6.230	6.480	30½¢	30¢	25¢	-	5.275	6.325	23¢	50¢	-	-	-	4¢
Fence	6.030	6.280	30½¢	30¢	25¢	-	6.500	7.250	23½¢	66½¢	-	-	-	-
Oakland	6.230	6.480	33¢	32½¢	25¢	-	5.500	6.500	25¢	50¢	-	-	-	-
Tile layers	6.300	6.600	44¢	50¢	8%	3¢								
<u>Helpers and laborers</u>						<u>Helpers and laborers</u>								
Bricklayers' tenders:							Bricklayers' tenders	4.250	4.600	23¢	25¢	-	-	3¢
San Francisco	76.350	76.500	25¢	30¢	50¢	-	Building laborers	4.100	4.450	23¢	25¢	-	-	3¢
Oakland	75.425	75.425	30¢	22½¢	-	10½¢	Composition roofers'	4.395	4.979	42¢	47¢	-	-	-
Building laborers	4.675	4.935	40¢	50¢	1450¢	4¢	helpers	3.860	4.110	14½¢	17¢	(4)	-	½¢
Concrete	4.775	5.035	40¢	50¢	150¢	4¢	Elevator constructors'	4.550	5.550	-	-	-	-	-
Elevator constructors'							helpers	4.250	4.600	23¢	25¢	-	-	3¢
San Francisco	4.840	5.310	14½¢	17¢	(4)	½¢	Plumbers' laborers	4.250	4.600	23¢	25¢	-	-	3¢
helpers							helpers	4.250	4.600	23¢	25¢	-	-	3¢
Marble setters'							Tile layers' helpers	4.650	5.650	-	-	-	-	-
San Francisco	5.120	5.540	12½¢	30¢	45¢	-		4.550	5.550	-	-	-	-	-
helpers														
Plasterers' laborers:							SEATTLE, WASH.							
San Francisco	156.450	166.250	25¢	40¢	70¢	5¢	<u>Journeyman</u>							
Oakland	1305.695	1306.295	35¢	32½¢	-	10½¢	Asbestos workers	5.870	6.620	25¢	30¢	-	-	-
Terrazzo workers'							Boilermakers	5.900	6.300	30¢	55¢	40¢	-	-
San Francisco	75.305	75.305	25½¢	10¢	39¢	10¢	Bricklayers	6.500	6.950	35¢	25¢	25¢	-	2¢
helpers							Carpenters	5.700	6.100	25¢	25¢	-	-	2¢
Base machine	75.705	75.705	25½¢	10¢	39¢	10¢	Floor layers, shinglers	5.800	6.230	25¢	25¢	-	-	2¢
Tile layers' helpers	5.300	5.550	38¢	36¢	148%	3¢	Millwrights	5.850	6.250	25¢	25¢	-	-	2¢
							Piledrivers, bridge and							
SCRANTON, PA.						SCRANTON, PA.								
<u>Journeyman</u>						<u>Journeyman</u>								
Asbestos workers	5.275	6.175	25¢	15¢	42½¢	-	dock	5.850	6.250	25¢	25¢	-	-	2¢
Bricklayers	5.245	76.325	25¢	50¢	-	4¢	Cement finishers	5.790	6.190	25¢	20¢	-	-	2¢
Carpenters	4.600	5.150	23½¢	35¢	-	5½¢	Floor layers, composition	6.040	6.440	25¢	20¢	-	-	2¢
Millwrights	5.180	5.680	23½¢	35¢	-	5½¢	and mastic							
Cement finishers	5.000	5.500	20¢	40¢	-	3¢	Electricians (inside	6.245	7.245	14¢	1%	-	-	1¢
Electricians (inside							wiremen)	5.750	6.370	14½¢	17¢	(4)	-	½¢
wiremen)	5.075	6.125	27½¢	50¢	-	10¢	Elevator constructors							
Elevator constructors	5.480	5.870	14½¢	17¢	(4)	½¢	Engineers—Power equipment							
Engineers—Power equipment							operators:							
Building construction:							Building construction:							
Heavy equipment:							Heavy equipment:							
Cranes (all types),							Shovels and cranes,							
derricks, power							all crawler and							
shovels	6.400	6.910	20¢	35¢	-	-	truck types	6.500	6.950	35¢	50¢	-	-	2¢
Medium equipment:							Bulldozers	6.130	6.580	35¢	50¢	-	-	2¢
Tournapulls,							Carryall type	6.130	6.580	35¢	50¢	-	-	2¢
carryalls	5.790	6.260	20¢	35¢	-	-	scrapers (single)							
Bulldozers,							Medium equipment:							
tractors	5.790	6.260	20¢	35¢	-	-	Hoists	6.240	6.610	35¢	50¢	-	-	2¢
Light equipment:							Mixers, other than							
Welding machines	5.280	5.690	20¢	35¢	-	-	paving:							
Compressors,							200 yards and							
pumps	5.280	5.690	20¢	35¢	-	-	under	6.160	6.610	35¢	50¢	-	-	2¢
Heavy construction:							Over 200 yards	6.450	6.900	35¢	50¢	-	-	2¢
Heavy equipment:							Piledrivers	6.500	6.950	35¢	50¢	-	-	2¢
Cranes (all types),							Light equipment:							
power shovels,							Forklifts or lumber							
cableways	6.400	6.910	20¢	35¢	-	-	stackers (on con-							
Medium equipment:							struction job							
Tournapulls,							site)	6.130	6.580	35¢	50¢	-	-	2¢
carryalls	5.790	6.260	20¢	35¢	-	-	Compressors,							
Bulldozers,							excavating	5.860	6.310	35¢	50¢	-	-	2¢
tractors	5.790	6.260	20¢	35¢	-	-	Glaziers	5.050	5.540	15¢	20¢	-	-	2¢
Light equipment:							Lathers	5.750	6.725	28¢	20¢	-	-	10¢
Welding machines	5.280	5.690	20¢	35¢	-	-	Marble setters	6.250	7.200	35¢	25¢	25¢	-	2¢
Compressors,							Mosaic and terrazzo							
pumps	5.280	5.690	20¢	35¢	-	-	workers	5.600	6.550	35¢	25¢	25¢	-	2¢
Glaziers	4.910	4.910	12¢	15¢	-	-	Painters	5.700	5.940	31¢	25¢	-	-	2¢
Lathers	5.800	6.300	-	10¢	-	-	Structural steel,							
Marble setters	5.500	6.500	25¢	50¢	-	-	spray	5.900	6.140	31¢	25¢	-	-	2¢
Mosaic and terrazzo							Paperhangers	5.700	5.940	31¢	25¢	-	-	2¢
workers	5.500	6.500	25¢	50¢	-	-	Pipefitters	5.900	6.250	27¢	30¢	38¢	-	4¢
Painters	4.000	4.650	25¢	-	-	-	Plasterers	5.480	6.505	30¢	25¢	-	-	10¢
Swing, steel, spray	4.500	5.650	25¢	-	-	-	Plumbers	5.900	6.250	27¢	30¢	38¢	-	4¢
Paperhangers	4.000	4.650	25¢	-	-	-	Rodmen	5.700	6.220	40¢	25¢	-	-	-
Pipefitters	5.190	5.940	23¢	50¢	-	6¢	Roofers, composition	5.680	6.180	20¢	20¢	-	-	-
Plasterers	5.150	5.650	20¢	40¢	-	3¢	Roofers, slate and tile	5.930	6.430	20¢	20¢	-	-	-
Plumbers	5.390	6.140	23¢	30¢	-	3¢	Sheet-metal workers	6.170	6.570	22¢	30¢	-	-	5¢
Residential	4.765	5.465	23¢	30¢	-	3¢	Stonemasons	6.500	7.200	35¢	25¢	25¢	-	2¢
Rodmen	6.400	7.150	23½¢	66½¢	-	-	Structural-iron workers	5.850	6.330	40¢	25¢	-	-	-
							Tile layers	5.250	5.950	35¢	25¢	25¢	-	6¢

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969	July 1, 1970				Trade or occupation	July 1, 1969	July 1, 1970					
	Rate per hour	Rate per hour	Employer contributions to fund ¹				Rate per hour	Rate per hour	Employer contributions to fund ¹				
			Insur- ance ²	Pen- sion	Vaca- tion pay				Other ³	Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
SEATTLE, WASH.—Continued						SOUTH BEND, IND.							
Helpers and laborers						Journeyman							
Bricklayers' tenders	4.900	5.200	30¢	30¢	-	4¢	Asbestos workers	6.875	8.125	-	-	-	-
Building laborers	4.600	4.900	30¢	30¢	-	4¢	Boilermakers	6.200	6.800	20¢	30¢	-	-
Elevator constructors' helpers	4.025	4.460	14½¢	17¢	(⁴)	½¢	Bricklayers	6.750	7.350	25¢	25¢	-	-
Marble setters' helpers	4.650	5.150	35¢	-	30¢	-	Carpenters	5.750	6.750	20¢	25¢	-	-
Plasterers' laborers	4.900	5.200	30¢	30¢	-	4¢	Residential	5.400	6.400	20¢	25¢	-	-
Plumbers' laborers	4.600	4.900	30¢	30¢	-	4¢	Cement finishers	5.750	6.770	20¢	20¢	-	-
Terrazzo workers' helpers	4.650	5.150	35¢	-	30¢	-	Electricians (inside wiremen)	6.200	6.800	2½% ³	1%	-	-
Tile layers' helpers	4.650	5.150	35¢	-	30¢	-	Elevator constructors	6.350	6.350	14½¢	17¢	(⁴)	½¢
SHREVEPORT, LA.						Engineers—Power equipment operators:							
Journeyman						Building and heavy construction:							
Asbestos workers	5.725	6.225	15¢	17½¢	-	-	Heavy equipment:						
Boilermakers	5.500	6.000	30¢	40¢	-	-	Cranes, derricks, draglines, shovels, piledrivers	5.600	7.000	30¢	30¢	-	-
Bricklayers	5.500	5.500	-	-	-	-	Medium equipment:						
Carpenters	4.900	5.400	-	-	-	-	Bulldozers, scoops, scraper wagons, tournapulls	5.260	6.460	30¢	30¢	-	-
Millwrights	5.400	5.900	-	-	-	-	Light equipment:						
Piledrivers	5.150	5.650	-	-	-	-	1-drum hoists, rollers, stone crushers	5.090	6.460	30¢	30¢	-	-
Cement finishers	4.550	5.050	-	-	-	-	Automatic hoists	4.970	6.460	30¢	30¢	-	-
Troweling machine	4.800	5.300	-	-	-	-	Glaziers	5.200	5.500	-	20¢	4%	-
Electricians (inside wiremen)	5.500	5.900	17½¢	19%	-	-	Lathers	5.720	7.460	23¢	25¢	-	-
Elevator constructors	5.090	5.400	17¢	18½¢	(⁴)	-	Marble setters	5.650	6.300	15¢	20¢	-	-
Engineers—Power equipment operators:							Mosaic and terrazzo workers	5.650	6.300	15¢	20¢	-	-
Air compressors	4.390	4.940	10¢	15¢	-	-	Painters	4.900	5.550	-	20¢	-	-
Bulldozers, 6S and over	5.200	5.750	10¢	15¢	-	-	Paperhangers	4.900	5.550	-	20¢	-	-
Cranes, derricks, draglines	5.200	5.750	10¢	15¢	-	-	Pipefitters	5.995	6.845	27¢	30¢	-	8¢
Finishing machines	4.600	5.150	10¢	15¢	-	-	Plasterers	5.830	7.030	20¢	20¢	-	-
Hoists:							Plumbers	5.995	6.845	27¢	30¢	-	8¢
4 stories	5.200	5.750	10¢	15¢	-	-	Rodmen	6.250	7.200	25¢	45¢	-	-
Under 4 stories	4.390	4.940	10¢	15¢	-	-	Roofers, composition	5.650	6.650	-	20¢	-	-
Mixers:							Roofers, slate and tile	5.800	6.800	-	20¢	-	-
16S and over	5.200	5.750	10¢	15¢	-	-	Sheet-metal workers	5.900	6.700	25¢	25¢	-	5¢
Under 16S	4.390	4.940	10¢	15¢	-	-	Stonemasons	6.750	7.350	25¢	25¢	-	-
Pumps	4.390	4.940	10¢	15¢	-	-	Structural-iron workers	6.250	7.200	25¢	45¢	-	-
Rollers:							Tile layers	5.650	6.300	15¢	20¢	-	-
Asphalt	5.200	5.750	10¢	15¢	-	-	Helpers and laborers						
Other than asphalt	4.600	5.150	10¢	15¢	-	-	Bricklayers' tenders	4.415	5.165	13¢	20¢	-	2¢
Scrapers	5.200	5.750	10¢	15¢	-	-	Building laborers	4.250	5.000	13¢	20¢	-	2¢
Glaziers	4.050	4.300	-	-	-	-	Sewer diggers and jack hammers	4.415	5.165	13¢	20¢	-	2¢
Lathers	5.000	5.375	-	-	-	3¢	Elevator constructors' helpers	4.445	4.445	14½¢ ⁽³⁾	17¢	(⁴)	½¢
Marble setters	4.000	5.000	-	-	-	-	Marble setters' helpers	4.600	5.250	-	-	-	-
Mosaic and terrazzo workers	4.000	5.000	-	-	-	-	Plasterers' laborers	4.250	5.000	13¢	20¢	-	2¢
Painters	4.750	5.000	-	-	-	-	Plumbers' laborers	4.250	5.000	13¢	20¢	-	2¢
Steel and swing stage:							Terrazzo workers' helpers	4.600	5.250	(³³)	-	-	-
Exceeding 30 feet	5.000	5.250	-	-	-	-	Base machine	4.800	5.450	(³³)	-	-	-
Exceeding 75 feet	5.250	5.500	-	-	-	-	Tile layers' helpers:						
Spray	5.850	5.850	-	-	-	-	Agreement A	4.415	5.165	13¢	20¢	-	2¢
Paperhangers	4.750	5.000	-	-	-	-	36 inches and over	4.945	5.695	13¢	20¢	-	2¢
Pipefitters	5.560	6.090	-	30¢	15¢	2¢	Agreement B	4.600	5.250	(³³)	-	-	-
Plasterers	4.875	5.250	-	-	-	4¢	SPOKANE, WASH.						
Plumbers	5.560	6.090	-	30¢	15¢	2¢	Journeyman						
Rodmen	5.050	5.500	10¢	15¢	-	4¢	Asbestos workers	5.750	6.350	25¢	37¢	-	-
Roofers, composition	4.050	4.350	-	-	-	2¢	Boilermakers	5.900	6.300	30¢	55¢	40¢	-
Roofers, slate and tile	4.050	4.350	-	-	-	2¢	Bricklayers	6.010	6.410	20¢	-	25¢	-
Sheet-metal workers	5.050	5.300	20¢	15¢	-	5¢	Carpenters	5.580	5.930	35¢	30¢	-	1¢
Stonemasons	5.500	5.500	-	-	-	-	Millwrights	5.830	6.180	35¢	30¢	-	1¢
Structural-iron workers	5.050	5.500	10¢	15¢	-	4¢	Piledrivers	5.730	6.080	35¢	30¢	-	1¢
Sheeters	5.300	5.750	10¢	15¢	-	4¢	Cement finishers	5.750	6.200	20¢	20¢	-	-
Tile layers	4.000	5.000	-	-	-	-	Electricians (inside wiremen)	5.574	6.129	25¢	1%	138%	2¢
Helpers and laborers						Engineers—Power equipment operators:							
Bricklayers' tenders	2.700	3.050	-	-	-	-	Building construction:						
Building laborers	2.600	2.950	-	-	-	-	Heavy equipment:						
Airjack	2.800	3.150	-	-	-	-	Cranes, derricks	6.200	6.600	40¢	35¢	-	1¢
Composition roofers' helpers	2.600	2.700	-	-	-	2¢	Hoists, 2 drums or more	5.900	6.300	40¢	35¢	-	1¢
Elevator constructors' helpers	3.560	3.780	17¢	18½¢	(⁴)	-							
Marble setters' helpers	2.200	2.800	-	-	-	-							
Plasterers' laborers	2.700	3.050	-	-	-	-							
Mortar mixers	2.750	3.100	-	-	-	-							
Terrazzo workers' helpers	2.600	2.800	-	-	-	-							
Floor and base machine	2.950	3.150	-	-	-	-							
Tile layers' helpers	2.200	2.800	-	-	-	-							

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970					Trade or occupation	July 1, 1969		July 1, 1970						
	Rate per hour	Rate per hour	Employer contribution to fund ¹						Rate per hour	Rate per hour	Employer contribution to fund ¹						
			Insurance ²	Pension	Vacation pay	Other ³				Insurance ²	Pension	Vacation pay	Other ³				
SPOKANE, WASH.—Continued						Journeyman—Continued						SPRINGFIELD, MASS.—Continued					
Engineers—Power equipment operators—Continued						Building construction—Continued						Engineers—Power equipment operators—Continued					
Medium equipment: Mixermobiles, pumpcretes (link-belt or similar)						Light equipment: Compressors: 1 only (portable)						Building construction—Continued					
Medium equipment: Mixermobiles, pumpcretes (link-belt or similar)						Light equipment: Compressors: 2 or more (portable)						Medium equipment: Graders					
Pumps						Heavy construction: Heavy equipment: Power shovels; shovel rigged machines (cranes, etc.)						Scrapers, bulldozers					
Power shovels, over 3 yards (factory rating)						Tractors						Light equipment: Boilers					
Tractors						Highline cableways						Single drum hoists, rollers, material spreaders					
Highline cableways						Medium equipment: Derricks, pile-drivers						Pumps (4 inches and over)					
Medium equipment: Derricks, pile-drivers						Light equipment: Traxcavators and similar loaders						Heavy construction: Heavy equipment: Cranes, derricks, shovels, trenching machines, pile-drivers					
Light equipment: Traxcavators and similar loaders						Compressors: 1 only (portable)						Medium equipment: Graders					
Compressors: 2 or more (portable)						Pumps						Scrapers, bulldozers					
Pumps						Glaziers						Light equipment: Boilers					
Glaziers						Lathers						Hoists, rollers, material spreaders					
Lathers						Marble setters						Glaziers					
Marble setters						Mosaic and terrazzo workers						Lathers					
Mosaic and terrazzo workers						Painters						Marble setters					
Painters						Spray						Mosaic and terrazzo workers					
Spray						Structural steel						Painters					
Structural steel						Paperhangers						Spray					
Paperhangers						Pipefitters						Paperhangers					
Pipefitters						Plasterers						Pipefitters					
Plasterers						Plumbers						Plasterers					
Plumbers						Rodmen						Plumbers					
Rodmen						Roofers, composition						Roofers, composition					
Roofers, composition						Roofers, slate and tile						Roofers, slate and tile					
Roofers, slate and tile						Sheet-metal workers						Sheet-metal workers					
Sheet-metal workers						Stonemasons						Stonemasons					
Stonemasons						Structural-iron workers						Structural-iron workers					
Structural-iron workers						Tile layers						Tile layers					
Tile layers						Helpers and laborers						Helpers and laborers					
Helpers and laborers						Bricklayers' tenders						Bricklayers' tenders					
Bricklayers' tenders						Building laborers						Building laborers					
Building laborers						Elevator constructors' helpers						Elevator constructors' helpers					
Elevator constructors' helpers						Marble setters' helpers						Marble setters' helpers					
Marble setters' helpers						Plasterers' laborers						Plasterers' laborers					
Plasterers' laborers						Terrazzo workers' helpers						Terrazzo workers' helpers					
Terrazzo workers' helpers						Tile layers' helpers						Tile layers' helpers					
Tile layers' helpers						SYRACUSE, N. Y.						SYRACUSE, N. Y.					
SYRACUSE, N. Y.						Journeyman						Journeyman					
Journeyman						Asbestos workers						Asbestos workers					
Asbestos workers						Boilermakers						Boilermakers					
Boilermakers						Bricklayers						Bricklayers					
Bricklayers						Carpenters						Carpenters					
Carpenters						Cement finishers						Cement finishers					
Cement finishers						Electricians (inside wiremen)						Electricians (inside wiremen)					
Electricians (inside wiremen)						Elevator constructors						Elevator constructors					
Elevator constructors						Engineers—Power equipment operators: Building construction: Heavy equipment: Cranes, 3-drum hoists, shovels, trenching machines, piledrivers						Engineers—Power equipment operators: Building construction: Heavy equipment: Cranes, piledrivers 2- and 3-drum hoists					
Engineers—Power equipment operators: Building construction: Heavy equipment: Cranes, 3-drum hoists, shovels, trenching machines, piledrivers												Engineers—Power equipment operators: Building construction: Heavy equipment: Cranes, piledrivers 2- and 3-drum hoists					

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected fund in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contributions to fund ¹					Rate per hour	Rate per hour	Employer contributions to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
SYRACUSE, N. Y.—Continued							TAMPA, FLA.—Continued						
Journeyman—Continued							Journeyman—Continued						
Engineers—Power equipment operators—Continued							Engineers—Power equipment operators—Continued						
Building construction—Continued							Trench machines:	\$	\$				
Medium equipment:							Under 24 inches -----	3.290	3.695	22½¢	20¢	-	2½¢
1-drum hoists, pumps (4 inches and over) -----	5.365	5.925	30¢	30¢	-	53½¢	Over 24 inches -----	4.365	5.070	22½¢	20¢	-	2½¢
Compressors (215 cubic feet and over) -----	5.365	5.925	30¢	30¢	-	53½¢	Cranes, derricks, draglines -----	5.320	6.055	22½¢	20¢	-	2½¢
Light equipment:							Bulldozers -----	4.155	4.850	22½¢	20¢	-	2½¢
Welding machines, pumps (under 4 inches) -----	4.590	5.150	30¢	30¢	-	53½¢	Pumps -----	3.515	3.925	22½¢	20¢	-	2½¢
Harmon Nelson heaters or their equivalent -----	4.590	5.150	30¢	30¢	-	53½¢	Glaziers -----	4.350	4.650	20¢	-	-	-
Heavy construction:							Lathers -----	4.350	4.450	21¢	10¢	54½¢	9½¢
Heavy equipment:							Machinists -----	5.500	6.000	-	-	(26)	-
Power shovels, cranes -----	5.700	5.700	25¢	25¢	-	53½¢	Marble setters -----	4.700	5.200	15¢	20¢	-	2½¢
Scrapers -----	5.500	5.500	25¢	25¢	-	53½¢	Mosaic and terrazzo workers -----	4.700	5.200	15¢	20¢	-	2½¢
Medium equipment:							Painters -----	3.900	4.300	10¢	-	-	-
Bulldozers (under D6), compressors (215 cubic feet and over) -----	5.500	5.500	25¢	25¢	-	53½¢	Spray -----	4.150	4.500	10¢	-	-	-
Pumps (over 4 inches) -----	5.150	5.150	25¢	25¢	-	53½¢	Structural steel -----	4.450	4.900	10¢	-	-	-
Light equipment:							Paperhangers -----	4.150	4.800	10¢	-	-	-
Compressors (under 215 cubic feet) -----	4.500	4.500	25¢	25¢	-	53½¢	Pipefitters -----	4.900	5.450	25¢	30¢	10¢	10¢
Mixers (under 21E), tractors -----	5.150	5.510	25¢	25¢	-	53½¢	Plasterers -----	4.750	5.150	17½¢	23¢	-	2½¢
Glaziers -----	5.600	6.150	30¢	-	-	-	Plumbers -----	4.900	5.450	25¢	30¢	10¢	10¢
Lathers -----	5.700	6.200	27½¢	30¢	-	3¢	Rodmen -----	5.050	5.850	30¢	25¢	10¢	2½¢
Marble setters -----	6.415	7.015	36¢	20¢	-	-	Roofers, composition -----	4.150	4.650	20¢	-	-	-
Mosaic and terrazzo workers -----	6.415	7.015	36¢	20¢	-	-	Roofers, slate and tile -----	4.150	4.650	20¢	-	-	-
Painters -----	5.200	5.200	30¢	35¢	-	-	Sheet-metal workers -----	5.100	5.850	20¢	10¢	-	7¢
Spray -----	5.550	5.550	30¢	35¢	-	-	Stonemasons -----	4.700	5.200	15¢	-	-	2½¢
Structural steel -----	5.650	5.650	30¢	35¢	-	-	Structural-iron workers -----	5.050	5.850	30¢	25¢	10¢	2½¢
Paperhangers -----	5.200	5.200	30¢	35¢	-	-	Tile layers -----	4.700	5.200	15¢	20¢	-	2½¢
Pipefitters -----	6.100	7.025	30¢	30¢	-	-							
Plasterers -----	5.975	5.975	15¢	10¢	-	-	Helpers and laborers						
Plumbers -----	5.900	6.400	35¢	35¢	-	4½¢	Bricklayers' tenders -----	3.125	3.725	12½¢	-	-	2½¢
Rodmen -----	6.300	6.450	30¢	35¢	-	2½¢	Building laborers -----	2.975	3.575	12½¢	-	-	2½¢
Roofers, composition -----	5.950	6.950	25¢	30¢	-	-	Composition roofers' helpers -----	2.100	2.400	20¢	-	-	-
Roofers, slate and tile -----	5.950	6.950	25¢	30¢	-	-	Elevator constructors' helpers -----	3.470	3.770	14½¢	17¢	(*)	½¢
Sheet-metal workers -----	6.165	7.115	25¢	30¢	-	5¢	Plasterers' laborers -----	3.125	3.725	12½¢	-	-	2½¢
Structural-iron workers -----	6.300	6.450	30¢	35¢	-	2½¢							
Tile layers -----	6.415	7.015	36¢	20¢	-	-	TOLEDO, OHIO						
Helpers and laborers							Journeyman						
Building laborers -----	4.800	5.400	40¢	30¢	-	2½¢	Asbestos workers -----	6.920	7.720	20¢	15¢	-	-
Elevator constructors' helpers -----	4.030	4.375	14½¢	17¢	(*)	½¢	Boilermakers -----	6.750	6.750	25¢	50¢	-	-
Marble setters' helpers -----	5.325	5.925	36¢	20¢	-	-	Bricklayers -----	6.805	7.655	35¢	30¢	-	1¢
Plasterers' laborers -----	4.900	5.500	40¢	30¢	-	2½¢	Carpenters -----	6.245	7.780	25¢	25¢	-	-
Terrazzo workers' helpers -----	5.325	5.925	36¢	20¢	-	-	Cement finishers -----	6.435	7.970	30¢	-	-	2¢
Tile layers' helpers -----	5.325	5.925	36¢	20¢	-	-	Electricians (inside wiremen) -----	7.100	8.000	20¢	16%+55¢	-	-
							Elevator constructors -----	6.200	7.230	14½¢	17¢	(*)	½¢
TAMPA, FLA.							Engineers—Power equipment operators:						
Journeyman							Building and heavy construction:						
Asbestos workers -----	5.500	5.990	20¢	15¢	-	-	Heavy equipment:						
Boilermakers -----	5.100	5.350	20¢	40¢	-	-	Cranes, power shovels, derricks -----	6.385	6.780	28¢	35¢	-	-
Bricklayers -----	4.700	5.200	15¢	20¢	-	2½¢	Medium equipment:						
Carpenters -----	4.500	5.100	15¢	-	-	2½¢	Bulldozers, power, graders, power scoops -----	6.245	6.630	28¢	35¢	-	-
Millwrights -----	4.940	5.350	25¢	45¢	-	2½¢	Light equipment:						
Piledrivers -----	4.750	5.350	15¢	-	-	2½¢	Compressors, portable -----	5.970	6.080	28¢	35¢	-	-
Cement finishers -----	4.100	4.700	15¢	20¢	-	2½¢	Pumps, 4 inches and over -----	5.970	6.080	28¢	35¢	-	-
Electricians (inside wiremen) -----	5.100	5.800	15¢	1% -	-	-	Rollers, asphalt -----	5.970	6.080	28¢	35¢	-	-
Elevator constructors -----	4.960	5.390	14½¢	17¢	(*)	½¢	Glaziers -----	5.680	6.875	20¢	25¢	-	-
Engineers—Power equipment operators:							Swing stage -----	5.930	7.125	20¢	25¢	-	-
Air compressors:							Lathers -----	6.060	6.900	25¢	-	-	1¢
Under 125 feet -----	2.800	3.695	22½¢	20¢	-	2½¢	Marble setters -----	6.805	7.655	35¢	30¢	-	1¢
125 feet or over -----	3.765	4.185	22½¢	20¢	-	2½¢	Mosaic and terrazzo workers -----	5.740	6.440	35¢	25¢	25¢	-
Hoists (material) -----	3.515	3.925	22½¢	20¢	-	2½¢	Painters -----	5.870	6.320	35¢	15¢	-	-
Elevator -----	4.365	5.070	22½¢	20¢	-	2½¢	Spray -----	6.420	6.870	35¢	15¢	-	-
2-drum -----	5.320	6.055	22½¢	20¢	-	2½¢	Swing:						
Mixers:							Brush -----	6.170	6.620	35¢	15¢	-	-
Under 2 bags -----	2.800	3.695	22½¢	20¢	-	2½¢	Spray -----	6.720	7.170	35¢	15¢	-	-
Over 2 bags -----	3.290	3.695	22½¢	20¢	-	2½¢	Paperhangers -----	5.870	6.320	35¢	15¢	-	-
							Pipefitters -----	7.585	8.285	35¢	50¢	-	15¢
							Plasterers -----	6.650	7.250	35¢	-	-	-
							Plumbers -----	7.585	8.282	35¢	50¢	-	15¢

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970					Trade or occupation	July 1, 1969		July 1, 1970				
	Rate per hour	Rate per hour	Employer contribution to fund ¹				Rate per hour		Rate per hour	Employer contribution to fund ¹					
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³		
TOLEDO, OHIO—Continued							TOPEKA, KANS.—Continued								
Journeyman—Continued							Journeyman—Continued								
Rodmen -----	\$ 6.640	\$ 7.970	25¢	40¢	-	-	Painters -----	\$ 4.500	\$ 5.050	17½¢	-	-	-		
Roofers, composition -----	6.140	7.390	25¢	20¢	-	-	Spray -----	5.000	5.950	17½¢	-	-	-		
Roofers, slate and tile -----	6.140	7.390	25¢	20¢	-	-	Steel: -----								
Sheet-metal workers -----	7.035	8.035	25¢	20¢	-	-	To 50 feet -----	4.750	5.650	17½¢	-	-	-		
Stonemasons -----	6.805	7.655	35¢	30¢	-	-	Over 50 feet -----	5.250	5.650	17½¢	-	-	-		
Structural-iron workers -----	6.640	7.970	25¢	40¢	-	1¢	Pipefitters -----	6.250	7.250	15¢	20¢	-	7¢		
Tile layers -----	5.740	6.440	35¢	25¢	-	-	Plasterers -----	5.230	5.530	-	-	-	-		
Helpers and laborers							Helpers and laborers								
Bricklayers' tenders -----	5.570	6.570	25¢	10¢	-	3¢	Plumbers -----	6.250	7.250	15¢	20¢	-	7¢		
Building laborers -----	5.440	6.440	25¢	10¢	-	3¢	Rodmen -----	5.875	6.850	25¢	25¢	-	25¢		
Elevator constructors' -----							Roofers, composition -----	4.970	5.320	18¢	22½¢	-	-		
helpers -----	4.340	5.060	14½¢	17¢	(*)	½¢	Roofers, slate and tile -----	4.970	5.320	18¢	22½¢	-	-		
Marble setters' helpers -----	5.900	6.900	-	-	-	-	Sheet-metal workers -----	5.170	5.970	25¢	36¢	-	36¢		
Plasterers' laborers -----	5.630	6.630	25¢	10¢	-	1¢	Stonemasons -----	5.450	6.200	17½¢	25¢	-	-		
Terrazzo workers' -----							Structural-iron workers -----	6.025	7.000	25¢	25¢	-	25¢		
helpers -----	5.900	6.900	-	-	-	-	Tile layers -----	4.650	5.350	-	-	-	-		
Base grinders -----	6.200	7.200	-	-	-	-	Helpers and laborers								
Tile layers' helpers -----	5.900	6.900	-	-	-	-	Bricklayers' tenders -----	3.600	4.500	17½¢	25¢	-	-		
TOPEKA, KANS.							TOPEKA, KANS.								
Journeyman							Journeyman								
Asbestos workers -----	6.250	7.250	25¢	30¢	-	5¢	Building laborers -----	3.400	4.150	17½¢	25¢	-	-		
Boilermakers -----	5.500	5.850	20¢	40¢	-	-	Elevator constructors' -----								
Bricklayers -----	5.450	6.200	17½¢	25¢	-	-	helpers -----	3.955	4.420	14½¢	17¢	(*)	½¢		
Carpenters -----	4.600	5.450	17½¢	-	-	-	Marble setters' helpers -----	3.600	4.000	-	-	-	-		
Millwrights -----	4.975	5.825	17½¢	-	-	-	Plasterers' laborers -----	3.650	4.500	17½¢	25¢	-	-		
Cement finishers -----	4.450	5.200	17½¢	25¢	-	-	Plumbers' laborers -----	3.400	4.150	17½¢	25¢	-	-		
Swing stage -----	4.700	5.450	17½¢	25¢	-	-	Terrazzo workers' helpers -----	3.600	4.000	-	-	-	-		
Electricians (inside -----							Base-machine -----	3.850	4.400	-	-	-	-		
wiremen) -----	5.700	6.250	15¢	1%+20¢	-	-	Floor-machine -----	3.700	4.150	-	-	-	-		
Elevator constructors -----	5.650	6.310	14½¢	17¢	(*)	½¢	Tile layers' helpers -----	3.600	3.900	-	-	-	-		
Engineers—Power equipment -----							TRENTON, N.J.								
operators: -----							Journeyman								
Building construction: -----							Asbestos workers -----	6.000	6.500	25¢	20¢	-	1¢		
Heavy equipment: -----							Bricklayers -----	6.350	6.700	30¢	35¢	-	5¢		
Boilers (2), cranes, -----							Carpenters -----	6.550	6.950	30¢	35¢	35¢	3¢		
derricks, truck -----							Cement finishers -----	6.350	6.700	30¢	35¢	-	5¢		
cranes -----	5.600	6.900	25¢	25¢	25¢	-	Electricians (inside -----								
Rigs (2 yards capac- -----							wiremen) -----	7.250	7.850	20¢	1%+30¢	-	1%		
ity and over), -----							Elevator constructors -----	6.010	6.830	14½¢	17¢	(*)	½¢		
tower cranes -----	5.850	6.900	25¢	25¢	25¢	-	Engineers—Power equipment -----								
Medium equipment: -----							operators: -----								
Barber-Greene -----							Building construction: -----								
loaders, hoists -----							Heavy equipment: -----								
(1 active drum), -----							Cranes, derricks -----	7.750	8.350	7%	7%	-	10%+2¢		
bulldozers, -----							trucks -----	7.050	7.600	7%	7%	-	10%+2¢		
scoops, motor -----							Hoists, portable -----	6.850	7.400	7%	7%	-	10%+2¢		
patrols -----	5.600	6.900	25¢	25¢	25¢	-	Compressors -----	6.400	6.750	7%	7%	-	10%+2¢		
Forklift trucks -----	5.200	6.500	25¢	25¢	25¢	-	Bulldozers, tractor -----	6.200	6.700	7%	7%	-	10%+2¢		
Light equipment: -----							Glaziers -----	5.480	6.980	25¢	25¢	-	-		
Mixers (other than -----							Lathers -----	5.600	6.400	25¢	25¢	-	15¢		
pavers), jeep -----							Marble setters -----	6.350	6.700	30¢	35¢	-	5¢		
ditchers, pumps -----							Mosaic and terrazzo -----								
(4 inches -----							workers -----	6.350	6.700	30¢	35¢	-	5¢		
or larger) -----	5.200	6.500	25¢	25¢	25¢	-	Painters -----	5.430	5.880	40¢	20¢	-	-		
Heavy construction: -----							Roller, spray -----	6.450	6.900	40¢	20¢	-	-		
Heavy equipment: -----							Paperhangers -----	6.450	6.600	40¢	20¢	-	-		
Asphalt pavers and -----							Pipefitters -----	6.500	7.850	5%	7%	10%	10¢		
spreaders, boxing -----							Plasterers -----	6.350	6.700	30¢	35¢	-	5¢		
machines, clam- -----							Plumbers -----	6.500	7.850	5%	7%	10%	10¢		
shells, cranes, -----							Rodmen -----	7.150	7.650	23½¢	66¢	7%	-		
draglines, power -----							Roofers, composition -----	6.350	6.700	20¢	20¢	-	-		
shovels -----	5.000	5.500	25¢	25¢	-	-	Roofers, slate and tile -----	6.350	6.700	20¢	20¢	-	-		
Medium equipment: -----							Sheet-metal workers -----	6.300	6.650	20¢	20¢	-	-		
A-Frame trucks -----	4.500	5.000	25¢	25¢	-	-	Stonemasons -----	6.350	6.700	30¢	35¢	-	5¢		
Bull floats, blade -----							Structural-iron workers -----	7.150	7.650	23½¢	66¢	7%	-		
graders -----	4.500	5.000	25¢	25¢	-	-	Tile layers -----	6.350	6.700	30¢	35¢	-	5¢		
Bulldozers, -----							Helpers and laborers								
scrapers -----	4.750	5.500	25¢	25¢	-	-	Building laborers -----	4.950	5.250	30¢	40¢	-	-		
Light equipment: -----							Elevator constructors' -----								
Barber-Greene load- -----							helpers -----	4.210	4.780	14½¢	17¢	(*)	½¢		
ers, conveyors -----	4.500	5.000	25¢	25¢	-	-	Plasterers' laborers -----	5.050	5.350	30¢	40¢	-	-		
Concrete mixers -----							Tile layers' helpers -----	4.975	5.350	6%	5%	-	1%		
(skip type), -----							TULSA, OKLA.								
jeep ditchers -----	4.500	5.000	25¢	25¢	-	-	Journeyman								
Distributors, -----							Asbestos workers -----	5.950	6.750	-	20¢	-	-		
siphons and jets -----	4.500	5.000	25¢	25¢	-	-	Boilermakers -----	5.500	6.000	30¢	40¢	-	-		
Glaziers -----	4.760	5.120	20¢	10¢	4%	-	Bricklayers -----	5.500	5.900	25¢	25¢	-	5%		
Lathers -----	5.000	5.625	-	10¢	-	-	Residential -----	5.000	5.015	25¢	25¢	-	-		
Mosaic and terrazzo -----	4.650	5.350	-	-	-	-									

See footnotes at end of table.

Table 15. Wage rates, hours, and employer contributions to selected funds in 68 cities, July 1, 1969-70—Continued

(Union scales of hourly wage rates and employer insurance, pension, and vacation contributions for building trades in 68 cities, July 1, 1969-70)

Trade or occupation	July 1, 1969		July 1, 1970				Trade or occupation	July 1, 1969		July 1, 1970			
	Rate per hour	Rate per hour	Employer contribution to fund ¹					Rate per hour	Rate per hour	Employer contribution to fund ¹			
			Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³				Insur- ance ²	Pen- sion	Vaca- tion pay	Other ³
TULSA, OKLA.—Continued						WASHINGTON, D. C.							
Journeyman—Continued						Journeyman							
Carpenters	\$ 4.900	\$ 5.350	15¢	-	-	-	Asbestos workers	\$ 6.000	\$ 7.150	25¢	15¢	-	-
Millwrights	5.200	5.650	15¢	-	-	-	Boilermakers	5.600	6.900	30¢	55¢	-	-
Piledrivers	5.050	5.500	15¢	-	-	-	Bricklayers	5.950	6.500	37¢	18¢	-	-
Residential	4.400	4.850	15¢	-	-	-	Residential	5.800	6.300	15¢	10¢	-	5¢
Cement finishers	5.220	5.670	-	-	-	-	Carpenters	5.310	6.090	11¢	16¢	-	-
Electricians (inside wiremen)	5.150	6.000	4%	1%+10¢	-	-	Piledrivers and millwrights	5.435	6.215	11¢	16¢	-	-
Elevator constructors	4.945	5.330	14½¢	17¢	(*)	½¢	Cement finishers	4.775	5.925	18½¢	20¢	-	-
Engineers—Power equipment operators:							Electricians (inside wiremen)	6.150	6.850	25¢	1%+20¢	-	-
Air compressors:							Elevator constructors	5.670	6.140	14½¢	17¢	(*)	½¢
500 cubic feet and under:							Engineers—Power equipment operators:						
1-2	4.450	5.000	25¢	-	-	-	Heavy equipment:						
3-6	4.950	5.500	25¢	-	-	-	Cranes, shovels, piledrivers	5.535	6.485	25¢	25¢	-	-
Over 500 cubic feet, 1	4.950	5.500	25¢	-	-	-	Medium equipment:						
Bulldozers, D-4 and larger	5.200	5.750	25¢	-	-	-	Hoists, single or double drum	5.535	6.485	25¢	25¢	-	-
Cranes, derricks, shovels, draglines	5.350	5.900	25¢	-	-	-	Trenching machine	5.125	5.825	25¢	25¢	-	-
Hoists:							Light equipment:						
1 drum	4.950	5.500	25¢	-	-	-	Compressors,						
2 drums	5.350	5.900	25¢	-	-	-	pumps	4.955	5.655	25¢	25¢	-	-
Mixers:							Bulldozers	4.935	5.635	25¢	25¢	-	-
18 cubic feet and over	4.950	5.500	25¢	-	-	-	Glaziers	5.130	5.880	31¢	10¢	-	-
Less than 18 cubic feet	4.450	5.000	25¢	-	-	-	Lathers	5.225	5.975	20¢	15¢	-	½¢
Pumps:							Machinists	5.850	6.200	25¢	10¢	(34)	-
1-2	4.450	5.000	25¢	-	-	-	Marble setters	6.050	6.800	15¢	25¢	-	-
3-6	4.950	5.500	25¢	-	-	-	Mosaic and terrazzo workers	5.200	5.950	(33)	20¢	-	-
Rollers, locomotives	4.950	5.500	25¢	-	-	-	Painters	5.480	6.250	24¢	15¢	-	1¢
Scrapers, trench machines	5.200	5.750	25¢	-	-	-	Bridge, structural steel, swing stage	5.810	6.680	24¢	15¢	-	1¢
Glaziers	4.525	4.845	-	20¢	-	-	Paperhangers	5.480	6.250	24¢	15¢	-	1¢
Lathers	5.125	5.625	-	-	-	5¢	Pipefitters	5.810	6.880	20¢	10¢	-	3¢
Mosaic and terrazzo workers	4.950	5.250	-	-	-	-	Sprinkler fitters	5.530	6.600	20¢	30¢	-	5¢
Painters	4.750	5.150	-	-	-	-	Plasterers	5.070	5.715	30¢	25¢	-	3¢
Spray	5.400	5.800	-	-	-	-	Plumbers	5.810	6.880	20¢	-	-	-
Swing stage	5.150	5.550	-	-	-	-	Rodmen	6.250	6.700	15¢	25¢	-	-
Residential	4.200	4.600	-	-	-	-	Roofers, composition	3.700	4.550	20¢	20¢	-	-
Spray	4.450	4.850	-	-	-	-	Roofers, slate and tile	4.200	5.050	20¢	20¢	-	-
Paperhangers	4.750	5.150	-	-	-	-	Sheet-metal workers	5.500	6.500	27¢	27¢	-	-
Pipefitters	5.460	6.160	25¢	25¢	-	5¢	Stonemasons	6.050	6.800	15¢	25¢	-	-
Plasterers	4.750	5.125	-	-	-	-	Structural-iron workers	5.650	7.150	35¢	30¢	-	-
Plumbers	5.760	6.210	25¢	25¢	-	-	Tile layers	5.200	5.950	(33)	20¢	-	-
Rodmen	4.825	5.750	15¢	15¢	-	-							
Roofers, composition	4.500	4.900	-	25¢	-	-	Helpers and laborers						
Roofers, slate and tile	4.500	4.900	-	25¢	-	8¢	Building laborers	3.735	4.395	18½¢	17¢	-	-
Sheet-metal workers	5.200	6.300	20¢	40¢	-	-	Residential	3.210	3.800	18½¢	-	-	3¢
Stonemasons	5.500	5.900	25¢	25¢	-	5%	Composition roofers ¹						
Structural-iron workers	4.825	5.750	15¢	15¢	-	-	helpers	3.150	3.800	20¢	20¢	-	-
Tile layers	4.950	5.250	-	-	-	-	Elevator constructors ¹						
							helpers	3.970	4.300	14½¢	17¢	(4)	½¢
Helpers and laborers						helpers							
Bricklayers' tenders	4.000	4.350	-	-	-	-	Marble setters ¹						
Building laborers	3.800	4.150	-	-	-	-	helpers	4.350	5.100	(33)	-	-	-
Residential	3.300	3.650	-	-	-	-	Plasterers' laborers	4.000	4.670	24¢	17¢	-	-
Elevator constructors ¹							Plumbers' laborers	3.500	4.470	25¢	10¢	-	3¢
helpers	3.460	3.730	14½¢	17¢	(4)	½¢	Terrazzo workers ¹						
Plasterers' laborers	4.000	4.350	-	-	-	-	helpers	4.200	4.950	24½¢	20¢	-	-
							Tile layers' helpers	4.200	4.950	24½¢	20¢	-	-

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

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

³ Includes all other nonlegally required employer contributions, except those for apprenticeship fund payments, as indicated in individual agreements.

⁴ After 6 months of service, 2 percent of hourly rate for all hours worked; after 5 years of service, 4 percent of hourly rate for all hours worked. An additional amount equal to one-half percent of the hourly rate shall accrue the employee on the effective date of each rate change until this amount reaches 2 percent.

⁵ This rate in effect prior to July 1, 1970; new rate in negotiation at time of survey.

⁶ After 1 year of service, 1 week; after 2 years of service, 2 weeks.

⁷ 35-hour workweek.

⁸ 37½-hour workweek.

⁹ For each 20 days worked in previous year, 1 day, not to exceed 13 days.

¹⁰ 1 day for each 20 days worked in previous year.

¹¹ 8 hours vacation pay credit for each 30 days on active payroll; maximum of 80 hours.

¹² Part of the negotiated rate, not included in basic rate shown; includes contribution for vacation and sick benefit, separate data not available.

¹³ Part of the negotiated rate; not included in basic rate shown.

¹⁴ Includes contribution for vacation and holidays; separate data not available.

¹⁵ 36-hour workweek.

¹⁶ After 1 year of service, 2 percent of gross earnings; after 5 years of service, 4 percent of gross earnings.

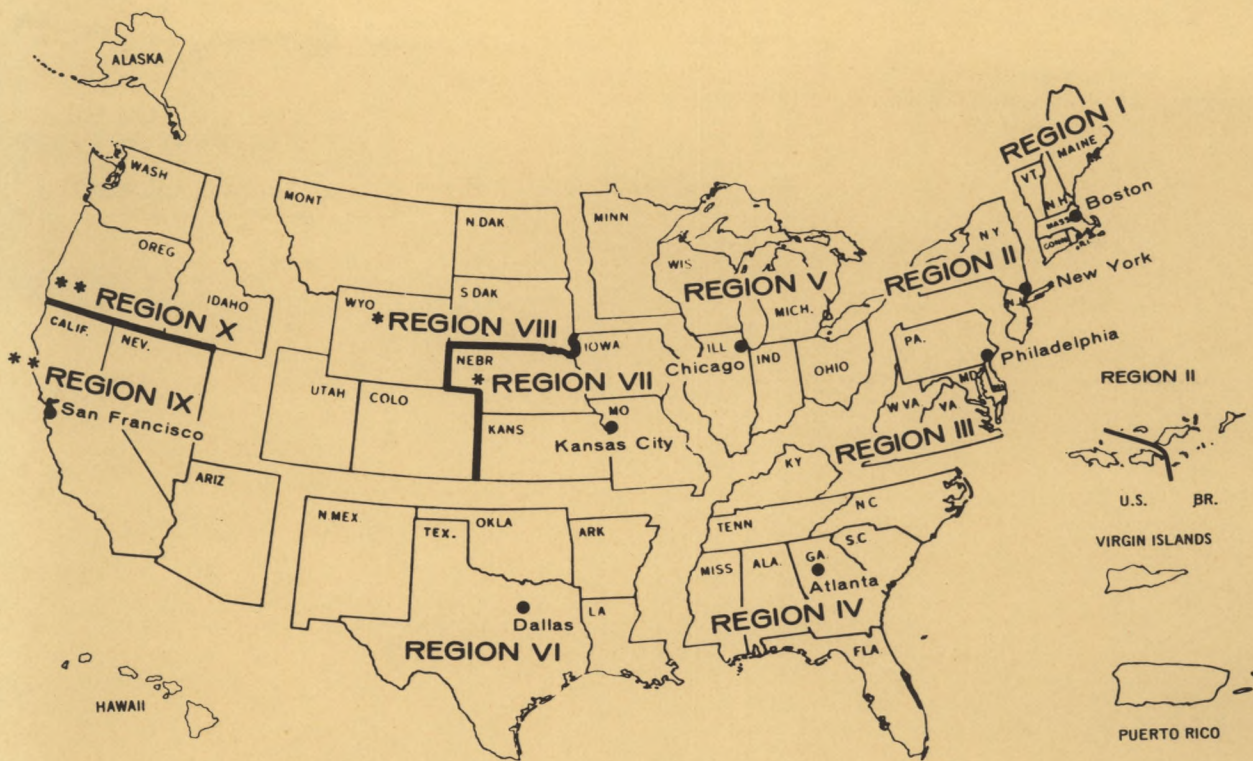
¹⁷ Less than 5 years of experience, 4 hours pay per month worked plus 3 cents for each straight-time hour worked; 5 years over, 6½ hours pay per month.

Footnote—Continued

- 18 1 day for each 20 days worked in previous year to exceed 12 days.
- 19 38-hour workweek.
- 20 After 1 year of service, 5 days; after 5 years, 10 days; after 10 years, 12 days; after 15 years, 13 days; after 16 years, 14 days; and
- after 17 years, 15 days.
- 21 25-hour workweek.
- 22 40 cents of this payment is part of the negotiated rate; not included in basic rate shown.
- 23 30-hour workweek.
- 24 Includes contribution for pension and vacation; separate data not available.
- 25 Includes contribution for insurance, pension, and vacation; separate data not available.
- 26 After 1 year of service, 2 weeks.
- 27 After 1 year of service, 1 week; after 5 years of service, 2 weeks.
- 28 After 1 year of service, 1 week.
- 29 The 8 percent payment is part of the negotiated rate; not included in basic rate shown.
- 30 32-hour workweek.
- 31 Part of the negotiated rate transferred to insurance, pension, and/or vacation plans; 36-hour workweek.
- 32 After 1 year of service, 4 percent of gross earnings.
- 33 Employer provides certain benefits; amount of employer payment not reported separately.
- 34 1 day for each month on active payroll.

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