

# INDUSTRY WAGE SURVEY

## Electric and Gas Utilities

JULY 1962

Bulletin No. 1374

UNITED STATES DEPARTMENT OF LABOR  
W. Willard Wirtz, Secretary

BUREAU OF LABOR STATISTICS  
Ewan Clague, Commissioner



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## Preface

This bulletin summarizes wages and supplementary practices information for privately operated electric and gas utility systems in July 1962.

Separate releases were issued earlier, usually within a few months of the payroll period to which the data relate, for nine broad economic regions. Copies of these releases are available from the Bureau of Labor Statistics, Washington, D. C. 20210, or any of its regional offices.

This bulletin was prepared by Frederick L. Bauer in the Bureau's Division of Occupational Pay, under the general direction of H. M. Douty, Assistant Commissioner for Wages and Industrial Relations. Field work for the survey was directed by the Assistant Regional Directors for Wages and Industrial Relations.

Other reports available from the Bureau's program of industry wage studies, as well as the addresses of the Bureau's six regional offices, are listed at the end of this bulletin.



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# Industry Wage Survey —

## Electric and Gas Utilities, July 1962

### Summary

Straight-time hourly earnings of nonsupervisory workers in the Nation's privately operated electric and gas utilities averaged \$2.73 in July 1962. Physical (plant) workers accounted for slightly more than seven-tenths of the 405,300 workers covered by the Bureau's study.<sup>1</sup> They averaged \$2.86 an hour, compared with \$2.42 for office workers. Pay levels for physical workers were highest in the Pacific (\$3.13) and Great Lakes (\$3.01) regions and lowest in the Southwest (\$2.42). Regionally, office workers' average earnings ranged from \$2.76 in the Pacific to \$2.03 in the Southwest.

Among the four types of systems studied separately, earnings of non-supervisory workers averaged: \$2.85 an hour in those providing both electric and gas services; \$2.76 in those providing electricity only; \$2.54 in those solely engaged in transmitting and/or storing natural gas; and \$2.51 in systems providing other types of gas services.

The study provides earnings information for workers in selected physical and office occupations by region and type of service. Information is also provided on hours of work, shift differentials, and selected supplementary benefits, such as paid holidays, paid vacations, various types of health and insurance benefits, and pension plans.

### Industry Characteristics

Electric and gas utilities within scope of the Bureau's study employed 405,300 nonsupervisory workers in July 1962. This was about 4,000 less than in September 1957, the date of a similar study.<sup>2</sup> Workers engaged in physical (plant) operations accounted for slightly more than seven-tenths of the total nonsupervisory work force during both periods. In July 1962, the Great Lakes and Middle Atlantic regions each employed nearly a fourth of the industry's work force; the proportions in the other regions ranged from 4 percent in the Mountain to 11 percent in the Southwest.

Utilities providing a combination of electric and gas services accounted for nearly two-fifths (38 percent) of the workers covered by the study; about the same proportion of workers (37 percent) were in utilities exclusively engaged in generating, transmitting and/or distributing electric energy. Nearly a fifth (19 percent) of the workers were in companies engaged in the distribution of natural gas, the production and/or distribution of manufactured, mixed, or liquefied petroleum gas, or any combination of these services, including the transmission of natural gas. Companies solely engaged in the transmission and/or storage of natural gas accounted for the remainder of the total work force.<sup>3</sup>

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<sup>1</sup> See appendix A for scope and method of survey. Wage data contained in this bulletin exclude premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> See Wage Structure: Electric and Gas Utilities, September 1957 (BLS Report 135, 1958).

<sup>3</sup> Under the system of classification used for purposes of this study, utilities were considered as providing both electric and gas services if one service did not constitute 95 percent or more of revenues. If one service constituted 95 percent or more of revenues, the utility was considered as exclusively engaged in this service.



The proportions of workers in the different types of utilities varied substantially among the regions. For example, combination electric and gas systems accounted for three-fifths of the workers in the Middle Atlantic region, compared with a tenth or less in the Southeast and Southwest. Companies engaged solely in natural gas transmission accounted for a fourth of the workers in the Southwest and a fifth of the workers in the Mountain region; in the remainder of the regions, the proportions ranged from 11 percent in the Middle West to less than 5 percent in the other regions. Half of the natural gas transmission workers were in the Southwest region.

Nearly nine-tenths of the electric systems and the electrical operations of combination systems visited included the generation, transmission, and distribution of electrical energy. Half of the 147 electric and combination systems used steampower exclusively to generate electricity; three-tenths used a combination of hydro and steampower; among the remaining systems, a combination of hydro, steam, and internal combustion power was most commonly used.

Statistics reported by the Federal Power Commission for class A and B privately operated utilities give an indication of the amount of electricity used in the United States.<sup>4</sup> According to these data, sales to ultimate consumers in 1961 were \$9.9 billion; a total of 544.9 billion kilowatt-hours were used by an average of 47.8 million customers. Between 1956 and 1961, the number of customers increased about 12 percent; kilowatt-hours used, 34 percent; and revenue from sales, 37 percent.

According to data published by the American Gas Association, consumers used 31.5 percent more gas in 1961 than in 1956.<sup>5</sup> During 1961, more than 33.8 million gas customers paid \$5.9 billion for nearly 96 billion therms of gas. Between 1956 and 1961, the number of gas customers increased by 15 percent, and revenues from sales to ultimate customers, 56 percent. Approximately 97 percent of the gas distributed in 1961 was natural; slightly less than 3 percent was mixed, and the remainder was manufactured (including liquefied petroleum gas distributed through underground mains). Between 1956 and 1961, use of natural gas as a source of energy increased by 34.1 percent while mixed gas and manufactured (and liquefied petroleum) gas declined by 20.3 and 65.4 percent, respectively.

Labor-management agreements covering a majority of the physical workers were in effect in systems employing about four-fifths of these workers. Regionally, the proportions ranged from about 43 percent in the Southwest to 96 percent in the Pacific. The major union, in terms of the number of systems under agreement, was the International Brotherhood of Electrical Workers. Other unions having a substantial number of contracts included the Utility Workers Union of America, the Oil, Chemical and Atomic Workers International Union, and the United Mine Workers of America, District 50 (Ind.).

About two-fifths of the office workers were employed in systems having labor-management agreements covering a majority of the nonsupervisory office workers. Regionally, the proportions ranged from about 7 percent in the Southeast and Southwest to 68 percent in the Middle Atlantic. Among the systems in which both office and physical workers were covered by agreements, the contracts in effect were usually with the same union. Most other office worker contracts were with the Office Employees International Union.

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<sup>4</sup> Statistics of Electric Utilities in the United States, 1961, Federal Power Commission.

<sup>5</sup> Gas Facts, American Gas Association, New York, 1961.

Virtually all physical and office workers were paid on a time-rate basis. All but a small proportion of these workers were in companies having formalized pay structures (table 45). Two-thirds of the physical workers and nearly nine-tenths of the office workers were in systems using formal pay structures incorporating a range of rates for each specific occupational classification. Slightly more than three-tenths of the physical workers were in systems with formal single-rate structures. About a tenth of the office workers were in systems that determined rates on an individual basis. Formal pay structures incorporating rate ranges were used by systems employing at least a majority of the physical workers in all except two regions; in the Middle West four-fifths were in systems using a single-rate structure, and in the Southwest a majority were in systems using rates set on an individual basis.

### Average Hourly Earnings

Straight-time hourly earnings of the nonsupervisory physical and office workers within scope of the study averaged \$2.73 an hour in July 1962. Among the eight regions for which separate data are provided,<sup>6</sup> averages ranged from \$3.02 in the Pacific to \$2.29 in the Southwest. Workers in the Great Lakes region, accounting for nearly a fourth of the industry's work force, averaged \$2.87 an hour (table 1). Nationwide, earnings of nonsupervisory workers in systems providing both electric and gas service averaged \$2.85 an hour. Workers in electric systems averaged \$2.76, compared with \$2.54 for those in gas transmission systems and \$2.51 for workers in other gas systems.

Physical workers, virtually all men, accounted for seven-tenths of the nonsupervisory work force. As a group, they averaged \$2.86 an hour. This represented an increase of about 25 percent over the corresponding average reported in the September 1957 survey. Regionally, averages for physical workers ranged from \$2.42 in the Southwest to \$3.13 an hour in the Pacific. Nationwide, physical workers in combination systems averaged \$2.98, 9 cents more than those in electric systems, 33 cents more than those in gas transmission systems, and 38 cents more than those in other gas systems. Electric utilities, however, provided the highest pay level for physical workers in the Middle West and Pacific regions, \$3.15 and \$3.21, respectively.

Individual earnings of physical workers in all systems ranged from less than \$1.50 (1.6 percent) to \$3.50 and over (13.2 percent). In the earnings array, the middle half of the workers received between \$2.53 and \$3.25 an hour. Regionally, the proportion of physical workers earning less than \$2.53 ranged from 7 percent in the Pacific to 54 percent in the Southwest. The proportions of workers within selected earnings intervals varied widely among the four types of systems for which separate data are provided, as illustrated in the following tabulation:

Earnings	All systems	Electric systems	Gas transmission systems	Other gas systems	Combination systems
Under \$1.50 -----	1.6	2.0	1.0	3.5	0.6
\$1.50 and under \$2.00 ----	5.2	5.6	4.8	9.8	2.7
\$2.00 and under \$2.50 ----	16.5	16.4	21.9	21.5	13.2
\$2.50 and under \$3.00 ----	35.8	30.3	57.1	43.7	34.1
\$3.00 and under \$3.50 ----	27.7	30.4	13.6	18.3	31.5
\$3.50 and over -----	13.2	15.4	1.6	2.8	17.8

<sup>6</sup> Earnings data for other than the selected occupations were insufficient to justify publication of averages and earnings distributions for all nonsupervisory physical and office workers in the Middle Atlantic region.

Nonsupervisory office workers averaged \$2.42 an hour in July 1962; an increase of 24 percent since September 1957. Regionally, averages ranged from \$2.03 in the Southwest to \$2.76 in the Pacific. Nationwide, office workers were highest paid in combination systems (\$2.51) and lowest in gas transmission systems (\$2.27). Averages for the other systems were—\$2.32 for other gas, and \$2.42 for electric. This wage relationship, however, was not consistent in the regions for which comparisons could be made. For example, averages in electric systems in the Great Lakes and Middle West regions were 22 and 93 cents, respectively, more than averages in combination systems. While workers in combination systems in the Southwest region were the highest paid, they exceeded the next highest average (\$2.27 in gas transmission systems) by only 4 cents.

Men office workers averaged about 30 percent more than women—\$2.80 compared with \$2.16 an hour. Their earnings were more similar to those of physical workers than to women office workers, both with respect to averages (\$2.80—\$2.86) and distribution, as indicated in the following tabulation:

	Percent of workers with hourly earnings of—					
	Less than \$1.50	\$1.50 and under \$2.00	\$2.00 - \$2.50	\$2.50 - \$3.00	\$3.00 - \$3.50	\$3.50 and over
Workers						
Office workers:						
Men -----	2.3	8.3	17.6	33.6	27.7	10.7
Women -----	11.2	29.7	33.4	18.5	6.1	1.1
Physical workers -----	1.6	5.2	16.5	35.8	27.7	13.2

NOTE: Because of rounding, sums of individual items may not equal 100.

### Occupational Earnings

Men employed in the occupational groups for which average hourly earnings are presented in table 17 accounted for nearly three-fifths of the physical workers within scope of the survey.<sup>7</sup> Nationally, averages for these jobs ranged from \$3.96 for watch engineers and \$4 for load dispatchers to \$2.02 an hour for main installation and service laborers. Journeymen linemen, gas appliance servicemen, and meter readers, the three numerically most important occupations studied separately, averaged \$3.33, \$2.94, and \$2.52 an hour, respectively. Combined, these occupations accounted for 15 percent of the nonsupervisory physical workers.

Among the physical occupations for which comparisons cover all nine regions, average earnings were highest in the Pacific for all but three jobs; boiler operators in the New England, Middle Atlantic, Southeast, and Great Lakes regions averaged 6 to 15 cents more than workers in the Pacific, and troublemen and control-room operators in the Middle Atlantic averaged 6 and 9 cents more, respectively. Lowest occupational earnings were most commonly recorded in the Southwest region. The differences between the lowest and highest regional average earnings, however, amounted to less than 30 percent for most of the occupations shown in all nine regions.

<sup>7</sup> A total of 2,426 women were employed in physical jobs; 1,091 of these were in the jobs studied separately—1,045 were janitresses, porters, or cleaners, and averaged \$1.69 an hour.

Occupational pay relationships varied widely among the regions. For example, average pay for journeymen linemen exceeded that for groundmen by amounts ranging from 72 cents in the Middle West to \$1.17 in the Middle Atlantic region; percentage wise, these differences amounted to 30 and 49 percent, respectively. By comparison, average rates for maintenance mechanics and automotive mechanics were identical in the Mountain region (\$3.06) and the greatest difference between averages for these occupations was 30 cents or slightly less than 10 percent in the Pacific region (\$3.29 and \$3.59, respectively).

Occupational pay relationships for the selected jobs also varied among the four types of systems (tables 27-30). For example, in the Southwest region, highest average earnings were more common in combination than in the other three types of systems. In the Middle West, however, higher average earnings were more common in electric than in the other types of systems for which data are presented.

Nonsupervisory office occupations for which average hourly earnings are presented in table 31 accounted for about one-third of the 115,187 office workers in electric and gas utilities. Nationally, averages for men among all jobs studied separately ranged from \$1.58 for office boys to \$3.02 for class A tabulating-machine operators. Among the occupations for which data are shown for women, earnings ranged from \$1.56 for office girls to \$3.01 for class A tabulating-machine operators.

Regionally, occupational earnings of office workers were highest in the Pacific for 11 of the 15 jobs found in all 9 regions. Averages for the remaining four jobs were highest in the Middle Atlantic. Lowest averages for these jobs were usually recorded in the Southwest (seven jobs) and Border States (five jobs). Percentage wise, the differences between the lowest and highest regional averages for the same occupation ranged from about 15 percent for men class A tabulating-machine operators to about 51 percent for women cashiers and men employed as class B accounting clerks. Differences for most of the 15 jobs amounted to 30 percent or more.

#### System Practices and Supplementary Wage Provisions

Data were also obtained on work schedules, shift practices, and selected supplementary benefits including paid holidays and vacations; retirement plans; life insurance; sickness and accident insurance; hospitalization, surgical, and medical benefits; and paid funeral and jury duty leave.

Scheduled Weekly Hours. A work schedule of 40 hours a week was in effect in July 1962 for nearly all of the nonsupervisory physical workers and more than nine-tenths of the office workers (table 46). A work schedule of 37½ hours was in effect for most of the remaining office workers.

Shift Practices. Nationally, 7 percent of the physical workers were employed on the second shift. Among the regions for which shift data are shown, the proportions of workers employed on the second shift ranged from 4 percent in the Pacific to 9 percent in the Mountain region. Third or other late shift employment accounted for nearly 6 percent of the workers. On a regional basis, the proportions employed on third or other late shifts were also lowest in the Pacific (3 percent) and highest in the New England and Mountain regions (7 percent). More than three-fifths of the workers on the second and other late shifts received a differential over day shift rates; these were usually on a cents-per-hour basis, ranging from less than 6 cents to 13 cents or more. Differential pay for work on late shifts was common in all regions except the Southeast and Southwest.

Paid Holidays. Paid holidays were provided by all systems studied, the number of days ranging from 5 to 12 annually (table 48). All physical workers in New England and virtually all in the Middle Atlantic region received 9 or more days annually. Eight or more days were received by a majority in the Border States, and the Mountain and Pacific regions. Somewhat less liberal provisions were recorded in the other regions. Holiday provisions for office workers were similar to those for physical workers. Tabulations of holiday provisions for the four types of utilities are provided in table 49.

Paid Vacations. Vacation pay after qualifying periods of service was provided physical and office workers by all systems studied (table 50). Two-week vacations were available to three-fifths of the physical workers and seven-tenths of the office workers after 1 year of service, and to virtually all workers in both groups after 2 years of service. A large majority of the workers were in systems providing 3 weeks vacation pay after 10 years of service and 4 weeks after 25 years. Variations by type of systems are indicated in table 51.

Health, Insurance, and Pension Plans. Life, hospitalization, and surgical insurance for which employers paid at least part of the cost were available to more than nine-tenths of the nonsupervisory physical and office workers (table 52). An equally high proportion of workers were covered by plans that provided for payments during illness or accident disability. Approximately four-fifths of the workers were in systems providing medical insurance; three-fifths were in systems providing extended medical insurance, sometimes referred to as catastrophe insurance. The incidence of these benefits was generally similar among the regions and by type of system (table 53).

Retirement pension benefits (other than benefits available under Federal old-age, survivors, and disability insurance) were provided by systems employing virtually all of the physical and office workers.

Paid Funeral and Jury Duty Leave. Paid funeral and jury duty leave were provided by systems employing more than four-fifths of the physical and office workers. A majority of these workers in each region were eligible for both benefits (table 54).

Table 1. Average Hourly Earnings: Nonsupervisory Workers by Selected Characteristics

(Number and average straight-time hourly earnings<sup>1</sup> of workers in electric and gas systems by selected characteristics, United States and regions, July 1962)

Characteristics	United States		New England		Middle Atlantic <sup>2</sup>		Border States		Southeast		Southwest		Great Lakes		Middle West		Mountain		Pacific	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
<b>All systems:</b>																				
Total nonsupervisory workers -----	405,302	\$2.73	25,583	\$2.69	95,634	-	31,377	\$2.57	30,939	\$2.47	45,015	\$2.29	97,120	\$2.87	29,337	\$2.68	14,749	\$2.65	35,548	\$3.02
Physical workers -----	290,115	2.86	19,272	2.85	69,755	-	22,368	2.66	23,065	2.56	30,248	2.42	67,713	3.01	21,678	2.81	11,158	2.79	24,858	3.13
Office workers -----	115,187	2.42	6,311	2.21	25,879	-	9,009	2.34	7,874	2.21	14,767	2.03	29,407	2.54	7,659	2.30	3,591	2.24	10,690	2.76
<b>Electric systems:</b>																				
Total nonsupervisory workers -----	148,635	2.76	15,102	2.68	16,711	-	-	-	23,073	2.60	19,236	2.32	41,716	2.98	7,927	3.06	3,439	2.62	10,880	3.05
Physical workers -----	108,279	2.89	11,472	2.84	12,876	-	-	-	17,498	2.69	13,534	2.49	29,465	3.12	5,818	3.15	2,593	2.78	7,545	3.21
Office workers -----	40,356	2.42	3,630	2.17	3,835	-	-	-	5,575	2.31	5,702	1.91	12,251	2.67	2,109	2.82	846	2.13	3,335	2.68
<b>Gas transmission systems:</b>																				
Total nonsupervisory workers -----	24,897	2.54	-	-	-	-	-	-	-	-	11,851	2.48	-	-	-	-	-	-	-	-
Physical workers -----	17,733	2.65	-	-	-	-	-	-	-	-	7,439	2.61	-	-	-	-	-	-	-	-
Office workers -----	7,164	2.27	-	-	-	-	-	-	-	-	4,412	2.27	-	-	-	-	-	-	-	-
<b>Other gas systems:<sup>3</sup></b>																				
Total nonsupervisory workers -----	77,445	2.51	4,946	2.55	17,908	-	5,026	2.49	5,376	2.01	9,315	1.87	19,013	2.75	7,266	2.67	1,894	2.42	6,701	2.90
Physical workers -----	53,274	2.60	3,655	2.70	12,961	-	3,603	2.50	3,748	2.05	6,096	1.92	12,680	2.87	5,159	2.79	1,358	2.53	4,014	2.98
Office workers -----	24,171	2.32	1,291	2.14	4,947	-	1,423	2.47	1,628	1.90	3,219	1.78	6,333	2.49	2,107	2.38	536	2.14	2,687	2.78
<b>Combination systems:</b>																				
Total nonsupervisory workers -----	154,325	2.85	5,295	2.88	60,468	-	14,865	2.62	-	-	4,613	2.53	33,178	2.82	10,919	2.48	6,027	2.73	17,551	3.05
Physical workers -----	110,829	2.98	3,967	3.04	43,480	-	10,607	2.73	-	-	3,179	2.64	23,151	2.98	8,141	2.68	4,390	2.90	12,987	3.13
Office workers -----	43,496	2.51	1,328	2.40	16,988	-	4,258	2.36	-	-	1,434	2.31	10,027	2.45	2,778	1.89	1,637	2.28	4,564	2.81

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Earnings data for other than the selected occupations were insufficient to justify publication of averages for all nonsupervisory workers.

<sup>3</sup> Includes systems engaged in gas distribution; gas transmission and distribution; gas production; or gas production and distribution.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 2. Earnings Distribution: All Systems—All Nonsupervisory Workers

(Percent distribution of workers in electric and gas systems by average straight-time hourly earnings,<sup>1</sup> United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	New England	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
Under \$ 1.30 -----	1.3	0.8	1.0	3.1	5.1	0.3	2.2	0.8	0.1
\$ 1.30 and under \$ 1.40 -----	.9	.8	1.3	2.7	2.8	.3	1.3	.8	.1
\$ 1.40 and under \$ 1.50 -----	1.1	.7	1.6	2.8	3.4	.7	1.1	.8	.2
\$ 1.50 and under \$ 1.60 -----	1.6	1.2	1.7	4.6	4.7	.8	1.5	1.3	.2
\$ 1.60 and under \$ 1.70 -----	1.7	1.3	2.0	2.9	4.6	1.2	2.2	1.5	.3
\$ 1.70 and under \$ 1.80 -----	1.9	1.4	2.3	3.5	4.4	1.3	1.9	1.9	.4
\$ 1.80 and under \$ 1.90 -----	2.2	1.7	4.0	3.3	5.5	1.6	1.9	2.5	.6
\$ 1.90 and under \$ 2.00 -----	2.4	3.1	3.0	3.7	4.2	1.4	2.5	2.4	.5
\$ 2.00 and under \$ 2.10 -----	3.0	4.5	4.7	4.4	5.5	1.8	2.3	3.0	1.2
\$ 2.10 and under \$ 2.20 -----	3.2	3.5	6.5	4.5	4.9	2.0	3.2	3.7	1.6
\$ 2.20 and under \$ 2.30 -----	3.7	5.1	6.0	4.1	3.8	3.3	3.6	4.6	1.8
\$ 2.30 and under \$ 2.40 -----	4.4	4.9	5.1	4.6	6.3	3.9	3.8	7.3	1.9
\$ 2.40 and under \$ 2.50 -----	5.1	7.4	5.7	4.9	5.7	4.7	4.6	4.8	3.0
\$ 2.50 and under \$ 2.60 -----	6.1	8.1	6.7	5.4	4.9	5.3	8.2	6.8	6.8
\$ 2.60 and under \$ 2.70 -----	6.9	7.1	9.1	7.1	4.7	7.3	7.5	7.4	4.9
\$ 2.70 and under \$ 2.80 -----	6.7	7.9	5.5	3.4	5.1	7.9	8.7	8.1	9.5
\$ 2.80 and under \$ 2.90 -----	6.5	6.9	5.4	4.9	5.8	6.6	7.0	5.0	7.2
\$ 2.90 and under \$ 3.00 -----	6.5	5.4	3.7	2.5	4.1	6.8	7.0	11.3	10.3
\$ 3.00 and under \$ 3.10 -----	6.4	5.0	3.4	2.7	3.9	7.0	7.2	4.8	6.5
\$ 3.10 and under \$ 3.20 -----	5.3	3.6	4.9	5.4	3.1	7.6	5.7	7.6	4.2
\$ 3.20 and under \$ 3.30 -----	5.3	4.7	4.2	12.5	3.6	5.4	3.3	3.2	6.6
\$ 3.30 and under \$ 3.40 -----	4.2	4.2	3.4	2.5	1.8	5.6	2.0	3.9	7.7
\$ 3.40 and under \$ 3.50 -----	2.9	3.6	2.6	.8	.6	4.2	1.3	4.2	2.4
\$ 3.50 and under \$ 3.60 -----	3.7	1.9	2.3	.5	.5	3.5	2.1	.6	10.5
\$ 3.60 and under \$ 3.70 -----	2.9	2.0	1.2	1.1	.3	2.6	2.4	.5	5.5
\$ 3.70 and over -----	4.3	3.1	2.6	1.8	.5	6.9	5.5	1.1	5.8
<b>Total -----</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of workers -----	405,302	25,583	31,377	30,939	45,015	97,120	29,337	14,749	35,548
Average hourly earnings <sup>1</sup> -----	\$ 2.73	\$ 2.69	\$ 2.57	\$ 2.47	\$ 2.29	\$ 2.87	\$ 2.68	\$ 2.65	\$ 3.02

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Includes data for the Middle Atlantic region in addition to regions shown separately.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 3. Earnings Distribution: Electric Systems—All Nonsupervisory Workers

(Percent distribution of workers in electric systems by average straight-time hourly earnings,<sup>1</sup> United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	New England	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
Under \$ 1.30	1.2	1.0	1.2	5.4	0.2	0.5	2.2	-
\$ 1.30 and under \$ 1.40	1.1	1.0	1.8	3.1	.2	.4	1.0	(3)
\$ 1.40 and under \$ 1.50	1.4	.7	2.2	3.9	.9	.3	.8	(3)
\$ 1.50 and under \$ 1.60	1.6	1.2	4.2	3.8	.6	.2	1.0	0.2
\$ 1.60 and under \$ 1.70	1.7	1.3	2.0	4.4	1.1	1.5	1.8	.2
\$ 1.70 and under \$ 1.80	1.9	1.4	3.1	4.4	1.0	1.0	1.5	.5
\$ 1.80 and under \$ 1.90	2.3	1.7	2.4	5.1	1.5	1.1	2.6	.8
\$ 1.90 and under \$ 2.00	2.4	3.3	3.3	3.9	1.2	2.2	3.2	.6
\$ 2.00 and under \$ 2.10	3.3	4.7	4.7	6.1	1.5	1.8	4.9	1.0
\$ 2.10 and under \$ 2.20	3.2	3.3	4.2	5.2	1.5	1.9	3.7	2.6
\$ 2.20 and under \$ 2.30	3.7	5.4	3.4	3.3	2.4	2.0	6.2	2.3
\$ 2.30 and under \$ 2.40	4.2	5.5	4.4	6.1	2.7	1.5	7.1	1.6
\$ 2.40 and under \$ 2.50	5.1	8.4	5.1	4.7	4.1	4.0	5.0	5.6
\$ 2.50 and under \$ 2.60	5.7	8.2	5.6	3.9	5.1	5.6	8.3	7.2
\$ 2.60 and under \$ 2.70	6.1	5.9	5.9	4.0	6.7	3.4	5.8	4.4
\$ 2.70 and under \$ 2.80	5.5	7.1	3.8	4.0	5.9	7.2	2.9	7.9
\$ 2.80 and under \$ 2.90	5.6	5.2	5.6	6.6	5.5	4.6	4.4	6.1
\$ 2.90 and under \$ 3.00	5.3	5.7	2.4	4.0	5.8	7.4	4.7	8.8
\$ 3.00 and under \$ 3.10	4.9	4.6	2.8	4.5	6.1	6.8	4.9	4.6
\$ 3.10 and under \$ 3.20	5.4	3.2	6.5	4.3	6.7	4.7	14.0	5.3
\$ 3.20 and under \$ 3.30	6.9	4.9	16.6	3.8	7.3	3.8	4.2	3.7
\$ 3.30 and under \$ 3.40	5.6	5.8	3.3	3.1	8.5	1.9	4.3	3.7
\$ 3.40 and under \$ 3.50	3.2	3.4	1.0	.7	4.5	2.3	2.8	2.0
\$ 3.50 and under \$ 3.60	3.8	2.1	.6	.6	3.1	6.3	.4	15.2
\$ 3.60 and under \$ 3.70	2.8	1.9	1.5	.6	3.4	7.9	.7	8.7
\$ 3.70 and over	6.4	3.0	2.3	.6	12.4	19.6	1.5	7.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of workers	148,635	15,102	23,073	19,236	41,716	7,927	3,439	10,880
Average hourly earnings <sup>1</sup>	\$ 2.76	\$ 2.68	\$ 2.60	\$ 2.32	\$ 2.98	\$ 3.06	\$ 2.62	\$ 3.05

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Includes data for regions in addition to those shown separately.

<sup>3</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.



Table 4. Earnings Distribution: Gas Transmission Systems—All Nonsupervisory Workers

(Percent distribution of workers in gas transmission systems by average straight-time hourly earnings,<sup>1</sup>  
United States and the Southwest region, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	Southwest	Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	Southwest
Under \$1.30 -----	1.5	1.2	\$2.80 and under \$2.90 -----	9.5	7.3
\$1.30 and under \$1.40 -----	.8	.4	\$2.90 and under \$3.00 -----	7.2	6.8
\$1.40 and under \$1.50 -----	1.0	1.3	\$3.00 and under \$3.10 -----	5.5	5.0
\$1.50 and under \$1.60 -----	1.6	1.7	\$3.10 and under \$3.20 -----	3.7	3.7
\$1.60 and under \$1.70 -----	2.1	2.5	\$3.20 and under \$3.30 -----	1.6	1.4
\$1.70 and under \$1.80 -----	2.3	3.0	\$3.30 and under \$3.40 -----	1.0	.9
\$1.80 and under \$1.90 -----	3.0	3.3	\$3.40 and under \$3.50 -----	.6	.3
\$1.90 and under \$2.00 -----	2.4	2.9	\$3.50 and under \$3.60 -----	.5	.2
\$2.00 and under \$2.10 -----	3.6	5.2	\$3.60 and under \$3.70 -----	.5	( <sup>3</sup> )
\$2.10 and under \$2.20 -----	3.2	3.9	\$3.70 and over -----	.8	.3
\$2.20 and under \$2.30 -----	3.7	3.1			
\$2.30 and under \$2.40 -----	7.1	9.6	Total -----	100.0	100.0
\$2.40 and under \$2.50 -----	6.0	8.6			
\$2.50 and under \$2.60 -----	11.3	9.1	Number of workers -----	24,897	11,851
\$2.60 and under \$2.70 -----	9.5	7.9	Average hourly earnings <sup>1</sup> -----	\$2.54	\$2.48
\$2.70 and under \$2.80 -----	10.1	10.3			

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for regions in addition to the Southwest.<sup>3</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 5. Earnings Distribution: Other Gas Systems—All Nonsupervisory Workers

(Percent distribution of workers in gas systems (except transmission) by average straight-time hourly earnings,<sup>1</sup> United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	New England	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
Under \$1.30	2.7	0.4	-	11.3	10.8	0.5	0.8	0.7	-
\$1.30 and under \$1.40	1.5	.5	0.2	7.0	5.6	.3	.5	1.9	-
\$1.40 and under \$1.50	1.6	.8	.4	5.2	6.1	.5	.9	2.2	( <sup>3</sup> )
\$1.50 and under \$1.60	2.7	1.5	.7	6.6	11.7	1.0	.6	3.2	0.3
\$1.60 and under \$1.70	2.5	1.2	1.4	6.6	8.9	1.1	1.3	4.4	.2
\$1.70 and under \$1.80	2.5	2.0	1.1	4.9	6.4	2.2	2.0	3.9	.3
\$1.80 and under \$1.90	3.0	1.8	1.6	4.7	9.1	1.9	1.6	5.5	.3
\$1.90 and under \$2.00	3.0	3.6	3.1	5.1	5.4	1.8	2.9	3.1	.3
\$2.00 and under \$2.10	3.4	5.2	4.0	4.4	5.5	2.3	2.9	4.5	.1
\$2.10 and under \$2.20	4.3	5.0	13.8	5.5	5.1	2.5	3.8	6.0	1.9
\$2.20 and under \$2.30	4.4	6.2	7.8	3.3	5.8	3.5	2.5	4.4	2.1
\$2.30 and under \$2.40	5.2	5.2	9.5	4.8	3.6	5.5	5.0	7.4	2.9
\$2.40 and under \$2.50	6.1	8.1	11.3	4.3	4.6	4.9	3.0	2.6	4.1
\$2.50 and under \$2.60	6.8	11.8	8.0	2.6	2.5	5.7	7.9	11.0	4.5
\$2.60 and under \$2.70	8.2	11.6	6.7	14.4	2.0	7.1	9.2	2.3	8.1
\$2.70 and under \$2.80	7.9	8.0	9.1	2.1	1.2	10.2	9.9	8.6	5.9
\$2.80 and under \$2.90	8.0	10.4	2.4	1.6	1.8	6.8	8.9	7.5	24.6
\$2.90 and under \$3.00	7.0	5.5	3.9	2.2	1.5	11.4	11.0	5.9	7.2
\$3.00 and under \$3.10	6.1	4.5	1.5	2.2	1.2	7.9	8.4	3.4	7.2
\$3.10 and under \$3.20	4.8	1.9	9.4	.6	.4	8.1	6.7	5.4	8.8
\$3.20 and under \$3.30	2.7	.8	.9	.2	.5	2.9	4.7	.1	12.0
\$3.30 and under \$3.40	1.4	.6	2.2	.1	.2	1.0	3.8	3.2	4.7
\$3.40 and under \$3.50	1.0	.3	.9	.1	( <sup>3</sup> )	2.8	.5	1.3	.5
\$3.50 and under \$3.60	1.5	.5	.2	.1	( <sup>3</sup> )	4.5	.4	.1	2.6
\$3.60 and under \$3.70	.5	.3	( <sup>3</sup> )	.1	( <sup>3</sup> )	1.2	.5	1.2	.4
\$3.70 and over	1.0	2.3	.1	( <sup>3</sup> )	( <sup>3</sup> )	2.4	.2	.4	1.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of workers	77,445	4,946	5,026	5,376	9,315	19,013	7,266	1,894	6,701
Average hourly earnings <sup>1</sup>	\$2.51	\$2.55	\$2.49	\$2.01	\$1.87	\$2.75	\$2.67	\$2.42	\$2.90

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Includes data for the Middle Atlantic region in addition to regions shown separately.

<sup>3</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 6. Earnings Distribution: Combination Systems—All Nonsupervisory Workers

(Percent distribution of workers in combination systems (electric and gas) by average straight-time hourly earnings,<sup>1</sup> United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	New England	Border States	Southwest	Great Lakes	Middle West	Mountain	Pacific
Under \$ 1.30 -----	0.6	0.5	1.0	2.9	0.1	3.8	0.3	0.2
\$ 1.30 and under \$ 1.40 -----	.5	.5	.9	1.3	.3	2.2	.6	.2
\$ 1.40 and under \$ 1.50 -----	.7	.6	1.8	1.3	.5	1.8	.6	.3
\$ 1.50 and under \$ 1.60 -----	1.0	.9	2.6	2.3	.7	3.0	1.0	.2
\$ 1.60 and under \$ 1.70 -----	1.2	1.2	2.2	2.4	1.2	2.9	1.1	.3
\$ 1.70 and under \$ 1.80 -----	1.4	.8	2.3	4.1	1.2	2.3	2.0	.4
\$ 1.80 and under \$ 1.90 -----	1.6	1.6	4.2	5.9	1.4	2.5	2.2	.7
\$ 1.90 and under \$ 2.00 -----	2.1	1.4	2.8	6.3	1.5	2.1	2.4	.5
\$ 2.00 and under \$ 2.10 -----	2.3	2.8	4.1	3.9	1.9	2.1	2.6	1.7
\$ 2.10 and under \$ 2.20 -----	2.7	2.6	5.1	5.5	2.3	3.8	4.3	.9
\$ 2.20 and under \$ 2.30 -----	3.5	3.1	5.4	4.0	4.5	5.9	3.8	1.4
\$ 2.30 and under \$ 2.40 -----	3.8	2.6	3.6	4.1	4.5	5.2	7.3	1.7
\$ 2.40 and under \$ 2.50 -----	4.6	4.3	5.2	4.3	5.7	5.7	5.9	1.1
\$ 2.50 and under \$ 2.60 -----	5.2	4.5	7.2	3.3	4.8	6.5	4.0	7.5
\$ 2.60 and under \$ 2.70 -----	6.6	6.1	7.0	4.5	8.6	7.1	6.2	4.0
\$ 2.70 and under \$ 2.80 -----	6.7	10.0	5.3	4.5	8.6	9.1	7.9	12.1
\$ 2.80 and under \$ 2.90 -----	6.3	8.4	6.8	6.9	6.0	7.9	2.8	1.2
\$ 2.90 and under \$ 3.00 -----	7.4	4.7	3.0	3.1	6.0	5.6	12.6	12.4
\$ 3.00 and under \$ 3.10 -----	8.0	6.8	4.2	4.5	7.3	7.5	4.5	7.6
\$ 3.10 and under \$ 3.20 -----	5.7	6.3	5.5	2.2	8.7	6.6	7.2	1.6
\$ 3.20 and under \$ 3.30 -----	5.6	8.2	4.6	14.5	4.8	2.4	4.4	6.5
\$ 3.30 and under \$ 3.40 -----	4.7	3.4	5.4	2.3	5.1	1.3	5.9	11.3
\$ 3.40 and under \$ 3.50 -----	3.9	7.5	2.7	2.0	5.0	1.4	7.4	3.3
\$ 3.50 and under \$ 3.60 -----	5.1	2.8	1.2	1.6	3.7	.8	1.1	10.7
\$ 3.60 and under \$ 3.70 -----	4.6	3.9	1.8	.4	2.6	.2	.5	5.3
\$ 3.70 and over -----	4.5	4.5	4.3	2.0	2.9	.2	1.3	6.6
Total -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of workers -----	154,325	5,295	14,865	4,613	33,178	10,919	6,027	17,551
Average hourly earnings <sup>1</sup> -----	\$ 2.85	\$ 2.88	\$ 2.62	\$ 2.53	\$ 2.82	\$ 2.48	\$ 2.73	\$ 3.05

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for regions in addition to those shown separately.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 7. Earnings Distribution: All Systems—Nonsupervisory Physical Workers

(Percent distribution of workers in electric and gas systems by average straight-time hourly earnings,<sup>1</sup> United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	New England	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
Under \$ 1.30 -----	0.8	0.3	0.5	2.9	3.3	0.1	0.9	0.3	0.1
\$ 1.30 and under \$ 1.40 -----	.4	.1	.6	2.4	1.5	.1	.2	.2	( <sup>3</sup> )
\$ 1.40 and under \$ 1.50 -----	.4	.1	.7	2.0	1.9	( <sup>3</sup> )	.2	.1	( <sup>3</sup> )
\$ 1.50 and under \$ 1.60 -----	.9	.2	.3	4.3	4.1	.2	.5	.4	( <sup>3</sup> )
\$ 1.60 and under \$ 1.70 -----	.8	.3	.9	2.0	3.6	.2	.6	.7	-
\$ 1.70 and under \$ 1.80 -----	.9	.2	1.2	2.9	3.4	.1	.9	.5	.1
\$ 1.80 and under \$ 1.90 -----	1.2	.4	3.1	2.6	4.3	.4	.7	1.0	.1
\$ 1.90 and under \$ 2.00 -----	1.4	1.4	1.9	2.6	3.5	.3	1.1	.9	( <sup>3</sup> )
\$ 2.00 and under \$ 2.10 -----	2.0	2.2	4.4	4.1	4.5	.5	1.5	1.5	.1
\$ 2.10 and under \$ 2.20 -----	2.3	2.6	6.7	4.3	4.5	.7	2.1	2.8	.3
\$ 2.20 and under \$ 2.30 -----	3.1	4.3	6.2	3.8	4.0	1.5	3.3	4.4	1.0
\$ 2.30 and under \$ 2.40 -----	4.2	4.6	5.4	4.0	7.2	2.8	3.7	7.4	1.2
\$ 2.40 and under \$ 2.50 -----	4.9	7.5	5.9	4.2	6.6	4.3	4.8	4.7	2.4
\$ 2.50 and under \$ 2.60 -----	6.5	8.9	8.1	6.2	5.4	5.2	9.5	7.3	6.6
\$ 2.60 and under \$ 2.70 -----	7.8	8.3	10.5	8.1	5.6	8.3	9.1	8.9	4.8
\$ 2.70 and under \$ 2.80 -----	7.3	8.7	6.1	3.6	6.1	8.9	10.6	8.9	9.1
\$ 2.80 and under \$ 2.90 -----	7.0	8.2	6.2	4.8	6.8	8.1	8.5	5.4	5.4
\$ 2.90 and under \$ 3.00 -----	7.2	6.6	3.9	1.8	5.4	8.2	8.2	13.8	12.7
\$ 3.00 and under \$ 3.10 -----	7.0	5.9	3.4	2.7	5.2	8.0	8.8	5.0	5.2
\$ 3.10 and under \$ 3.20 -----	6.0	4.4	6.0	6.3	4.0	9.0	6.6	9.6	3.6
\$ 3.20 and under \$ 3.30 -----	6.2	5.8	5.4	16.3	4.7	6.1	3.8	3.7	8.6
\$ 3.30 and under \$ 3.40 -----	4.9	5.5	4.0	2.9	2.3	6.7	2.1	4.8	7.4
\$ 3.40 and under \$ 3.50 -----	3.6	4.5	3.0	.9	.7	5.1	1.4	5.4	2.9
\$ 3.50 and under \$ 3.60 -----	4.7	2.4	2.7	.5	.6	4.0	2.4	.8	14.8
\$ 3.60 and under \$ 3.70 -----	3.6	2.4	1.0	1.4	.3	3.3	2.8	.5	6.5
\$ 3.70 and over -----	4.9	4.1	2.1	2.3	.5	7.7	5.5	1.2	7.2
<b>Total -----</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of workers -----	290,115	19,272	22,368	23,065	30,248	67,713	21,678	11,158	24,858
Average hourly earnings <sup>1</sup> -----	\$ 2.86	\$ 2.85	\$ 2.66	\$ 2.56	\$ 2.42	\$ 3.01	\$ 2.81	\$ 2.79	\$ 3.13

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Includes data for the Middle Atlantic region in addition to regions shown separately.

<sup>3</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 8. Earnings Distribution: Electric Systems—Nonsupervisory Physical Workers

(Percent distribution of workers in electric systems by average straight-time hourly earnings,<sup>1</sup>  
United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	New England	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
Under \$ 1.30	0.8	0.4	1.1	3.2	0.1	0.2	0.7	-
\$ 1.30 and under \$ 1.40	.6	.2	1.4	1.6	-	( <sup>3</sup> )	.2	-
\$ 1.40 and under \$ 1.50	.6	.1	1.4	2.0	.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
\$ 1.50 and under \$ 1.60	1.1	.3	4.0	2.6	.2	.1	.4	-
\$ 1.60 and under \$ 1.70	.8	.5	1.1	2.8	.3	.6	.7	-
\$ 1.70 and under \$ 1.80	1.1	.2	2.8	3.4	.1	.6	.5	0.2
\$ 1.80 and under \$ 1.90	1.2	.5	1.7	3.6	.5	.7	1.3	.2
\$ 1.90 and under \$ 2.00	1.4	1.4	2.5	3.0	.4	.8	1.5	( <sup>3</sup> )
\$ 2.00 and under \$ 2.10	2.4	2.4	4.6	5.0	.5	1.3	3.7	.1
\$ 2.10 and under \$ 2.20	2.4	2.5	4.0	5.4	.5	.8	3.2	.1
\$ 2.20 and under \$ 2.30	2.9	4.7	2.9	3.6	1.0	1.4	6.1	.7
\$ 2.30 and under \$ 2.40	3.8	5.6	3.9	6.8	2.0	.8	5.6	.5
\$ 2.40 and under \$ 2.50	4.9	8.2	4.5	5.0	4.3	3.8	5.6	4.3
\$ 2.50 and under \$ 2.60	5.8	9.3	6.2	4.7	4.7	5.8	8.5	5.1
\$ 2.60 and under \$ 2.70	6.8	6.9	6.2	4.6	7.3	3.5	6.6	4.8
\$ 2.70 and under \$ 2.80	5.7	7.7	3.9	4.9	5.9	8.3	3.4	6.5
\$ 2.80 and under \$ 2.90	6.4	6.6	5.1	8.5	6.7	5.3	5.2	6.9
\$ 2.90 and under \$ 3.00	5.6	6.9	1.2	5.2	6.4	8.2	5.4	8.3
\$ 3.00 and under \$ 3.10	5.5	5.4	2.6	6.0	6.7	7.6	5.3	5.4
\$ 3.10 and under \$ 3.20	5.9	4.0	7.4	5.7	7.0	4.6	18.4	3.7
\$ 3.20 and under \$ 3.30	8.4	5.9	21.4	5.3	7.8	4.4	5.5	4.6
\$ 3.30 and under \$ 3.40	6.7	7.5	3.7	4.3	10.3	1.5	5.4	3.6
\$ 3.40 and under \$ 3.50	3.9	4.1	1.0	.9	5.6	2.4	3.7	2.4
\$ 3.50 and under \$ 3.60	4.6	2.7	.7	.8	3.1	7.5	.6	21.4
\$ 3.60 and under \$ 3.70	3.5	2.3	1.8	.6	4.4	10.0	.7	12.3
\$ 3.70 and over	7.3	3.9	2.9	.7	14.5	19.9	1.9	8.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of workers	108,279	11,472	17,498	13,534	29,465	5,818	2,593	7,545
Average hourly earnings <sup>1</sup>	\$ 2.89	\$ 2.84	\$ 2.69	\$ 2.49	\$ 3.12	\$ 3.15	\$ 2.78	\$ 3.21

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for regions in addition to those shown separately.<sup>3</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 9. Earnings Distribution: Gas Transmission Systems—Nonsupervisory Physical Workers

(Percent distribution of workers in gas transmission systems by average straight-time hourly earnings,<sup>1</sup> United States and the Southwest region, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	Southwest	Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	Southwest
Under \$ 1.30 -----	0.6	0.8	\$ 2.80 and under \$ 2.90 -----	10.6	7.1
\$ 1.30 and under \$ 1.40 -----	.3	.1	\$ 2.90 and under \$ 3.00 -----	9.1	9.8
\$ 1.40 and under \$ 1.50 -----	.1	.1	\$ 3.00 and under \$ 3.10 -----	6.5	6.3
\$ 1.50 and under \$ 1.60 -----	.6	.4	\$ 3.10 and under \$ 3.20 -----	4.3	4.6
\$ 1.60 and under \$ 1.70 -----	.7	.6	\$ 3.20 and under \$ 3.30 -----	1.6	1.3
\$ 1.70 and under \$ 1.80 -----	1.1	1.7	\$ 3.30 and under \$ 3.40 -----	.7	.3
\$ 1.80 and under \$ 1.90 -----	1.5	1.3	\$ 3.40 and under \$ 3.50 -----	.5	.2
\$ 1.90 and under \$ 2.00 -----	.9	.7	\$ 3.50 and under \$ 3.60 -----	.5	.2
\$ 2.00 and under \$ 2.10 -----	2.2	3.0	\$ 3.60 and under \$ 3.70 -----	.5	( <sup>3</sup> )
\$ 2.10 and under \$ 2.20 -----	2.1	2.6	\$ 3.70 and over -----	.6	( <sup>3</sup> )
\$ 2.20 and under \$ 2.30 -----	3.3	2.2			
\$ 2.30 and under \$ 2.40 -----	7.7	11.7			
\$ 2.40 and under \$ 2.50 -----	6.6	11.0	Total -----	100.0	100.0
\$ 2.50 and under \$ 2.60 -----	13.4	10.2			
\$ 2.60 and under \$ 2.70 -----	11.9	10.8	Number of workers -----	17,733	7,439
\$ 2.70 and under \$ 2.80 -----	12.1	13.0	Average hourly earnings <sup>1</sup> -----	\$ 2.65	\$ 2.61

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Includes data for regions in addition to the Southwest.

<sup>3</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 10. Earnings Distribution: Other Gas Systems—Nonsupervisory Physical Workers

(Percent distribution of workers in gas systems (except transmission) by average straight-time hourly earnings,<sup>1</sup>  
United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	New England	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
Under \$ 1.30 -----	1.7	0.1	-	11.3	7.2	0.1	0.4	0.4	-
\$ 1.30 and under \$ 1.40 -----	.9	-	-	7.2	3.3	( <sup>3</sup> )	.2	.8	-
\$ 1.40 and under \$ 1.50 -----	.9	-	-	4.9	4.5	( <sup>3</sup> )	.3	.8	-
\$ 1.50 and under \$ 1.60 -----	2.2	.2	0.3	6.4	13.5	( <sup>3</sup> )	.2	2.1	-
\$ 1.60 and under \$ 1.70 -----	2.0	.1	1.1	6.5	9.8	.3	.2	4.0	-
\$ 1.70 and under \$ 1.80 -----	1.5	.2	1.4	3.4	5.8	.1	.8	2.4	-
\$ 1.80 and under \$ 1.90 -----	2.1	.4	.9	3.7	10.2	.3	.4	3.1	-
\$ 1.90 and under \$ 2.00 -----	2.0	2.5	1.2	4.3	5.9	.4	1.0	1.3	-
\$ 2.00 and under \$ 2.10 -----	2.4	2.0	3.1	3.8	6.2	.6	1.5	2.7	-
\$ 2.10 and under \$ 2.20 -----	3.5	3.7	15.7	5.5	5.7	.8	1.3	6.7	0.8
\$ 2.20 and under \$ 2.30 -----	4.0	5.7	8.8	3.2	7.0	2.3	.8	4.6	1.6
\$ 2.30 and under \$ 2.40 -----	5.0	4.7	10.6	3.8	4.0	4.5	4.9	8.8	1.7
\$ 2.40 and under \$ 2.50 -----	6.6	9.1	13.0	2.1	5.8	3.9	2.5	2.8	4.7
\$ 2.50 and under \$ 2.60 -----	7.9	13.7	8.5	3.0	2.0	6.3	9.2	13.7	3.4
\$ 2.60 and under \$ 2.70 -----	9.5	14.7	5.8	19.8	1.9	9.0	11.3	3.2	6.0
\$ 2.70 and under \$ 2.80 -----	9.6	8.8	10.0	2.1	1.1	13.1	12.2	8.5	6.2
\$ 2.80 and under \$ 2.90 -----	7.8	13.0	1.5	1.9	1.7	8.7	10.9	9.5	16.8
\$ 2.90 and under \$ 3.00 -----	8.9	7.0	2.7	2.9	1.8	15.3	13.6	8.0	10.8
\$ 3.00 and under \$ 3.10 -----	7.6	5.5	1.3	2.9	1.6	10.3	10.2	3.6	10.7
\$ 3.10 and under \$ 3.20 -----	5.4	2.4	10.7	.7	.5	10.1	7.8	7.1	9.3
\$ 3.20 and under \$ 3.30 -----	3.0	1.0	.5	.2	.4	3.0	5.3	.1	17.8
\$ 3.30 and under \$ 3.40 -----	1.3	.8	2.6	.2	.1	.3	4.5	3.8	4.5
\$ 3.40 and under \$ 3.50 -----	1.0	.4	.4	.1	( <sup>3</sup> )	2.8	.2	1.3	.3
\$ 3.50 and under \$ 3.60 -----	1.6	.7	-	.1	-	5.2	.1	-	4.0
\$ 3.60 and under \$ 3.70 -----	.4	.4	-	.1	-	1.2	.4	.6	.4
\$ 3.70 and over -----	.8	3.1	-	.1	( <sup>3</sup> )	1.3	-	.1	1.0
Total -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of workers -----	53,274	3,655	3,603	3,748	6,096	12,680	5,159	1,358	4,014
Average hourly earnings <sup>1</sup> -----	\$ 2.60	\$ 2.70	\$ 2.50	\$ 2.05	\$ 1.92	\$ 2.87	\$ 2.79	\$ 2.53	\$ 2.98

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for the Middle Atlantic region in addition to regions shown separately.<sup>3</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table II. Earnings Distribution: Combination Systems—Nonsupervisory Physical Workers

(Percent distribution of workers in combination systems (electric and gas) by average straight-time hourly earnings.<sup>1</sup> United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	New England	Border States	Southwest	Great Lakes	Middle West	Mountain	Pacific
Under \$ 1.30 -----	0.3	0.2	( <sup>3</sup> )	2.3	0.1	1.8	( <sup>3</sup> )	0.2
\$ 1.30 and under \$ 1.40 -----	.1	.1	0.1	1.1	.1	.1	0.1	( <sup>3</sup> )
\$ 1.40 and under \$ 1.50 -----	.2	.1	.8	.7	( <sup>3</sup> )	.1	-	( <sup>3</sup> )
\$ 1.50 and under \$ 1.60 -----	.2	.3	.2	1.4	.1	.7	( <sup>3</sup> )	( <sup>3</sup> )
\$ 1.60 and under \$ 1.70 -----	.3	.3	.7	2.1	( <sup>3</sup> )	.3	.1	-
\$ 1.70 and under \$ 1.80 -----	.3	.2	.8	2.4	.1	.8	.1	( <sup>3</sup> )
\$ 1.80 and under \$ 1.90 -----	.7	.1	3.9	3.5	.3	.7	.4	( <sup>3</sup> )
\$ 1.90 and under \$ 2.00 -----	1.2	.3	2.2	7.6	.1	1.0	.5	( <sup>3</sup> )
\$ 2.00 and under \$ 2.10 -----	1.2	1.1	4.2	2.2	.4	1.4	.5	.1
\$ 2.10 and under \$ 2.20 -----	1.7	1.9	5.2	2.4	.8	3.5	3.0	.3
\$ 2.20 and under \$ 2.30 -----	2.9	1.9	6.1	4.7	1.9	6.7	3.4	.9
\$ 2.30 and under \$ 2.40 -----	3.5	1.3	3.8	4.8	3.1	5.8	7.6	1.4
\$ 2.40 and under \$ 2.50 -----	3.9	3.9	5.6	4.9	5.0	6.5	5.7	.6
\$ 2.50 and under \$ 2.60 -----	5.5	3.7	8.9	3.5	4.5	7.5	3.7	8.5
\$ 2.60 and under \$ 2.70 -----	7.3	6.3	7.3	4.7	9.7	8.6	7.5	4.6
\$ 2.70 and under \$ 2.80 -----	7.1	11.3	5.9	4.4	9.8	11.5	8.7	11.6
\$ 2.80 and under \$ 2.90 -----	6.5	8.7	8.0	8.8	7.0	10.0	3.0	1.0
\$ 2.90 and under \$ 3.00 -----	7.7	5.1	3.3	3.4	7.5	7.0	15.6	15.8
\$ 3.00 and under \$ 3.10 -----	8.3	7.8	4.4	5.4	8.0	9.7	4.5	3.6
\$ 3.10 and under \$ 3.20 -----	6.6	7.7	6.9	2.8	10.9	8.5	9.2	1.7
\$ 3.20 and under \$ 3.30 -----	6.3	10.2	5.9	18.7	6.1	3.1	4.9	8.2
\$ 3.30 and under \$ 3.40 -----	5.4	4.2	6.8	2.9	6.4	1.6	7.6	10.5
\$ 3.40 and under \$ 3.50 -----	4.9	9.7	3.0	2.3	6.2	1.8	10.0	4.0
\$ 3.50 and under \$ 3.60 -----	6.8	3.3	.9	1.6	4.9	1.0	1.5	14.4
\$ 3.60 and under \$ 3.70 -----	5.6	4.8	2.0	.2	3.4	.2	.6	4.6
\$ 3.70 and over -----	5.4	5.7	3.1	1.2	3.5	.2	1.5	7.9
Total -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of workers -----	110,829	3,967	10,607	3,179	23,151	8,141	4,390	12,987
Average hourly earnings <sup>1</sup> -----	\$ 2.98	\$ 3.04	\$ 2.73	\$ 2.64	\$ 2.98	\$ 2.68	\$ 2.90	\$ 3.13

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Includes data for regions in addition to those shown separately.

<sup>3</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.



Table 12. Earnings Distribution: All Systems—Nonsupervisory Office Workers

(Percent distribution of workers in electric and gas systems by average straight-time hourly earnings,<sup>1</sup>  
United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>			New England	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
	Total	Men	Women								
Under \$1.30 -----	2.6	0.8	3.9	2.3	2.1	3.7	8.9	0.7	5.8	2.6	0.1
\$1.30 and under \$1.40 -----	2.1	.6	3.1	2.9	3.1	3.6	5.3	.9	4.2	2.6	.3
\$1.40 and under \$1.50 -----	2.9	.9	4.2	2.5	3.9	5.1	6.4	2.2	3.6	3.0	.5
\$1.50 and under \$1.60 -----	3.2	1.1	4.6	4.0	5.3	5.5	6.0	2.1	4.5	4.2	.7
\$1.60 and under \$1.70 -----	3.9	1.1	5.8	4.1	5.0	5.4	6.7	3.4	6.7	4.1	.9
\$1.70 and under \$1.80 -----	4.3	1.1	6.3	5.1	4.9	5.4	6.6	4.2	4.8	6.5	1.2
\$1.80 and under \$1.90 -----	4.6	2.0	6.5	5.8	6.4	5.4	7.9	4.2	5.4	7.2	1.9
\$1.90 and under \$2.00 -----	4.9	2.5	6.5	8.0	5.5	6.8	5.7	4.1	6.3	7.0	1.6
\$2.00 and under \$2.10 -----	5.4	2.8	7.3	11.5	5.4	5.2	7.6	4.8	4.6	7.9	3.6
\$2.10 and under \$2.20 -----	5.3	3.0	7.0	6.2	6.0	5.3	5.7	5.1	6.4	6.2	4.5
\$2.20 and under \$2.30 -----	5.4	3.5	6.6	7.3	5.6	4.7	3.4	7.4	4.5	5.2	3.8
\$2.30 and under \$2.40 -----	5.0	3.6	6.1	5.8	4.4	6.4	4.4	6.2	3.9	7.0	3.7
\$2.40 and under \$2.50 -----	5.7	4.7	6.3	7.3	5.3	7.2	3.8	5.6	4.1	4.9	4.4
\$2.50 and under \$2.60 -----	4.8	5.0	4.7	5.7	3.3	3.3	4.0	5.5	4.3	5.5	7.2
\$2.60 and under \$2.70 -----	4.5	5.5	3.9	3.5	5.4	4.1	2.8	5.0	3.1	2.8	5.1
\$2.70 and under \$2.80 -----	5.0	6.5	4.1	5.4	4.2	3.0	3.2	5.5	3.3	5.6	10.7
\$2.80 and under \$2.90 -----	5.4	8.0	3.6	2.7	3.5	5.4	3.6	3.1	2.8	3.7	11.4
\$2.90 and under \$3.00 -----	4.8	8.6	2.2	2.1	3.2	4.7	1.4	3.6	3.4	3.5	4.8
\$3.00 and under \$3.10 -----	4.7	7.9	2.5	2.5	3.6	2.6	1.5	4.7	2.8	4.4	9.6
\$3.10 and under \$3.20 -----	3.5	6.5	1.4	1.0	2.3	2.9	1.3	4.6	3.1	1.5	5.4
\$3.20 and under \$3.30 -----	3.1	6.5	.7	1.4	1.3	1.3	1.2	3.8	1.8	1.4	2.0
\$3.30 and under \$3.40 -----	2.5	4.4	1.2	.5	2.1	1.4	.9	3.1	1.7	1.3	8.3
\$3.40 and under \$3.50 -----	1.2	2.4	.3	1.0	1.6	.6	.4	2.2	1.1	.4	1.3
\$3.50 and under \$3.60 -----	1.1	2.2	.3	.4	1.2	.4	.3	2.3	1.3	.2	.6
\$3.60 and under \$3.70 -----	1.3	2.5	.4	.7	1.8	.4	.9	1.0	.7	.7	3.4
\$3.70 and over -----	2.7	6.0	.4	.3	3.7	.4	.7	4.8	5.5	.8	2.7
Total -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of workers -----	115,187	47,196	67,991	6,311	9,009	7,874	14,767	29,407	7,659	3,591	10,690
Men -----	xxx	xxx	xxx	1,409	4,168	2,196	5,500	12,805	2,655	1,253	4,276
Women -----	xxx	xxx	xxx	4,902	4,841	5,678	9,267	16,602	5,004	2,338	6,414
Average hourly earnings <sup>1</sup> -----	\$2.42	\$2.80	\$2.16	\$2.21	\$2.34	\$2.21	\$2.03	\$2.54	\$2.30	\$2.24	\$2.76
Men -----	xxx	xxx	xxx	2.55	2.75	2.46	2.37	2.95	2.85	2.67	3.05
Women -----	xxx	xxx	xxx	2.12	1.98	2.11	1.82	2.23	2.00	2.02	2.58

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for the Middle Atlantic region in addition to regions shown separately.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 13. Earnings Distribution: Electric Systems—Nonsupervisory Office Workers

(Percent distribution of workers in electric systems by average straight-time hourly earnings, <sup>1</sup> United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	New England	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
Under \$ 1.30 -----	2.5	3.1	1.5	10.6	0.5	1.3	6.5	-
\$ 1.30 and under \$ 1.40 -----	2.4	3.8	2.8	6.8	.7	1.5	3.7	0.1
\$ 1.40 and under \$ 1.50 -----	3.5	2.5	4.5	8.3	2.9	1.1	3.2	.1
\$ 1.50 and under \$ 1.60 -----	3.0	4.0	5.1	6.8	1.6	.5	2.6	.6
\$ 1.60 and under \$ 1.70 -----	4.2	3.9	5.0	8.2	3.0	4.0	5.1	.8
\$ 1.70 and under \$ 1.80 -----	4.1	5.3	4.3	6.8	3.2	2.3	4.4	1.2
\$ 1.80 and under \$ 1.90 -----	5.1	5.6	4.7	8.5	3.9	2.3	6.7	2.0
\$ 1.90 and under \$ 2.00 -----	5.0	9.6	6.1	6.1	3.2	6.2	8.4	1.8
\$ 2.00 and under \$ 2.10 -----	5.7	11.6	5.0	8.6	3.9	3.2	8.9	2.8
\$ 2.10 and under \$ 2.20 -----	5.2	5.8	5.0	4.7	4.0	5.1	5.2	8.2
\$ 2.20 and under \$ 2.30 -----	6.0	7.7	5.0	2.6	5.8	3.7	6.5	5.7
\$ 2.30 and under \$ 2.40 -----	5.2	5.2	5.8	4.4	4.4	3.6	11.8	4.3
\$ 2.40 and under \$ 2.50 -----	5.6	8.8	7.2	4.1	3.6	4.7	3.4	8.4
\$ 2.50 and under \$ 2.60 -----	5.2	4.8	3.7	2.1	6.0	4.7	7.8	11.8
\$ 2.60 and under \$ 2.70 -----	4.2	2.8	4.9	2.7	5.3	3.3	3.5	3.5
\$ 2.70 and under \$ 2.80 -----	4.8	5.1	3.4	1.9	6.0	4.3	1.7	11.1
\$ 2.80 and under \$ 2.90 -----	3.4	.8	6.9	1.8	2.8	2.4	2.1	4.3
\$ 2.90 and under \$ 3.00 -----	4.3	1.8	6.4	1.2	4.5	5.2	2.5	9.8
\$ 3.00 and under \$ 3.10 -----	3.3	2.3	3.4	.8	4.9	4.5	3.7	2.8
\$ 3.10 and under \$ 3.20 -----	4.0	.8	3.7	1.2	6.1	4.9	.6	8.7
\$ 3.20 and under \$ 3.30 -----	3.0	1.6	1.6	.2	6.0	2.0	.1	1.6
\$ 3.30 and under \$ 3.40 -----	2.6	.4	1.9	.4	4.2	2.9	.9	3.9
\$ 3.40 and under \$ 3.50 -----	1.3	1.4	.7	.3	2.0	2.1	-	1.2
\$ 3.50 and under \$ 3.60 -----	1.5	.2	.5	.2	2.9	3.0	-	1.1
\$ 3.60 and under \$ 3.70 -----	1.0	.8	.5	.6	1.0	2.2	.5	.6
\$ 3.70 and over -----	4.0	.2	.5	.2	7.6	18.9	.2	3.3
Total -----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of workers -----	40,356	3,630	5,575	5,702	12,251	2,109	846	3,335
Men -----	15,546	803	1,748	1,804	5,925	833	277	1,593
Women -----	24,810	2,827	3,827	3,898	6,326	1,276	569	1,742
Average hourly earnings <sup>1</sup> -----	\$ 2.42	\$ 2.17	\$ 2.31	\$ 1.91	\$ 2.67	\$ 2.82	\$ 2.13	\$ 2.68
Men -----	2.85	2.50	2.52	2.30	3.06	3.42	2.47	3.06
Women -----	2.15	2.08	2.22	1.72	2.30	2.43	1.97	2.34

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Includes data for regions in addition to those shown separately.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 14. Earnings Distribution: Gas Transmission Systems—Nonsupervisory Office Workers

(Percent distribution of workers in gas transmission systems by average straight-time hourly earnings,<sup>1</sup> United States and the Southwest region, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	Southwest	Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	Southwest
Under \$1.30	3.5	2.0	\$3.00 and under \$3.10	3.1	2.8
\$1.30 and under \$1.40	2.0	1.0	\$3.10 and under \$3.20	2.4	2.2
\$1.40 and under \$1.50	3.2	3.4	\$3.20 and under \$3.30	1.7	1.6
\$1.50 and under \$1.60	4.1	3.9	\$3.30 and under \$3.40	1.9	2.0
\$1.60 and under \$1.70	5.7	5.7	\$3.40 and under \$3.50	.9	.5
\$1.70 and under \$1.80	5.4	5.2	\$3.50 and under \$3.60	.5	.3
\$1.80 and under \$1.90	6.6	6.8	\$3.60 and under \$3.70	.4	( <sup>3</sup> )
\$1.90 and under \$2.00	5.9	6.6	\$3.70 and over	1.4	.7
\$2.00 and under \$2.10	7.1	8.7			
\$2.10 and under \$2.20	5.9	6.1	Total	100.0	100.0
\$2.20 and under \$2.30	4.5	4.6			
\$2.30 and under \$2.40	5.6	6.1	Number of workers	7,164	4,412
\$2.40 and under \$2.50	4.4	4.6	Men	3,171	1,974
\$2.50 and under \$2.60	6.0	7.1	Women	3,993	2,438
\$2.60 and under \$2.70	3.3	3.1			
\$2.70 and under \$2.80	5.4	5.7	Average hourly earnings <sup>1</sup>	\$2.27	\$2.27
\$2.80 and under \$2.90	6.7	7.6	Men	2.58	2.53
\$2.90 and under \$3.00	2.3	1.8	Women	2.03	2.06

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for regions in addition to the Southwest.<sup>3</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 15. Earnings Distribution: Other Gas Systems—Nonsupervisory Office Workers

(Percent distribution of workers in gas systems (except transmission) by average straight-time hourly earnings,<sup>1</sup> United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	New England	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
Under \$1.30	4.8	1.2	-	<sup>3</sup> 11.5	<sup>4</sup> 17.6	1.2	1.9	1.7	-
\$1.30 and under \$1.40	2.8	1.8	0.8	6.3	10.0	.9	1.1	4.7	-
\$1.40 and under \$1.50	3.2	3.3	1.3	5.8	9.0	1.4	2.5	5.6	0.1
\$1.50 and under \$1.60	3.8	5.3	1.6	6.9	8.2	3.0	1.6	6.2	.8
\$1.60 and under \$1.70	3.7	4.5	2.2	6.8	7.1	2.8	3.9	5.6	.6
\$1.70 and under \$1.80	4.9	7.1	.5	8.6	7.5	6.5	5.1	7.6	.9
\$1.80 and under \$1.90	4.8	5.7	3.3	6.9	7.0	5.0	4.6	11.6	.7
\$1.90 and under \$2.00	5.1	6.7	8.0	7.0	4.6	4.8	7.6	7.5	.8
\$2.00 and under \$2.10	5.5	14.5	6.3	5.8	4.2	5.7	6.5	9.1	.2
\$2.10 and under \$2.20	5.9	8.4	8.8	5.7	4.0	5.9	10.0	4.3	3.4
\$2.20 and under \$2.30	5.1	7.6	5.3	3.4	3.6	6.0	6.6	3.9	2.8
\$2.30 and under \$2.40	5.4	6.7	6.6	7.2	3.0	7.4	5.2	3.7	4.7
\$2.40 and under \$2.50	5.1	5.3	7.0	9.3	2.4	6.9	4.0	2.1	3.1
\$2.50 and under \$2.60	4.6	6.3	6.5	1.6	3.4	4.6	4.7	4.1	6.1
\$2.60 and under \$2.70	5.3	3.0	9.1	1.9	2.2	3.3	4.1	-	11.4
\$2.70 and under \$2.80	4.2	5.8	6.7	2.2	1.4	4.4	4.1	8.6	5.5
\$2.80 and under \$2.90	8.4	3.2	4.5	1.0	1.9	3.0	4.1	2.4	36.2
\$2.90 and under \$3.00	3.0	1.3	6.8	.4	.9	3.7	4.6	.6	1.9
\$3.00 and under \$3.10	2.9	1.6	2.0	.6	.4	3.0	3.8	3.0	1.9
\$3.10 and under \$3.20	3.4	.5	6.1	.6	.4	4.2	4.3	1.1	8.0
\$3.20 and under \$3.30	2.1	.2	1.8	.4	.5	2.7	3.5	-	3.3
\$3.30 and under \$3.40	1.7	-	1.2	-	.2	2.3	2.1	1.7	5.0
\$3.40 and under \$3.50	1.2	-	2.3	.1	.1	2.7	1.2	1.3	.7
\$3.50 and under \$3.60	1.2	-	.6	-	.1	3.2	1.3	.2	.6
\$3.60 and under \$3.70	.5	-	.1	-	.1	1.0	.9	2.6	.4
\$3.70 and over	1.5	-	.4	-	-	4.6	.7	.9	1.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of workers	24,171	1,291	1,423	1,628	3,219	6,333	2,107	536	2,687
Men	9,269	265	725	312	1,192	2,692	886	156	824
Women	14,902	1,026	698	1,316	2,027	3,641	1,221	380	1,863
Average hourly earnings <sup>1</sup>	\$2.32	\$2.14	\$2.47	\$1.90	\$1.78	\$2.49	\$2.38	\$2.14	\$2.78
Men	2.68	2.47	2.70	2.15	1.99	2.93	2.77	2.73	2.97
Women	2.10	2.05	2.24	1.85	1.66	2.16	2.10	1.89	2.70

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Includes data for the Middle Atlantic region in addition to regions shown separately.

<sup>3</sup> Workers were distributed as follows: 3.7 percent at \$1.15 to \$1.20; 3.6 percent at \$1.20 to \$1.25; and 4.2 percent at \$1.25 to \$1.30.

<sup>4</sup> Workers were distributed as follows: 6.9 percent at \$1.15 to \$1.20; 4.5 percent at \$1.20 to \$1.25; and 6.2 percent at \$1.25 to \$1.30.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 16. Earnings Distribution: Combination Systems—Nonsupervisory Office Workers

(Percent distribution of workers in combination systems (electric and gas) by average straight-time hourly earnings,<sup>1</sup> United States and selected regions, July 1962)

Average hourly earnings <sup>1</sup>	United States <sup>2</sup>	New England	Border States	Southwest	Great Lakes	Middle West	Mountain	Pacific
Under \$ 1.30 .....	1.3	1.4	3.5	3.9	0.2	9.8	1.1	0.4
\$ 1.30 and under \$ 1.40 .....	1.3	1.7	3.1	1.8	.7	8.5	2.0	.7
\$ 1.40 and under \$ 1.50 .....	2.1	2.1	4.3	2.5	1.7	6.6	2.4	1.1
\$ 1.50 and under \$ 1.60 .....	2.9	2.6	8.7	4.3	2.0	9.9	3.7	.8
\$ 1.60 and under \$ 1.70 .....	3.5	4.0	6.0	2.9	4.0	10.4	3.8	1.1
\$ 1.70 and under \$ 1.80 .....	4.0	2.6	5.9	7.7	3.7	6.7	7.1	1.5
\$ 1.80 and under \$ 1.90 .....	3.8	6.2	4.8	11.3	3.9	7.5	7.1	2.6
\$ 1.90 and under \$ 2.00 .....	4.5	4.8	4.3	3.4	4.7	5.4	7.3	2.0
\$ 2.00 and under \$ 2.10 .....	4.9	7.8	3.9	7.6	5.4	4.4	8.2	6.3
\$ 2.10 and under \$ 2.20 .....	5.1	4.8	4.9	12.4	5.6	4.8	7.9	2.6
\$ 2.20 and under \$ 2.30 .....	5.0	6.5	3.7	2.4	10.4	3.7	4.9	2.9
\$ 2.30 and under \$ 2.40 .....	4.6	6.5	2.9	2.6	7.8	3.3	6.5	2.6
\$ 2.40 and under \$ 2.50 .....	6.2	5.4	3.9	2.9	7.4	3.4	6.4	2.4
\$ 2.50 and under \$ 2.60 .....	4.4	6.9	3.0	2.9	5.4	3.7	4.6	4.6
\$ 2.60 and under \$ 2.70 .....	4.6	5.6	6.2	3.8	5.9	2.6	2.7	2.4
\$ 2.70 and under \$ 2.80 .....	5.7	6.3	3.7	4.9	5.8	2.2	5.6	13.5
\$ 2.80 and under \$ 2.90 .....	5.5	7.6	3.9	2.6	3.8	1.9	2.1	2.0
\$ 2.90 and under \$ 3.00 .....	6.7	3.5	2.3	2.4	2.6	1.6	4.6	2.8
\$ 3.00 and under \$ 3.10 .....	7.3	3.8	3.6	2.3	5.7	1.1	4.5	19.3
\$ 3.10 and under \$ 3.20 .....	3.3	2.3	1.8	1.0	3.4	1.0	1.8	1.4
\$ 3.20 and under \$ 3.30 .....	3.9	2.3	1.3	5.4	1.9	.4	2.9	1.6
\$ 3.30 and under \$ 3.40 .....	2.9	1.2	2.0	.9	2.3	.5	1.4	13.5
\$ 3.40 and under \$ 3.50 .....	1.1	.9	1.9	1.5	2.1	.3	.4	1.6
\$ 3.50 and under \$ 3.60 .....	.8	1.4	1.8	1.6	1.0	.1	.1	.2
\$ 3.60 and under \$ 3.70 .....	2.1	1.2	1.3	1.0	.8	.2	.2	7.2
\$ 3.70 and over .....	2.3	.8	7.3	3.8	1.6	.2	.7	2.9
<b>Total .....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Number of workers .....	43,496	1,328	4,258	1,434	10,027	2,778	1,637	4,564
Men .....	19,210	327	2,124	530	3,867	690	535	1,829
Women .....	24,286	1,001	2,134	904	6,160	2,088	1,102	2,735
Average hourly earnings <sup>1</sup> .....	\$2.51	\$2.40	\$2.36	\$2.31	\$2.45	\$1.89	\$2.28	\$2.81
Men .....	2.86	2.73	2.82	2.81	2.81	2.42	2.69	3.06
Women .....	2.23	2.29	1.89	2.01	2.22	1.72	2.07	2.64

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for regions in addition to those shown separately.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 17. Occupational Earnings: All Systems—Physical Workers—United States and Regions

(Number and average straight-time hourly earnings<sup>1</sup> of men in selected occupations in electric and gas systems, United States and regions, July 1962)

Occupation	United States		New England		Middle Atlantic		Border States		Southeast		Southwest		Great Lakes		Middle West		Mountain		Pacific	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
<b>Electricity</b>																				
Auxiliary-equipment operators, electric	4,472	\$2.78	247	\$2.81	999	\$2.87	303	\$2.67	705	\$2.55	432	\$2.48	1,229	\$2.94	305	\$2.79	122	\$2.75	130	\$3.13
Boiler operators	3,265	3.10	346	3.16	618	3.24	384	2.91	219	3.15	261	2.79	918	3.23	356	2.98	75	2.63	88	3.09
Control-room operators	1,934	3.49	123	3.48	347	3.78	61	3.52	335	3.28	192	2.98	467	3.55	142	3.54	60	3.38	207	3.69
Control-room operator assistants	1,124	3.16	-	-	79	3.49	53	2.81	151	2.90	84	2.85	423	3.23	87	3.14	-	-	138	3.42
District representatives	2,106	3.11	-	-	102	3.62	111	3.22	659	3.07	137	2.84	361	3.17	297	2.94	127	3.39	-	-
Groundmen	6,490	2.28	284	2.38	916	2.37	597	2.12	1,117	2.04	1,105	2.01	839	2.47	381	2.44	321	2.28	930	2.65
Linemen, journeymen	20,087	3.33	1,629	3.12	3,999	3.54	1,139	3.09	2,110	3.17	1,839	3.03	4,769	3.43	1,648	3.16	728	3.27	2,226	3.55
Load dispatchers	1,109	4.00	89	4.17	259	4.21	66	4.37	135	3.66	101	3.65	231	4.11	101	3.47	55	3.76	72	4.40
Metermen, class A	2,730	3.25	242	3.01	756	3.46	158	3.04	231	3.19	336	3.03	540	3.29	212	3.10	78	3.18	177	3.50
Metermen, class B	1,987	2.88	278	2.68	569	2.91	81	2.65	101	2.77	95	2.52	668	2.98	49	2.69	57	2.85	89	3.33
Patrolmen	444	2.96	35	2.72	88	3.06	-	-	31	3.06	115	2.85	60	3.08	19	2.91	14	2.67	28	3.28
Servicemen, electrical appliances	2,468	2.97	389	2.82	-	-	-	-	318	3.12	97	2.61	858	3.07	222	2.73	47	2.96	26	3.27
Substation operators	2,722	3.24	331	3.02	613	3.42	166	3.23	189	2.69	124	2.58	865	3.36	104	3.34	43	2.91	-	-
Switchboard operators, class A	2,031	3.25	262	2.93	293	3.52	137	3.18	257	3.06	133	2.98	464	3.38	85	3.53	187	2.94	213	3.54
Switchboard operators, class B	689	2.94	144	2.94	70	3.18	14	2.97	47	2.52	37	2.33	179	3.07	62	3.25	79	2.52	57	3.28
Troublemakers	5,218	3.34	248	3.50	858	3.65	618	3.02	354	3.23	1,019	2.96	1,037	3.52	345	3.35	170	3.20	569	3.59
Truckdriver-groundmen	4,958	2.65	321	2.62	1,204	2.79	312	2.41	651	2.41	328	2.38	1,302	2.70	407	2.58	-	-	422	2.94
Turbine operators	1,909	3.15	176	3.03	252	3.29	120	2.86	189	3.04	188	3.12	516	3.31	297	3.02	-	-	127	3.22
Watch engineers	1,989	3.96	161	4.36	339	4.40	247	3.83	247	3.86	355	3.37	297	4.37	144	3.45	117	3.66	82	4.54
<b>Gas</b>																				
Auxiliary-equipment operators, gas production	169	2.83	53	2.73	58	2.98	-	-	-	-	-	-	28	2.87	14	2.76	-	-	-	-
Auxiliary-equipment operators, gas transmission	636	2.82	-	-	-	-	-	-	-	-	-	-	193	2.95	256	2.72	-	-	-	-
Boiler operators	314	2.84	52	2.63	122	3.04	40	2.75	-	-	-	-	33	2.94	29	2.77	-	-	-	-
Compressor operators	3,609	2.90	-	-	564	2.83	386	2.76	-	-	1,081	2.85	443	3.05	394	2.87	-	-	161	3.48
Corrosion technicians	161	2.87	-	-	24	3.12	19	2.72	-	-	38	2.50	11	3.11	30	3.25	-	-	-	-
Drip pumps	92	2.64	15	2.50	43	2.72	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas dispatchers	468	2.98	33	3.06	69	3.10	54	3.14	29	2.57	134	2.82	36	3.22	47	2.82	43	2.84	-	-
Gas-main fitters	7,780	2.80	282	2.68	2,321	2.77	355	2.57	177	2.45	345	2.10	2,997	2.93	729	2.71	167	2.95	407	3.13
Gas-main fitters' helpers	4,365	2.42	170	2.53	1,200	2.45	294	2.23	165	1.75	400	1.76	923	2.65	339	2.49	-	-	771	2.62
Gasmakers	258	3.00	56	2.79	124	3.06	-	-	-	-	-	-	48	3.15	-	-	-	-	-	-
Inspectors	403	2.95	-	-	95	3.00	-	-	-	-	-	-	190	2.97	-	-	-	-	27	3.04
Installers, gasmeter	3,583	2.80	98	2.61	442	2.87	293	2.58	-	-	498	2.36	892	2.83	173	2.73	140	2.95	875	3.13
Laborers, gas plant	229	2.22	36	2.28	131	2.34	12	1.90	-	-	-	-	-	-	-	-	-	-	-	-
Laborers, main installation and service	6,464	2.02	167	2.32	1,315	2.15	574	2.00	748	1.43	1,271	1.51	1,185	2.46	408	2.10	224	2.13	572	2.51
Leak locators, gas	307	2.75	-	-	92	2.85	-	-	-	-	-	-	102	2.84	-	-	40	2.59	-	-
Meter repairmen, gas transmission	682	2.90	-	-	44	2.87	61	2.88	-	-	241	2.68	42	3.12	125	3.14	-	-	60	3.27
Oilers	3,384	2.59	-	-	-	-	450	2.42	-	-	572	2.51	649	2.79	804	2.56	-	-	128	2.86
Pipeline leadmen	499	2.99	-	-	-	-	-	-	-	-	117	2.56	-	-	-	-	-	-	132	3.27
Pipeline repairmen	2,474	2.50	-	-	-	-	201	2.40	-	-	813	2.30	584	2.77	407	2.58	-	-	-	-
Radio technicians	160	3.11	-	-	15	3.42	14	3.12	-	-	36	2.90	25	3.20	27	3.18	-	-	-	-
Repairmen, gasmeter	2,021	2.82	69	2.72	597	2.92	115	2.61	118	2.61	196	2.29	500	2.97	189	2.75	75	2.79	162	3.11
Repairmen helpers, gasmeter	486	2.42	9	2.29	154	2.57	-	-	28	1.87	56	1.90	80	2.70	18	2.13	11	2.21	-	-
Roustabouts	1,979	2.24	-	-	-	-	-	-	-	-	930	2.19	237	2.47	-	-	-	-	-	-
Servicemen, gas appliances	11,254	2.94	847	2.85	2,699	2.95	553	3.08	750	2.60	749	2.34	3,607	3.12	781	2.76	288	2.77	980	3.15
Servicemen, regulator	745	3.03	12	2.73	242	2.90	23	2.68	17	2.70	31	2.50	237	3.15	-	-	-	-	103	3.32
Welders	1,095	3.09	-	-	225	3.21	93	3.01	-	-	227	2.77	205	3.30	140	3.05	-	-	114	3.07

See footnote at end of table.

Table 17. Occupational Earnings: All Systems—Physical Workers—United States and Regions—Continued

(Number and average straight-time hourly earnings<sup>1</sup> of men in selected occupations in electric and gas systems, United States and regions, July 1962)

Occupation	United States		New England		Middle Atlantic		Border States		Southeast		Southwest		Great Lakes		Middle West		Mountain		Pacific	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
<u>Miscellaneous</u> <sup>2</sup>																				
Electricians, maintenance -----	4,573	\$3.35	466	\$3.16	665	\$3.45	180	\$3.13	485	\$3.14	439	\$3.11	1,376	\$3.49	316	\$3.39	194	\$3.27	452	\$3.55
Guards -----	710	2.35	64	2.51	165	2.54	-	-	35	1.86	59	1.52	212	2.52	-	-	-	-	-	-
Janitors, porters, or cleaners -----	5,507	2.05	388	2.26	1,230	2.25	423	1.86	476	1.56	835	1.48	1,366	2.31	366	2.06	129	2.03	294	2.32
Machinists, maintenance -----	1,252	3.37	54	3.17	234	3.53	103	3.11	43	3.31	124	3.03	285	3.46	-	-	59	3.16	190	3.49
Mechanics, automotive (maintenance) -----	2,912	3.07	197	2.93	661	3.24	240	2.92	223	2.92	236	2.70	865	3.11	148	3.06	94	3.06	248	3.29
Mechanics, maintenance -----	4,217	3.18	302	3.09	480	3.45	343	2.98	451	3.15	686	2.86	1,425	3.35	303	3.02	151	3.06	76	3.59
Meter readers -----	12,199	2.52	872	2.44	2,826	2.56	813	2.42	1,013	2.38	1,038	1.94	3,206	2.67	740	2.55	419	2.36	1,272	2.75
Pipefitters, maintenance -----	584	3.35	12	2.89	-	-	72	2.85	-	-	21	2.46	189	3.50	-	-	21	3.29	-	-
Stock clerks -----	4,225	2.66	341	2.60	856	2.75	197	2.51	235	2.60	482	2.30	1,371	2.75	237	2.55	123	2.48	383	2.86
Truckdrivers <sup>3</sup> -----	4,703	2.66	80	2.68	1,106	2.81	337	2.39	186	2.33	1,029	2.42	852	2.78	340	2.75	460	2.68	313	2.88
Light (under 1½ tons) -----	361	2.50	-	-	36	2.53	-	-	-	-	94	2.33	36	2.54	-	-	19	2.42	85	2.86
Medium (1½ to and including 4 tons) -----	2,097	2.58	55	2.64	173	2.66	36	2.28	70	2.28	652	2.36	505	2.76	141	2.69	372	2.66	93	2.92
Heavy (over 4 tons) -----	941	2.74	-	-	150	2.81	-	-	70	2.54	147	2.42	191	2.87	134	2.89	54	2.92	130	2.86

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.  
<sup>2</sup> The term "miscellaneous" as used in this and following tables refers to occupations common to all types of systems.  
<sup>3</sup> Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 18. Occupational Earnings: All Systems—Physical Workers—New England

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																							
			Under \$1.60	\$1.60 and under \$1.70	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.70	\$2.90	\$3.10	\$3.30	\$3.50	\$3.70	\$3.90	\$4.10	\$4.30	\$4.50	\$4.70	\$4.90 and over	
<b>Men<sup>2</sup></b>																										
<b>Electricity</b>																										
Auxiliary-equipment operators, electric	247	\$2.81	-	-	-	-	-	-	31	-	1	19	106	70	20	-	-	-	-	-	-	-	-	-	-	-
Boiler operators	346	3.16	-	-	-	-	-	-	-	9	8	15	24	57	147	48	38	-	-	-	-	-	-	-	-	-
Control-room operators	123	3.48	-	-	-	-	-	-	-	-	-	4	34	7	-	15	15	17	18	-	-	-	-	13	-	-
Groundmen	284	2.38	1	-	1	-	30	7	31	4	14	105	56	35	-	-	-	-	-	-	-	-	-	-	-	-
Linemen, journeymen	1,629	3.12	-	-	-	-	-	-	-	-	-	-	228	327	8	201	803	62	-	-	-	-	-	-	-	-
Load dispatchers	89	4.17	-	-	-	-	-	-	-	-	-	-	2	-	10	5	9	8	3	1	5	5	7	12	3	22
Metermen, class A	242	3.01	-	-	-	-	-	-	-	-	-	4	56	2	94	61	19	6	-	-	-	-	-	-	-	-
Metermen, class B	278	2.68	-	-	-	-	-	-	-	32	12	26	48	120	39	1	-	-	-	-	-	-	-	-	-	-
Patrolmen	35	2.72	-	-	-	-	1	3	-	1	-	18	1	1	10	1	-	-	-	-	-	-	-	-	-	-
Servicemen, electrical appliances	389	2.82	-	-	-	-	-	-	10	8	-	140	38	151	25	15	2	-	-	-	-	-	-	-	-	-
Substation operators	331	3.02	-	-	-	-	-	-	-	13	29	-	46	98	44	101	-	-	-	-	-	-	-	-	-	-
Switchboard operators, class A	262	2.93	-	-	-	-	-	6	-	18	-	-	27	19	46	28	26	-	-	-	-	-	-	-	-	-
Switchboard operators, class B	144	2.94	-	-	-	-	10	-	12	-	12	-	19	38	31	9	13	-	-	-	-	-	-	-	-	-
Troublemakers	248	3.50	-	-	-	-	-	-	-	-	-	-	16	3	6	106	54	63	-	-	-	-	-	-	-	-
Truckdriver-groundmen	321	2.62	-	-	-	-	10	34	-	34	2	133	54	54	-	-	-	-	-	-	-	-	-	-	-	-
Turbine operators	176	3.03	-	-	-	-	-	-	8	2	28	4	4	39	63	5	8	15	-	-	-	-	-	-	-	-
Watch engineers	161	4.36	-	-	-	-	-	-	-	-	-	-	-	10	8	6	11	6	14	3	5	6	20	18	4	54
<b>Gas</b>																										
<b>Auxiliary-equipment operators,</b>																										
gas production	53	2.73	-	-	-	-	-	-	6	2	-	10	26	8	1	-	-	-	-	-	-	-	-	-	-	-
Boiler operators	52	2.63	-	-	-	-	-	-	4	12	-	17	11	-	8	-	-	-	-	-	-	-	-	-	-	-
Drip pumps	15	2.50	-	-	-	-	-	-	4	-	4	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gas dispatchers	33	3.06	-	-	-	-	-	-	-	-	-	8	1	-	18	6	-	-	-	-	-	-	-	-	-	-
Gas-main fitters	282	2.68	-	-	-	-	-	-	30	2	8	141	54	41	6	-	-	-	-	-	-	-	-	-	-	-
Gas-main fitters' helpers	170	2.53	-	-	-	-	3	8	5	9	24	72	46	3	-	-	-	-	-	-	-	-	-	-	-	-
Gasmakers	56	2.79	-	-	-	-	-	-	8	6	3	27	3	5	4	-	-	-	-	-	-	-	-	-	-	-
Installers, gasmeter	98	2.67	-	-	-	-	-	-	6	13	40	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laborers, gas plant	36	2.28	-	-	-	-	8	9	6	-	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laborers, main installation and service	167	2.32	-	-	-	9	8	43	29	21	16	29	12	-	-	-	-	-	-	-	-	-	-	-	-	-
Repairmen, gasmeter	69	2.72	-	-	-	-	-	2	2	-	32	23	8	2	-	-	-	-	-	-	-	-	-	-	-	-
Repairmen helpers, gasmeter	9	2.29	-	-	-	-	2	1	-	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Servicemen, gas appliances	847	2.85	-	-	-	-	-	-	20	4	37	144	293	291	40	18	-	-	-	-	-	-	-	-	-	-
Servicemen, regulator	12	2.73	-	-	-	-	-	-	-	-	2	2	6	2	-	-	-	-	-	-	-	-	-	-	-	-
<b>Miscellaneous</b>																										
Electricians, maintenance	466	3.16	-	-	-	-	-	-	-	-	5	42	43	62	181	102	26	5	-	-	-	-	-	-	-	-
Guards	64	2.51	-	-	-	-	-	-	15	-	3	43	2	1	-	-	-	-	-	-	-	-	-	-	-	-
Janitors, porters, or cleaners	388	2.26	8	12	4	26	14	18	16	92	95	26	75	2	-	-	-	-	-	-	-	-	-	-	-	-
Machinists, maintenance	54	3.17	-	-	-	-	-	-	-	2	2	2	7	4	4	32	1	-	-	-	-	-	-	-	-	-
Mechanics, automotive (maintenance)	197	2.93	-	-	-	-	-	-	2	2	4	26	48	48	59	8	-	-	-	-	-	-	-	-	-	-
Mechanics, maintenance	302	3.09	-	-	-	-	-	-	-	-	26	34	19	41	95	76	9	2	-	-	-	-	-	-	-	-
Meter readers	872	2.44	-	5	3	2	40	88	57	90	60	156	183	110	78	-	-	-	-	-	-	-	-	-	-	-
Pipefitters, maintenance	12	2.89	-	-	-	-	-	-	-	-	2	3	2	3	-	-	2	-	-	-	-	-	-	-	-	-
Stock clerks	341	2.60	-	-	-	-	16	10	31	12	87	51	52	82	-	-	-	-	-	-	-	-	-	-	-	-
Truckdrivers <sup>5</sup>	80	2.68	-	-	-	-	-	1	5	2	7	26	18	21	-	-	-	-	-	-	-	-	-	-	-	-
Medium (1½ to and including 4 tons)	55	2.64	-	-	-	-	-	-	5	-	3	24	16	7	-	-	-	-	-	-	-	-	-	-	-	-
<b>Women<sup>2</sup></b>																										
<b>Miscellaneous</b>																										
Janitors, porters, or cleaners	52	1.87	6	12	4	-	26	5	-	3	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> All workers were paid on a time basis except 46 meter readers. The 46 incentive-paid meter readers averaged \$2.55 an hour compared with \$2.44 for those paid on a time basis.

<sup>3</sup> Workers were distributed as follows: 9 at \$4.90 to \$5.10; and 13 at \$5.10 to \$5.30.

<sup>4</sup> Workers were distributed as follows: 21 at \$4.90 to \$5.10; 25 at \$5.10 to \$5.30; and 8 at \$5.30 to \$5.50.

<sup>5</sup> Includes all drivers regardless of size and type of truck operated.

<sup>6</sup> Workers were distributed as follows: 1 at \$1.20 to \$1.30; 3 at \$1.30 to \$1.40; 4 at \$1.40 to \$1.50; and 4 at \$1.50 to \$1.60.



Table 19. Occupational Earnings: All Systems—Physical Workers—Middle Atlantic

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																										
			Under \$1.60	\$1.60 and under \$1.70	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.60	\$3.80	\$4.00	\$4.20	\$4.40 and over		
<b>Men<sup>2</sup></b>																													
<b>Electricity</b>																													
Auxiliary-equipment operators, electric .....	999	\$2.87	-	-	-	-	-	-	10	-	12	24	29	64	89	445	175	66	38	5	4	30	8	-	-	-	-	-	-
Boiler operators .....	618	3.24	-	-	-	-	-	-	-	-	2	-	2	15	33	42	55	135	82	92	103	57	-	-	-	-	-	-	-
Control-room operators .....	347	3.78	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	5	-	9	57	88	187	-	-	-	-	
Control-room operator assistants .....	79	3.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	26	17	30	-	-	-	-	-	
District representatives .....	102	3.62	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	2	16	4	60	-	-	-	-	
Groundmen .....	916	2.37	-	-	-	53	69	19	18	398	148	19	192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Linemen, journeymen .....	3,999	3.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	15	88	447	1797	1619	-	-	-	-	-	
Load dispatchers .....	259	4.21	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	-	-	-	59	1	42	38	20	94	-	
Metermen, class A .....	756	3.46	-	-	-	-	-	-	-	-	-	-	22	30	138	36	62	100	144	21	-	-	-	-	-	-	-	-	
Metermen, class B .....	569	2.91	-	-	4	7	1	-	-	1	3	22	30	138	36	62	100	144	21	-	-	-	-	-	-	-	-	-	
Patrolmen .....	88	3.06	-	-	-	-	-	-	-	1	12	2	-	10	16	3	3	1	2	6	26	6	-	-	-	-	-	-	
Substation operators .....	613	3.42	-	-	-	-	-	-	-	-	-	-	-	7	36	20	34	16	34	66	164	228	8	-	-	-	-	-	
Switchboard operators, class A .....	293	3.52	-	-	-	-	-	-	-	-	-	-	-	1	-	-	5	4	19	55	100	71	38	-	-	-	-	-	
Switchboard operators, class B .....	70	3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-	5	38	-	-	-	-	-	-	-	-	
Troublemakers .....	858	3.65	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	6	50	98	552	129	18	-	-	-	-	-	
Truckdriver-groundmen .....	1,204	2.79	-	-	2	-	4	-	12	3	5	17	256	128	167	184	79	347	-	-	-	-	-	-	-	-	-	-	
Turbine operators .....	252	3.29	-	-	-	-	-	-	-	-	-	-	1	4	-	4	67	33	19	7	67	50	-	-	-	-	-	-	
Watch engineers .....	339	4.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	31	80	110	114	-	-	
<b>Gas</b>																													
Auxiliary-equipment operators, gas production .....	58	2.98	-	-	-	-	-	-	-	-	-	7	7	2	7	1	8	18	-	-	8	-	-	-	-	-	-	-	-
Boiler operators .....	122	3.04	-	-	-	-	-	-	5	5	-	9	10	9	2	8	33	10	-	-	17	14	-	-	-	-	-	-	
Compressor operators .....	564	2.83	-	-	-	-	-	7	4	3	17	51	105	117	44	149	12	8	9	8	19	11	-	-	-	-	-	-	
Corrosion technicians .....	24	3.12	-	-	-	-	-	-	-	-	-	-	-	1	15	-	1	-	-	-	1	-	6	-	-	-	-	-	
Drip pumps .....	43	2.72	-	-	-	-	-	-	-	3	9	8	3	-	11	-	9	-	-	-	-	-	-	-	-	-	-	-	
Gas dispatchers .....	69	3.10	-	2	-	2	-	-	-	-	2	6	8	13	-	-	-	3	4	8	-	6	3	8	-	4	-	-	
Gas-main fitters .....	2,321	2.77	-	-	6	19	87	8	14	91	346	137	165	428	52	298	410	106	-	143	11	-	-	-	-	-	-	-	
Gas-main fitters' helpers .....	1,200	2.45	-	3	31	84	51	41	61	103	92	257	456	5	16	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gasmakers .....	124	3.06	-	-	-	-	-	-	-	-	-	5	-	5	21	8	44	14	1	26	-	-	-	-	-	-	-	-	
Inspectors .....	95	3.00	-	-	-	-	4	-	-	4	1	-	2	18	-	15	17	34	-	-	-	-	-	-	-	-	-	-	
Installers, gasmeter .....	442	2.87	-	-	-	-	-	-	-	-	-	14	96	40	32	89	62	13	-	96	-	-	-	-	-	-	-	-	
Laborers, gas plant .....	131	2.34	7	6	6	1	4	10	7	6	10	12	19	30	12	1	-	-	-	-	-	-	-	-	-	-	-	-	
Laborers, main installation and service .....	1,315	2.15	14	50	98	67	85	123	304	161	255	148	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leak locators, gas .....	92	2.85	-	-	-	-	-	-	-	-	-	25	10	-	10	-	1	25	3	18	-	-	-	-	-	-	-	-	
Meter repairmen, gas transmission .....	44	2.87	-	-	-	-	-	-	-	-	-	-	-	2	16	7	-	19	-	-	-	-	-	-	-	-	-	-	
Radio technicians .....	15	3.42	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-	11	-	-	-	-	
Repairmen, gasmeter .....	597	2.92	-	-	10	11	-	2	9	29	6	32	22	145	7	65	102	36	22	12	87	-	-	-	-	-	-	-	
Repairmen helpers, gasmeter .....	154	2.57	-	-	-	4	9	12	9	4	27	22	4	4	51	8	-	-	-	-	-	-	-	-	-	-	-	-	
Servicemen, gas appliances .....	2,699	2.95	-	-	-	-	-	-	36	126	108	154	173	244	196	347	464	85	619	126	21	-	-	-	-	-	-	-	
Servicemen, regulator .....	242	2.90	-	-	-	-	-	-	-	5	4	9	7	73	31	13	87	-	5	-	4	-	-	-	4	-	-	-	
Welders .....	225	3.21	-	-	-	-	-	-	-	-	-	-	-	10	7	2	5	45	21	60	34	27	14	-	-	-	-	-	

Table 19. Occupational Earnings: All Systems—Physical Workers—Middle Atlantic—Continued

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																										
			Under \$1.60	\$1.60 and under \$1.70	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.60	\$3.80	\$4.00	\$4.20	\$4.40 and over		
<b>Men<sup>2</sup>—Continued</b>																													
<b>Miscellaneous</b>																													
Electricians, maintenance .....	665	\$3.45	-	-	-	-	-	-	-	-	-	-	-	-	6	5	13	2	17	11	26	169	235	181	-	-	-	-	-
Guards .....	165	2.54	-	-	-	-	-	7	7	33	3	51	50	-	2	5	6	1	-	-	-	-	-	-	-	-	-	-	-
Janitors, porters, or cleaners .....	1,230	2.25	9	-	13	33	40	130	186	363	179	167	48	57	2	-	-	-	2	-	1	-	-	-	-	-	-	-	
Machinists, maintenance .....	234	3.53	-	-	-	-	-	-	-	-	-	-	-	2	2	2	3	19	2	2	17	35	150	-	-	-	-	-	
Mechanics, automotive (maintenance) .....	661	3.24	-	-	-	-	-	-	2	-	-	6	11	10	2	61	19	47	87	40	159	217	-	-	-	-	-	-	
Mechanics, maintenance .....	480	3.45	-	-	-	-	-	-	-	-	-	-	-	2	4	1	9	22	10	46	93	142	151	-	-	-	-	-	
Meter readers .....	2,826	2.56	6	9	33	48	61	101	62	419	120	157	486	199	292	421	322	90	-	-	-	-	-	-	-	-	-	-	
Stock clerks .....	856	2.75	8	4	3	-	7	14	7	27	54	49	66	91	50	238	88	37	36	69	-	8	-	-	-	-	-	-	
Truckdrivers <sup>5</sup> .....	1,106	2.81	-	-	-	-	2	-	1	10	20	62	138	114	111	131	253	253	-	-	11	-	-	-	-	-	-	-	
Light (under 1½ tons) .....	36	2.53	-	-	-	-	-	-	1	-	9	10	3	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	
Medium (1½ to and including 4 tons) .....	173	2.66	-	-	-	-	-	-	-	6	1	-	52	49	17	35	13	-	-	-	-	-	-	-	-	-	-	-	
Heavy (over 4 tons) .....	150	2.81	-	-	-	-	-	-	-	-	-	-	34	16	32	29	4	24	-	-	11	-	-	-	-	-	-	-	
<b>Women<sup>2</sup></b>																													
<b>Miscellaneous</b>																													
Janitors, porters, or cleaners .....	262	1.85	4	73	22	30	109	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> All workers were paid on a time basis except 24 gasmeter repairmen and 316 meter readers.

<sup>3</sup> Workers were distributed as follows: 41 at \$4.40 to \$4.60; 3 at \$4.60 to \$4.80; 6 at \$4.80 to \$5; 39 at \$5 to \$5.20; and 5 at \$5.20 and over.

<sup>4</sup> Workers were distributed as follows: 36 at \$4.40 to \$4.60; 13 at \$4.60 to \$4.80; 16 at \$4.80 to \$5; 20 at \$5 to \$5.20; and 29 at \$5.20 to \$5.40.

<sup>5</sup> Includes all drivers regardless of size and type of truck operated.



Table 20. Occupational Earnings: All Systems—Physical Workers—Border States—Continued

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings	Number of workers receiving straight-time hourly earnings of—																											
			Under \$1.40	\$1.40 and under \$1.50	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.70	\$2.90	\$3.10	\$3.30	\$3.50	\$3.70	\$3.90	\$4.10	\$4.30	\$4.50	\$4.70	\$4.90 and over			
<b>Men—Continued</b>																														
<b>Miscellaneous</b>																														
Electricians, maintenance -----	180	\$3.13	-	-	-	-	-	-	-	-	-	-	-	1	9	37	8	92	14	19	-	-	-	-	-	-	-	-	-	
Janitors, porters, or cleaners -----	423	1.86	9	9	27	33	42	132	30	101	24	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Machinists, maintenance -----	103	3.11	-	-	-	-	-	-	-	-	-	-	-	1	8	6	31	34	19	4	-	-	-	-	-	-	-	-	-	
Mechanics, automotive (maintenance) -----	240	2.92	-	-	-	-	-	-	-	-	4	-	4	10	17	109	42	11	43	-	-	-	-	-	-	-	-	-	-	
Mechanics, maintenance -----	343	2.98	-	-	-	-	-	-	12	-	-	-	4	-	118	12	20	97	58	22	-	-	-	-	-	-	-	-	-	
Meter readers -----	813	2.42	-	-	-	-	7	9	25	27	39	90	34	246	335	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pipefitters, maintenance -----	72	2.85	-	-	-	-	-	-	-	-	-	1	6	16	1	5	6	37	-	-	-	-	-	-	-	-	-	-	-	
Stock clerks -----	197	2.51	-	-	-	4	-	-	-	12	4	7	15	49	67	25	14	-	-	-	-	-	-	-	-	-	-	-	-	
Truckdrivers <sup>3</sup> -----	337	2.39	-	-	-	-	-	9	42	2	10	24	75	98	57	11	9	-	-	-	-	-	-	-	-	-	-	-	-	
Medium (1½ to and including 4 tons) -----	36	2.28	-	-	-	-	-	-	21	-	2	-	-	-	2	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Women</b>																														
<b>Miscellaneous</b>																														
Janitors, porters, or cleaners -----	166	1.54	<sup>4</sup> 31	78	9	21	-	6	2	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. All or a majority of the workers were paid on a time basis.

<sup>2</sup> Workers were distributed as follows: 11 at \$4.90 to \$5; 1 at \$5 to \$5.10; and 14 at \$5.20 to \$5.30.

<sup>3</sup> Includes all drivers regardless of size and type of truck operated.

<sup>4</sup> Workers were distributed as follows: 2 at \$1.10 to \$1.20; 9 at \$1.20 to \$1.30; and 20 at \$1.30 to \$1.40.

Table 21. Occupational Earnings: All Systems—Physical Workers—Southeast

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																											
			\$1.10 and under	\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60 and over		
			\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60	over		
<b>Men</b>																														
<b>Electricity</b>																														
Auxiliary-equipment operators, electric	705	\$2.55	-	-	-	-	-	-	-	4	11	17	89	117	50	45	187	79	106	-	-	-	-	-	-	-	-	-	-	
Boiler operators	219	3.15	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	3	22	14	8	38	129	-	3	-	-	-		
Control-room operators	335	3.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	9	57	161	42	26	37	-	-			
Control-room operator assistants	151	2.90	-	-	-	-	-	-	-	-	-	-	-	-	-	6	35	38	27	43	-	2	-	-	-	-	-	-		
District representatives	659	3.07	-	-	-	-	-	-	2	-	-	2	14	20	6	52	43	2	6	49	154	245	64	-	-	-	-	-		
Groundmen	1,117	2.04	-	-	-	-	4	39	106	144	399	398	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Linemen, journeymen	2,110	3.17	-	-	-	-	-	-	-	-	-	1	-	50	12	14	7	79	13	56	554	1324	-	-	-	-	-			
Load dispatchers	135	3.66	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	2	5	33	5	10	277	-			
Metermen, class A	231	3.19	-	-	-	-	-	-	-	-	-	-	-	-	5	1	3	-	25	55	115	19	8	-	-	-				
Metermen, class B	101	2.77	-	-	-	-	-	-	5	-	-	-	7	-	3	15	30	23	1	2	-	15	-	-	-	-				
Patrolmen	31	3.06	-	-	-	-	-	-	-	-	-	-	-	5	-	-	1	-	-	-	12	13	-	-	-	-				
Servicemen, electrical appliances	318	3.12	-	-	-	-	-	-	-	-	5	2	7	3	21	2	-	-	2	94	182	-	-	-	-	-				
Substation operators	189	2.69	-	-	-	-	-	-	-	10	4	14	9	54	6	6	-	18	17	16	8	21	-	6	-	-				
Switchboard operators, class A	257	3.06	-	-	-	-	-	-	-	-	-	2	8	7	1	3	16	71	-	2	26	76	38	7	-	-				
Switchboard operators, class B	47	2.52	-	-	-	-	-	-	1	-	-	-	15	3	7	18	-	-	3	-	-	-	-	-	-	-				
Troublemakers	354	3.23	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	3	-	-	179	142	-	-	-	-				
Truckdriver-groundmen	651	2.41	-	-	-	-	15	20	-	15	23	54	157	65	298	4	-	-	-	-	-	-	-	-	-	-				
Turbine operators	189	3.04	-	-	-	-	-	-	-	-	-	-	3	48	-	-	-	-	-	-	4	9	119	-	-	6				
Watch engineers	247	3.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	242				
<b>Gas</b>																														
Gas dispatchers	29	2.57	-	-	-	-	-	-	-	-	-	3	4	-	-	22	-	-	-	-	-	-	-	-	-	-	-			
Gas-main fitters	177	2.45	-	-	2	5	8	-	4	4	4	4	8	10	6	30	84	2	3	-	3	-	-	-	-	-				
Gas-main fitters' helpers	165	1.75	2	5	-	41	25	1	3	41	5	6	30	3	3	-	-	-	-	-	-	-	-	-	-	-				
Laborers, main installation and service	748	1.43	43	177	196	105	39	122	12	2	51	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Repairmen, gasmeter	118	2.61	-	-	1	1	-	-	-	1	-	5	4	6	6	14	56	7	-	9	7	1	-	-	-	-				
Repairmen helpers, gasmeter	28	1.87	-	-	-	-	2	-	10	11	-	1	-	2	-	2	-	-	-	-	-	-	-	-	-	-				
Servicemen, gas appliances	750	2.60	-	-	3	8	-	12	-	12	12	27	6	15	38	14	30	377	24	14	80	71	7	-	-	-				
Servicemen, regulator	17	2.70	-	-	-	-	-	-	-	-	-	-	1	-	-	-	7	7	1	1	-	-	-	-	-	-				
<b>Miscellaneous</b>																														
Electricians, maintenance	485	3.14	-	-	-	-	-	-	-	-	-	-	-	-	5	7	45	28	2	22	126	221	21	8	-	-				
Guards	35	1.86	-	-	2	1	6	8	1	1	5	-	7	-	3	-	1	-	-	-	-	-	-	-	-	-				
Janitors, porters, or cleaners	476	1.56	22	36	81	77	88	42	65	2	30	12	21	-	-	-	-	-	-	-	-	-	-	-	-	-				

See footnotes at end of table.

Table 21. Occupational Earnings: All Systems—Physical Workers—Southeast—Continued

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																											
			\$1.10 and under	\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60 and over		
			\$1.10	\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60	and over	
<u>Men—Continued</u>																														
<u>Miscellaneous—Continued</u>																														
Machinists, maintenance ---	43	\$3.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	23	15	3	-	-		
Mechanics, automotive (maintenance) -----	223	2.92	-	-	-	-	-	-	-	-	1	1	4	4	8	29	3	36	-	2	18	4	25	83	3	2	-	-		
Mechanics, maintenance ---	451	3.15	-	-	-	-	-	-	-	-	-	-	-	2	-	17	9	14	7	24	10	129	214	25	-	-	-			
Meter readers -----	1,013	2.38	-	8	6	3	11	87	21	25	28	37	30	109	69	95	66	198	138	63	2	-	5	2	1	4	1	4		
Stock clerks -----	235	2.60	-	-	-	-	6	2	3	1	17	6	11	15	20	7	19	34	11	5	14	37	25	1	1	-	-			
Truckdrivers <sup>4</sup> -----	186	2.33	-	-	1	-	-	-	2	3	-	42	12	11	40	24	-	51	-	-	-	-	-	-	-	-	-			
Medium (1½ to and including 4 tons) -----	70	2.28	-	-	1	-	-	-	-	3	-	-	8	7	30	21	-	-	-	-	-	-	-	-	-	-	-			
Heavy (over 4 tons) -----	70	2.54	-	-	-	-	-	-	-	-	-	3	3	4	9	-	-	51	-	-	-	-	-	-	-	-	-			
<u>Women</u>																														
<u>Miscellaneous</u>																														
Janitors, porters, or cleaners -----	94	1.47	8	7	7	16	43	9	-	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. All or a majority of the workers were paid on a time basis.  
<sup>2</sup> Workers were distributed as follows: 28 at \$3.60 to \$3.80; 14 at \$3.80 to \$4; 24 at \$4 to \$4.20; and 11 at \$4.20 and over.  
<sup>3</sup> Workers were distributed as follows: 123 at \$3.60 to \$3.80; 71 at \$3.80 to \$4; 26 at \$4 to \$4.20; 3 at \$4.20 to \$4.40; and 19 at \$4.40 to \$4.60.  
<sup>4</sup> Includes all drivers regardless of size and type of truck operated.

Table 22. Occupational Earnings: All Systems—Physical Workers—Southwest

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																									
			\$1.10 and under	\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60 and over
			\$1.10	\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60
<b>Men</b>																												
<b>Electricity</b>																												
Auxiliary-equipment operators, electric	432	\$2.48	-	-	-	-	4	7	16	11	20	26	23	54	21	78	51	72	9	40	-	-	-	-	-	-	-	-
Boiler operators	261	2.79	-	-	-	-	-	1	1	1	3	5	9	7	8	18	13	30	99	18	28	-	-	1	19	-	-	
Control-room operators	192	2.98	-	-	-	-	-	-	-	-	2	4	7	3	2	-	6	18	4	56	40	24	-	-	26	-	-	
Control-room operator assistants	84	2.85	-	-	-	-	-	-	-	-	-	2	3	2	8	20	4	-	-	15	-	-	30	-	-	-	-	
District representatives	137	2.84	-	-	-	-	-	-	2	-	2	1	4	7	2	6	1	6	70	2	2	2	26	2	2	-	-	
Groundmen	1,105	2.01	2	1	5	40	48	64	94	126	96	151	132	49	293	1	3	-	-	-	-	-	-	-	-	-	-	
Linemen, journeymen	1,839	3.03	-	-	-	-	-	-	-	4	1	12	13	14	43	26	60	72	328	157	216	270	378	245	8	6	2	
Load dispatchers	101	3.65	-	-	-	-	-	-	-	-	1	1	-	2	-	1	2	-	1	2	1	10	8	8	6	2		
Metermen, class A	336	3.03	-	-	-	-	-	-	-	-	-	2	-	3	6	8	12	27	49	27	35	90	28	49	-	-		
Metermen, class B	95	2.52	-	-	-	-	3	-	-	-	1	5	14	12	16	4	9	4	9	5	13	-	-	-	-	-		
Patrolmen	115	2.85	-	3	-	-	-	-	-	1	-	1	-	1	4	4	10	25	27	-	2	16	-	21	-	-		
Servicemen, electrical appliances	97	2.61	-	-	-	1	-	1	2	3	3	6	5	9	7	2	13	4	15	3	23	-	-	-	-	-		
Substation operators	124	2.58	-	-	-	-	-	-	-	-	2	2	16	4	23	30	3	1	41	-	-	2	-	-	-	-		
Switchboard operators, class A	133	2.98	-	-	-	-	-	-	-	-	1	1	5	1	1	-	7	6	9	13	57	10	6	16	-	-		
Switchboard operators, class B	37	2.33	-	-	-	6	-	-	3	6	-	-	1	3	-	2	-	7	-	9	-	-	-	-	-	-		
Troublemakers	1,019	2.96	-	-	-	-	-	3	5	1	9	20	22	37	22	32	45	29	197	41	162	54	260	23	10	47		
Truckdriver-groundmen	328	2.38	-	-	-	2	7	4	15	3	10	26	15	16	143	77	-	-	10	-	-	-	-	-	-	-		
Turbine operators	188	3.12	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	7	12	-	102	16	-	1	43	4		
Watch engineers	355	3.37	-	-	-	-	-	-	-	-	-	-	1	1	16	9	7	5	1	12	40	17	71	4	26	48		
<b>Gas</b>																												
Compressor operators	1,081	2.85	-	-	-	-	-	-	13	-	-	-	1	78	9	107	168	130	250	325	-	-	-	-	-	-		
Corrosion technicians	38	2.50	-	-	-	3	-	-	6	-	-	1	3	-	1	18	-	1	-	-	1	4	-	-	-	-		
Gas dispatchers	134	2.82	-	-	-	-	-	-	-	-	-	4	1	3	17	7	60	20	-	4	1	1	1	1	2	11		
Gas-main fitters	345	2.10	-	-	-	9	-	42	65	81	27	33	21	13	5	5	12	1	3	4	19	5	-	-	-	-		
Gas-main fitters' helpers	400	1.76	1	29	32	1	55	35	69	47	66	15	33	4	8	4	1	-	-	-	-	-	-	-	-	-		
Installers, gasmeter	498	2.36	-	-	-	13	28	24	23	25	4	25	17	30	54	39	53	42	7	32	63	12	1	6	-	-		
Laborers, main installation and service	1,271	1.51	101	111	94	110	497	166	22	127	31	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Meter repairmen, gas transmission	241	2.68	-	-	-	1	6	15	6	-	-	-	2	9	4	28	5	61	34	22	13	25	10	-	-	-		
Oilers	572	2.51	-	-	-	-	-	-	-	-	-	38	7	54	158	141	174	-	-	-	-	-	-	-	-	-		
Pipeline leadmen	117	2.56	-	-	-	-	-	-	-	-	-	-	-	35	10	51	-	-	3	4	13	1	-	-	-	-		
Pipeline repairmen	813	2.30	-	-	46	14	-	3	23	1	114	24	8	202	190	119	28	41	-	-	-	-	-	-	-	-		
Radio technicians	36	2.90	-	-	-	-	-	-	-	-	-	6	-	-	1	-	1	1	3	3	7	11	-	3	-	-		
Repairmen, gasmeter	196	2.29	-	-	18	-	-	1	1	7	20	15	19	24	15	17	4	9	11	8	23	4	-	-	-	-		
Repairmen helpers, gasmeter	56	1.90	-	5	2	-	5	3	8	8	1	-	9	9	6	-	-	-	-	-	-	-	-	-	-	-		
Roustabouts	930	2.19	-	-	-	6	5	3	65	4	29	145	120	103	446	4	-	-	-	-	-	-	-	-	-	-		
Servicemen, gas appliances	749	2.34	-	-	-	2	-	33	12	90	36	52	75	60	66	102	42	25	19	36	21	51	9	9	9	-		
Servicemen, regulator	31	2.50	-	-	-	3	-	-	-	1	1	1	1	2	1	6	1	-	1	1	12	-	-	-	-	-		
Welders	227	2.77	-	-	-	-	-	-	6	6	25	9	9	1	6	8	3	24	1	20	25	64	15	-	5	-		

See footnotes at end of table.

Table 22. Occupational Earnings: All Systems—Physical Workers—Southwest—Continued

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																											
			\$1.10 and under	\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60 and over		
			\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60	over		
<u>Men—Continued</u>																														
<u>Miscellaneous</u>																														
Electricians, maintenance -----	439	\$3.11	-	-	-	-	-	-	-	-	-	2	-	8	5	16	4	9	9	43	27	29	83	81	116	1	6	-	-	
Guards -----	59	1.52	-	-	33	-	-	1	16	1	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Janitors, porters, or cleaners -----	835	1.48	146	85	129	78	114	94	79	21	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Machinists, maintenance -----	124	3.03	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	6	14	7	10	15	60	2	1	5	-	-	-	
Mechanics, automotive (maintenance) -----	236	2.70	-	-	-	-	-	-	-	6	-	3	7	8	15	17	27	7	30	68	6	42	-	-	-	-	-	-	-	
Mechanics, maintenance -----	686	2.86	-	-	-	-	-	-	-	-	-	4	6	5	177	18	68	30	53	28	52	91	90	47	3	14	-	-		
Meter readers -----	1,038	1.94	-	2	15	91	118	78	85	103	92	103	108	26	84	69	6	-	58	-	-	-	-	-	-	-	-	-	-	
Pipefitters, maintenance -----	21	2.46	-	-	-	-	-	-	-	10	-	-	1	-	-	-	-	-	1	4	-	-	-	4	1	-	-	-		
Stock clerks -----	482	2.30	-	-	6	6	10	15	18	26	26	35	54	68	45	36	16	50	3	4	13	51	-	-	-	-	-	-		
Truckdrivers <sup>4</sup> -----	1,029	2.42	-	3	2	3	1	28	11	22	26	28	120	102	131	87	103	220	19	96	27	-	-	-	-	-	-	-		
Light (under 1½ tons) -----	94	2.33	-	-	-	-	-	2	5	14	2	8	-	4	8	-	20	31	-	-	-	-	-	-	-	-	-	-		
Medium (1½ to and including 4 tons) -----	652	2.36	-	3	2	3	1	26	6	8	12	15	82	74	120	65	79	136	2	18	-	-	-	-	-	-	-	-		
Heavy (over 4 tons) -----	147	2.42	-	-	-	-	-	-	-	-	12	5	38	24	3	16	3	-	17	2	27	-	-	-	-	-	-	-		
<u>Women</u>																														
<u>Miscellaneous</u>																														
Janitors, porters, or cleaners -----	85	1.23	42	32	9	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. All or a majority of the workers were paid on a time basis.

<sup>2</sup> Workers were distributed as follows: 19 at \$3.60 to \$3.80; 11 at \$3.80 to \$4; 6 at \$4 to \$4.20; and 20 at \$4.30 and over.

<sup>3</sup> Workers were distributed as follows: 58 at \$3.60 to \$3.80; 5 at \$3.80 to \$4; 6 at \$4 to \$4.20; 8 at \$4.20 to \$4.40; and 20 at \$4.40 to \$4.60.

<sup>4</sup> Includes all drivers regardless of size and type of truck operated.



Table 23. Occupational Earnings: All Systems—Physical Workers—Great Lakes

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																										
			Under \$1.50	\$1.50 and under \$1.60	\$1.60-\$1.70	\$1.70-\$1.80	\$1.80-\$1.90	\$1.90-\$2.00	\$2.00-\$2.10	\$2.10-\$2.20	\$2.20-\$2.30	\$2.30-\$2.40	\$2.40-\$2.50	\$2.50-\$2.60	\$2.60-\$2.70	\$2.70-\$2.80	\$2.80-\$2.90	\$2.90-\$3.00	\$3.00-\$3.10	\$3.10-\$3.20	\$3.20-\$3.30	\$3.30-\$3.40	\$3.40-\$3.60	\$3.60-\$3.80	\$3.80-\$4.00	over			
<b>Men</b>																													
<b>Electricity</b>																													
Auxiliary-equipment operators, electric	1,229	\$2.94	-	-	-	-	-	2	2	1	3	6	56	187	181	107	145	144	275	65	53	-	2	-	-	-	-	-	
Boiler operators	918	3.23	-	-	-	-	-	-	-	-	-	-	-	49	14	132	22	44	127	187	60	181	102	-	-	-	-	-	
Control-room operators	467	3.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	23	9	38	167	205	16	-	-	-		
Control-room operator assistants	423	3.23	-	-	-	-	-	-	-	-	-	-	-	2	2	12	33	5	79	200	20	66	4	-	-	-	-	-	
District representatives	361	3.17	-	-	-	-	-	-	-	-	15	-	7	5	5	6	81	78	18	24	2	76	37	5	2	-	-	-	
Groundmen	839	2.47	-	-	-	2	13	9	11	49	98	304	158	133	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Linemen, journeymen	4,769	3.43	-	-	-	-	-	-	-	-	-	-	-	3	54	70	85	212	167	458	1105	1296	1319	-	-	-	-	-	
Load dispatchers	231	4.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	8	1	9	14	47	33	2	117	2		
Metermen, class A	540	3.29	-	-	-	-	-	-	-	-	-	-	3	10	4	-	19	17	71	22	97	178	58	59	-	-	-	-	
Metermen, class B	668	2.98	-	-	-	-	-	-	-	-	-	23	19	22	108	70	32	174	197	8	-	12	1	1	1	1	-	-	
Patrolmen	60	3.08	-	-	-	-	-	-	-	-	-	-	2	1	2	21	2	1	2	14	16	1	-	-	-	-	-	-	
Servicemen, electrical appliances	858	3.07	-	-	-	-	-	-	-	-	10	-	11	25	20	55	159	36	238	258	4	42	-	-	-	-	-	-	
Substation operators	865	3.36	-	-	-	-	-	-	-	-	14	27	7	36	28	45	17	56	68	47	71	77	264	108	-	-	-	-	
Switchboard operators, class A	464	3.38	-	-	-	-	-	-	-	-	-	-	12	20	30	19	14	9	13	50	55	74	144	-	-	24	-	-	
Switchboard operators, class B	179	3.07	-	-	-	-	1	-	-	3	4	6	2	15	7	17	10	20	18	11	55	-	5	5	-	-	-	-	
Troublemakers	1,037	3.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	11	7	138	12	497	165	150	31	-	-	-	
Truckdriver-groundmen	1,302	2.70	-	-	-	-	-	1	6	13	16	134	416	478	237	-	-	-	-	1	-	-	-	-	-	-	-	-	
Turbine operators	516	3.31	-	-	-	-	-	-	5	5	11	21	4	-	-	15	34	20	21	44	98	117	121	-	-	-	-	-	
Watch engineers	297	4.37	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	-	-	18	11	21	16	35	10	186	-	-	
<b>Gas</b>																													
Auxiliary-equipment operators, gas transmission	193	2.95	-	-	-	-	-	-	-	-	-	-	-	-	12	63	17	94	4	-	3	-	-	-	-	-	-	-	-
Auxiliary-equipment operators, gas production	28	2.87	-	-	-	-	-	2	-	-	-	-	9	-	3	-	1	2	1	9	-	1	-	-	-	-	-	-	
Boiler operators	33	2.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	2	-	-	-	-	-	-	-	-	-	
Compressor operators	443	3.05	-	-	-	-	-	-	-	-	-	-	1	2	3	55	132	88	116	46	-	-	-	-	-	-	-	-	
Corrosion technicians	11	3.11	-	-	-	-	-	-	-	-	-	-	-	-	4	-	2	1	-	-	2	1	-	-	1	1	-	-	
Gas-main fitters	2,997	2.93	-	-	-	-	-	-	-	10	193	5	154	242	514	272	529	164	401	155	104	254	-	-	-	-	-	-	
Gas-main fitters' helpers	923	2.65	-	-	-	2	-	1	13	45	122	56	126	53	306	141	15	43	-	-	-	-	-	-	-	-	-	-	
Gas dispatchers	36	3.22	-	-	-	-	-	-	-	-	-	-	-	-	1	1	6	1	6	12	1	8	-	-	-	-	-	-	
Gasmakers	48	3.15	-	-	-	-	-	-	-	-	1	-	1	-	4	-	2	24	16	-	-	-	-	-	-	-	-	-	
Inspectors	190	2.97	-	-	-	-	-	-	-	-	2	11	19	14	23	5	23	89	4	-	-	-	-	-	-	-	-	-	
Installers, gasmeter	892	2.83	-	-	-	-	-	-	5	15	24	25	31	142	87	25	382	120	19	17	-	-	-	-	-	-	-	-	
Laborers, main installation and service	1,185	2.46	-	-	-	-	5	14	70	171	147	204	178	238	149	2	5	2	-	-	-	-	-	-	-	-	-	-	
Leak locators, gas	102	2.84	-	-	-	-	-	-	-	4	3	2	24	6	-	31	-	1	3	6	22	-	-	-	-	-	-	-	
Meter repairmen, gas transmission	42	3.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	8	-	18	2	-	-	-	-	-	-	-	
Oilers	649	2.79	-	-	-	-	-	-	-	-	-	-	9	91	167	382	-	-	-	-	-	-	-	-	-	-	-	-	
Pipeline repairmen	584	2.77	-	-	-	-	-	-	-	-	2	5	211	98	213	-	55	-	-	-	-	-	-	-	-	-	-	-	
Radio technicians	25	3.20	-	-	-	-	-	-	-	-	-	-	-	-	2	1	9	3	-	4	6	-	-	-	-	-	-	-	
Repairmen, gasmeter	500	2.97	-	-	-	-	3	-	-	-	24	6	65	25	68	104	100	23	27	-	-	-	55	-	-	-	-	-	
Repairmen helpers, gasmeter	80	2.70	-	-	-	-	-	8	1	2	3	20	10	15	-	-	1	17	3	-	-	-	-	-	-	-	-		
Roustabouts	237	2.47	-	-	-	-	-	6	-	33	68	129	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Servicemen, gas appliances	3,607	3.12	-	-	-	-	-	-	-	2	57	63	126	233	314	609	186	772	210	87	948	-	-	-	-	-	-	-	
Servicemen, regulator	237	3.15	-	-	-	-	-	-	-	-	-	-	-	8	11	41	66	32	37	-	24	18	-	-	-	-	-	-	
Welders	205	3.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	15	62	16	15	74	20	-	-	-	-	

See footnotes at end of table.

Table 23. Occupational Earnings: All Systems—Physical Workers—Great Lakes—Continued

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																								
			Under \$1.50	\$1.50 and under \$1.60	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.60	\$3.80	\$4.00 and over	
<b>Men—Continued</b>																											
<b>Miscellaneous</b>																											
Electricians, maintenance .....	1,376	\$3.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	13	88	67	52	295	315	491	14	27
Guards .....	212	2.52	-	-	-	-	-	19	1	1	29	13	49	94	2	3	1	-	-	-	-	-	-	-	-	-	-
Janitors, porters, or cleaners .....	1,366	2.31	35	7	16	15	25	13	34	105	140	317	486	142	28	2	1	-	-	-	-	-	-	-	-	-	-
Machinists, maintenance .....	285	3.46	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	5	20	15	88	81	69	4	-	
Mechanics, automotive (maintenance) .....	865	3.11	-	-	-	-	-	-	-	-	-	1	4	3	10	47	78	125	210	164	48	12	148	15	-	-	
Mechanics, maintenance .....	1,425	3.35	-	-	-	-	-	-	-	-	-	-	-	5	9	14	31	60	84	118	105	563	139	294	-	3	
Meter readers .....	3,206	2.67	-	5	10	10	5	12	33	44	117	118	264	307	964	399	443	261	122	30	29	21	12	-	-	-	
Pipefitters, maintenance .....	189	3.50	-	-	-	-	-	-	-	-	-	-	-	-	4	-	2	-	7	9	24	4	36	103	-	-	
Stock clerks .....	1,371	2.75	-	2	-	7	4	9	8	10	17	22	87	74	270	333	245	88	62	116	6	11	-	-	-	-	
Truckdrivers <sup>4</sup> .....	852	2.78	-	-	-	-	-	5	-	1	11	17	16	195	224	242	72	29	16	4	-	13	-	-	-	7	
Light (under 1½ tons) .....	36	2.54	-	-	-	-	-	-	-	-	1	4	15	-	9	5	2	-	-	-	-	-	-	-	-	-	
Medium (1½ to and including 4 tons) .....	505	2.76	-	-	-	-	-	-	-	-	4	2	12	177	151	87	39	26	-	-	-	-	-	-	-	7	
Heavy (over 4 tons) .....	191	2.87	-	-	-	-	-	-	-	-	3	-	4	6	64	69	9	3	16	4	-	13	-	-	-		
<b>Women</b>																											
<b>Miscellaneous</b>																											
Janitors, porters, or cleaners .....	267	1.80	24	58	55	11	30	19	22	4	7	34	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. All or a majority of the workers were paid on a time basis.  
<sup>2</sup> Workers were distributed as follows: 37 at \$4 to \$4.20; 30 at \$4.20 to \$4.40; 10 at \$4.40 to \$4.60; 20 at \$4.60 to \$4.80; and 20 at \$4.80 and over.  
<sup>3</sup> Workers were distributed as follows: 16 at \$4 to \$4.20; 24 at \$4.20 to \$4.40; 27 at \$4.40 to \$4.60; 25 at \$4.60 to \$4.80; 24 at \$4.80 to \$5; and 70 at \$5 and over.  
<sup>4</sup> Includes all drivers regardless of size and type of truck operated.

Table 24. Occupational Earnings: All Systems—Physical Workers—Middle West

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																											
			\$1.10 and under	\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.40	\$3.60	\$3.80	\$4.00 and over		
			\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.40	\$3.60	\$3.80	\$4.00			
<b>Men</b>																														
<b>Electricity</b>																														
Auxiliary-equipment operators, electric	305	\$2.79	-	-	-	-	-	-	-	-	-	-	10	15	40	42	23	50	49	8	9	-	35	21	3	-	-	-		
Boiler operators	356	2.98	-	-	-	-	-	-	-	-	-	5	4	6	48	55	4	66	48	5	13	18	37	41	-	-	-	-		
Control-room operators	142	3.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	24	10	16	5	4	-	-	-	-		
Control-room operator assistants	87	3.14	-	-	-	-	-	-	-	2	-	8	-	-	-	-	6	24	-	-	-	5	42	-	-	-	-	-		
District representatives	297	2.94	-	-	-	-	-	1	-	-	1	1	2	11	18	42	13	21	66	38	54	6	2	21	-	-	-	-		
Groundmen	381	2.44	-	-	-	-	12	2	32	4	40	50	28	37	1	3	172	-	-	-	-	-	-	-	-	-	-	-		
Linemen, journeymen	1,648	3.16	-	-	-	-	-	-	-	-	-	-	-	2	6	61	260	214	60	324	110	82	180	349	-	-	-	-		
Load dispatchers	101	3.47	-	-	-	-	-	-	-	-	-	-	4	-	4	2	9	6	10	12	7	21	5	3	18	-	-	-		
Metermen, class A	212	3.10	-	-	-	-	-	-	-	-	-	9	-	1	17	30	-	12	62	11	14	19	22	15	-	-	-	-		
Metermen, class B	49	2.69	-	-	-	-	-	-	-	2	-	-	1	2	19	5	7	4	-	-	-	4	-	-	-	-	-	-		
Patrolmen	19	2.91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	6	-	-	-	-	-	-		
Servicemen, electrical appliances	222	2.73	-	-	-	-	-	10	1	4	1	5	2	26	11	43	54	20	6	4	13	4	18	-	-	-	-	-		
Substation operators	104	3.34	-	-	-	-	-	1	-	-	-	1	-	-	5	-	-	-	27	13	1	4	4	19	29	-	-	-		
Switchboard operators, class A	85	3.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	6	-	19	4	35	7	-	-	-		
Switchboard operators, class B	62	3.25	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-	26	4	-	12	12	-	-	-	-		
Troublemakers	345	3.35	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	4	52	46	80	42	-	37	82	-	-	-		
Truckdriver-groundmen	407	2.58	-	-	-	-	-	-	-	-	24	44	75	38	38	40	33	9	106	-	-	-	-	-	-	-	-	-		
Turbine operators	297	3.02	-	-	-	-	-	-	-	3	1	-	-	24	61	26	30	22	14	49	4	23	33	-	-	-	-	-		
Watch engineers	144	3.45	-	-	-	-	-	-	-	-	-	-	-	10	-	1	-	5	4	20	25	4	41	5	4	25	-	-		
<b>Gas</b>																														
Auxiliary-equipment operators, gas production	14	2.76	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-	-	8	-	-	-	-	-	-	-	-	-	-	
Auxiliary-equipment operators, gas transmission	256	2.72	-	-	-	-	-	-	-	-	2	5	-	-	4	107	40	98	-	-	-	-	-	-	-	-	-	-	-	
Boiler operators	29	2.77	-	-	-	-	-	-	-	-	-	-	-	-	-	4	17	4	4	-	-	-	-	-	-	-	-	-	-	
Compressor operators	394	2.87	-	-	-	-	-	-	-	-	-	14	36	4	-	40	106	104	87	1	2	1	2	1	-	-	-	-		
Corrosion technicians	30	3.25	-	-	-	-	-	-	-	-	1	-	-	4	2	2	1	4	8	2	1	8	2	1	-	-	-	-		
Gas dispatchers	47	2.82	-	-	-	-	-	-	4	-	-	-	4	1	-	4	2	3	20	1	-	8	-	-	-	-	-	-		
Gas-main fitters	729	2.71	-	-	-	-	-	-	36	25	28	-	3	37	53	32	148	88	219	53	-	7	-	-	-	-	-	-		
Gas-main fitters' helpers	339	2.49	-	-	-	-	5	20	25	2	6	34	7	18	45	29	143	5	-	-	-	-	-	-	-	-	-	-		
Installers, gasmeter	173	2.73	-	-	-	-	-	-	-	-	-	18	24	10	1	9	34	47	-	11	19	-	-	-	-	-	-	-		
Laborers, main installation and service	408	2.10	-	-	29	1	38	8	48	4	16	-	41	29	141	36	17	-	-	-	-	-	-	-	-	-	-	-		
Meter repairmen, gas transmission	125	3.14	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	3	17	21	26	40	10	1	-	-	-	-		
Oilers	804	2.56	-	-	-	-	-	-	-	-	-	35	-	-	414	355	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pipeline repairmen	407	2.58	-	-	-	-	-	-	-	-	11	15	-	160	174	47	-	-	-	-	-	-	-	-	-	-	-	-		
Radio technicians	27	3.18	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	5	4	2	7	3	1	-	-	-	-	-		
Repairmen, gasmeter	189	2.75	-	-	-	-	-	1	1	1	3	6	11	17	6	11	19	51	41	7	14	-	-	-	-	-	-	-		
Repairmen helpers, gasmeter	18	2.13	-	-	-	-	4	2	4	-	4	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-		
Servicemen, gas appliances	781	2.76	-	-	-	1	2	12	9	17	55	49	22	31	5	56	66	35	21	95	92	20	193	-	-	-	-	-		
Welders	140	3.05	-	-	-	-	-	-	-	-	-	-	2	-	2	11	7	-	4	29	46	35	-	-	-	-	-	-		

See footnotes at end of table.

Table 24. Occupational Earnings: All Systems—Physical Workers—Middle West—Continued

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup> and under	Number of workers receiving straight-time hourly earnings of—																											
			\$1.10	\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.40	\$3.60	\$3.80	\$4.00		
			\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.40	\$3.60	\$3.80	\$4.00	over		
<u>Men—Continued</u>																														
<u>Miscellaneous</u>																														
Electricians, maintenance .....	316	\$3.39	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3	5	17	29	6	18	23	33	30	144	3	2		
Janitors, porters, or cleaners .....	366	2.06	27	11	6	2	8	30	30	11	24	33	29	3	14	62	76	-	-	-	-	-	-	-	-	-	-	-		
Mechanics, automotive (maintenance) .....	148	3.06	-	-	-	-	-	-	-	-	-	2	3	1	2	5	6	4	8	12	6	12	14	-	19	54	-	-		
Mechanics, maintenance .....	303	3.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	40	56	21	26	30	21	5	48	-		
Meter readers .....	740	2.55	-	-	-	2	12	4	11	27	11	29	54	41	106	53	67	61	46	4	13	100	99	-	-	-	-	-		
Stock clerks .....	237	2.55	-	-	-	-	-	-	4	2	11	13	21	6	15	29	34	11	36	6	33	7	-	7	-	2	-	-		
Truckdrivers <sup>6</sup> .....	340	2.75	-	-	-	-	-	-	-	2	-	1	1	38	2	30	7	21	13	70	139	10	3	-	3	-	-	-		
Medium (1½ to and including 4 tons) .....	141	2.69	-	-	-	-	-	-	-	2	-	-	-	38	-	-	3	2	13	38	41	-	3	-	1	-	-	-		
Heavy (over 4 tons) .....	134	2.89	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	19	-	3	98	10	-	-	2	-	-	-		
<u>Women</u>																														
<u>Miscellaneous</u>																														
Janitors, porters, or cleaners .....	55	1.63	10	8	2	9	-	1	-	-	2	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. All workers were paid on a time basis.

<sup>2</sup> Workers were distributed as follows: 33 at \$4.10 to \$4.20; and 25 at \$4.20 to \$4.30.

<sup>3</sup> Workers were distributed as follows: 1 at \$4.10 to \$4.20; 2 at \$4.20 to \$4.30; 1 at \$4.40 to \$4.50; 9 at \$4.90 to \$5; and 5 at \$5 to \$5.10.

<sup>4</sup> Workers were distributed as follows: 1 at \$4.10 to \$4.20; 5 at \$4.20 to \$4.30; 3 at \$4.50 to \$4.60; and 16 at \$4.70 to \$4.80.

<sup>5</sup> Workers were distributed as follows: 1 at \$4 to \$4.10; 1 at \$4.20 to \$4.30; 1 at \$4.40 to \$4.50; and 1 at \$4.50 to \$4.60.

<sup>6</sup> Includes all drivers regardless of size and type of truck operated.

Table 25. Occupational Earnings: All Systems—Physical Workers—Mountain

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																												
			Under \$1.40	\$1.40 and under \$1.50	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.50	\$3.60	and over				
			<b>Men</b>																												
<b>Electricity</b>																															
Auxiliary-equipment operators, electric	122	\$2.75	-	-	-	-	-	-	-	-	-	-	22	7	12	18	-	26	2	35	-	-	-	-	-	-	-	-	-	-	
Boiler operators	75	2.63	-	-	-	-	-	-	-	-	4	22	2	2	4	-	3	23	8	3	-	4	-	-	-	-	-	-	-	-	
Control-room operators	60	3.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	1	-	-	-	-	-	-	-	-	-	-	
District representatives	127	3.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	11	20	75	2	2	-	-	-	-	-	
Groundmen	321	2.28	-	-	2	1	20	8	15	53	72	69	65	1	15	-	-	-	-	-	31	231	40	237	173	-	-	-	-	-	
Linemen, journeymen	728	3.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	9	31	231	40	237	173	-	-	-	-	-	-	
Load dispatchers	55	3.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	3	10	18	24	2	15	-	-	-	-	-	
Metermen, class A	78	3.18	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	6	3	10	18	24	2	15	-	-	-	-	-	-	
Metermen, class B	57	2.85	-	-	-	-	-	-	-	-	-	-	2	17	-	-	-	1	31	6	-	-	-	-	-	-	-	-	-	-	
Patrolmen	14	2.67	-	-	-	-	-	-	-	-	-	2	2	1	-	-	-	6	3	-	-	-	-	-	-	-	-	-	-	-	
Servicemen, electrical appliances	47	2.96	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-	1	37	3	-	2	-	-	-	-	-	-	-	-	
Substation operators	43	2.91	-	-	-	-	-	-	-	-	-	-	3	4	-	5	-	2	1	20	8	-	-	-	-	-	-	-	-	-	
Switchboard operators, class A	187	2.94	-	-	-	-	-	-	-	-	-	-	4	7	26	15	1	25	46	15	-	-	-	-	-	-	-	-	-	-	-
Switchboard operators, class B	79	2.52	-	-	-	-	-	-	3	4	12	18	4	2	2	10	20	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Troublemakers	170	3.20	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	116	-	31	9	-	-	-	-	-	-	
Watch engineers	117	3.66	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	4	8	3	-	5	25	1	11	67	-	-	-	-	
<b>Gas</b>																															
Gas dispatchers	43	2.84	-	-	-	-	-	-	-	-	-	2	2	-	1	11	3	-	4	15	3	-	2	-	-	-	-	-	-	-	
Gas-main fitters	167	2.95	-	-	-	3	-	1	1	19	-	-	-	-	-	-	-	-	54	13	46	27	1	-	2	-	-	-	-	-	
Installers, gasmeter	140	2.95	-	-	-	1	-	-	-	-	-	-	-	11	1	18	-	81	12	-	2	10	-	2	-	-	-	-	-	-	
Laborers, main installation and service	224	2.13	2	3	10	27	-	-	14	64	31	39	24	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leak locators, gas	40	2.59	-	-	-	-	-	-	-	-	10	2	8	2	4	-	-	14	-	-	-	-	-	-	-	-	-	-	-	-	
Repairmen, gasmeter	75	2.79	-	-	-	-	-	-	-	2	8	17	-	-	-	14	20	8	2	-	-	-	-	-	-	-	-	-	-	2	
Repairmen helpers, gasmeter	11	2.21	-	-	3	-	-	-	1	2	1	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Servicemen, gas appliances	288	2.77	-	-	-	-	2	2	5	7	11	19	5	46	6	10	37	101	-	37	-	-	-	-	-	-	-	-	-	-	-
<b>Miscellaneous</b>																															
Electricians, maintenance	194	3.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	24	52	6	55	53	-	-	-	-	-	-	
Janitors, porters, or cleaners	129	2.03	12	1	3	5	1	3	9	22	28	37	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinists, maintenance	59	3.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	33	-	1	11	-	-	-	-	-	-	-	-
Mechanics, automotive (maintenance)	94	3.06	-	-	-	-	-	-	-	-	-	-	1	-	1	-	8	6	35	2	10	32	-	-	-	-	-	-	-	-	-
Mechanics, maintenance	151	3.06	-	-	-	-	-	-	-	-	-	-	1	-	5	3	3	30	10	84	9	6	-	-	-	-	-	-	-	-	-
Meter readers	419	2.36	5	3	10	12	7	18	10	20	15	39	54	38	32	77	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pipefitters, maintenance	21	3.29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1	-	-	-	-	-	-	-	-	-	-
Stock clerks	123	2.48	-	-	2	7	2	2	9	7	15	10	4	2	13	8	29	5	6	1	1	-	-	-	-	-	-	-	-	-	-
Truckdrivers <sup>6</sup>	460	2.68	-	-	-	1	-	-	3	6	21	8	91	97	178	26	24	-	5	-	-	-	-	-	-	-	-	-	-	-	-
Light (under 1 1/2 tons)	19	2.42	-	-	-	1	-	-	-	-	2	1	3	4	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medium (1 1/2 to and including 4 tons)	372	2.66	-	-	-	-	-	-	-	1	5	17	4	84	95	160	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heavy (over 4 tons)	54	2.92	-	-	-	-	-	-	-	-	-	1	-	-	2	20	24	-	5	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. All workers were paid on a time basis.<sup>2</sup> Workers were distributed as follows: 4 at \$3.60 to \$3.80; 5 at \$3.80 to \$4; 15 at \$4 to \$4.20; and 8 at \$4.20 and over.<sup>3</sup> Workers were distributed as follows: 16 at \$3.60 to \$3.80; 18 at \$3.80 to \$4; 32 at \$4 to \$4.20; and 1 at \$4.20 to \$4.40.<sup>4</sup> Workers were distributed as follows: 6 at \$1.20 to \$1.30; and 6 at \$1.30 to \$1.40.<sup>5</sup> All workers were at \$3.80 to \$3.90.<sup>6</sup> Includes all drivers regardless of size and type of truck operated.

Table 26. Occupational Earnings: All Systems—Physical Workers—Pacific

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																										
			Under \$1.70	\$1.70 and under \$1.80	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.60	\$3.80	\$4.00	\$4.20	\$4.40			
																												and over	
<u>Men</u>																													
<u>Electricity</u>																													
Auxiliary-equipment operators, electric	130	\$3.13	-	-	-	-	-	-	-	-	-	-	-	-	-	27	33	24	46	-	-	-	-	-	-	-	-	-	-
Boiler operators	88	3.09	-	-	-	-	-	-	-	-	-	-	-	16	-	23	33	-	-	-	-	-	16	-	-	-	-	-	
Control-room operators	207	3.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	106	29	-	-	-	-	
Control-room operator assistants	138	3.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	7	49	74	-	-	-	-	-	
Groundmen	930	2.65	-	-	-	-	-	6	-	14	253	285	362	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Linemen, journeymen	2,226	3.55	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	7	16	1645	534	-	-	-	-	-	
Load dispatchers	72	4.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	8	114	40	4	14	12	36		
Metermen, class A	177	3.50	-	-	-	-	-	-	-	-	-	-	-	-	-	4	9	2	8	-	-	-	-	-	-	-	-	-	
Metermen, class B	89	3.33	-	-	-	-	-	-	-	-	-	-	-	4	3	1	-	-	35	-	-	46	-	-	-	-	-	-	
Patrolmen	28	3.28	-	-	-	-	-	-	-	-	-	-	-	2	10	-	1	-	-	1	11	3	-	-	-	-	-	-	
Servicemen, electrical appliances	26	3.27	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	25	-	-	-	-	-	-	-	-	-	-	
Switchboard operators, class A	213	3.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	157	49	-	-	-	-	-	-	-	
Switchboard operators, class B	57	3.28	-	-	-	-	-	-	-	-	-	-	-	-	4	4	1	23	5	20	-	-	-	-	-	-	-	-	
Troublemakers	569	3.59	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	4	8	68	477	-	-	-	-	-	-	-	
Truckdriver-groundmen	422	2.94	-	-	-	-	-	-	-	4	-	47	351	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Turbine operators	127	3.22	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	8	44	26	5	12	-	-	-	-	-	-	
Watch engineers	82	4.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	12	13	54		
<u>Gas</u>																													
Compressor operators	161	3.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	19	14	17	50	60	-	-	-	-	-	-	
Gas-main fitters	407	3.13	-	-	-	-	-	-	-	-	-	-	-	-	9	61	31	67	239	-	-	-	-	-	-	-	-	-	
Gas-main fitters' helpers	771	2.62	-	-	-	25	45	24	25	86	186	373	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inspectors	27	3.04	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	16	2	-	-	-	-	-	-	-	-	-	
Installers, gasmeter	875	3.13	-	-	-	-	-	13	14	20	30	39	121	18	19	74	20	507	-	-	-	-	-	-	-	-	-	-	
Laborers, main installation and service	572	2.51	-	-	-	-	39	102	56	331	21	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Meter repairmen, gas transmission	60	3.27	-	-	-	-	-	-	-	-	-	-	-	-	1	6	8	23	-	22	-	-	-	-	-	-	-	-	
Oilers	128	2.86	-	-	-	-	2	3	5	4	2	18	2	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pipeline leadmen	132	3.27	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	1	5	52	-	5	-	-	-	-	-	-	
Repairmen, gasmeter	162	3.11	-	-	-	-	-	-	-	-	4	4	2	9	48	-	-	95	-	-	-	-	-	-	-	-	-	-	
Servicemen, gas appliances	980	3.15	-	-	-	-	-	-	-	-	26	20	20	9	69	111	137	584	4	-	-	-	-	-	-	-	-	-	
Servicemen, regulator	103	3.32	-	-	-	-	-	-	-	-	-	-	-	-	-	13	2	20	54	14	-	-	-	-	-	-	-	-	
Welders	114	3.07	-	-	-	-	-	-	-	-	-	-	30	-	11	-	57	-	6	10	-	-	-	-	-	-	-	-	
<u>Miscellaneous</u>																													
Electricians, maintenance	452	3.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	386	65	-	-	-	-	-	-	-	
Janitors, porters, or cleaners	294	2.32	5	-	15	4	10	29	91	13	55	70	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Machinists, maintenance	190	3.49	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	5	1	165	16	2	-	-	-	-	-	
Mechanics, automotive (maintenance)	248	3.29	-	-	-	-	-	-	-	-	1	1	-	-	13	19	30	28	133	21	-	2	-	-	-	-	-	-	

See footnotes at end of table.

Table 26. Occupational Earnings: All Systems—Physical Workers—Pacific—Continued

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																								
			Under \$1.70	\$1.70 and under \$1.80	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.60	\$3.80	\$4.00	\$4.20	\$4.40 and over	
<b>Men—Continued</b>																											
<b>Miscellaneous—Continued</b>																											
Mechanics, maintenance _____	76	\$3.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	11	19	2	28	-	-	-	-
Meter readers _____	1,272	2.75	-	-	-	-	2	16	44	128	138	104	160	245	434	-	-	-	-	-	-	-	-	-	-	-	-
Stock clerks _____	383	2.86	-	-	-	-	3	4	8	6	2	20	22	59	236	14	3	5	1	-	-	-	-	-	-	-	-
Truckdrivers <sup>4</sup> _____	313	2.88	-	-	-	-	-	-	-	-	4	4	21	51	199	5	-	3	1	-	-	-	-	-	-	-	-
Light (under 1½ tons) _____	85	2.86	-	-	-	-	-	-	-	-	-	-	5	8	22	50	-	-	-	-	-	-	-	-	-	-	-
Medium (1½ to and including 4 tons) _____	93	2.92	-	-	-	-	-	-	-	-	-	-	-	31	3	57	2	-	-	-	-	-	-	-	-	-	-
Heavy (over 4 tons) _____	130	2.86	-	-	-	-	-	-	-	-	4	4	16	12	-	87	3	-	3	1	-	-	-	-	-	-	
<b>Women</b>																											
<b>Miscellaneous</b>																											
Janitors, porters, or cleaners _____	59	1.72	<sup>5</sup> 24	13	-	-	7	2	9	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. All workers were paid on a time basis.  
<sup>2</sup> Workers were distributed as follows: 12 at \$4.40 to \$4.60; 8 at \$4.60 to \$4.80; 12 at \$4.80 to \$5; 1 at \$5 to \$5.20; and 3 at \$5.20 to \$5.40.  
<sup>3</sup> Workers were distributed as follows: 8 at \$4.40 to \$4.60; 15 at \$4.60 to \$4.80; and 31 at \$4.80 to \$5.  
<sup>4</sup> Includes all drivers regardless of size and type of truck operated.  
<sup>5</sup> Workers were distributed as follows: 12 at \$1.10 to \$1.20; 4 at \$1.20 to \$1.30; 4 at \$1.30 to \$1.40; and 4 at \$1.50 to \$1.60.

Table 27. Occupational Earnings: Electric Systems—Physical Workers

(Number and average straight-time hourly earnings<sup>1</sup> of men in selected occupations in electric systems, United States and selected regions, July 1962)

Occupation	United States <sup>2</sup>		New England		Middle Atlantic		Southeast		Southwest		Great Lakes		Middle West		Mountain		Pacific	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
Auxiliary-equipment operators, electric -----	2,706	\$2.74	183	\$2.75	149	\$2.80	704	\$2.55	381	\$2.46	946	\$2.94	179	\$2.95	-	-	35	\$3.18
Boiler operators -----	2,038	3.09	248	3.15	300	3.20	204	3.17	236	2.73	647	3.23	130	3.33	53	\$2.50	-	-
Control-room operators -----	1,231	3.42	103	3.45	98	3.61	323	3.27	156	2.90	332	3.59	79	3.89	-	-	78	3.75
Control-room operator assistants -----	743	3.11	-	-	-	-	143	2.90	74	2.80	239	3.25	-	-	-	-	-	-
District representatives -----	1,456	3.05	-	-	-	-	620	3.08	110	2.77	238	3.13	108	3.02	29	3.20	-	-
Electricians, maintenance -----	3,010	3.35	315	3.10	321	3.38	462	3.14	334	3.09	996	3.52	-	-	40	3.18	-	-
Groundmen -----	4,103	2.23	227	2.35	344	2.37	1,066	2.06	932	1.97	498	2.43	208	2.60	104	2.11	476	2.66
Guards -----	478	2.32	-	-	51	2.59	35	1.86	-	-	152	2.58	-	-	-	-	-	-
Janitors, porters, or cleaners -----	2,309	1.94	235	2.16	248	2.19	377	1.55	478	1.41	545	2.35	165	2.26	39	1.81	87	2.24
Linemen, journeymen -----	12,088	3.29	1,316	3.07	1,458	3.41	2,009	3.17	1,597	3.00	2,747	3.45	650	3.48	341	3.15	1,370	3.58
Load dispatchers -----	701	4.02	82	4.13	118	4.24	126	3.66	87	3.69	118	4.42	54	3.57	34	3.65	48	4.36
Machinists, maintenance -----	602	3.43	41	3.24	49	3.44	43	3.31	67	3.02	185	3.52	-	-	-	-	-	-
Mechanics, automotive -----	1,085	3.03	97	2.89	128	3.04	171	2.96	118	2.69	290	3.19	83	3.22	-	-	89	3.29
Mechanics, maintenance -----	2,376	3.24	159	3.00	166	3.35	400	3.18	273	2.96	1,051	3.42	82	3.38	41	3.07	-	-
Meter readers -----	4,093	2.46	473	2.36	499	2.60	736	2.46	598	1.90	907	2.71	-	-	80	2.15	374	2.64
Metermen, class A -----	1,387	3.18	163	2.92	160	3.31	224	3.19	281	3.00	270	3.37	83	3.45	41	3.07	65	3.57
Metermen, class B -----	1,067	2.85	233	2.64	161	2.80	96	2.77	69	2.41	395	3.04	16	2.80	-	-	55	3.45
Patrolmen -----	274	2.92	33	2.71	40	2.90	31	3.06	112	2.86	25	3.19	-	-	-	-	15	3.43
Pipefitters, maintenance -----	242	3.55	-	-	17	3.48	-	-	-	-	160	3.55	-	-	-	-	-	-
Servicemen, electrical appliances -----	1,691	2.95	307	2.73	48	2.98	315	3.12	66	2.45	-	-	77	2.77	17	2.92	-	-
Stock clerks -----	1,593	2.63	215	2.60	108	2.65	171	2.68	258	2.22	590	2.77	72	2.58	31	2.37	108	2.88
Substation operators -----	1,557	3.20	292	3.01	156	3.12	186	2.69	82	2.50	656	3.50	79	3.45	21	2.75	50	3.51
Switchboard operators, class A -----	1,317	3.19	236	2.86	110	3.44	248	3.07	121	2.95	286	3.49	-	-	126	2.86	-	-
Switchboard operators, class B -----	440	2.90	121	2.90	-	-	35	2.51	37	2.33	88	3.22	57	3.26	55	2.38	-	-
Troublemakers -----	3,071	3.24	168	3.45	204	3.58	351	3.23	813	2.92	726	3.53	172	3.60	-	-	183	3.61
Truckdriver-groundmen -----	2,971	2.61	261	2.60	442	2.71	649	2.41	270	2.35	654	2.69	-	-	-	-	373	2.95
Truckdrivers -----	1,489	2.54	51	2.77	76	2.62	139	2.32	550	2.32	295	2.79	153	2.82	132	2.58	-	-
Light (under 1½ tons) -----	110	2.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	2.79
Medium (1½ to and including 4 tons) -----	847	2.47	34	2.71	-	-	-	-	427	2.33	134	2.76	-	-	116	2.58	-	-
Heavy (over 4 tons) -----	359	2.71	-	-	11	2.80	-	-	104	2.35	39	2.84	-	-	-	-	-	-
Turbine operators -----	1,184	3.18	125	3.01	110	3.19	185	3.04	172	3.14	376	3.33	113	3.30	-	-	34	3.27
Watch engineers -----	1,167	3.88	111	4.26	54	4.71	227	3.85	319	3.27	156	4.66	48	4.02	40	3.44	62	4.54

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for the Border States region in addition to regions shown separately.<sup>3</sup> Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.



Table 28. Occupational Earnings: Gas Transmission Systems—Physical Workers

(Number and average straight-time hourly earnings<sup>1</sup> of men in selected occupations in gas transmission systems, United States and the Southwest region, July 1962)

Occupation	United States <sup>2</sup>		Southwest	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
Auxiliary-equipment operators, gas transmission .....	472	\$2.82	-	-
Compressor operators .....	2,151	2.95	957	\$2.90
Corrosion technicians .....	70	2.95	18	2.83
Electricians, maintenance .....	111	3.21	52	3.19
Gas dispatchers .....	167	2.88	125	2.82
Janitors, porters, or cleaners .....	160	1.56	93	1.58
Machinists, maintenance .....	97	3.10	47	3.07
Mechanics, automotive (maintenance) .....	72	2.98	31	2.89
Mechanics, maintenance .....	497	2.86	284	2.70
Meter repairmen, gas transmission .....	444	2.89	219	2.76
Oilers .....	2,462	2.62	514	2.54
Pipeline leadmen .....	131	2.84	64	2.70
Pipeline repairmen .....	1,549	2.50	615	2.44
Radio technicians .....	63	3.06	-	-
Roustabouts .....	1,403	2.23	851	2.24
Stock clerks .....	164	2.51	96	2.66
Truckdrivers <sup>3</sup> .....	586	2.69	336	2.66
Light (under 1½ tons) .....	91	2.60	-	-
Medium (1½ to and including 4 tons) .....	300	2.62	174	2.56
Heavy (over 4 tons) .....	100	2.86	27	2.95
Welders .....	328	3.17	136	3.05

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for regions in addition to the Southwest.<sup>3</sup> Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 29. Occupational Earnings: Other Gas Systems—Physical Workers

(Number and average straight-time hourly earnings<sup>1</sup> of men in selected occupations in gas systems (except transmission), United States and regions, July 1962)

Occupation	United States		New England		Middle Atlantic		Border States		Southeast		Southwest		Great Lakes		Middle West		Mountain		Pacific	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
Boiler operators	151	\$2.79	52	\$2.63	50	\$2.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Compressor operators	1,098	2.80	-	-	418	2.78	-	-	-	-	-	-	195	\$2.94	-	-	-	-	-	-
Corrosion technicians	68	2.68	-	-	14	2.87	-	-	-	-	-	20	\$2.20	-	-	-	-	-	-	-
Drip pumps	61	2.63	14	2.51	26	2.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Electricians, maintenance	79	3.03	11	2.75	32	2.89	-	-	-	-	-	-	21	3.21	-	-	-	-	-	-
Gas dispatchers	195	2.89	28	3.04	42	2.77	35	\$2.89	29	\$2.57	-	-	-	-	22	\$3.05	-	-	-	-
Gas-main fitters	3,975	2.70	183	2.56	1,321	2.59	-	-	156	2.48	326	2.01	1,321	2.94	307	2.80	64	\$3.10	158	\$3.04
Gas-main fitters' helpers	2,541	2.35	145	2.54	741	2.36	-	-	146	1.74	351	1.75	510	2.66	205	2.65	32	2.41	256	2.50
Gasmakers	115	2.92	41	2.68	-	-	-	-	-	-	-	-	42	3.20	-	-	-	-	-	-
Guards	39	2.38	-	-	-	-	-	-	-	-	-	-	25	2.24	-	-	-	-	-	-
Inspectors	310	2.93	-	-	38	2.69	-	-	-	-	-	-	178	2.97	-	-	-	-	-	-
Installers, gasmeter	1,986	2.64	90	2.68	157	2.71	-	-	-	-	388	2.30	675	2.81	125	2.77	59	2.81	-	-
Janitors, porters, or cleaners	840	2.02	62	2.32	179	2.13	80	1.96	91	1.59	136	1.40	174	2.39	52	2.27	-	-	31	2.45
Laborers, gas plant	141	2.09	26	2.27	79	2.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laborers, main installation and service	4,250	1.92	149	2.29	711	2.09	349	2.03	703	1.42	1,167	1.50	759	2.54	-	-	-	-	-	-
Leak locators, gas	171	2.70	-	-	56	2.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Machinists, maintenance	99	3.11	9	2.81	29	3.00	-	-	-	-	6	2.78	25	3.20	-	-	-	-	9	3.42
Mechanics, automotive (maintenance)	557	2.94	39	2.78	79	2.84	38	3.04	34	2.69	47	2.41	239	3.08	32	3.15	-	-	33	2.99
Mechanics, maintenance	163	2.84	-	-	24	2.94	-	-	-	-	-	-	31	2.94	-	-	-	-	-	-
Meter readers	3,192	2.46	218	2.53	860	2.39	173	2.45	242	2.17	254	1.76	875	2.66	216	2.73	84	2.23	270	2.75
Pipefitters, maintenance	71	2.80	10	2.76	25	2.90	-	-	-	-	-	-	19	3.14	-	-	-	-	-	-
Repairmen, gasmeter	1,178	2.74	52	2.67	324	2.74	57	2.51	110	2.63	147	2.26	299	3.01	119	2.81	-	-	37	3.01
Repairmen helpers, gasmeter	210	2.32	8	2.31	45	2.27	-	-	23	1.83	36	1.96	-	-	-	-	-	-	-	-
Servicemen, gas appliances	7,943	2.89	676	2.79	1,654	2.83	-	-	723	2.61	698	2.32	2,242	3.10	521	2.84	199	2.69	905	3.18
Servicemen, regulator	365	2.90	12	2.73	160	2.81	-	-	17	2.70	29	2.49	67	3.06	-	-	-	-	-	-
Stock clerks	746	2.58	56	2.57	116	2.50	26	2.42	46	2.35	77	2.06	248	2.79	68	2.63	31	2.25	78	2.82
Truckdrivers <sup>2</sup>	778	2.65	21	2.55	198	2.64	-	-	-	-	80	1.95	219	2.91	96	2.86	-	-	26	2.92
Medium (1½ to and including 4 tons)	349	2.65	-	-	61	2.56	-	-	-	-	51	1.89	146	2.88	-	-	-	-	-	-
Heavy (over 4 tons)	188	2.76	-	-	60	2.67	-	-	-	-	-	-	73	2.95	-	-	-	-	-	-
Welders	317	2.82	-	-	60	2.92	46	3.05	-	-	89	2.36	-	-	-	-	-	-	-	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 30. Occupational Earnings: Combination Systems—Physical Workers

(Number and average straight-time hourly earnings<sup>1</sup> of men in selected occupations in combination systems (electric and gas), United States and selected regions, July 1962)

Occupation	United States <sup>2</sup>		New England		Middle Atlantic		Border States		Southwest		Great Lakes		Middle West		Mountain		Pacific	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
<b>Electricity</b>																		
Auxiliary-equipment operators, electric -----	1,766	\$2.85	64	\$2.99	850	\$2.89	207	\$2.70	51	\$2.64	283	\$2.94	126	\$2.56	89	\$2.73	95	\$3.12
Boiler operators -----	1,227	3.11	98	3.19	318	3.28	181	3.03	-	-	271	3.22	226	2.78	22	2.95	71	3.12
Control-room operators -----	703	3.61	-	-	249	3.84	36	3.72	-	-	135	3.46	63	3.10	-	-	-	-
Control-room operator assistants -----	381	3.26	-	-	67	3.50	-	-	-	-	184	3.22	-	-	-	-	-	-
District representatives -----	650	3.24	-	-	-	-	-	-	-	-	123	3.24	189	2.90	98	3.45	42	3.64
Groundmen -----	2,387	2.37	-	-	572	2.37	-	-	173	2.18	341	2.52	173	2.24	217	2.36	-	-
Linemen, journeymen -----	7,997	3.39	-	-	2,541	3.61	539	3.19	242	3.21	2,022	3.40	998	2.96	387	3.38	-	-
Load dispatchers -----	408	3.96	-	-	141	4.19	32	4.33	14	3.42	113	3.78	47	3.35	21	3.94	-	-
Metermen, class A -----	1,341	3.32	77	3.21	596	3.50	58	3.20	55	3.18	270	3.20	129	2.88	37	3.31	112	3.45
Metermen, class B -----	920	2.91	45	2.86	408	2.96	58	2.67	-	-	273	2.89	33	2.64	-	-	-	-
Patrolmen -----	170	3.03	-	-	48	3.19	-	-	-	-	35	3.00	-	-	-	-	-	-
Servicemen, electrical appliances -----	777	3.03	82	3.18	-	-	-	-	-	-	298	3.06	145	2.71	-	-	-	-
Substation operators -----	1,163	3.30	-	-	457	3.52	-	-	-	-	209	2.95	-	-	-	-	-	-
Switchboard operators, class A -----	714	3.35	26	3.55	183	3.57	90	3.19	-	-	178	3.21	32	3.05	61	3.11	123	3.54
Switchboard operators, class B -----	249	3.02	23	3.11	60	3.22	-	-	-	-	91	2.92	-	-	-	-	-	-
Troublemakers -----	2,147	3.48	80	3.60	654	3.68	258	3.37	206	3.11	311	3.49	173	3.10	76	3.33	-	-
Truckdriver-groundmen -----	1,985	2.70	58	2.74	762	2.84	-	-	58	2.50	648	2.71	269	2.47	-	-	-	-
Turbine operators -----	725	3.11	51	3.06	142	3.37	-	-	-	-	140	3.26	184	2.85	-	-	93	3.21
Watch engineers -----	822	4.08	50	4.57	285	4.34	97	4.15	36	4.22	141	4.05	96	3.16	77	3.77	-	-
<b>Gas</b>																		
Gas dispatchers -----	106	3.29	-	-	27	3.60	19	3.59	-	-	-	-	18	2.70	17	3.00	-	-
Gas-main fitters -----	3,527	2.93	-	-	1,000	3.00	216	2.46	-	-	1,458	2.97	363	2.73	103	2.85	-	-
Gas-main fitters' helpers -----	1,696	2.56	25	2.50	459	2.60	-	-	-	-	403	2.64	61	2.28	-	-	-	-
Gasmakers -----	143	3.07	15	3.08	101	3.11	-	-	-	-	-	-	-	-	-	-	-	-
Installers, gasmeter -----	1,544	3.03	-	-	285	2.96	194	2.72	-	-	217	2.91	48	2.62	75	3.03	-	-
Laborers, main installation and service -----	2,074	2.23	-	-	590	2.23	225	1.94	82	1.67	426	2.32	138	2.10	78	2.25	-	-
Repairmen, gasmeter -----	775	2.99	17	2.86	273	3.13	58	2.72	33	2.57	174	2.94	55	2.69	32	3.04	-	-
Repairmen helpers, gasmeter -----	260	2.54	-	-	109	2.70	-	-	-	-	20	2.54	-	-	-	-	-	-
Servicemen, gas appliances -----	3,032	3.10	171	3.06	1,045	3.12	-	-	33	2.83	1,173	3.21	203	2.74	-	-	-	-
Servicemen, regulator -----	352	3.16	-	-	-	-	-	-	-	-	170	3.18	15	2.95	-	-	-	-
Welders -----	447	3.22	-	-	157	3.32	-	-	-	-	-	-	-	-	-	-	-	-
<b>Miscellaneous</b>																		
Electricians, maintenance -----	1,373	3.39	140	3.32	308	3.59	98	3.11	53	3.16	350	3.42	98	3.08	123	3.34	-	-
Guards -----	193	2.43	-	-	100	2.51	24	2.05	-	-	35	2.45	-	-	-	-	-	-
Janitors, porters, or cleaners -----	2,198	2.21	91	2.48	803	2.30	194	1.87	128	1.79	609	2.32	138	1.76	-	-	174	2.34
Machinists, maintenance -----	454	3.41	-	-	156	3.66	55	3.11	-	-	69	3.39	28	3.04	-	-	-	-
Mechanics, automotive (maintenance) -----	1,198	3.19	59	3.12	451	3.37	92	2.91	-	-	336	3.07	23	2.70	55	3.14	-	-
Mechanics, maintenance -----	1,181	3.26	121	3.27	-	-	157	3.21	99	3.19	337	3.20	119	2.85	-	-	-	-
Meter readers -----	4,844	2.60	181	2.57	1,467	2.66	408	2.43	180	2.32	1,370	2.65	330	2.29	245	2.48	-	-
Pipefitters, maintenance -----	263	3.31	-	-	-	-	72	2.85	-	-	-	-	-	-	-	-	-	-
Stock clerks -----	1,722	2.73	62	2.64	626	2.81	127	2.49	51	2.37	499	2.75	89	2.47	53	2.69	-	-
Truckdrivers <sup>3</sup> -----	1,850	2.74	-	-	-	-	-	-	-	-	320	2.68	-	-	-	217	2.87	-
Light (under 1½ tons) -----	107	2.69	-	-	9	2.63	-	-	-	-	32	2.52	-	-	-	-	-	-
Medium (1½ to and including 4 tons) -----	601	2.69	-	-	74	2.77	-	-	-	-	-	-	-	-	-	-	-	-
Heavy (over 4 tons) -----	294	2.71	-	-	72	2.92	-	-	-	-	-	-	-	-	8	2.77	85	2.82

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for the Southeast region in addition to regions shown separately.<sup>3</sup> Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 31. Occupational Earnings: All Systems—Office Workers—United States and Regions

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, United States and regions, July 1962)

Occupation and sex	United States		New England		Middle Atlantic		Border States		Southeast		Southwest		Great Lakes		Middle West		Mountain		Pacific	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
<b>Men</b>																				
Cashiers _____	280	\$2.56	-	-	117	\$2.79	-	-	39	\$2.59	49	\$1.94	24	\$2.65	-	-	-	-	-	-
Clerks, accounting, class A _____	2,276	2.82	81	\$2.71	234	3.09	146	\$2.63	203	2.74	754	2.74	459	2.96	180	\$2.64	107	\$2.68	112	\$3.05
Clerks, accounting, class B _____	1,358	2.37	53	2.19	253	2.86	81	1.89	176	2.39	456	2.20	184	2.34	75	2.16	14	2.28	66	2.79
Clerks, payroll _____	238	2.66	11	2.71	53	2.94	13	2.51	-	-	68	2.28	42	2.79	12	2.57	-	-	28	3.04
Duplicating-machine operators (Mimeograph or Ditto) _____	69	1.96	-	-	-	-	-	-	-	-	18	1.73	26	2.06	-	-	-	-	-	-
Office boys _____	535	1.58	40	1.48	68	1.76	68	1.52	45	1.58	131	1.37	89	1.81	47	1.57	22	1.53	25	1.84
Tabulating-machine operators, class A _____	478	3.02	20	2.87	132	3.15	19	2.82	25	2.82	60	2.83	123	3.07	47	2.87	10	2.95	42	3.23
Tabulating-machine operators, class B _____	967	2.55	57	2.30	197	2.72	67	2.36	49	2.26	124	2.29	234	2.59	68	2.42	21	2.57	150	2.81
Tabulating-machine operators, class C _____	398	2.13	16	2.25	119	2.17	-	-	24	1.70	48	1.73	84	2.08	29	2.27	9	2.40	42	2.44
<b>Women</b>																				
Billers, machine (billing machine) _____	389	1.75	29	1.66	36	2.20	-	-	81	1.84	63	1.68	64	1.79	58	1.47	6	2.02	-	-
Bookkeeping-machine operators, class B _____	120	2.00	-	-	24	2.25	-	-	-	-	11	1.69	35	2.02	14	1.75	-	-	-	-
Cashiers _____	4,171	1.90	274	2.08	463	2.32	257	1.88	590	2.03	769	1.54	784	2.08	528	1.60	155	1.89	351	1.88
Clerks, accounting, class A _____	1,382	2.53	171	2.25	74	2.80	85	2.33	269	2.83	169	2.49	406	2.40	84	2.40	54	2.58	70	2.95
Clerks, accounting, class B _____	3,651	1.95	459	1.97	258	2.37	-	-	496	2.13	805	1.78	860	1.90	450	1.84	85	1.95	112	2.47
Clerks, file, class A _____	186	2.52	9	2.49	40	2.67	10	2.12	-	-	12	2.34	38	2.39	16	1.85	10	1.75	-	-
Clerks, file, class B _____	450	2.00	13	1.90	73	2.11	22	1.80	23	1.63	59	1.76	170	2.03	26	1.69	-	-	54	2.51
Clerks, file, class C _____	444	1.92	-	-	66	1.84	-	-	-	-	-	-	69	1.52	-	-	-	-	-	-
Clerks, order _____	233	2.06	45	2.09	-	-	-	-	-	-	-	-	163	2.02	-	-	-	-	-	-
Clerks, payroll _____	610	2.30	74	2.29	107	2.52	63	2.00	52	2.22	52	2.14	146	2.20	61	2.07	-	-	51	3.03
Comptometer operators _____	389	2.22	-	-	26	2.44	43	2.02	16	2.06	85	1.90	91	2.32	39	1.91	12	2.29	74	2.66
Duplicating-machine operators (Mimeograph or Ditto) _____	76	1.89	-	-	11	1.80	6	1.66	-	-	11	1.83	16	1.88	15	1.67	-	-	13	2.45
Keypunch operators, class A _____	1,148	2.29	64	2.19	281	2.41	85	2.06	72	2.23	158	1.99	274	2.29	32	1.85	-	-	150	2.62
Keypunch operators, class B _____	1,416	1.94	130	1.91	380	1.92	38	1.64	81	1.70	126	1.66	288	1.90	127	1.94	43	1.82	203	2.42
Office girls _____	430	1.56	13	1.33	160	1.63	-	-	16	1.41	48	1.32	111	1.69	9	1.43	27	1.41	23	1.64
Secretaries _____	4,362	2.71	365	2.60	754	2.99	382	2.63	339	2.64	902	2.43	798	2.83	376	2.62	109	2.62	337	2.94
Stenographers, general _____	5,011	2.02	185	1.97	890	2.20	343	1.90	512	1.98	1,008	1.77	1,145	2.15	435	1.83	209	2.02	284	2.40
Stenographers, senior _____	2,589	2.38	163	2.42	303	2.54	90	2.06	218	2.57	533	2.09	653	2.40	241	2.33	99	2.26	289	2.71
Switchboard operators _____	1,524	2.15	120	2.18	376	2.16	76	1.89	102	2.08	228	1.76	325	2.24	91	2.04	58	1.98	148	2.49
Switchboard operator-receptionists _____	167	1.82	9	1.99	14	1.99	29	1.92	15	1.64	43	1.78	26	1.96	21	1.46	-	-	9	1.98
Tabulating-machine operators, class A _____	55	3.01	-	-	20	3.04	-	-	-	-	-	-	12	2.91	9	3.26	-	-	-	-
Tabulating-machine operators, class B _____	221	2.50	19	2.51	35	2.69	18	2.12	23	2.33	20	2.14	59	2.51	23	2.73	8	2.49	16	2.76
Tabulating-machine operators, class C _____	100	2.07	-	-	-	-	-	-	-	-	-	-	50	2.03	14	2.09	-	-	8	2.22
Transcribing-machine operators, general _____	58	2.11	-	-	6	2.16	-	-	-	-	-	-	21	2.06	-	-	-	-	-	-
Typists, class A _____	1,276	2.11	40	2.34	203	2.53	119	1.83	28	2.07	277	1.80	377	2.08	37	1.93	74	2.02	121	2.50
Typists, class B _____	1,951	1.77	116	1.86	492	1.90	182	1.67	53	1.73	343	1.52	498	1.79	99	1.69	81	1.79	87	2.00

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 32. Occupational Earnings: All Systems—Office Workers—New England

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																	
			Under \$1.30	\$1.30 and under \$1.40	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.70	\$2.90	\$3.10	\$3.30 and over
<u>Men</u>																				
Clerks, accounting, class A -----	81	\$2.71	-	-	-	-	-	-	-	1	3	2	5	8	4	8	26	10	8	6
Clerks, accounting, class B -----	53	2.19	-	-	2	2	-	2	1	-	16	2	1	4	23	-	-	-	-	-
Clerks, payroll -----	11	2.71	-	-	-	-	-	-	-	-	2	-	-	-	2	-	1	6	-	-
Office boys -----	40	1.48	<sup>2</sup> 5	7	8	15	4	-	-	-	-	1	-	-	-	-	-	-	-	-
Switchboard operators -----	8	2.18	-	-	-	-	-	-	-	4	-	-	-	-	3	1	-	-	-	-
Tabulating-machine operators, class A -----	20	2.87	-	-	-	-	-	-	-	-	-	-	-	-	1	6	6	1	3	3
Tabulating-machine operators, class B -----	57	2.30	-	-	1	3	-	2	5	1	5	3	9	10	5	3	2	8	-	-
Tabulating-machine operators, class C -----	16	2.25	-	-	-	2	1	-	2	1	1	-	-	1	1	2	5	-	-	-
<u>Women</u>																				
Billers, machine (billing machine) -----	29	1.66	2	6	5	3	-	-	5	-	8	-	-	-	-	-	-	-	-	-
Cashiers -----	274	2.08	-	-	12	10	11	15	29	18	78	33	19	9	5	17	16	2	-	-
Clerks, accounting, class A -----	171	2.25	-	-	-	-	2	2	3	54	15	16	23	8	9	16	13	7	3	-
Clerks, accounting, class B -----	459	1.97	-	13	18	21	25	28	79	40	131	19	27	24	29	5	-	-	-	-
Clerks, file, class A -----	9	2.49	-	-	-	-	-	-	-	1	-	2	2	-	2	1	1	-	-	-
Clerks, file, class B -----	13	1.90	-	-	1	-	-	4	1	4	2	-	-	-	1	-	-	-	-	-
Clerks, order -----	45	2.09	-	-	1	2	1	2	2	4	12	9	3	2	5	1	-	1	-	-
Clerks, payroll -----	74	2.29	-	-	-	-	2	3	4	3	8	9	8	14	6	9	3	4	1	-
Keypunch operators, class A -----	64	2.19	-	-	-	-	-	2	2	6	21	5	15	-	5	6	2	-	-	-
Keypunch operators, class B -----	130	1.91	7	8	6	6	12	17	13	8	5	13	9	4	22	-	-	-	-	-
Office girls -----	13	1.33	<sup>3</sup> 7	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Secretaries -----	365	2.60	-	-	-	-	-	2	3	6	37	13	18	29	43	72	64	42	19	17
Stenographers, general -----	185	1.97	-	-	12	8	6	14	20	30	29	33	23	6	1	3	-	-	-	-
Stenographers, senior -----	163	2.42	-	-	-	-	3	4	2	2	11	9	14	45	17	20	23	11	2	-
Switchboard operators -----	120	2.18	-	-	1	2	-	4	10	9	29	5	17	10	19	11	1	2	-	-
Switchboard operator-receptionists -----	9	1.99	-	-	-	-	-	-	2	4	-	2	1	-	-	-	-	-	-	-
Tabulating-machine operators, class B -----	19	2.51	-	-	-	-	-	-	-	-	-	-	3	7	3	1	2	2	1	-
Typists, class A -----	40	2.34	-	-	-	-	2	-	-	-	-	6	5	13	9	3	1	1	-	-
Typists, class B -----	116	1.86	4	3	6	5	17	15	7	4	26	28	1	-	-	-	-	-	-	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Workers were distributed as follows: 1 at \$1.10 to \$1.20; and 4 at \$1.20 to \$1.30.<sup>3</sup> Workers were distributed as follows: 1 at \$1.10 to \$1.20; and 6 at \$1.20 to \$1.30.

Table 33. Occupational Earnings: All Systems—Office Workers—Middle Atlantic

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																									
			Under \$1.50	\$1.50 and under \$1.60	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.60	\$3.80	\$4.00 and over		
<u>Men</u>																												
Cashiers	117	\$ 2.79	-	-	-	-	-	-	2	4	7	2	3	3	7	5	45	25	6	8	-	-	-	-	-	-	-	-
Clerks, accounting, class A	234	3.09	-	-	1	1	-	1	-	2	4	9	4	5	11	10	31	20	60	37	5	13	9	9	2	-	-	
Clerks, accounting, class B	253	2.86	-	4	2	4	2	2	5	3	7	8	5	9	15	23	9	114	1	30	1	-	-	-	-	-	-	
Clerks, file, class B	11	2.39	-	1	-	-	-	-	2	2	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	
Clerks, payroll	53	2.94	-	-	-	-	-	-	-	1	-	4	1	1	6	15	10	2	4	4	2	1	1	1	1	-	-	
Office boys	68	1.76	<sup>2</sup> 13	12	12	14	3	4	-	1	1	2	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class A	132	3.15	-	-	-	-	-	-	-	-	-	-	1	1	4	4	23	29	44	10	-	6	-	6	4	-	-	
Tabulating-machine operators, class B	197	2.72	-	-	-	-	-	1	3	8	11	20	22	25	8	73	11	4	-	3	-	3	5	-	-	-	-	
Tabulating-machine operators, class C	119	2.17	1	-	3	8	4	4	17	1	63	12	-	1	3	2	-	-	-	-	-	-	-	-	-	-	-	
Typists, class B	12	1.95	-	-	2	-	-	9	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
<u>Women</u>																												
Billers, machine (billing machine)	36	2.20	-	-	3	-	3	6	-	4	12	1	2	1	-	-	4	-	-	-	-	-	-	-	-	-	-	-
Bookkeeping-machine operators, class B	24	2.25	<sup>3</sup> 8	-	-	-	1	1	1	-	-	4	1	1	-	-	1	3	-	1	1	1	1	1	1	1	1	
Cashiers	463	2.32	22	7	21	9	33	14	30	40	79	11	73	14	16	4	6	32	-	46	6	1	1	1	1	1	1	
Clerks, accounting, class A	74	2.80	-	-	-	2	-	2	2	2	3	3	2	2	15	5	15	8	9	3	-	1	-	-	-	-	-	
Clerks, accounting, class B	258	2.37	1	3	7	1	6	51	21	14	16	20	15	12	24	9	31	3	23	-	-	-	-	-	-	-	-	
Clerks, file, class A	40	2.67	-	-	-	1	-	-	1	1	3	4	-	4	20	-	6	-	1	-	-	-	-	-	-	-	-	
Clerks, file, class B	73	2.11	-	-	3	-	5	13	12	23	1	8	7	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
Clerks, file, class C	66	1.84	4	1	9	29	5	-	1	12	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Clerks, payroll	107	2.52	1	1	-	3	4	1	1	2	17	-	27	6	-	11	20	10	-	1	2	-	-	-	-	-	-	
Comptometer operators	26	2.44	-	-	-	1	2	3	1	4	1	2	2	4	-	2	3	-	-	1	-	-	-	-	-	-	-	
Duplicating-machine operators (Mimeograph or Ditto)	11	1.80	<sup>3</sup> 3	2	-	-	-	1	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Keypunch operators, class A	281	2.41	-	1	1	1	5	3	11	18	23	95	42	9	27	28	14	1	1	-	1	-	-	-	-	-	-	
Keypunch operators, class B	380	1.92	11	12	41	72	41	76	63	21	4	20	1	-	18	-	-	-	-	-	-	-	-	-	-	-	-	
Office girls	160	1.63	12	30	95	15	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secretaries	754	2.99	-	-	-	-	5	6	13	12	21	20	20	35	27	113	75	79	40	101	20	30	42	43	29	23		
Stenographers, general	890	2.20	30	17	23	63	58	59	79	66	108	69	207	34	26	12	3	2	28	5	1	-	-	-	-	-	-	
Stenographers, senior	303	2.54	-	-	2	2	4	20	16	7	12	24	52	37	39	14	31	10	5	22	-	6	-	-	-	-		
Switchboard operators	376	2.16	9	2	3	10	11	18	11	17	52	153	37	28	20	1	1	-	1	-	-	2	-	-	-	-	-	
Switchboard operator-receptionists	14	1.99	-	-	3	1	1	-	1	5	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class A	20	3.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	1	6	2	-	-	-	-	-		
Tabulating-machine operators, class B	35	2.69	-	-	-	-	-	-	-	2	3	2	2	4	1	20	-	1	-	-	-	-	-	-	-	-	-	
Transcribing-machine operators, general	6	2.16	-	-	1	-	-	1	-	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Typists, class A	203	2.53	1	1	-	1	10	12	14	8	13	12	17	2	21	1	88	1	-	-	-	1	-	-	-	-		
Typists, class B	492	1.90	41	41	58	38	82	46	34	77	15	29	24	7	-	-	-	-	-	-	-	-	-	-	-	-	-	

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Workers were distributed as follows: 1 at \$1.10 to \$1.20; 2 at \$1.20 to \$1.30; 5 at \$1.30 to \$1.40; and 5 at \$1.40 to \$1.50.

<sup>3</sup> All workers were at \$1.40 to \$1.50.

Table 34. Occupational Earnings: All Systems—Office Workers—Border States

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings—																	
			Under \$1.30	\$1.30 and under \$1.40	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.70	\$2.90	\$3.10	\$3.30 and over
<u>Men</u>																				
Clerks, accounting, class A .....	146	\$2.63	-	-	-	-	-	1	5	-	3	14	4	7	14	36	26	25	7	4
Clerks, accounting, class B .....	81	1.89	5	-	5	4	11	21	9	2	-	5	5	4	5	4	1	-	-	-
Clerks, payroll .....	13	2.51	-	-	-	-	1	-	-	-	1	1	3	1	2	1	2	1	1	-
Office boys .....	68	1.52	2	24	17	8	3	2	6	1	3	1	-	1	-	-	-	-	-	-
Tabulating-machine operators, class A .....	19	2.82	-	-	-	-	-	-	-	-	-	-	1	1	3	1	6	3	1	3
Tabulating-machine operators, class B .....	67	2.36	-	-	-	1	7	2	1	4	5	1	5	9	2	14	12	4	-	-
<u>Women</u>																				
Cashiers .....	257	1.88	16	17	18	8	19	8	39	17	31	32	42	1	4	5	-	-	-	-
Clerks, accounting, class A .....	85	2.33	-	-	-	-	-	2	1	3	8	14	14	12	14	8	1	6	2	-
Clerks, file, class A .....	10	2.12	-	-	-	-	-	-	2	-	4	2	1	-	-	-	1	-	-	-
Clerks, file, class B .....	22	1.80	1	2	-	1	2	4	4	4	-	2	1	-	1	-	-	-	-	-
Clerks, payroll .....	63	2.00	-	-	3	2	6	8	1	18	7	9	-	4	-	-	2	3	-	-
Comptometer operators .....	43	2.02	-	-	1	5	3	2	5	4	7	8	1	1	-	6	-	-	-	-
Duplicating-machine operators (Mimeograph or Ditto) .....	6	1.66	2	-	-	1	-	-	-	3	-	-	-	-	-	-	-	-	-	-
Keypunch operators, class A .....	85	2.06	-	-	-	11	13	5	9	6	7	10	-	-	2	13	9	-	-	-
Keypunch operators, class B .....	38	1.64	1	9	6	5	3	6	-	1	4	3	-	-	-	-	-	-	-	-
Secretaries .....	382	2.63	-	-	3	3	2	3	6	21	10	17	12	20	37	91	53	64	12	28
Stenographers, general .....	343	1.90	6	22	15	24	28	34	32	32	35	55	37	7	11	5	-	-	-	-
Stenographers, senior .....	90	2.06	-	-	1	3	6	7	9	12	9	14	10	9	4	3	2	1	-	-
Switchboard operators .....	76	1.89	<sup>2</sup> 10	1	5	3	6	5	6	5	11	5	11	2	1	5	-	-	-	-
Switchboard operator-receptionists .....	29	1.92	-	-	-	1	1	9	4	6	3	2	-	3	-	-	-	-	-	-
Tabulating-machine operators, class B .....	18	2.12	-	-	-	-	3	2	-	1	2	1	2	5	-	2	-	-	-	-
Typists, class A .....	119	1.83	-	4	9	14	10	21	13	11	16	8	12	1	-	-	-	-	-	-
Typists, class B .....	182	1.67	<sup>3</sup> 30	28	25	4	8	15	35	7	7	4	9	9	-	1	-	-	-	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Workers were distributed as follows: 4 at \$1.15 to \$1.20; and 6 at \$1.25 to \$1.30.<sup>3</sup> Workers were distributed as follows: 1 at \$1.15 to \$1.20; 7 at \$1.20 to \$1.25; and 22 at \$1.25 to \$1.30.

Table 35. Occupational Earnings: All Systems—Office Workers—Southeast

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																									
			\$1.10 and under	\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.30 and over		
			\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.30	over		
<b>Men</b>																												
Billers, machine (billing machine) -----	11	\$2.00	-	-	-	2	-	2	2	-	-	2	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	
Cashiers -----	39	2.59	-	-	1	-	1	-	1	1	-	2	1	2	5	20	-	-	2	1	1	1	1	1	1	1	1	
Clerks, accounting, class A -----	203	2.74	-	-	-	-	-	1	8	6	6	16	16	13	18	12	4	11	7	41	4	-	22	4	18	-	-	
Clerks, accounting, class B -----	176	2.39	-	-	-	3	7	8	6	16	16	13	18	12	4	11	7	41	4	-	-	-	-	-	-	-	-	
Office boys -----	45	1.58	-	10	5	4	7	4	2	7	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class A -----	25	2.82	-	-	-	-	-	-	-	1	-	2	-	3	-	-	3	3	3	3	3	3	6	1	-	-	-	
Tabulating-machine operators, class B -----	49	2.26	-	-	1	2	2	1	4	2	5	3	4	9	1	1	5	-	-	-	2	7	-	-	-	-	-	
Tabulating-machine operators, class C -----	24	1.70	-	-	3	-	4	12	2	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	
<b>Women</b>																												
Billers, machine (billing machine) -----	81	1.84	-	4	5	12	1	17	4	3	12	1	1	4	6	11	-	-	-	-	-	-	-	-	-	-	-	-
Cashiers -----	590	2.03	20	36	15	21	24	33	60	53	18	46	58	31	39	10	23	56	8	4	25	1	4	4	1	-	-	-
Clerks, accounting, class A -----	269	2.83	-	-	-	-	-	5	-	1	-	3	6	1	15	15	14	17	15	8	121	6	18	-	24	-	-	
Clerks, accounting, class B -----	496	2.13	1	12	8	10	21	35	42	23	27	40	42	43	57	61	7	15	19	32	1	-	-	-	-	-	-	
Clerks, file, class B -----	23	1.63	-	5	-	2	3	9	1	-	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	
Clerks, payroll -----	52	2.22	-	-	4	5	-	5	5	-	3	3	1	4	5	4	2	5	-	1	1	1	1	4	-	-		
Comptometer operators -----	16	2.06	-	-	-	1	-	4	1	-	1	-	3	3	2	1	-	-	-	-	-	-	-	-	-	-	-	
Keypunch operators, class A -----	72	2.23	-	-	-	2	4	2	8	3	8	13	11	4	1	2	3	-	1	9	-	1	-	-	-	-	-	
Keypunch operators, class B -----	81	1.70	2	2	10	16	7	15	2	6	4	5	3	2	-	6	-	-	-	-	-	-	-	-	-	-	-	
Office girls -----	16	1.41	-	2	8	3	2	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secretaries -----	339	2.64	-	-	-	-	-	6	13	30	4	15	19	13	18	17	8	38	15	14	29	15	35	15	35	2	35	
Stenographers, general -----	512	1.98	2	-	23	25	51	47	48	57	41	32	25	29	20	65	18	4	6	19	-	-	-	-	-	-	-	
Stenographers, senior -----	218	2.57	-	-	-	3	-	-	5	21	7	1	18	13	27	14	13	6	14	60	7	5	4	-	-	-	-	
Switchboard operators -----	102	2.08	-	1	-	7	4	1	9	7	11	5	9	16	21	6	1	2	1	1	1	-	-	-	-	-	-	
Switchboard operator-receptionists -----	15	1.64	4	-	-	1	-	2	4	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class B -----	23	2.33	-	-	-	-	-	1	6	-	1	1	2	2	3	-	2	-	1	-	4	-	-	-	-	-	-	
Typists, class A -----	28	2.07	-	-	1	2	-	6	5	-	1	2	1	3	-	1	1	1	-	1	1	1	2	-	-	-	-	
Typists, class B -----	53	1.73	-	3	2	3	16	2	5	2	11	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Workers were distributed as follows: 10 at \$3.30 to \$3.40; 13 at \$3.40 to \$3.50; 5 at \$3.50 to \$3.60; and 7 at \$3.60 and over.



Table 36. Occupational Earnings: All Systems—Office Workers—Southwest

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																									
			\$1.10	\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.40	
			and under																									and over
<b>Men</b>																												
Billers, machine (billing machine) ----	34	\$1.62	6	2	-	14	-	-	2	-	2	2	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Cashiers -----	49	1.94	-	1	2	1	7	8	3	6	1	6	-	-	5	1	2	6	-	-	-	-	-	-	-	-	-	-
Clerks, accounting, class A -----	754	2.74	-	-	-	-	1	1	13	18	16	14	24	23	28	81	62	44	72	143	32	24	36	66	10	46	-	
Clerks, accounting, class B -----	456	2.20	2	4	9	11	13	13	33	28	31	29	40	35	53	12	71	36	21	7	2	-	-	-	-	-	-	
Clerks, file, class B -----	9	1.48	-	2	-	1	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Clerks, payroll -----	68	2.28	-	2	-	4	2	1	2	1	2	11	5	4	6	4	8	1	5	7	-	-	2	-	-	1	-	
Office boys -----	131	1.37	16	55	7	29	14	4	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Duplicating-machine operators (Mimeograph or Ditto) -----	18	1.73	-	2	1	2	3	-	2	1	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class A -----	60	2.83	-	-	-	-	-	-	1	-	1	1	2	3	3	6	9	3	8	2	5	8	-	2	6	-	-	
Tabulating-machine operators, class B -----	124	2.29	-	-	1	-	2	3	4	12	10	9	15	5	8	17	9	8	11	10	-	-	-	-	-	-	-	
Tabulating-machine operators, class C -----	48	1.73	-	6	-	5	3	6	7	7	2	9	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Women</b>																												
Billers, machine (billing machine) ----	63	1.68	-	6	5	7	9	10	5	8	4	1	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Bookkeeping-machine operators, class A -----	21	1.68	-	6	-	-	1	6	-	1	2	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bookkeeping-machine operators, class B -----	11	1.69	-	1	-	1	2	3	-	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cashiers -----	769	1.54	73	113	105	93	79	120	61	44	16	46	7	3	7	-	2	-	-	-	-	-	-	-	-	-	-	
Clerks, accounting, class A -----	169	2.49	-	-	-	-	1	-	-	7	17	4	10	9	8	40	4	28	3	16	10	5	-	2	-	5	-	
Clerks, accounting, class B -----	805	1.78	61	53	52	40	39	52	65	154	34	68	116	36	17	7	5	2	-	4	-	-	-	-	-	-	-	
Clerks, file, class A -----	12	2.34	-	-	-	7	2	5	6	13	7	5	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Clerks, file, class B -----	59	1.76	-	3	5	7	2	1	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Clerks, file, class C -----	26	1.41	4	3	5	9	2	5	4	5	3	8	1	1	4	3	2	4	-	5	2	-	-	-	-	-	-	
Clerks, payroll -----	52	2.14	-	-	-	8	5	4	5	13	10	5	2	7	5	3	-	2	3	-	2	-	-	-	-	-	-	
Comptometer operators -----	85	1.90	-	6	5	8	5	4	-	-	-	-	-	-	-	-	-	2	3	-	2	-	-	-	-	-	-	
Duplicating-machine operators (Mimeograph or Ditto) -----	11	1.83	-	-	1	3	-	2	1	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Keypunch operators, class A -----	158	1.99	-	1	1	5	17	15	28	18	21	23	12	1	5	4	3	3	-	-	-	-	-	-	-	-	-	
Keypunch operators, class B -----	126	1.66	2	17	8	11	12	16	16	18	15	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Office girls -----	48	1.32	2	35	1	3	1	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secretaries -----	902	2.43	-	-	2	10	9	10	22	28	45	65	100	47	99	90	84	52	41	78	38	21	22	13	12	14	-	
Stenographers, general -----	1,008	1.77	-	17	47	90	115	138	166	131	139	78	39	38	6	-	2	1	1	-	-	-	-	-	-	-	-	
Stenographers, senior -----	533	2.09	-	2	4	10	5	2	34	44	94	83	89	51	59	27	16	5	2	4	1	1	-	-	-	-	-	
Switchboard operators -----	228	1.76	3	19	14	16	25	28	16	22	37	7	22	10	7	-	2	-	-	-	-	-	-	-	-	-	-	
Switchboard operator-receptionists ----	43	1.78	-	3	7	1	7	1	5	1	1	7	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class B -----	20	2.14	-	-	-	-	-	-	1	2	-	4	4	5	4	-	-	-	-	-	-	-	-	-	-	-	-	
Typists, class A -----	277	1.80	3	1	12	10	33	71	32	21	23	26	13	21	5	2	1	2	1	-	-	-	-	-	-	-	-	
Typists, class B -----	343	1.52	13	47	57	67	38	51	15	42	8	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

Table 37. Occupational Earnings: All Systems—Office Workers—Great Lakes

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																									
			Under \$1.30	\$1.30 and under \$1.40	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.60		
																												and over
<b>Men</b>																												
Cashiers	24	\$2.65	-	-	-	-	-	-	-	-	-	1	2	3	2	4	5	2	-	-	-	-	-	-	-	-	-	-
Clerks, accounting, class A	459	2.96	-	-	-	-	1	-	6	13	3	-	7	8	35	27	45	78	20	32	71	25	34	43	11	-	-	
Clerks, accounting, class B	184	2.34	-	2	1	4	6	6	1	5	13	10	23	20	30	23	15	11	7	7	-	-	-	-	-	-	-	
Clerks, file, class B	26	2.12	-	-	-	1	-	-	1	-	9	3	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Clerks, payroll	42	2.79	-	-	-	-	-	2	2	2	-	-	-	3	3	3	4	3	3	9	3	-	2	2	1	-	-	
Duplicating-machine operators (Mimeograph or Ditto)	26	2.06	-	-	-	1	3	2	1	7	4	6	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Office boys	89	1.81	-	3	7	13	10	12	3	17	14	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Switchboard operators	22	2.40	-	-	-	-	-	-	-	1	-	-	3	17	-	1	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class A	123	3.07	-	-	-	-	-	-	-	-	-	2	1	4	5	4	8	22	5	9	27	12	3	9	12	-	-	
Tabulating-machine operators, class B	234	2.59	-	-	-	-	2	1	3	9	18	23	22	16	24	28	24	6	25	10	22	-	1	-	-	-	-	
Tabulating-machine operators, class C	84	2.08	-	-	1	2	3	13	13	4	8	8	14	3	4	7	2	2	-	-	-	-	-	-	-	-	-	
<b>Women</b>																												
Billers, machine (billing machine)	64	1.79	-	3	9	5	8	4	18	4	2	3	5	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Bookkeeping-machine operators, class A	25	2.32	-	-	-	-	-	-	-	-	3	7	-	6	4	1	3	-	1	-	-	-	-	-	-	-	-	-
Bookkeeping-machine operators, class B	35	2.02	-	3	2	3	1	2	-	4	2	5	-	5	7	-	1	-	-	-	-	-	-	-	-	-	-	-
Cashiers	784	2.08	23	22	20	59	41	36	36	95	51	57	73	102	60	35	30	12	19	4	-	5	4	-	-	-	-	-
Clerks, accounting, class A	406	2.40	-	-	-	15	-	37	9	16	17	24	36	59	39	17	22	54	13	8	7	28	-	4	1	-	-	
Clerks, accounting, class B	860	1.90	35	46	45	53	108	100	72	55	71	82	61	41	27	42	12	4	6	-	-	-	-	-	-	-	-	
Clerks, file, class A	38	2.39	-	-	-	1	-	3	2	-	1	2	5	5	7	1	2	2	2	2	2	1	-	-	-	-	-	
Clerks, file, class B	170	2.03	-	2	10	6	10	5	10	21	36	10	41	6	8	-	5	-	-	-	-	-	-	-	-	-	-	
Clerks, file, class C	69	1.52	2	34	6	6	10	6	-	-	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Clerks, order	163	2.02	-	6	8	7	3	19	23	10	10	12	39	5	15	5	-	1	-	-	-	-	-	-	-	-	-	
Clerks, payroll	146	2.20	-	-	2	4	10	20	6	6	16	7	15	12	10	4	24	2	4	1	-	-	1	1	1	-	-	
Comptometer operators	91	2.32	-	-	4	-	5	3	-	1	5	7	9	10	9	21	13	3	1	-	-	-	-	-	-	-	-	
Duplicating-machine operators (Mimeograph or Ditto)	16	1.88	-	-	-	1	2	4	2	4	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Keypunch operators, class A	274	2.29	-	-	-	7	3	6	8	15	35	60	31	78	23	4	3	1	-	-	-	-	-	-	-	-	-	
Keypunch operators, class B	288	1.90	5	9	10	13	25	42	46	33	26	38	26	9	4	1	1	-	-	-	-	-	-	-	-	-	-	
Office girls	111	1.69	-	4	32	16	10	17	5	7	11	4	2	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
Secretaries	798	2.83	-	-	-	5	1	5	1	4	8	10	14	55	57	52	111	57	48	82	110	40	48	44	37	9	-	
Stenographers, general	1,145	2.15	-	18	20	20	42	77	69	94	139	134	188	92	50	82	49	63	6	1	1	-	-	-	-	-	-	
Stenographers, senior	653	2.40	-	5	10	-	2	13	19	40	62	127	36	77	70	51	125	3	11	2	-	-	-	-	-	-	-	
Switchboard operators	325	2.24	-	-	4	4	4	5	29	25	27	38	36	46	38	42	17	10	-	-	-	-	-	-	-	-	-	
Switchboard operator-receptionists	26	1.96	-	-	2	3	-	1	6	5	-	1	3	1	2	2	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class A	12	2.91	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	2	4	-	3	-	-	-	-	-	
Tabulating-machine operators, class B	59	2.51	-	-	-	-	-	1	-	-	-	5	2	8	13	10	10	3	3	2	2	-	-	-	-	-	-	
Tabulating-machine operators, class C	50	2.03	-	3	1	2	4	5	1	6	2	7	8	3	6	2	-	-	-	-	-	-	-	-	-	-	-	
Transcribing-machine operators, general	21	2.06	-	-	2	-	6	1	-	-	1	2	1	4	1	1	1	1	-	-	-	-	-	-	-	-	-	
Typists, class A	377	2.08	-	-	-	18	24	78	38	23	24	25	32	26	17	39	14	11	-	8	-	-	-	-	-	-	-	
Typists, class B	498	1.79	-	11	57	54	93	67	54	36	52	26	17	20	11	-	-	-	-	-	-	-	-	-	-	-	-	

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

Table 38. Occupational Earnings: All Systems—Office Workers—Middle West

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																						
			\$1.10 and under \$1.20	\$1.20-\$1.30	\$1.30-\$1.40	\$1.40-\$1.50	\$1.50-\$1.60	\$1.60-\$1.70	\$1.70-\$1.80	\$1.80-\$1.90	\$1.90-\$2.00	\$2.00-\$2.10	\$2.10-\$2.20	\$2.20-\$2.30	\$2.30-\$2.40	\$2.40-\$2.50	\$2.50-\$2.60	\$2.60-\$2.70	\$2.70-\$2.80	\$2.80-\$2.90	\$2.90-\$3.00	\$3.00-\$3.10	\$3.10-\$3.20	\$3.20-\$3.40 and over	
<u>Men</u>																									
Clerks, accounting, class A .....	180	\$2.64	-	-	-	-	-	-	3	1	12	7	5	8	26	23	10	26	15	18	8	10	6	2	
Clerks, accounting, class B .....	75	2.16	-	-	-	1	1	2	3	10	11	4	13	3	7	9	8	-	-	-	-	-	-	-	
Clerks, order .....	13	2.11	-	-	-	-	-	-	-	-	5	1	2	4	-	1	-	-	-	-	-	-	-	-	
Clerks, payroll .....	12	2.57	-	-	-	-	-	-	1	2	-	-	-	-	1	2	2	-	1	-	1	-	1	1	
Office boys .....	47	1.57	1	16	7	3	2	5	2	1	1	-	4	2	3	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class A .....	47	2.87	-	-	-	-	-	-	-	-	-	4	1	2	2	2	5	2	5	3	3	-	10	1	7
Tabulating-machine operators, class B .....	68	2.42	-	-	-	-	2	2	1	7	6	4	6	2	5	5	4	1	5	1	-	2	10	-	
Tabulating-machine operators, class C .....	29	2.27	-	-	-	1	5	-	1	2	2	3	1	-	2	-	-	-	2	5	3	-	-	-	
<u>Women</u>																									
Billers, machine (billing machine) .....	58	1.47	5	13	7	14	2	6	7	-	-	2	1	1	-	-	-	-	-	-	-	-	-	-	
Bookkeeping-machine operators, class B .....	14	1.75	-	1	1	-	4	2	-	-	2	3	-	1	-	-	-	-	-	-	-	-	-	-	
Cashiers .....	528	1.60	53	70	70	48	75	45	22	40	23	19	21	12	8	5	3	7	5	2	-	-	-	-	
Clerks, accounting, class A .....	84	2.40	-	-	-	3	2	1	1	7	5	8	12	4	3	7	5	-	-	1	3	8	14	-	
Clerks, accounting, class B .....	450	1.84	4	11	36	20	35	76	34	61	41	30	33	19	8	9	10	7	15	-	-	-	1	-	
Clerks, file, class A .....	16	1.85	-	-	-	2	-	4	2	2	2	-	2	1	-	-	-	-	1	-	-	-	-	-	
Clerks, file, class B .....	26	1.69	2	4	-	-	1	6	2	-	9	-	2	-	-	-	-	-	-	-	-	-	-	-	
Clerks, payroll .....	61	2.07	-	6	1	1	1	11	-	1	3	7	5	8	3	3	-	4	2	2	-	1	-	2	
Comptometer operators .....	39	1.91	2	-	-	-	-	8	6	3	12	2	1	-	1	-	2	-	2	-	-	-	-	-	
Duplicating-machine operators (Mimeograph or Ditto) .....	15	1.67	-	-	2	3	3	2	3	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	
Keypunch operators, class A .....	32	1.85	-	-	1	3	5	4	3	3	6	2	1	1	1	-	-	-	-	-	2	-	-	-	
Keypunch operators, class B .....	127	1.94	-	6	20	6	4	8	7	5	14	2	9	11	16	3	11	2	3	-	-	-	-	-	
Office girls .....	9	1.43	-	3	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secretaries .....	376	2.62	-	-	-	-	1	2	6	14	15	14	24	28	31	34	34	15	14	11	36	35	19	20	23
Stenographers, general .....	435	1.83	7	15	17	22	19	56	54	61	82	35	33	12	4	5	11	2	-	-	-	-	-	-	-
Stenographers, senior .....	241	2.33	-	2	1	1	3	7	6	7	13	21	33	17	25	20	17	16	38	11	1	1	-	1	
Switchboard operators .....	91	2.04	1	2	5	1	4	4	7	6	14	9	10	2	6	4	3	12	1	-	-	-	-	-	
Switchboard operator-receptionists .....	21	1.46	-	3	7	2	4	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class A .....	9	3.26	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	1	1	4
Tabulating-machine operators, class B .....	23	2.73	-	-	-	-	-	-	3	-	2	-	3	1	-	2	-	-	-	-	-	-	-	12	-
Tabulating-machine operators, class C .....	14	2.09	-	-	2	-	1	-	3	1	2	-	1	-	-	-	-	-	1	3	-	-	-	-	-
Typists, class A .....	37	1.93	-	-	-	2	4	7	2	3	9	1	3	-	-	1	4	1	-	-	-	-	-	-	-
Typists, class B .....	99	1.69	3	4	5	8	23	24	6	8	3	2	4	3	2	1	3	-	-	-	-	-	-	-	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

Table 39. Occupational Earnings: All Systems—Office Workers—Mountain

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup> and under	Number of workers receiving straight-time hourly earnings of—																						
			\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	and over	
			\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	over		
<b>Men</b>																									
Clerks, accounting, class A -----	107	\$2.68	-	-	-	1	-	1	-	1	2	3	1	7	7	22	5	24	10	2	14	1	6		
Clerks, accounting, class B -----	14	2.28	-	-	-	1	-	1	-	-	-	3	4	4	-	-	1	-	-	-	-	-	-		
Office boys -----	22	1.53	2	8	-	7	1	-	-	1	2	1	-	-	-	-	-	-	-	-	-	-	-		
Tabulating-machine operators, class A ----	10	2.95	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	3	1	2			
Tabulating-machine operators, class B ----	21	2.57	-	-	-	-	-	-	-	-	1	2	2	3	5	3	3	1	-	1	-	-			
Tabulating-machine operators, class C ----	9	2.40	-	-	-	-	1	-	-	1	-	-	-	3	2	-	2	-	-	-	-	-			
<b>Women</b>																									
Billers, machine (billing machine) -----	6	2.02	-	1	-	-	1	-	1	-	-	-	2	-	-	1	-	-	-	-	-	-			
Cashiers -----	155	1.89	5	6	5	9	14	25	18	7	35	6	13	5	-	3	2	2	-	-	-	-			
Clerks, accounting, class A -----	54	2.58	-	-	-	-	-	-	-	1	-	1	4	2	4	17	9	10	4	1	1	-			
Clerks, accounting, class B -----	85	1.95	2	2	11	8	10	3	2	1	8	7	9	8	13	1	-	-	-	-	-	-			
Clerks, file, class A -----	10	1.75	-	1	3	1	1	-	-	-	1	2	-	1	-	-	-	-	-	-	-	-			
Comptometer operators -----	12	2.29	-	-	-	-	-	-	-	2	2	4	-	1	3	-	-	-	-	-	-	-			
Key punch operators, class B -----	43	1.82	1	5	1	1	8	4	-	8	8	6	-	1	-	-	-	-	-	-	-	-			
Office girls -----	27	1.41	13	-	7	2	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Secretaries -----	109	2.62	-	-	-	-	-	3	2	4	10	7	4	11	4	8	6	7	7	12	6	11			
Stenographers, general -----	209	2.02	-	1	2	28	5	22	31	4	23	16	28	23	9	17	-	-	-	-	-	-			
Stenographers, senior -----	99	2.26	-	-	-	-	4	3	4	11	10	11	17	10	3	6	7	11	1	1	-	-			
Switchboard operators -----	58	1.98	-	2	3	4	2	5	10	7	3	9	1	4	3	3	1	1	-	-	-	-			
Tabulating-machine operators, class B ----	8	2.49	-	-	-	-	-	-	-	-	1	-	1	4	-	1	1	-	-	-	-	-			
Typists, class A -----	74	2.02	-	-	1	5	7	5	10	7	11	6	6	13	1	1	1	-	-	-	-	-			
Typists, class B -----	81	1.79	5	4	2	6	7	3	22	28	2	2	-	-	-	-	-	-	-	-	-	-			

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

Table 40. Occupational Earnings: All Systems—Office Workers—Pacific

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric and gas systems, July 1962)

Occupation and sex	Number of workers	Average hourly earnings <sup>1</sup>	Number of workers receiving straight-time hourly earnings of—																							
			Under \$1.50	\$1.50 and under \$1.60	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10	\$3.20	\$3.30	\$3.40	\$3.60	and over	
<u>Men</u>																										
Clerks, accounting, class A .....	112	\$3.05	-	-	-	-	-	-	-	4	-	8	1	2	3	3	12	12	10	11	5	6	22	5	12	
Clerks, accounting, class B .....	66	2.79	-	-	-	-	-	-	-	-	-	-	-	4	4	3	3	6	9	26	1	-	-	-	-	
Clerks, payroll .....	28	3.04	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	4	2	-	2	1	-	14	-	
Office boys .....	25	1.84	-	8	3	-	-	-	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class A .....	42	3.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3	9	-	15	7	-	
Tabulating-machine operators, class B .....	150	2.81	-	-	-	-	4	-	-	-	-	-	2	5	6	10	5	9	61	14	30	1	-	3	-	
Tabulating-machine operators, class C .....	42	2.44	-	-	4	-	-	-	-	-	6	5	3	14	2	8	-	-	-	-	-	-	-	-	-	
<u>Women</u>																										
Cashiers .....	351	1.88	<sup>2</sup> 81	19	30	53	27	10	14	11	20	23	49	13	-	1	-	-	-	-	-	-	-	-	-	
Clerks, accounting, class A .....	70	2.95	-	-	-	-	-	-	-	-	1	3	1	2	-	5	36	-	2	3	-	-	15	-	2	
Clerks, accounting, class B .....	112	2.47	-	-	-	-	9	13	10	6	10	16	-	2	-	2	9	8	27	-	-	-	-	-	-	
Clerks, file, class B .....	54	2.51	-	1	2	2	2	-	2	5	3	3	1	3	-	30	-	-	-	-	-	-	-	-	-	
Clerks, payroll .....	51	3.03	-	-	-	-	-	-	-	3	1	2	1	3	5	2	1	-	-	8	-	22	1	2	-	
Comptometer operators .....	74	2.66	-	-	-	1	-	6	4	4	1	7	11	2	-	17	2	19	-	-	-	-	-	-	-	
Duplicating-machine operators (Mimeograph or Ditto) .....	13	2.45	-	-	-	-	-	-	-	4	-	2	-	2	5	-	-	-	-	-	-	-	-	-	-	
Keypunch operators, class A .....	150	2.62	-	-	2	1	10	6	8	2	12	12	25	-	15	7	9	41	-	-	-	-	-	-	-	
Keypunch operators, class B .....	203	2.42	-	10	13	6	11	2	20	5	8	2	2	16	14	55	39	-	-	-	-	-	-	-	-	
Office girls .....	23	1.64	<sup>3</sup> 6	8	1	3	1	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Secretaries .....	337	2.94	-	-	-	-	4	5	1	6	25	15	23	26	7	54	12	19	47	24	28	7	34	-	-	
Stenographers, general .....	284	2.40	-	6	4	15	9	13	13	20	16	19	40	65	20	15	2	2	25	-	-	-	-	-	-	
Stenographers, senior .....	289	2.71	-	1	2	2	1	3	8	26	32	11	23	3	7	25	73	2	-	8	-	54	6	2		
Switchboard operators .....	148	2.49	-	-	1	-	2	5	10	7	20	6	36	7	26	7	2	-	19	-	-	-	-	-	-	
Switchboard operator-receptionists .....	9	1.98	-	-	4	-	1	2	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class B .....	16	2.76	-	-	-	-	-	-	-	-	-	-	2	-	6	-	4	-	4	-	-	-	-	-	-	
Tabulating-machine operators, class C .....	8	2.22	-	-	-	-	-	1	1	1	3	-	1	1	-	-	-	-	-	-	-	-	-	-	-	
Typists, class A .....	121	2.50	-	1	2	2	2	10	11	8	3	10	-	18	6	25	3	1	17	2	-	-	-	-	-	
Typists, class B .....	87	2.00	<sup>4</sup> 13	4	4	1	12	7	4	13	9	10	2	8	-	-	-	-	-	-	-	-	-	-	-	

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Workers were distributed as follows: 16 at \$1.20 to \$1.30; 24 at \$1.30 to \$1.40; and 41 at \$1.40 to \$1.50.<sup>3</sup> Workers were distributed as follows: 5 at \$1.30 to \$1.40; and 1 at \$1.40 to \$1.50.<sup>4</sup> Workers were distributed as follows: 8 at \$1.30 to \$1.40; and 5 at \$1.40 to \$1.50.

Table 41. Occupational Earnings: Electric Systems—Office Workers

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in electric systems, United States and selected regions, July 1962)

Occupation and sex	United States <sup>2</sup>		New England		Middle Atlantic		Southeast		Southwest		Great Lakes		Middle West		Mountain		Pacific	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
<b>Men</b>																		
Clerks, accounting, class A -----	653	\$2.74	44	\$2.66	59	\$3.15	118	\$2.89	203	\$2.56	97	\$2.86	-	-	-	-	30	\$3.05
Clerks, accounting, class B -----	400	2.35	50	2.20	-	-	162	2.43	99	2.02	28	2.48	-	-	-	-	-	-
Clerks, payroll -----	73	2.48	-	-	19	2.95	6	2.72	27	2.17	-	-	-	-	-	-	-	-
Duplicating-machine operators (Mimeograph or Ditto) -----	34	2.01	-	-	-	-	-	-	-	-	17	2.09	-	-	-	-	-	-
Office boys -----	159	1.61	21	1.46	17	1.60	36	1.62	25	1.25	29	1.82	11	\$1.95	-	-	-	-
Tabulating-machine operators, class A -----	157	3.08	9	2.99	11	2.97	15	3.00	25	2.67	50	3.20	24	3.22	-	-	-	-
Tabulating-machine operators, class B -----	289	2.57	34	2.34	36	2.60	32	2.43	41	2.03	67	2.86	-	-	13	\$2.61	46	2.78
Tabulating-machine operators, class C -----	152	2.09	-	-	21	2.21	-	-	21	1.62	42	2.07	-	-	-	-	-	-
<b>Women</b>																		
Billers, machine (billing machine) -----	165	1.76	16	1.60	-	-	47	1.89	35	1.77	25	1.83	-	-	-	-	-	-
Cashiers -----	1,580	1.95	130	1.98	96	2.36	365	2.22	389	1.50	199	1.99	66	1.91	-	-	116	2.11
Clerks, accounting, class A -----	595	2.57	103	2.12	14	2.73	210	2.93	-	-	68	2.69	35	2.64	-	-	8	2.81
Clerks, accounting, class B -----	1,273	2.02	280	1.93	69	2.16	379	2.18	313	1.78	135	2.13	60	2.23	-	-	-	-
Clerks, file, class A -----	61	2.28	-	-	9	2.54	-	-	-	-	16	2.31	-	-	-	-	-	-
Clerks, file, class B -----	135	1.84	-	-	-	-	9	1.76	9	1.61	65	1.86	-	-	-	-	11	2.07
Clerks, file, class C -----	100	1.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clerks, order -----	59	2.01	22	2.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clerks, payroll -----	253	2.23	39	2.31	38	2.39	28	2.27	23	1.95	58	2.22	-	-	-	-	7	2.97
Comptometer operators -----	80	2.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	2.43
Keypunch operators, class A -----	348	2.26	24	2.12	31	2.27	50	2.30	51	1.91	132	2.31	-	-	-	-	-	-
Keypunch operators, class B -----	477	1.88	96	1.94	77	1.94	62	1.76	42	1.59	67	1.75	45	2.28	25	1.80	51	1.99
Office girls -----	149	1.54	8	1.35	39	1.63	-	-	14	1.25	54	1.56	-	-	-	-	15	1.65
Secretaries -----	1,461	2.69	205	2.54	138	2.84	188	2.79	294	2.28	307	2.95	125	2.92	23	2.45	86	2.71
Stenographers, general -----	2,077	2.04	112	1.95	298	2.05	390	2.01	385	1.78	451	2.23	-	-	37	2.25	-	-
Stenographers, senior -----	944	2.42	57	2.37	170	2.45	198	2.60	91	1.94	187	2.51	-	-	23	2.29	88	2.29
Switchboard operators -----	505	2.12	63	2.11	66	2.24	66	2.12	83	1.66	118	2.25	-	-	11	1.81	-	-
Switchboard operator-receptionists -----	53	1.95	-	-	-	-	-	-	9	1.83	10	2.17	-	-	-	-	-	-
Tabulating-machine operators, class A -----	12	3.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tabulating-machine operators, class B -----	75	2.61	10	2.54	-	-	23	2.33	-	-	12	2.54	-	-	-	-	-	-
Tabulating-machine operators, class C -----	35	2.14	-	-	-	-	-	-	-	-	15	2.17	-	-	-	-	-	-
Transcribing-machine operators, general -----	34	1.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typists, class A -----	395	1.96	-	-	26	2.18	17	2.25	114	1.68	158	2.03	-	-	24	1.85	15	2.26
Typists, class B -----	515	1.68	61	1.80	46	1.78	-	-	136	1.43	173	1.73	-	-	36	1.74	-	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Includes data for the Border States region in addition to regions shown separately.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 42. Occupational Earnings: Gas Transmission Systems—Office Workers

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in gas transmission systems, United States and the Southwest region, July 1962)

Occupation and sex	United States <sup>2</sup>		Southwest	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
<u>Men</u>				
Clerks, accounting, class A .....	418	\$2.99	348	\$3.01
Clerks, accounting, class B .....	244	2.42	201	2.51
Clerks, payroll .....	34	2.50	27	2.40
Office boys .....	127	1.43	84	1.42
Tabulating-machine operators, class A .....	31	3.00	19	3.04
Tabulating-machine operators, class B .....	61	2.56	49	2.59
<u>Women</u>				
Clerks, accounting, class B .....	207	1.84	67	2.21
Comptometer operators .....	76	2.06	43	2.12
Keypunch operators, class A .....	62	2.05	57	2.07
Keypunch operators, class B .....	53	1.83	25	1.85
Office girls .....	41	1.36	29	1.35
Secretaries .....	634	2.54	423	2.49
Stenographers, general .....	651	1.87	398	1.85
Stenographers, senior .....	347	2.21	287	2.14
Switchboard operators .....	144	1.94	88	1.91
Typists, class A .....	150	2.03	109	1.97
Typists, class B .....	207	1.69	142	1.70

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for regions in addition to the Southwest.

Table 43. Occupational Earnings: Other Gas Systems—Office Workers

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in gas systems (except transmission), United States and selected regions, July 1962)

Occupation and sex	United States <sup>2</sup>		New England		Middle Atlantic		Border States		Southeast		Southwest		Great Lakes		Middle West		Pacific	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
<b>Men</b>																		
Cashiers _____	121	\$2.75	-	-	75	\$2.84	-	-	-	-	-	-	-	-	-	-	-	-
Clerks, accounting, class A _____	529	2.77	9	\$2.39	71	3.09	-	-	56	\$2.50	190	\$2.48	127	\$3.11	33	\$2.78	-	-
Clerks, accounting, class B _____	316	2.24	-	-	75	2.65	-	-	-	-	154	1.93	56	2.49	-	-	-	-
Clerks, payroll _____	33	2.63	-	-	8	3.03	-	-	-	-	9	2.10	6	2.88	-	-	-	-
Office boys _____	107	1.69	7	1.48	14	1.73	-	-	6	1.43	19	1.27	30	1.89	-	-	-	-
Tabulating-machine operators, class A _____	115	2.89	-	-	26	3.06	-	-	-	-	12	2.83	42	2.94	-	-	-	-
Tabulating-machine operators, class B _____	291	2.49	11	2.03	-	-	-	-	-	-	27	2.15	80	2.34	20	2.58	-	-
Tabulating-machine operators, class C _____	57	2.05	-	-	8	2.08	-	-	-	-	17	1.81	-	-	-	-	-	-
<b>Women</b>																		
Billers, machine (billing machine) _____	116	1.79	-	-	-	-	14	\$1.84	31	1.78	-	-	16	1.89	-	-	-	-
Cashiers _____	934	1.80	79	2.13	132	1.99	27	1.83	157	1.66	218	1.49	167	2.01	119	1.68	20	\$2.47
Clerks, accounting, class A _____	337	2.41	38	2.39	27	2.88	-	-	49	2.47	24	2.55	-	-	-	-	-	-
Clerks, accounting, class B _____	924	1.85	146	2.01	103	2.28	-	-	98	1.95	277	1.56	238	1.85	-	-	-	-
Clerks, file, class B _____	119	1.91	10	1.94	-	-	-	-	8	1.41	-	-	-	-	-	-	-	-
Clerks, order _____	56	2.05	18	1.97	-	-	-	-	-	-	-	-	38	2.09	-	-	-	-
Clerks, payroll _____	116	2.24	22	2.20	16	2.50	-	-	21	2.17	9	2.11	20	2.01	16	2.34	-	-
Comptometer operators _____	101	2.25	-	-	11	2.35	-	-	-	-	8	1.79	14	2.33	-	-	17	2.79
Keypunch operators, class A _____	174	2.20	21	2.18	33	2.34	-	-	-	-	28	1.91	38	2.30	19	2.02	-	-
Keypunch operators, class B _____	320	2.01	20	1.80	82	1.88	-	-	-	-	43	1.56	87	1.97	-	-	-	-
Office girls _____	34	1.52	-	-	6	1.36	-	-	7	1.41	-	-	6	1.98	-	-	-	-
Secretaries _____	1,080	2.66	58	2.45	190	2.76	133	2.68	98	2.36	130	2.51	190	2.74	108	2.41	159	3.03
Stenographers, general _____	732	1.90	41	2.02	158	2.01	-	-	71	1.80	179	1.57	117	2.05	-	-	-	-
Stenographers, senior _____	489	2.28	29	2.28	58	2.30	-	-	-	-	103	2.05	117	2.14	44	2.25	-	-
Switchboard operators _____	287	2.13	23	2.17	56	2.16	-	-	22	1.84	42	1.55	61	2.30	19	2.15	45	2.51
Switchboard operator-receptionists _____	56	1.77	-	-	11	1.92	7	1.76	12	1.52	9	1.53	10	1.88	-	-	-	-
Tabulating-machine operators, class B _____	40	2.39	-	-	9	2.55	-	-	-	-	-	-	7	2.30	-	-	-	-
Typists, class A _____	246	1.96	-	-	35	2.15	-	-	-	-	49	1.60	132	2.05	-	-	-	-
Typists, class B _____	442	1.80	16	1.95	106	1.74	35	2.08	18	1.56	59	1.31	126	1.86	32	2.00	-	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>2</sup> Includes data for the Mountain region in addition to regions shown separately.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.



Table 44. Occupational Earnings: Combination Systems—Office Workers

(Number and average straight-time hourly earnings<sup>1</sup> of workers in selected occupations in combination systems (electric and gas), United States and selected regions, July 1962)

Occupation and sex	United States <sup>2</sup>		New England		Middle Atlantic		Border States		Southwest		Great Lakes		Middle West		Mountain		Pacific	
	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings	Number of workers	Average hourly earnings
<b>Men</b>																		
Clerks, accounting, class A .....	676	\$2.82	28	\$2.90	98	\$3.05	81	\$2.57	13	\$2.48	214	\$2.91	118	\$2.60	-	-	71	\$2.99
Clerks, accounting, class B .....	400	2.48	-	-	-	-	78	1.87	-	-	69	2.32	48	2.06	-	-	61	2.79
Clerks, payroll .....	98	2.87	-	-	24	2.92	12	2.47	-	-	22	3.00	-	-	-	-	28	3.04
Office boys .....	142	1.61	10	1.49	34	1.87	-	-	-	-	23	1.77	9	1.34	-	-	12	1.78
Tabulating-machine operators, class A .....	175	3.05	8	2.84	-	-	-	-	-	-	27	2.97	15	2.42	6	\$3.00	11	3.29
Tabulating-machine operators, class B .....	326	2.58	12	2.41	93	2.80	-	-	-	-	85	2.59	30	2.16	-	-	-	-
Tabulating-machine operators, class C .....	175	2.21	-	-	90	2.17	-	-	-	-	31	2.19	8	1.62	-	-	18	2.45
<b>Women</b>																		
Cashiers .....	1,585	1.94	-	-	235	2.49	-	-	153	1.68	418	2.15	287	1.57	-	-	-	-
Clerks, accounting, class A .....	368	2.54	26	2.54	33	2.76	-	-	-	-	-	-	25	2.27	34	2.58	-	-
Clerks, accounting, class B .....	1,247	1.98	33	2.07	86	2.65	-	-	-	-	363	1.92	355	1.78	37	2.04	103	2.46
Clerks, file, class A .....	87	2.80	-	-	-	-	-	-	-	-	13	2.55	6	1.88	-	-	-	-
Clerks, file, class B .....	166	2.21	-	-	-	-	-	-	-	-	67	2.20	-	-	-	-	-	-
Clerks, payroll .....	210	2.42	11	2.38	53	2.62	13	2.00	-	-	64	2.23	29	1.95	-	-	-	-
Comptometer operators .....	134	2.36	-	-	-	-	-	-	-	-	43	2.43	20	1.78	-	-	39	2.72
Duplicating-machine operators (Mimeograph or Ditto) .....	20	1.92	-	-	-	-	-	-	-	-	7	1.90	-	-	-	-	-	-
Keypunch operators, class A .....	564	2.36	19	2.29	217	2.45	-	-	-	-	104	2.25	-	-	-	-	102	2.70
Keypunch operators, class B .....	566	1.97	-	-	216	1.92	-	-	-	-	129	1.91	59	1.66	14	1.80	-	-
Office girls .....	206	1.62	-	-	115	1.64	-	-	-	-	48	1.81	-	-	-	-	-	-
Secretaries .....	1,187	2.87	80	2.92	414	3.15	139	2.49	-	-	267	2.75	95	2.53	35	2.93	76	2.96
Stenographers, general .....	1,551	2.12	26	2.00	423	2.38	145	1.84	46	1.71	531	2.12	159	1.64	90	2.11	105	2.40
Stenographers, senior .....	809	2.46	77	2.52	75	2.95	-	-	52	2.20	331	2.43	84	2.12	59	2.33	-	-
Switchboard operators .....	589	2.23	34	2.33	254	2.32	51	1.71	-	-	142	2.20	26	1.72	15	2.27	45	2.69
Switchboard operator-receptionists .....	31	1.67	-	-	-	-	-	-	-	-	-	-	14	1.53	-	-	-	-
Tabulating-machine operators, class B .....	97	2.47	-	-	-	-	-	-	-	-	40	2.54	6	1.94	-	-	-	-
Tabulating-machine operators, class C .....	38	1.94	-	-	-	-	-	-	-	-	24	1.98	8	1.66	-	-	-	-
Typists, class A .....	485	2.33	-	-	-	-	87	1.72	-	-	73	2.24	15	1.77	-	-	99	2.50
Typists, class B .....	787	1.82	35	1.93	339	1.97	105	1.46	-	-	185	1.81	36	1.47	-	-	39	1.73

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Includes data for the Southeast region in addition to regions shown separately.

NOTE: Dashes indicate no data reported or data that do not meet publication criteria.

Table 45. Rate Structure Characteristics: By Type of System—Physical and Office Workers

(Percent of time-rated workers in electric and gas systems by type of system and type of rate structure, <sup>1</sup> United States and regions, July 1962)

Type of utility and rate structure <sup>1</sup>	United States	New England	Middle Atlantic	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
Physical workers										
All systems:										
Formal plan:										
Range of rates -----	66	72	66	87	89	11	68	18	54	77
Single rate -----	32	28	33	12	10	34	31	82	45	20
Individual rates -----	2	-	1	2	1	55	1	-	2	2
Electric systems:										
Formal plan:										
Range of rates -----	73	60	66	-	97	48	89	27	89	56
Single rate -----	25	40	34	-	3	48	9	73	11	44
Individual rates -----	2	-	-	-	-	4	3	-	-	-
Gas transmission systems:										
Formal plan:										
Range of rates -----	25	-	-	-	-	51	-	-	-	-
Single rate -----	70	-	-	-	-	40	-	-	-	-
Individual rates -----	5	-	-	-	-	9	-	-	-	-
Other gas systems:										
Formal plan:										
Range of rates -----	62	77	61	78	95	65	46	40	85	76
Single rate -----	33	23	35	22	-	-	54	60	15	24
Individual rates -----	5	-	5	-	5	35	-	-	-	-
Combination systems:										
Formal plan:										
Range of rates -----	68	100	69	92	-	73	66	-	58	91
Single rate -----	31	-	31	8	-	27	34	100	42	4
Individual rates -----	1	-	-	-	-	-	-	-	4	5
Office workers										
All systems:										
Formal plan:										
Range of rates -----	86	92	85	90	88	64	97	62	86	92
Single rate -----	4	5	13	1	2	-	( <sup>2</sup> )	4	-	4
Individual rates -----	10	3	2	9	10	36	3	33	14	5
Electric systems:										
Formal plan:										
Range of rates -----	90	89	92	-	96	59	96	100	100	93
Single rate -----	2	5	8	-	3	-	-	-	-	7
Individual rates -----	8	5	-	-	1	41	4	-	-	-
Gas transmission systems:										
Formal plan:										
Range of rates -----	79	-	-	-	-	78	-	-	-	-
Single rate -----	-	-	-	-	-	-	-	-	-	-
Individual rates -----	21	-	-	-	-	22	-	-	-	-
Other gas systems:										
Formal plan:										
Range of rates -----	84	90	94	100	69	55	95	54	100	91
Single rate -----	1	10	-	-	-	-	-	-	-	4
Individual rates -----	15	-	6	-	31	45	5	46	-	5
Combination systems:										
Formal plan:										
Range of rates -----	83	100	81	80	-	63	99	35	86	91
Single rate -----	8	-	17	-	-	-	1	12	-	-
Individual rates -----	9	-	2	20	-	37	-	53	14	9

<sup>1</sup> Because of technical considerations, all time-rated workers (physical or office) in an establishment were classified according to the predominant type of rate structure applying to these workers.

The 3 basic types of rate structures for time-rated workers were defined as: (1) A (formal) range of rates for the same job, with the specific rates within the range determined by merit, length of service, or a combination of various concepts of merit and length of service; (2) a (formal) single rate which is the same for all workers in the same job classification, and under which the individual worker on a job receives the same rate during the entire time that he is holding the job. Individual workers may occasionally be paid above or below the single rate for special reasons, but such payments are regarded as exceptions to the usual rule; and (3) individual rates—in establishments in which there is no formal rate structure (either job rates or rate ranges), the rates paid being set on an individual basis. These rates may be based in a loose way upon the job being done, or may be related to the training, ability, or skill of the individual worker.

<sup>2</sup> Less than 0.5 percent.

NOTE: Because of rounding, sums of individual items may not equal 100. Dashes indicate no data reported or data that do not meet publication criteria.

Table 46. Scheduled Weekly Hours: All Systems—Physical and Office Workers

(Percent of workers in electric and gas systems by scheduled weekly hours of first-shift workers,<sup>1</sup>  
United States and regions, July 1962)

Weekly hours	United States	New England	Middle Atlantic	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
	Physical workers									
All physical workers -----	100	100	100	100	100	100	100	100	100	100
40 hours -----	99	100	100	93	100	96	99	100	98	100
42 hours -----	( <sup>2</sup> )	-	-	-	-	4	-	-	-	-
44 hours -----	1	-	-	7	-	-	-	-	-	-
45 hours and over -----	( <sup>2</sup> )	-	-	-	-	-	1	-	2	-
	Office workers									
All office workers -----	100	100	100	100	100	100	100	100	100	100
35 hours -----	( <sup>2</sup> )	1	-	-	6	-	-	( <sup>2</sup> )	-	-
37½ hours -----	5	10	15	3	10	-	-	-	-	1
Over 37½ and under 40 hours -----	1	( <sup>2</sup> )	-	10	-	-	1	4	-	-
40 hours -----	93	89	85	87	84	99	99	96	100	99
45 hours -----	( <sup>2</sup> )	-	-	-	-	1	-	-	-	-

<sup>1</sup> Data relate to the predominant work schedule for full-time workers in each system.<sup>2</sup> Less than 0.5 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 47. Shift Differential Practices:<sup>1</sup> All Systems—Physical Workers

(Percent of workers employed on late shifts in electric and gas systems by amount of pay differential, United States and selected regions, July 1962)

Shift differential	United States <sup>2</sup>	New England	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
Second shift									
Workers employed on second shift .....	7.3	8.2	7.1	7.0	6.4	8.1	8.3	9.3	3.9
Receiving shift differential .....	4.9	7.9	5.6	1.4	.2	7.4	5.5	5.7	3.3
Uniform cents per hour .....	4.5	7.8	5.6	1.4	.2	6.0	5.5	5.7	3.3
Under 6 cents .....	.3	.4	.5	1.3	-	.1	.3	.7	-
6 and under 7 cents .....	.3	-	.7	-	-	.3	1.0	.8	-
7 and under 8 cents .....	.3	-	-	-	-	.2	.7	4.2	-
8 and under 9 cents .....	.8	( <sup>3</sup> )	.3	-	.2	2.3	-	-	-
9 and under 10 cents .....	.6	-	1.1	-	-	.1	.7	-	3.2
10 and under 11 cents .....	.8	5.7	-	.1	-	.4	2.2	-	.1
11 and under 12 cents .....	.1	-	-	-	-	.3	-	-	-
12 and under 13 cents .....	.6	-	1.8	-	-	1.1	.6	-	-
13 cents and over .....	.6	1.6	1.2	-	-	1.1	-	-	-
Uniform percentage .....	.2	-	-	-	-	.7	-	-	-
5 percent .....	.2	-	-	-	-	.7	-	-	-
Other .....	.2	.1	-	-	-	.8	-	-	-
Receiving no shift differential .....	2.3	.4	1.5	5.6	6.2	.6	2.8	3.6	.7
Third or other late shift									
Workers employed on third or other late shift .....	5.6	7.0	5.7	4.7	6.1	5.6	6.5	7.0	3.1
Receiving shift differential .....	3.4	6.7	4.2	.3	.2	5.0	3.9	3.6	2.4
Uniform cents per hour .....	3.1	5.5	4.2	.3	.2	4.1	3.9	3.6	2.4
5 and under 6 cents .....	( <sup>3</sup> )	-	-	-	-	-	.1	.2	-
7 and under 8 cents .....	.1	.3	.5	-	-	-	-	-	-
8 and under 10 cents .....	.1	-	.5	-	-	.1	.2	.4	-
10 and under 11 cents .....	.3	.1	.3	.3	-	.1	1.8	.1	-
11 and under 12 cents .....	.2	-	-	-	-	.4	.3	-	-
12 and under 13 cents .....	.9	.1	1.1	-	.2	2.2	.6	.6	-
13 cents and over .....	1.5	5.0	1.7	.1	-	1.3	.7	2.2	2.4
Uniform percentage .....	.1	-	-	-	-	.3	-	-	-
7½ percent .....	.1	-	-	-	-	.3	-	-	-
8 percent .....	( <sup>3</sup> )	-	-	-	-	-	-	-	-
Other .....	.3	1.2	-	-	-	.6	-	-	-
Receiving no shift differential .....	2.1	.3	1.5	4.4	5.9	.6	2.6	3.4	.6

<sup>1</sup> Refers to practices of systems operating extra shifts at the time of the study.

<sup>2</sup> Excludes the Middle Atlantic region for which data were not available.

<sup>3</sup> Less than 0.05 percent.

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

Table 48. Paid Holidays: All Systems—Physical and Office Workers

(Percent of workers in electric and gas systems with formal provisions for paid holidays, United States and regions, July 1962)

Number of paid holidays	United States	New England	Middle Atlantic	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
Physical workers										
All physical workers	100	100	100	100	100	100	100	100	100	100
Workers in systems providing paid holidays	100	100	100	100	100	100	100	100	100	100
5 days	1	-	-	-	7	6	-	-	-	-
5 days plus 1 half day	( <sup>1</sup> )	-	-	-	-	1	-	-	-	-
6 days	6	-	-	13	11	36	1	5	-	-
6 days plus 1 half day	( <sup>1</sup> )	-	-	-	-	-	2	-	-	-
6 days plus 2 half days	2	-	-	1	2	3	7	-	-	-
6 days plus 3 half days	1	-	-	-	-	-	5	-	-	-
7 days	25	-	2	20	71	34	39	49	35	1
7 days plus 1 half day	1	-	-	-	9	3	-	1	-	-
7 days plus 2 half days	1	-	-	-	-	-	2	-	-	-
8 days	21	-	2	41	-	15	15	14	65	96
8 days plus 1 half day	2	-	-	-	-	-	6	-	-	2
8 days plus 2 half days	1	-	-	-	-	-	3	2	-	-
9 days	13	26	20	21	-	2	20	-	-	-
9 days plus 1 half day	2	-	-	-	-	-	-	21	-	-
10 days	10	52	24	3	-	-	-	7	-	-
10 days plus 1 half day	1	-	4	-	-	-	-	-	-	-
11 days	9	20	31	-	-	-	-	-	-	-
11 days plus 2 half days	( <sup>1</sup> )	2	-	-	-	-	-	-	-	-
12 days	4	-	17	-	-	-	-	-	-	-
Office workers										
All office workers	100	100	100	100	100	100	100	100	100	100
Workers in systems providing paid holidays	100	100	100	100	100	100	100	100	100	100
5 days	2	-	-	-	13	5	-	-	-	-
5 days plus 1 half day	( <sup>1</sup> )	-	-	-	-	1	-	-	-	-
6 days	6	-	-	7	7	35	( <sup>1</sup> )	5	-	-
6 days plus 1 half day	( <sup>1</sup> )	-	-	-	-	-	1	-	-	-
6 days plus 2 half days	2	-	-	1	3	3	7	-	-	-
6 days plus 3 half days	1	-	-	-	-	-	5	-	-	-
7 days	25	-	2	15	68	30	42	47	43	1
7 days plus 1 half day	1	-	-	-	8	3	-	1	-	-
7 days plus 2 half days	1	-	-	-	-	-	3	-	-	-
8 days	22	-	2	45	-	17	13	14	57	96
8 days plus 1 half day	2	-	-	-	-	-	6	-	-	3
8 days plus 2 half days	1	-	-	-	-	4	3	-	-	-
9 days	13	27	17	30	-	2	20	-	-	-
9 days plus 1 half day	1	-	-	-	-	-	-	22	-	-
10 days	10	49	28	3	-	-	-	11	-	-
10 days plus 1 half day	1	-	4	-	-	-	-	-	-	-
11 days	10	23	39	-	-	-	-	-	-	-
11 days plus 2 half days	( <sup>1</sup> )	2	-	-	-	-	-	-	-	-
12 days	2	-	8	-	-	-	-	-	-	-

<sup>1</sup> Less than 0.5 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 49. Paid Holidays: By Type of System—Physical and Office Workers

(Percent distribution of workers in electric and gas systems with formal provisions for paid holidays by type of system, United States, July 1962)

Number of paid holidays	Physical workers				Office workers			
	Electric systems	Natural gas transmission systems	Other gas systems	Combination systems (electric and gas)	Electric systems	Natural gas transmission systems	Other gas systems	Combination systems (electric and gas)
All workers	100	100	100	100	100	100	100	100
Workers in systems providing paid holidays	100	100	100	100	100	100	100	100
5 days	2	-	2	-	2	-	2	1
5 days plus 1 half day	-	-	-	( <sup>1</sup> )	-	-	-	( <sup>1</sup> )
6 days	6	24	7	3	7	26	7	1
6 days plus 1 half day	1	-	1	-	1	-	1	-
6 days plus 2 half days	1	-	2	4	1	-	3	4
6 days plus 3 half days	2	-	( <sup>1</sup> )	( <sup>1</sup> )	3	-	1	( <sup>1</sup> )
7 days	32	32	20	20	32	34	20	21
7 days plus 1 half day	2	-	1	-	2	-	1	-
7 days plus 2 half days	1	4	-	-	1	6	-	-
8 days	20	33	23	19	24	28	25	16
8 days plus 1 half day	1	-	1	3	1	-	1	3
8 days plus 2 half days	-	-	-	2	-	-	-	3
9 days	14	6	16	11	13	6	16	13
9 days plus 1 half day	3	-	3	-	3	-	2	-
10 days	10	-	13	10	8	-	11	13
10 days plus 1 half day	-	-	3	1	-	-	3	1
11 days	4	1	6	16	4	1	5	20
11 days plus 2 half days	-	-	1	-	-	-	( <sup>1</sup> )	-
12 days	-	-	2	10	-	-	2	4

<sup>1</sup> Less than 0.5 percent.

NOTE: Because of rounding, sums of individual items may not equal 100.

Table 50. Paid Vacations: All Systems—Physical and Office Workers

(Percent of workers in electric and gas systems with formal provisions for paid vacations,  
United States and regions, July 1962)

Vacation policy	United States	New England	Middle Atlantic	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
	Physical workers									
All physical workers	100	100	100	100	100	100	100	100	100	100
<u>Method of payment</u>										
Workers in systems providing paid vacations	100	100	100	100	100	100	100	100	100	100
Length-of-time payment	100	100	100	100	100	100	100	100	100	100
<u>Amount of vacation pay<sup>1</sup></u>										
<u>After 6 months of service</u>										
Under 1 week	8	1	7	12	4	8	12	10	3	-
1 week	21	36	4	30	28	31	13	36	62	19
Over 1 and under 2 weeks	10	17	24	12	13	12	-	-	-	2
2 weeks	6	6	21	10	-	-	-	-	-	-
<u>After 1 year of service</u>										
1 week	40	12	39	46	18	15	51	54	19	78
2 weeks	60	88	61	54	82	85	49	46	81	22
<u>After 2 years of service</u>										
1 week	3	-	3	8	1	-	6	-	-	-
2 weeks	97	100	97	92	99	100	94	100	100	100
<u>After 5 years of service</u>										
2 weeks	99	100	100	100	100	100	100	93	100	100
Over 2 and under 3 weeks	1	-	-	-	-	-	-	7	-	-
<u>After 10 years of service</u>										
2 weeks	27	4	7	69	75	69	7	29	58	1
Over 2 and under 3 weeks	6	-	5	-	-	-	16	11	-	-
3 weeks	68	96	88	31	25	31	77	60	42	99
<u>After 12 years of service</u>										
2 weeks	16	4	4	40	29	57	1	19	37	-
Over 2 and under 3 weeks	3	-	-	4	14	-	7	7	-	-
3 weeks	81	96	96	56	58	43	92	74	63	100
<u>After 15 years of service</u>										
2 weeks	2	-	-	1	5	8	-	4	-	-
3 weeks	94	100	100	99	95	92	82	96	100	100
Over 3 and under 4 weeks	4	-	-	-	-	-	18	-	-	-
<u>After 20 years of service</u>										
2 weeks	1	-	-	-	4	-	-	4	-	-
3 weeks	70	46	64	85	96	90	60	44	89	80
Over 3 and under 4 weeks	2	-	5	-	-	-	1	-	3	-
4 weeks	25	54	31	15	-	10	23	53	8	20
Over 4 weeks	4	-	-	-	-	-	16	-	-	-
<u>After 25 years of service</u>										
2 weeks	1	-	-	-	4	-	-	4	-	-
3 weeks	21	6	3	22	84	76	4	17	28	3
Over 3 and under 4 weeks	1	-	-	-	3	-	1	-	-	-
4 weeks	73	94	97	78	9	24	79	65	72	97
Over 4 weeks	5	-	-	-	-	-	16	14	-	-

See footnote at end of table.

Table 50. Paid Vacations: All Systems—Physical and Office Workers—Continued

(Percent of workers in electric and gas systems with formal provisions for paid vacations, United States and regions, July 1962)

Vacation policy	United States	New England	Middle Atlantic	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
	Office workers									
All office workers	100	100	100	100	100	100	100	100	100	100
Method of payment										
Workers in systems providing paid vacations	100	100	100	100	100	100	100	100	100	100
Length-of-time payment	100	100	100	100	100	100	100	100	100	100
Amount of vacation pay <sup>1</sup>										
After 6 months of service										
Under 1 week	9	-	21	-	6	7	10	9	3	-
1 week	23	41	7	39	27	34	13	40	60	17
Over 1 and under 2 weeks	10	18	15	25	11	14	3	-	-	4
2 weeks	7	7	27	10	-	-	-	-	-	-
After 1 year of service										
1 week	31	10	17	20	19	12	43	49	19	71
2 weeks	69	90	83	80	81	88	57	51	81	29
After 2 years of service										
1 week	2	-	-	3	1	-	6	-	-	-
2 weeks	98	100	100	97	99	100	94	100	100	100
After 5 years of service										
2 weeks	99	100	100	100	100	100	100	89	100	100
Over 2 and under 3 weeks	1	-	-	-	-	-	-	11	-	-
After 10 years of service										
2 weeks	27	5	8	71	76	63	6	32	68	1
Over 2 and under 3 weeks	6	-	4	-	-	-	16	14	-	-
3 weeks	68	95	88	29	24	37	78	54	32	99
After 12 years of service										
2 weeks	16	5	6	42	29	53	1	19	40	-
Over 2 and under 3 weeks	4	-	-	4	16	-	7	11	-	-
3 weeks	80	95	94	54	55	47	92	70	60	100
After 15 years of service										
2 weeks	2	-	-	1	5	8	-	5	-	-
3 weeks	94	100	100	99	95	92	84	95	100	100
Over 3 and under 4 weeks	4	-	-	-	-	-	16	-	-	-
After 20 years of service										
2 weeks	1	-	-	-	4	-	-	5	-	-
3 weeks	75	46	78	86	96	92	65	50	85	82
Over 3 and under 4 weeks	1	-	4	-	-	-	1	-	3	-
4 weeks	19	54	18	14	-	8	19	46	12	18
Over 4 weeks	4	-	-	-	-	-	15	-	-	-
After 25 years of service										
2 weeks	1	-	-	-	4	-	-	5	-	-
3 weeks	21	6	3	14	86	78	2	17	30	3
Over 3 and under 4 weeks	( <sup>2</sup> )	-	-	-	3	-	1	-	-	-
4 weeks	74	94	97	86	7	22	81	79	70	97
Over 4 weeks	4	-	-	-	-	-	15	-	-	-

<sup>1</sup> Periods of service were arbitrarily chosen and do not necessarily reflect the individual provisions for progression. For example, the changes in proportions indicated at 20 years may include changes in provisions occurring between 15 and 20 years.

<sup>2</sup> Less than 0.5 percent.



Table 51. Paid Vacations: By Type of System—Physical and Office Workers

(Percent distribution of workers in electric and gas systems with formal provisions for paid vacations by type of system, United States, July 1962)

Vacation policy	Physical workers				Office workers			
	Electric systems	Natural gas transmission systems	Other gas systems	Combination systems (electric and gas)	Electric systems	Natural gas transmission systems	Other gas systems	Combination systems (electric and gas)
All workers -----	100	100	100	100	100	100	100	100
<u>Method of payment</u>								
Workers in systems providing paid vacations -----	100	100	100	100	100	100	100	100
Length-of-time payment -----	100	100	100	100	100	100	100	100
<u>Amount of vacation pay<sup>1</sup></u>								
<u>After 6 months of service</u>								
Under 1 week -----	5	-	7	12	4	-	5	19
1 week -----	16	49	38	12	16	44	42	14
Over 1 and under 2 weeks -----	9	13	1	16	12	20	2	11
2 weeks -----	2	-	-	14	2	-	-	17
<u>After 1 year of service</u>								
1 week -----	39	9	41	46	29	3	31	36
2 weeks -----	61	91	59	54	71	97	69	64
<u>After 2 years of service</u>								
1 week -----	1	-	5	5	1	-	( <sup>2</sup> )	3
2 weeks -----	99	100	95	95	99	100	99	97
<u>After 5 years of service</u>								
2 weeks -----	100	100	97	100	100	100	97	100
Over 2 and under 3 weeks -----	-	-	3	-	-	-	3	-
<u>After 10 years of service</u>								
2 weeks -----	35	19	28	19	34	18	27	20
Over 2 and under 3 weeks -----	9	-	10	1	9	-	11	1
3 weeks -----	56	81	62	81	57	82	62	79
<u>After 12 years of service</u>								
2 weeks -----	19	11	23	9	19	9	22	11
Over 2 and under 3 weeks -----	2	4	13	( <sup>2</sup> )	2	4	13	( <sup>2</sup> )
3 weeks -----	79	85	65	91	79	88	64	89

See footnotes at end of table.

Table 51. Paid Vacations: By Type of System—Physical and Office Workers—Continued

(Percent distribution of workers in electric and gas systems with formal provisions for paid vacations by type of system, United States, July 1962)

Vacation policy	Physical workers				Office workers			
	Electric systems	Natural gas transmission systems	Other gas systems	Combination systems (electric and gas)	Electric systems	Natural gas transmission systems	Other gas systems	Combination systems (electric and gas)
<u>Amount of vacation pay<sup>1</sup>—Continued</u>								
<u>After 15 years of service</u>								
2 weeks -----	2	-	4	-	2	-	3	( <sup>2</sup> )
3 weeks -----	92	100	89	99	91	100	89	99
Over 3 and under 4 weeks -----	6	-	7	1	6	-	7	1
<u>After 20 years of service</u>								
2 weeks -----	1	-	2	-	1	-	1	( <sup>2</sup> )
3 weeks -----	65	88	72	70	67	92	76	80
Over 3 and under 4 weeks -----	3	-	-	1	3	-	-	1
4 weeks -----	25	12	19	29	23	8	16	19
Over 4 weeks -----	6	-	7	-	6	-	7	-
<u>After 25 years of service</u>								
2 weeks -----	1	-	2	-	1	-	1	( <sup>2</sup> )
3 weeks -----	32	42	21	6	30	50	23	6
Over 3 and under 4 weeks -----	-	-	1	1	-	-	1	1
4 weeks -----	59	58	69	93	63	50	68	93
Over 4 weeks -----	9	-	7	-	6	-	7	-

<sup>1</sup> Periods of service were arbitrarily chosen and do not necessarily reflect the individual provisions for progression. For example, the changes in proportions indicated at 20 years may include changes in provisions occurring between 15 and 20 years.

<sup>2</sup> Less than 0.5 percent.

Table 52. Health, Insurance, and Pension Plans: All Systems—Physical and Office Workers

(Percent of workers in electric and gas systems with specified health, insurance, and pension plans, United States and regions, July 1962)

Type of plan <sup>1</sup>	United States	New England	Middle Atlantic	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
	Physical workers									
All physical workers .....	100	100	100	100	100	100	100	100	100	100
Workers in systems providing:										
Life insurance .....	99	100	100	100	100	98	100	96	81	100
Accidental death and dismemberment insurance .....	31	64	32	14	29	20	20	42	53	38
Sickness and accident insurance or sick leave or both <sup>2</sup> .....	93	97	99	99	82	65	98	91	89	100
Sickness and accident insurance .....	37	32	73	10	19	4	34	27	6	53
Sick leave (full pay, no waiting period) .....	74	77	94	67	68	63	60	60	86	86
Sick leave (partial pay or waiting period) .....	15	13	5	31	3	4	30	22	-	13
Hospitalization insurance .....	96	100	89	93	100	98	100	93	100	95
Surgical insurance .....	92	100	73	93	100	98	100	93	100	95
Medical insurance .....	77	71	66	82	62	79	83	89	78	95
Catastrophe insurance .....	61	34	32	87	65	78	74	40	92	83
Retirement pension .....	99	100	100	99	99	97	100	100	97	99
No health, insurance, or pension plan .....	-	-	-	-	-	-	-	-	-	-
	Office workers									
All office workers .....	100	100	100	100	100	100	100	100	100	100
Workers in systems providing:										
Life insurance .....	99	100	100	100	100	94	100	97	91	100
Accidental death and dismemberment insurance .....	31	62	38	8	31	20	18	47	62	43
Sickness and accident insurance or sick leave or both <sup>2</sup> .....	91	97	97	91	79	65	95	91	88	100
Sickness and accident insurance .....	36	29	75	8	20	3	34	28	7	46
Sick leave (full pay, no waiting period) .....	77	91	96	55	65	64	73	60	84	90
Sick leave (partial pay or waiting period) .....	9	-	1	32	1	1	15	19	-	9
Hospitalization insurance .....	95	100	85	94	100	98	100	99	100	96
Surgical insurance .....	94	100	79	94	100	98	100	99	100	96
Medical insurance .....	80	70	72	83	62	81	81	97	80	96
Catastrophe insurance .....	63	39	33	87	64	79	70	48	91	83
Retirement pension .....	99	100	98	99	99	97	100	100	96	99
No health, insurance, or pension plan .....	-	-	-	-	-	-	-	-	-	-

<sup>1</sup> Includes only those plans for which at least part of the cost is borne by the employer and excludes legally required plans such as workmen's compensation and social security; however, those plans required by temporary disability insurance laws were included if financed at least in part by the employer.

<sup>2</sup> Unduplicated total of workers receiving sick leave or sickness and accident insurance shown separately.

Table 53. Health, Insurance, and Pension Plans: By Type of System—Physical and Office Workers

(Percent of workers in electric and gas systems with specified health, insurance, and pension plans by type of system, United States, July 1962)

Type of plan <sup>1</sup>	Physical workers				Office workers			
	Electric systems	Natural gas transmission systems	Other gas systems	Combination systems (electric and gas)	Electric systems	Natural gas transmission systems	Other gas systems	Combination systems (electric and gas)
All workers .....	100	100	100	100	100	100	100	100
Workers in systems providing:								
Life insurance .....	100	83	100	99	100	83	100	99
Accidental death and dismemberment insurance .....	36	30	22	30	37	21	21	33
Sickness and accident insurance or sick leave or both <sup>2</sup> .....	91	99	89	96	89	99	89	92
Sickness and accident insurance .....	23	13	36	55	22	13	38	52
Sick leave (full pay, no waiting period) .....	70	88	77	75	75	93	82	73
Sick leave (partial pay or waiting period) .....	15	10	7	19	7	3	2	17
Hospitalization insurance .....	94	96	98	98	98	96	97	92
Surgical insurance .....	94	96	98	86	98	96	98	88
Medical insurance .....	78	84	88	70	82	85	88	72
Catastrophe insurance .....	62	88	56	58	66	93	59	56
Retirement pension .....	99	97	98	100	98	97	98	100
No health, insurance, or pension plan .....	-	-	-	-	-	-	-	-

<sup>1</sup> Includes only those plans for which at least part of the cost is borne by the employer and excludes legally required plans such as workmen's compensation and social security; however, those plans required by temporary disability insurance laws were included if financed at least in part by the employer.

<sup>2</sup> Unduplicated total of workers receiving sick leave or sickness and accident insurance shown separately.

Table 54. Paid Funeral and Jury Duty Leave: All Systems—Physical and Office Workers

(Percent of workers in electric and gas systems with provisions for paid funeral and jury duty leave, United States and regions, July 1962)

Item	United States	New England	Middle Atlantic	Border States	Southeast	Southwest	Great Lakes	Middle West	Mountain	Pacific
	Physical workers									
Workers in systems with provisions for:										
Paid funeral leave .....	86	90	100	84	85	54	95	90	78	61
Paid jury duty leave .....	92	93	99	100	95	82	95	99	90	61
	Office workers									
Workers in systems with provisions for:										
Paid funeral leave .....	85	88	100	85	75	52	99	82	65	74
Paid jury duty leave .....	92	92	99	100	88	83	97	92	77	74



## Appendix A: Scope and Method of Survey

### Scope of Survey

The survey included privately operated utility companies or systems engaged in the (1) generation, transmission and/or distribution of electric energy; (2) transmission and/or storage of natural gas; (3) transmission and distribution of natural gas, and the manufacture and/or distribution of manufactured or mixed gas; and (4) production and/or distribution of both electricity and gas (industry groups 491, 492, and 493 as classified in the 1957 edition of the Standard Industrial Classification Manual, prepared by the U.S. Bureau of the Budget). Allied services rendered by the systems (such as water, steam heat or power, telephone services, and transportation) were excluded.

The systems studied were selected from those employing 100 or more workers at the time of reference of the data used in compiling the universe lists.

The number of systems and workers actually studied by the Bureau, as well as the number estimated to be in the industry during the payroll period studied, are shown in the table on the following page.

### Method of Study

Data were obtained by personal visits of Bureau field economists under the direction of the Bureau's Assistant Regional Directors for Wages and Industrial Relations. The survey was conducted on a sample basis. To obtain appropriate accuracy at minimum cost, a greater proportion of large than of small systems was studied. In combining the data, however, all systems were given their appropriate weight. All estimates are presented, therefore, as relating to all systems in the industry group, excluding only those below the minimum size at the time of reference of the universe data.

### Definition of System

A system, for purposes of this study, includes the outlying as well as central location (or locations) at which electricity is generated or from which gas is distributed, transmitted, and/or stored. If both a parent company and subsidiary were operating systems, these were considered as separate units, for purposes of this study.

### Employment

The estimates of the number of workers within the scope of the study are intended as a general guide to the size and composition of the labor force included in the survey. The advance planning necessary to make a wage survey requires the use of lists of systems assembled considerably in advance of the payroll period studied.

### Nonsupervisory Workers

The term "nonsupervisory workers," as used in this bulletin, includes employees such as line and cablemen, maintenance and repairmen, power dispatchers, electricians, meter readers, laborers, general office clerks, office-machine operators, janitors and watchmen, and other employees below the supervisory level whose services are closely associated with those of employees listed above. Administrative, executive, professional, and technical employees were excluded. Nonsupervisory workers were divided into two groups—physical workers and office workers.

Physical Workers. In this survey working foremen and other nonsupervisory workers engaged in nonoffice functions are called physical workers in accordance with industry nomenclature. Temporary or force-account construction employees, who were utilized as a separate work force engaged in construction of major additions or alterations, were excluded. Permanent employees who were regularly employed on routine construction work, however, were included. Physical workers employed in services other than gas or electric were excluded.

Estimated number of systems and workers within scope of survey and number studied, electric and gas systems, July 1962

Type of system and region	Number of systems <sup>1</sup>		Number of workers in systems within scope of study			Studied		
	Within scope of study	Studied	Total <sup>2</sup>	Nonsupervisory workers		Total <sup>2</sup>	Nonsupervisory workers	
				Physical	Office		Physical	Office
<b>All systems:</b>								
United States -----	350	238	523, 291	290, 115	115, 187	478, 219	264, 016	104, 282
New England -----	52	33	32, 887	19, 272	6, 311	28, 618	16, 688	5, 440
Middle Atlantic -----	41	33	119, 330	69, 755	25, 879	112, 752	66, 091	24, 600
Border States -----	28	16	38, 544	22, 368	9, 009	32, 734	19, 211	7, 645
Southeast -----	42	23	40, 113	23, 065	7, 874	35, 821	20, 578	7, 045
Southwest -----	49	33	61, 997	30, 248	14, 767	56, 640	27, 433	13, 405
Great Lakes -----	63	43	124, 306	67, 713	29, 407	110, 519	58, 286	25, 446
Middle West -----	33	25	36, 599	21, 678	7, 659	33, 991	20, 827	7, 040
Mountain -----	20	16	19, 712	11, 158	3, 591	19, 159	10, 905	3, 461
Pacific -----	22	16	49, 803	24, 858	10, 690	47, 985	23, 997	10, 200
<b>Electric systems:</b>								
United States <sup>3</sup> -----	138	89	196, 236	108, 279	40, 356	175, 239	96, 159	35, 884
New England -----	28	17	19, 498	11, 472	3, 630	17, 063	9, 936	3, 132
Middle Atlantic -----	12	10	22, 629	12, 876	3, 835	21, 836	12, 473	3, 685
Southeast -----	22	12	30, 184	17, 498	5, 575	27, 776	16, 005	5, 224
Southwest -----	17	13	25, 853	13, 534	5, 702	23, 586	12, 381	5, 127
Great Lakes -----	22	14	54, 229	29, 465	12, 251	47, 450	25, 526	10, 830
Middle West -----	9	6	10, 247	5, 818	2, 109	9, 863	5, 500	2, 024
Mountain -----	6	5	4, 313	2, 593	846	4, 160	2, 474	826
Pacific -----	7	6	16, 206	7, 545	3, 335	15, 911	7, 380	3, 267
<b>Gas transmission systems:</b>								
United States <sup>3</sup> -----	32	23	32, 511	17, 733	7, 164	29, 602	16, 241	6, 497
Southwest -----	14	9	16, 369	7, 439	4, 412	14, 761	6, 581	4, 069
<b>Other gas systems:</b>								
United States -----	108	68	105, 588	53, 274	24, 171	96, 062	48, 195	21, 852
New England -----	16	10	6, 194	3, 655	1, 291	4, 736	2, 827	978
Middle Atlantic -----	18	13	22, 954	12, 961	4, 947	20, 528	11, 730	4, 396
Border States -----	8	5	8, 008	3, 603	1, 423	7, 681	3, 440	1, 363
Southeast -----	17	8	6, 783	3, 748	1, 628	4, 899	2, 754	1, 150
Southwest -----	14	7	13, 939	6, 096	3, 219	12, 457	5, 292	2, 775
Great Lakes -----	18	12	26, 627	12, 680	6, 333	25, 323	12, 046	6, 016
Middle West -----	6	5	9, 542	5, 159	2, 107	9, 373	4, 864	2, 074
Mountain -----	5	3	2, 341	1, 358	536	2, 103	1, 288	459
Pacific -----	6	5	9, 200	4, 014	2, 687	8, 962	3, 954	2, 641
<b>Combination systems (electric and gas):</b>								
United States <sup>3</sup> -----	72	58	188, 956	110, 829	43, 496	177, 316	103, 421	40, 049
New England -----	6	5	6, 847	3, 967	1, 328	6, 645	3, 836	1, 299
Middle Atlantic -----	10	9	72, 980	43, 480	16, 988	69, 621	41, 450	16, 410
Border States -----	4	4	16, 176	10, 607	4, 258	16, 176	10, 607	4, 258
Southwest -----	4	4	5, 836	3, 179	1, 434	5, 836	3, 179	1, 434
Great Lakes -----	19	14	38, 988	23, 151	10, 027	33, 981	18, 622	8, 012
Middle West -----	15	11	13, 768	8, 141	2, 778	11, 713	7, 903	2, 277
Mountain -----	5	5	8, 732	4, 390	1, 637	8, 732	4, 390	1, 637
Pacific -----	7	4	23, 861	12, 987	4, 564	22, 844	12, 507	4, 240

<sup>1</sup> Includes only systems with 100 or more workers at the time of reference of the universe data.<sup>2</sup> Includes executive, professional, and other employees excluded from the nonsupervisory workers category.<sup>3</sup> Includes data for regions in addition to those shown separately.

**Office Workers.** The term "office workers," as used in this bulletin, includes all nonsupervisory office workers. Office workers who may have been employed in the operation of allied services were included.

#### Occupations Selected for Study

Occupational classification was based on a uniform set of occupational descriptions designed to take account of intersystem and interarea variations in duties within the same

job. (See appendix B for these descriptions.) The occupations were chosen for their numerical importance, their usefulness in collective bargaining, or their representativeness of the entire job scale in the industry. Working supervisors, apprentices, learners, beginners, trainees, handicapped, part-time, temporary, and probationary workers were not reported in the data for selected occupations, but were included in the data for all physical and office workers.

### Wage Data

The wage information relates to average straight-time hourly earnings, excluding premium pay for overtime and for work on weekends, holidays, and late shifts. Incentive payments, such as those resulting from piecework or production bonus systems, and cost-of-living bonuses, were included as part of the workers' regular pay; but nonproduction bonus payments, such as Christmas or yearend bonuses, were excluded. The hourly earnings of salaried workers were obtained by dividing straight-time salary by normal rather than actual hours.<sup>8</sup>

### Comparison with Other Statistics

The straight-time hourly earnings presented in this bulletin differ in concept from the gross average hourly earnings published in the Bureau's monthly hours and earnings series. Unlike the latter, the estimates presented here exclude premium pay for overtime and for work on weekends, holidays, and late shifts. Average earnings were calculated from the weighted data by summing individual hourly earnings and dividing by the number of individuals. In the monthly series, the sum of the man-hour totals reported by systems in the industry were divided into the reported payroll totals.

### System Practices and Supplementary Wage Provisions

Supplementary benefits and practices were treated statistically on the basis that if formal provisions for supplementary benefits and practices were applicable to half or more of the physical workers in a system, the practices or benefits were considered applicable to all such workers. Similarly, if fewer than half of the workers were covered, the practice or benefit was considered nonexistent in the system. Because of length-of-service and other eligibility requirements, the proportion of workers receiving the benefits may be smaller than estimated. Because of rounding, sums of individual items may not equal totals.

Weekly Hours. Data relate to the predominant work schedule for physical workers (or office workers) employed on the day shift, regardless of sex.

Shift Differential Practices. Data relate to the practice in those systems operating extra shifts during the payroll period studied.

Paid Holidays. Paid holiday provisions relate to full-day and half-day holidays provided annually.

Paid Vacations. The summary of vacation plans is limited to formal arrangements, excluding informal plans, whereby time off with pay is granted at the discretion of the employer or the supervisor. The periods of service for which data are presented were selected as representative of the most common practices, but they do not necessarily reflect individual system provisions for progression. For example, the changes in proportions indicated at 5 years of service include changes in provisions which may have occurred after 4 years.

Health, Insurance, and Pension Plans. Data are presented for all health, insurance, and pension plans for which all or a part of the cost is borne by the employer, excluding only programs required by law, such as workmen's compensation and social security. Among the plans included are those underwritten by a commercial insurance company and those paid directly by the employer from his current operating funds or from a fund set aside for this purpose.

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<sup>8</sup> Average hourly rates or earnings for each occupation or other group of workers, such as men, women, or physical workers, were obtained by weighting each rate (or hourly earnings) by the number of workers receiving the rate.



Death benefits are included as a form of life insurance. Sickness and accident insurance is limited to that type of insurance under which predetermined cash payments are made directly to the insured on a weekly or monthly basis during illness or accident disability. Information is presented for all such plans to which the employer contributes at least a part of the cost.

Tabulations of paid sick leave plans are limited to formal plans which provide full pay or a proportion of the worker's pay during absence from work because of illness; informal arrangements have been omitted. Separate tabulations are provided according to (1) plans which provide full pay and no waiting period, and (2) plans providing either partial pay or a waiting period.

Medical insurance refers to plans providing for complete or partial payment of doctors' fees. Such plans may be underwritten by a commercial insurance company or a nonprofit organization, or may be self-insured.

Catastrophe insurance, sometimes referred to as extended medical insurance, includes the plans designed to cover employees in case of sickness or injury involving an expense which goes beyond the normal coverage of hospitalization, medical, and surgical plans.

Tabulations of retirement plans are limited to plans which provide regular payments upon retirement for the remainder of the worker's life.

Paid Funeral and Jury Duty Leave. Tabulations of paid funeral and jury duty leave are limited to formal plans which provide at least partial payment for time lost as a result of attending funerals in the family or serving as a juror.

## Appendix B: Occupational Descriptions

The primary purpose of preparing job descriptions for the Bureau's wage surveys is to assist its field staff in classifying into appropriate occupations workers who are employed under a variety of payroll titles and different work arrangements from establishment to establishment and from area to area. This permits the grouping of occupational wage rates representing comparable job content. Because of this emphasis on interestablishment and interarea comparability of occupational content, the Bureau's job descriptions may differ significantly from those in use in individual establishments or those prepared for other purposes. In applying these job descriptions, the Bureau's field economists are instructed to exclude working supervisors, apprentices, learners, beginners, trainees, handicapped, part-time, temporary, and probationary workers.

### Physical Occupations

#### AUXILIARY-EQUIPMENT OPERATOR, ELECTRIC

Operates such equipment (auxiliary to boilers or turbines) as pumps, condensers, evaporators, deaerators, water-treating equipment, blowers, compressors, and coal-pulverizers, in a generating plant; also, checks and reports or records instrument readings. Coal-conveyor operators are excluded.

#### AUXILIARY-EQUIPMENT OPERATOR, GAS PRODUCTION

Operates one or more units of auxiliary equipment, such as exhausters, condensers, tar extractors, scrubbers, pressure regulators, and fuel handling, purifying or purging equipment in a gas production plant. Work involves: Controlling the flow of gas, water, steam, oil, tar, etc., between units; observing pressure gages, thermometers, flow meters, and other instruments in order to operate equipment properly and to test gas for elimination of impurities; and making necessary adjustments and minor repairs.

#### AUXILIARY-EQUIPMENT OPERATOR, GAS TRANSMISSION

(Auxiliary engineer; auxiliary operator; auxiliary plant operator)

Operates auxiliary engines, generators, motors, pumps, and other auxiliary equipment during the assigned shift. Maintains constant check of instrument control board to assure effective output. Increases or decreases facilities in operations as load needs change, requiring proper phasing of motors. Examines condition of equipment, observes oil level and pressure, lubricates moving parts, and checks for water and oil leaks, knocks, or engine misses. May make minor adjustments to auxiliary equipment when needed and record hourly pressure and temperature readings.

#### BOILER OPERATOR

(Fireman)

Operates one or more boilers used to generate power. Work involves: Regulating rate of fuel, air and water supply, and ash disposal on boilers equipped with mechanical types of combustion equipment (stoker, pulverized fuel, oil, or gas); inspecting and observing boiler performance; and using standard instruments in order to regulate and maintain proper steam pressure.

COMPRESSOR OPERATOR

(Engine-room operator; assistant shift engineer; booster-pump operator)

Operates internal combustion and/or turbine engine-driven compressor units and other related equipment during the assigned shift. Loads and unloads compressor, starts and stops engines, controls the speed of the engines, and controls the speed of the engines to maintain designated operating pressures, temperatures, and lubrication. May make minor adjustments and repairs to compressor engines and equipment when needed.

CONTROL-ROOM OPERATOR

(Mechanical operator; steam-plant operator)

Under general supervision, operates the control-room switchboards of a steam generating station to assure maximum efficiency of all equipment and switchgear which have their controls in the control room, including boilers, turbines, and generators. Work involves most of the following: Observes control board gages and instruments which indicate load changes, temperatures, pressures, flow of steam and air, coal conditions, flow of water, etc.; operates necessary controls to assure maximum efficiency of boilers and turbines; starts and stops turbines and other machines as necessary; inspects automatic controls, checking operation of auxiliary equipment; and performs necessary operations in connection with regular inspection and cleaning of equipment.

CONTROL-ROOM OPERATOR, ASSISTANT

Usually, under direct supervision, assists control-room operator or assistant engineer of a steam generating station in the operation of equipment and switchgear which have their controls in the control room, including boilers, turbines, and generators. Work involves most of the following: Operates controls to produce maximum boiler and turbine efficiency, subject to decision of supervisor; recording instrument readings as required; making routine inspections of equipment, noting temperatures, loading, and operating conditions and reporting conditions to supervisor; inspecting and cleaning sumps, pumps, gages, intake screens, ignition burners, and oil torches, and lancing boiler tubes when necessary; and occasionally, fires boilers from cold to full pressure and starts turbines, under supervision.

CORROSION TECHNICIAN

(Cathodic engineers, Senior; cathodic technician)

Conducts surface potential and pipe-to-soil surveys on the main lines, feeder lines, and dehydration equipment within the assigned area. Makes soil resistivity tests to effectively locate new cathodic protection installations. Installs and maintains electrical equipment associated with the prevention of corrosion requiring knowledge of powerline distribution systems and electrical safety codes. Tests protected pipeline to measure the efficiency of installed units.

DISTRICT REPRESENTATIVE

(Utilityman; serviceman)

Usually serves as all-round company representative in outlying areas adjacent to central cities wherein work does not ordinarily justify employment of more specialized personnel. Work involves most of the following: Reading meters; connecting and disconnecting meters; collecting overdue bills; making minor repairs on meters and/or appliances; and maintaining records of services performed.

DRIP PUMPER

(Dripman)

Pumps the accumulation of water and drip oil out of drip pots. Work involves: Knowledge of the location of the various drip pots in the distribution system; making the connection between the main and the drip collecting truck; and operating either machine or hand pumping equipment in removing the condensate. May, in addition, drive a truck.

ELECTRICIAN, MAINTENANCE

Performs a variety of electrical trade functions such as the installation, maintenance, or repair of equipment for the generating, distribution, or utilization of electric energy in an establishment. Work involves most of the following: Installing or repairing any of a variety of electrical equipment such as generators, transformers, switchboards, controllers, circuit breakers, motors, heating units, conduit systems, or other transmission equipment; working from blueprints, drawings, layout, or other specifications; locating and diagnosing trouble in the electrical system or equipment; working standard computations relating to load requirements of wiring or electrical equipment; and using a variety of electrician's handtools and measuring and testing instruments. In general, the work of the maintenance electrician requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

GAS DISPATCHER

Insures adequate supply of gas of suitable pressure to meet consumer demands by directing control of volume of gas entering distribution system. Work involves: Determining pressure adjustments necessary to meet current conditions; issuing instructions to increase or decrease pressure in accordance with determined requirements; and if mixed gas is used, determines if proper mixture is being maintained and instructs mixing station to correct deviations.

GAS-MAIN FITTER

(Gasfitter, street department; gas-street man; pipelayer)

Performs laying, joining, and related tasks in installing, removing, or repairing gas mains, services, and related equipment, or in repairing leaks. May, in addition, do welding work, assist in excavation work, or direct helpers or laborers in this work.

GAS-MAIN FITTER'S HELPER

Assists the gas-main fitter in laying, joining, removing, or repairing gas mains, services, and related equipment. Work involves a combination of the following: Performing excavation work; cutting and threading gas pipe to size in preparation for connection; assisting fitter or welder in making welds; and cutting out section of pipe to be replaced.

GASMAKER

Operates hand-operated or automatic gasmaking equipment (gas producers, water gas sets, etc.) to manufacture producer gas, blue gas, carbureted water gas, reformed refinery oil gas, or reformed natural gas. Work involves: Directing and assisting in charging coal or coke into generator; maintaining gas-making cycle including admission of air, steam, oil, and gases to the generating equipment in proper sequence and for required period of time; observing conditions to determine if gas is being produced properly; keeping record of operations, materials used, and gas produced. May, in addition, control operations of pumps, exhausters, and related equipment.

GROUNDMAN

Serves as a helper to a lineman in the setting up of overhead lines for the transmission of electricity. Work involves: Handling and passing necessary materials, tools, and related equipment from the ground to poles within reach of lineman; digging holes; and hoisting poles.

GUARD

Performs routine police duties, either at fixed post or on tour, maintaining order, using arms or force where necessary. Includes gatemen who are stationed at gate and check on identity of employees and other persons entering.

INSPECTOR

(Leak inspector; maintenance inspector)

Inspects installations and equipment of a gas utility company to insure safe and efficient operation of the installations. Work involves: Inspecting distribution mains and services to locate leaks by making flash tests or by taking samples, using a combustible indicator; and making a report on the findings. May, in addition, perform other duties connected with the inspection and servicing of meters and regulators.

INSTALLER, GASMETER

Installs and removes gasmeters and connects and disconnects gas supply to meters. May, in addition, make minor adjustments and repairs on customer's appliances, and may perform simple appliance installation work.

This classification does not include workers whose duties are primarily connected with the installation, servicing, and repairing of gas appliances.

JANITOR, PORTER, OR CLEANER

(Sweeper; charwoman; janitress)

Cleans and keeps in an orderly condition factory working areas and washrooms, or premises of an office, apartment house, or commercial or other establishment. Duties involve a combination of the following: Sweeping, mopping or scrubbing and polishing floors; removing chips, trash, and other refuse; dusting equipment, furniture, or fixtures; polishing metal fixtures or trimmings; providing supplies and minor maintenance services; cleaning lavatories, showers, and restrooms. Workers who specialize in window washing are excluded.

LABORER, GAS PLANT

(Clinkerman; gas-plant helper)

Performs various laboring tasks in gasmaking or gas purification plant, such as: Removing ashes and hard clinker material from the generator of a gas producer or water-gas set; loading coal or coke in handtrucks from storage pile or railway cars, transporting to generator and periodically charging fuel into generator; mixing purifying material and renewing mixtures in purification vats; cleaning tar separators; assisting maintenance workers or gasmakers; and performing miscellaneous cleanup work around plant.

LABORER, MAIN INSTALLATION AND SERVICE

Performs such laboring tasks as digging ditches, backfilling, and lifting and carrying materials involved in the installation, removal, or repair of gas mains.

LEAK LOCATOR, GAS

(Gas-leak inspector)

Inspects gas pipelines to locate leaks. Makes test holes in ground and operates combustible gas indicator to determine extent and approximate location of leakage.

LINEMAN, JOURNEYMAN

(Lineman, 1st class)

A journeyman who performs individually, or with the assistance of helpers, construction and maintenance work related to the erection and repair of overhead transmission or distribution powerlines of all classes and voltages, structures and other equipment to conduct electricity from power source to place of use. May be required to specialize on live primary lines of high voltage using hot line tools.

Linemen employed only on secondary lines of low voltage are excluded.

LOAD DISPATCHER

(System operator)

Supervises on one or more shifts all station and substation operations in the production of electricity by issuing telephonic orders based upon the allocation of load (current production and demand) and the operation of high tension lines including interconnections with other companies. Uses his knowledge of generating equipment and operating setups in all stations on the system to direct in detail the handling of normal and emergency situations, proper loading of apparatus and circuits.

MACHINIST, MAINTENANCE

Produces replacement parts and new parts in making repairs of metal parts of mechanical equipment operated in an establishment. Work involves most of the following: Interpreting written instructions and specifications; planning and laying out of work; using a variety of machinist's handtools and precision measuring instruments; setting up and operating standard machine tools; shaping of metal parts to close tolerances; making standard shop computations relating to dimensions of work, tooling, feeds and speeds of machining; knowledge of the working properties of the common metals; selecting standard materials, parts, and equipment required for his work; and fitting and assembling parts into mechanical equipment. In general, the machinist's work normally requires a rounded training in machine-shop practice usually acquired through a formal apprenticeship or equivalent training and experience.

MECHANIC, AUTOMOTIVE (MAINTENANCE)

Repairs automobiles, buses, motortrucks, and tractors of an establishment. Work involves most of the following: Examining automotive equipment to diagnose source of trouble; disassembling equipment and performing repairs that involve the use of such handtools as wrenches, gages, drills or specialized equipment in disassembling or fitting parts; replacing broken or defective parts from stock; grinding and adjusting valves; reassembling and installing the various assemblies in the vehicle and making necessary adjustments; alining wheels, adjusting brakes and lights, or tightening body bolts. In general, the work of the automotive mechanic requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

MECHANIC, MAINTENANCE

Repairs machinery or mechanical equipment of an establishment. Work involves most of the following: Examining machines and mechanical equipment to diagnose source of trouble; dismantling or partly dismantling machines and performing repairs that mainly involve the use of handtools in scraping and fitting parts; replacing broken or defective parts with items obtained from stock; ordering the production of a replacement part by a machine shop or sending of the machine to a machine shop for major repairs; preparing written specifications for major repairs or for the production of parts ordered from machine shop; reassembling machines; and making all necessary adjustments for operation. In general, the work of a maintenance mechanic requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience. Excluded from this classification are workers whose primary duties involve setting up or adjusting machines.

METERMAN

(Meter repairman)

Tests, repairs, and may make installations of meters in company-owned plants and substations or on customer's premises.

Workers who specialize in the tasks of a meter installer or in routinized single phase testing are excluded.

For wage study purposes, metermen are classified as follows:

Class A—Tests, calibrates, repairs, and may install all types of switchboards, portable, or other meters (polyphase or instrument transformers).

Class B—Tests, repairs, and may install single phase or self-contained poly-phase meters. May perform duties listed for class A meterman under direct supervision.

METER READER

Reads meters consisting of recording dials to note consumption of electricity, gas, steam, or water during period elapsed since previous reading; records finding for billing purposes. Observes and reports changes in customer location, rate classifications, leaks, grounds, meter tampering, power diversion, and other irregularities.

METER REPAIRMAN, GAS TRANSMISSION

(Measurement technician; meter inspector)

Tests, calibrates, repairs, and adjusts positive and orifice meters and other measuring and regulating equipment used in recording volumes of gas. Dismantles equipment, examines parts and mechanisms, replaces worn or broken parts, and reassembles and tests for proper operation. May inspect, repair, or adjust gas measurement and dehydration equipment in the maintenance shop or at the field location.

OILER

Assists compressor operator in operation of the compressor engines and other related equipment, during the assigned shift. Operates by-pass valves, observes pressures, assists compressor operator in loading and unloading compressors, and starting and stopping engines. Lubricates all moving parts, wipes up excess oil and cleans engines. Periodically checks bearings, lubricating systems, and water temperatures. Performs plant housekeeping duties incidental to orderly station upkeep.

PATROLMAN

(Line walker; line inspector)

Patrols electric transmission lines to inspect visually and report condition of transmission and distribution lines, substations and related equipment. Work involves: Searching for insulator or wire breakage or damage; preparing written report on condition of equipment and evidence of obstructions that might result in breakdown of electric service; and ordinarily is not required to make repairs.

PIPEFITTER, MAINTENANCE

Installs or repairs water, steam, gas, or other types of pipe and pipe fittings in an establishment. Work involves most of the following: Laying out of work and measuring to locate position of pipe from drawings or other written specifications; cutting various sizes of pipe to correct lengths with chisel and hammer or oxyacetylene torch or pipecutting machine; threading pipe with stocks and dies; bending pipe by hand-driven or power-driven machines; assembling pipe with couplings and fastening pipe to hangers; making standard shop computations relating to pressures, flow, and size of pipe required; and making standard tests to determine whether finished pipes meet specifications. In general, the work of the maintenance pipefitter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience. Workers primarily engaged in installing and repairing building sanitation or heating systems are excluded.

PIPELINE LEADMAN

(Crew chief; subcrew foreman; crew foreman)

Acts in the capacity of leadman, directing pipeline maintenance crew. Installs and maintains main line, feeder line, and dehydration equipment. Repairs and services main line valves, assembles and disassembles purchase and sales meter installations. Instructs maintenance crew in facilities operating, repairing and safety procedures, and use and care of tools and work equipment.

PIPELINE REPAIRMAN

Performs general duties to maintain pipeline right-of-way. As a member of pipeline crew, repairs and services main line valves, assists in installation and maintenance of main line, feeder line, and dehydration equipment. Repairs terraces and washouts, cuts weeds and plants grass, repairs and rebuilds fences, and stencils mile post markers. May perform helper's duties to welder, operators of trucks, cranes and crawler-tread tractors.

RADIO TECHNICIAN

(Radio engineer, Senior)

Installs, repairs, and maintains base and mobile radio and telephone communication equipment. Dismantles equipment, examines and adjusts parts and mechanisms, replaces worn or broken parts, reassembles, and tests for proper operation. Transfers equipment to other mobile units. Operates and maintains the testing apparatus needed for repair. May inspect, adjust, and repair communication equipment in the maintenance shop or at the field location.

REPAIRMAN, GASMETER

Cleans and repairs one or more types of gasmeters. Work involves a combination of the following: Disassembling gear train, cleaning, and repairing or replacing corroded or worn parts; dismantling and repairing or replacing cracked or broken bellows; removing, regrinding, and reinstalling valves; reassembling and adjusting meters, including indexes and prepayment devices; and performing tests on meters.

REPAIRMAN HELPER, GASMETER

(Shopman)

Assists the meter repair and testing crew by performing such tasks as: Unloading, sorting, and cleaning meters brought in for repairs; dismantling or stripping meters; washing or removing paint from unassembled parts; oiling meter diaphragms; painting reassembled meters; and storing repaired meters.

ROUSTABOUT

(Pipeline repairman; repairman)

Performs manual duties in connection with compressor and pipeline operation and maintenance. Digs ditches, dopes and backfills yard piping, loads and unloads trucks, performs general yard cleanup. Acts as helper in maintenance crew, painting equipment and buildings, and rough carpentry as needed. Assists in major or minor engine and pipeline repair operations under the direction of a skilled lead man.

SERVICEMAN, ELECTRICAL APPLIANCE

Installs, services, or repairs one or more types of electrical appliances in the shop or on the customer's premises.

SERVICEMAN, GAS APPLIANCE

Services, repairs, and installs gas appliances and controls in homes, commercial, or industrial establishments. Work involves a combination of the following: Connecting and disconnecting customer's gas appliances or equipment; cleaning, regulating, and repairing one or more types of gas equipment and automatic devices such as thermostats, thermocouples, solenoid valves, pressure regulators, and such other devices as may be in use on stoves, water heaters, furnaces, air-conditioning units, refrigerators, and other gas-consuming appliances; checking for and repairing gas leaks on customer's premises; and making investigations incident to high bill complaints. May, in addition, install and remove gas meters and regulators and may turn gas on or off on customer's premises.

This classification does not include workers who specialize in meter installation work.



SERVICEMAN, REGULATOR

(Regulator repairman)

Installs and removes, regulates, adjusts, inspects, and repairs all types of gas regulator devices, located throughout the gas distribution system to control the pressure.

STOCK CLERK

Receives, stores, and issues equipment, material, merchandise, or tools in a stockroom or storeroom. Work involves a combination of the following: Checking incoming orders; storing supplies; applying identification to articles; issuing supplies; taking periodic inventory or keeping perpetual inventory; making up necessary reports; and requesting or ordering supplies when needed. Stockroom laborers, tool crib attendants, and employees who supervise stock clerks and laborers are excluded.

SUBSTATION OPERATOR

Is in charge of and carries responsibility for substation to which assigned. Work involves most of the following: Directing, advising, and delegating tasks to all workers in the substation; responsibility for the operation of all equipment and for minor types of maintenance and repair; properly switching high and low voltage feeders associated with the station; carrying out order issued by the load dispatcher; and observing normal and emergency operating methods and regulations.

SWITCHBOARD OPERATOR

(Generator-switchboard operator; hydrostation operator)

Checks and carries out orders received from load dispatcher (system operator) relative to switching in either a steam or hydrogenerating plant. Work involves: Distributing load on generating equipment; maintaining proper voltage and frequency; and keeping a log of load conditions on machines, lines, and transformer banks. In hydrogenerating plants, these switching duties may be combined with other plant operations (i.e., generator operating).

Operators of switchboards in substations are excluded.

For wage study purposes, switchboard operators are classified as follows:

Class A—Performs frequent switching and testing in a plant with high generating capacity having varied and complex equipment, wherein disturbances in the system might have far-reaching effects in causing interruptions to service over a large area which involves high voltage.

Class B—Performs less frequent switching and testing in a plant having a limited amount of varied equipment, wherein disturbances would have little effect upon the systems. Usually found in plants having low generating capacity.

TROUBLEMAN

(Troubleshooter)

A journeyman lineman with extensive knowledge of either transmission or distribution systems who performs the following duties in an effort to assure customer continuous electric service in cases of trouble: Locates and reports sources of trouble; and performs necessary construction, maintenance or repair to restore service in cases of line transformer or fuse failures. Ordinarily familiar with all circuits and switching points in order to safely cut circuit feeders in cases of "burn downs."

TRUCKDRIVER

Drives a truck within a city or industrial area to transport materials, merchandise, equipment, or men between various types of establishments such as: Manufacturing plants, freight depots, warehouses, wholesale and retail establishments, or between retail establishments and customers' houses or places of business. May also load or unload truck with or without helpers, make minor mechanical repairs, and keep truck in good working order. Driver-salesmen and over-the-road drivers are excluded.

For wage study purposes, truckdrivers are classified by size and type of equipment, as follows: (Tractor-trailer should be rated on the basis of trailer capacity.)

Truckdriver (combination of sizes listed separately)

Truckdriver, light (under 1½ tons)

Truckdriver, medium (1½ to and including 4 tons)

Truckdriver, heavy (over 4 tons)

TRUCKDRIVER-GROUNDMAN

Works as helper to a lineman in the setting up of overhead lines for the transmission of electricity; duties include driving a truck which is generally equipped with a winch.

TURBINE OPERATOR

(Turbo-generator operator)

Controls operations of turbines and/or generators used in the production of electric power within steam and hydroelectric plants. Observes, records, and interprets readings of all standard indicators or instruments customarily used in a power plant to determine efficiency of operation; and is responsible for starting and shutting down of turbines, generators, and/or auxiliary equipment, in accordance with local demands. May be assisted by helpers or auxiliary-equipment operators.

WATCH ENGINEER

(Shift engineer; plant operator)

Supervises employees responsible for the operation and maintenance of turbines, generators, boilers, switchboards, transformers, and other equipment or machinery in a steam power or lighting plant supplying mechanical or electrical power for distribution. In larger plants, may be found working under the general direction of the superintendent-in-charge.

WELDER

(District welder; welder A or AA)

Performs electric and oxyacetylene welding required for pipeline district and compressor station operation and maintenance. Lays out, cuts, files, and prepares material for welding. Fabricates drips and valve assemblies, sets road casings, and performs the welding required for pipeline repair and for maintenance of rolling stock and stationary equipment. May perform pipefitting duties necessary for pipeline installations. Must have a general knowledge of the working properties of metals and understand the hazards involved in welding high pressure vessels. May direct other maintenance personnel assigned to assist with welding operation.

Office OccupationsBILLER, MACHINE

Prepares statements, bills, and invoices on a machine other than an ordinary or electromatic typewriter. May also keep records as to billings or shipping charges or perform other clerical work incidental to billing operations. For wage study purposes, billers, machine, are classified by type of machine, as follows:

Biller, machine (billing machine)—Uses a special billing machine (Moon Hopkins, Elliott Fisher, Burroughs, etc., which are combination typing and adding machines) to prepare bills and invoices from customers' purchase orders, internally prepared orders, shipping memorandums, etc. Usually involves application of predetermined discounts and shipping charges and entry of necessary extensions, which may or may not be computed on the billing machine, and totals which are automatically accumulated by machine. The operation usually involves a large number of carbon copies of the bill being prepared and is often done on a fanfold machine.

BOOKKEEPING-MACHINE OPERATOR

Operates a bookkeeping machine (Remington Rand, Elliott Fisher, Sundstrand, Burroughs, National Cash Register, with or without a typewriter keyboard) to keep a record of business transactions.

Class A—Keeps a set of records requiring a knowledge of and experience in basic bookkeeping principles and familiarity with the structure of the particular accounting system used. Determines proper records and distribution of debit and credit items to be used in each phase of the work. May prepare consolidated reports, balance sheets, and other records by hand.

Class B—Keeps a record of one or more phases or sections of a set of records usually requiring little knowledge of basic bookkeeping. Phases or sections include accounts payable, payroll, customers' accounts (not including a simple type of billing described under biller, machine), cost distribution, expense distribution, inventory control, etc. May check or assist in preparation of trial balances and prepare control sheets for the accounting department.

CASHIER

Receives money from customers in payment of accounts, bills, or sales tickets, gives receipts, makes necessary change, and balances cash received against cash register or other record of receipts. Additional duties may include: Cashing checks, authorizing disbursements, or making up payroll or bank deposits. Cashiers who do general bookkeeping are excluded.

CLERK, ACCOUNTING

Class A—Under general direction of a bookkeeper or accountant, has responsibility for keeping one or more sections of a complete set of books or records relating to one phase of an establishment's business transactions. Work involves

CLERK, ACCOUNTING—Continued

posting and balancing subsidiary ledger or ledgers such as accounts receivable or accounts payable; examining and coding invoices or vouchers with proper accounting distribution; and requires judgment and experience in making proper assignments and allocations. May assist in preparing, adjusting and closing journal entries; and may direct class B accounting clerks.

Class B—Under supervision, performs one or more routine accounting operations such as posting simple journal vouchers or accounts payable vouchers, entering vouchers in voucher registers; reconciling bank accounts; and posting subsidiary ledgers controlled by general ledgers, or posting simple cost accounting data. This job does not require a knowledge of accounting and bookkeeping principles but is found in offices in which the more routine accounting work is subdivided on a functional basis among several workers.

CLERK, FILE

Class A—In an established filing system containing a number of varied subject matter files, classifies and indexes file material such as correspondence, reports, technical documents, etc. May also file this material. May keep records of various types in conjunction with the files. May lead a small group of lower level file clerks.

Class B—Sorts, codes, and files unclassified material by simple (subject matter) headings or partly classified material by finer subheadings. Prepares simple related index and cross-reference aids. As requested, locates clearly identified material in files and forwards material. May perform related clerical tasks required to maintain and service files.

Class C—Performs routine filing of material that has already been classified or which is easily classified in a simple serial classification system (e.g., alphabetical, chronological, or numerical). As requested, locates readily available material in files and forwards material; may fill out withdrawal charge. Performs simple clerical and manual tasks required to maintain and service files.

CLERK, ORDER

Receives customers' orders for material or merchandise by mail, phone, or personally. Duties involve any combination of the following: Quoting prices to customers; making out an order sheet listing the items to make up the order; checking prices and quantities of items on order sheet; and distributing order sheets to respective departments to be filled. May check with credit department to determine credit rating of customer, acknowledge receipt of orders from customers, follow up orders to see that they have been filled, keep file of orders received, and check shipping invoices with original orders.

CLERK, PAYROLL

Computes wages of company employees and enters the necessary data on the payroll sheets. Duties involve: Calculating workers' earnings based on time or production records; posting calculated data on payroll sheet, showing information such as worker's name, working days, time, rate, deductions for insurance, and total wages due. May make out paychecks and assist paymaster in making up and distributing pay envelopes. May use a calculating machine.

COMPTOMETER OPERATOR

Primary duty is to operate a Comptometer to perform mathematical computations. This job is not to be confused with that of statistical or other type of clerk, which may involve frequent use of a Comptometer but, in which, use of this machine is incidental to performance of other duties.

DUPLICATING-MACHINE OPERATOR (MIMEOGRAPH OR DITTO)

Under general supervision and with no supervisory responsibilities, reproduces multiple copies of typewritten or handwritten matter, using a Mimeograph or Ditto machine. Makes necessary adjustment such as for ink and paper feed counter and cylinder speed. Is not required to prepare stencil or Ditto master. May keep file of used stencils or Ditto masters. May sort, collate, and staple completed material.

KEYPUNCH OPERATOR

Class A—Operates a numerical and/or alphabetical or combination keypunch machine to transcribe data from various source documents to keypunch tabulating cards.

Performs same tasks as lower level keypunch operator but in addition, work requires application of coding skills and the making of some determinations, for example, locates on the source document the items to be punched; extracts information from several documents; and searches for and interprets information on the document to determine information to be punched. May train inexperienced operators.

Class B—Under close supervision or following specific procedures or instructions, transcribes data from source documents to punched cards. Operates a numerical and/or alphabetical or combination keypunch machine to keypunch tabulating cards. May verify cards.

Working from various standardized source documents, follows specified sequences which have been coded or prescribed in detail and require little or no selecting, coding, or interpreting data to be punched. Problems arising from erroneous items or codes, missing information, etc., are referred to supervisor.

OFFICE BOY OR GIRL

Performs various routine duties such as running errands, operating minor office machines such as sealers or mailers, opening and distributing mail, and other minor clerical work.

SECRETARY

Performs secretarial and clerical duties for a superior in an administrative or executive position. Duties include making appointments for superior; receiving people coming into office; answering and making phone calls; handling personal and important or confidential mail, and writing routine correspondence on own initiative; and taking dictation (where transcribing machine is not used) either in shorthand or by Stenotype or similar machine, and transcribing dictation or the recorded information reproduced on a transcribing machine. May prepare special reports or memorandums for information of superior.

STENOGRAPHER, GENERAL

Primary duty is to take dictation from one or more persons either in shorthand or by Stenotype or similar machine, involving a normal routine vocabulary; and transcribe dictation. May also type from written copy. May maintain files, keep simple records or perform other relatively routine clerical tasks. May operate from a stenographic pool. Does not include transcribing-machine work. (See transcribing-machine operator.)

STENOGRAPHER, SENIOR

Primary duty is to take dictation from one or more persons, either in shorthand or by Stenotype or similar machine, involving a varied technical or specialized vocabulary such as in legal briefs or reports on scientific research and transcribe dictation. May also type from written copy. May also set up and maintain files, keep records, etc.

OR

Performs stenographic duties requiring significantly greater independence and responsibility than stenographer, general as evidenced by the following: Work requires high degree of stenographer speed and accuracy; a thorough working knowledge of general business

STENOGRAPHER, SENIOR—Continued

and office procedure and of the specific business operations, organization, policies, procedures, files, workflow, etc. Uses this knowledge in performing stenographic duties and responsible clerical tasks such as, maintaining followup files; assembling material for reports, memoranda, letters, etc.; composing simple letters from general instructions; reading and routing incoming mail; answering routine questions, etc. Does not include transcribing-machine work.

NOTE: This job is distinguished from that of a secretary in that the secretary normally works in a confidential relationship to only one manager or executive and performs more responsible and discretionary tasks as described in that job definition.

SWITCHBOARD OPERATOR

Operates a single- or multiple-position telephone switchboard. Duties involve handling incoming, outgoing, and intraplant or office calls. May record toll calls and take messages. May give information to persons who call in, or occasionally take telephone orders. For workers who also act as receptionists, see switchboard operator-receptionist.

SWITCHBOARD OPERATOR-RECEPTIONIST

In addition to performing duties of operator, on a single position or monitor-type switchboard, acts as receptionist and may also type or perform routine clerical work as part of regular duties. This typing or clerical work may take the major part of this worker's time while at switchboard.

TABULATING-MACHINE OPERATOR

Class A—Operates a variety of tabulating or electrical accounting machines, typically including such machines as the tabulator, calculator, interpreter, collator, and others. Performs complete reporting assignments without close supervision, and performs difficult wiring as required. The complete reporting and tabulating assignments typically involve a variety of long and complex reports which often are of irregular or nonrecurring type requiring some planning and sequencing of steps to be taken. As a more experienced operator, is typically involved in training new operators in machine operations, or partially trained operators in wiring from diagrams and operating sequences of long and complex reports. Does not include working supervisors performing tabulating-machine operations and day-to-day supervision of the work and production of a group of tabulating-machine operators.

Class B—Operates more difficult tabulating or electrical accounting machines such as the tabulator and calculator, in addition to the sorter, reproducer, and collator. This work is performed under specific instructions and may include the performance of some wiring from diagrams. The work typically involves, for example, tabulations involving a repetitive accounting exercise, a complete but small tabulating study, or parts of a longer and more complex report. Such reports and studies are usually of a recurring nature where the procedures are well established. May also include the training of new employees in the basic operation of the machine.

Class C—Operates simple tabulating or electrical accounting machines such as the sorter, reproducing punch, collator, etc., with specific instructions. May include simple wiring from diagrams and some filing work. The work typically involves portions of a work unit, for example, individual sorting or collating runs, or repetitive operations.

TRANSCRIBING-MACHINE OPERATOR, GENERAL

Primary duty is to transcribe dictation involving a normal routine vocabulary from transcribing-machine records. May also type from written copy and do simple clerical work. Workers transcribing dictation involving a varied technical or specialized vocabulary such as legal briefs or reports on scientific research are not included. A worker who takes dictation in shorthand or by Stenotype or similar machine is classified as a stenographer, general.

TYPIST

Uses a typewriter to make copies of various material or to make out bills after calculations have been made by another person. May include typing of stencils, mats, or similar materials for use in duplicating processes. May do clerical work involving little special training, such as keeping simple records, filing records and reports, or sorting and distributing incoming mail.

Class A—Performs one or more of the following: Typing material in final form when it involves combining material from several sources or responsibility for correct spelling, syllabication, punctuation, etc., of technical or unusual words or foreign language material; and planning layout and typing of complicated statistical tables to maintain uniformity and balance in spacing. May type routine form letters varying details to suit circumstances.

Class B—Performs one or more of the following: Copy typing from rough or clear drafts; routine typing of forms, insurance policies, etc.; and setting up simple standard tabulations, or copying more complex tables already set up and spaced properly.

## INDUSTRY WAGE STUDIES

The following reports cover part of the Bureau's program of industry wage surveys. These reports cover the period 1950 to date and may be obtained free upon request as long as a supply is available. However, those for which a price is shown are available only from the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402, or any of its regional sales offices.

### I. Occupational Wage Studies

#### Manufacturing

##### Apparel:

- Men's Dress Shirts and Nightwear, 1950 - Series 2, No. 80
- Men's and Boys' Dress Shirts and Nightwear, 1954 - BLS Report 74
- \*Men's and Boys' Shirts (Except Work Shirts) and Nightwear, 1956 - BLS Report 116
- Men's and Boys' Shirts (Except Work Shirts) and Nightwear, 1961 - BLS Bulletin 1323 (40 cents)
- Men's and Boys' Suits and Coats, 1958 - BLS Report 140
- Women's and Misses' Coats and Suits, 1957 - BLS Report 122
- Women's and Misses' Coats and Suits, 1962 - BLS Bulletin 1371 (25 cents)
- Women's and Misses' Dresses, 1960 - BLS Report 193
- Work Clothing, 1953 - BLS Report 51
- Work Clothing, 1961 - BLS Bulletin 1321 (35 cents)
- \*Work Shirts, 1955 and 1956 - BLS Report 115
- \*Work Shirts, 1957 - BLS Report 124

##### Chemicals and Petroleum:

- Fertilizer, 1949-50 - Series 2, No. 77
- \*Fertilizer Manufacturing, 1955 and 1956 - BLS Report 111
- \*Fertilizer Manufacturing, 1957 - BLS Report 132
- Fertilizer Manufacturing, 1962 - BLS Bulletin 1362 (40 cents)
- Industrial Chemicals, 1951 - Series 2, No. 87
- Industrial Chemicals, 1955 - BLS Report 103
- Paints and Varnishes, 1961 - BLS Bulletin 1318 (30 cents)
- Petroleum Production and Refining, 1951 - Series 2, No. 83
- Petroleum Refining, 1959 - BLS Report 158
- Synthetic Fibers, 1958 - BLS Report 143

##### Food:

- Candy and Other Confectionery Products, 1960 - BLS Report 195
- \*Canning and Freezing, 1955 and 1956 - BLS Report 117
- \*Canning and Freezing, 1957 - BLS Report 136
- Distilled Liquors, 1952 - Series 2, No. 88
- Flour and Other Grain Mill Products, 1961 - BLS Bulletin 1337 (30 cents)
- Fluid Milk Industry, 1960 - BLS Report 174
- \*Raw Sugar, 1955 and 1956 - BLS Report 117
- \*Raw Sugar, 1957 - BLS Report 136

##### Leather:

- Footwear, 1953 - BLS Report 46
- \*Footwear, 1955 and 1956 - BLS Report 115
- Footwear, 1957 - BLS Report 133
- Footwear, 1962 - BLS Bulletin 1360 (45 cents)
- Leather Tanning and Finishing, 1954 - BLS Report 80
- Leather Tanning and Finishing, 1959 - BLS Report 150
- Leather Tanning and Finishing, 1963 - BLS Bulletin 1378 (40 cents)

##### Lumber and Furniture:

- Household Furniture, 1954 - BLS Report 76
- Lumber in the South, 1949 and 1950 - Series 2, No. 76
- Southern Lumber Industry, 1953 - BLS Report 45
- \*Southern Sawmills, 1955 and 1956 - BLS Report 113
- \*Southern Sawmills, 1957 - BLS Report 130
- Southern Sawmills and Planing Mills, 1962 - BLS Bulletin 1361 (30 cents)
- West Coast Sawmilling, 1952 - BLS Report 7
- West Coast Sawmilling, 1959 - BLS Report 156
- Wood Household Furniture, Except Upholstered, 1959 - BLS Report 152
- Wood Household Furniture, Except Upholstered, 1962 - BLS Bulletin 1369 (40 cents)
- \*Wooden Containers, 1955 and 1956 - BLS Report 115
- \*Wooden Containers, 1957 - BLS Report 126

##### Paper and Allied Products:

- Pulp, Paper, and Paperboard, 1952 - Series 2, No. 81
- Pulp, Paper, and Paperboard Mills, 1962 - BLS Bulletin 1341 (40 cents)

##### Primary Metals, Fabricated Metal Products and Machinery:

- Basic Iron and Steel, 1951 - Series 2, No. 91
- Basic Iron and Steel, 1962 - BLS Bulletin 1358 (30 cents)
- Fabricated Structural Steel, 1957 - BLS Report 123
- Gray Iron Foundries, 1959 - BLS Report 151
- Nonferrous Foundries, 1951 - Series 2, No. 82
- Nonferrous Foundries, 1960 - BLS Report 180
- Machinery Industries, 1953-54 - BLS Bulletin 1160 (40 cents)
- Machinery Industries, 1954-55 - BLS Report 93
- Machinery Manufacturing, 1955-56 - BLS Report 107
- Machinery Manufacturing, 1957-58 - BLS Report 139
- Machinery Manufacturing, 1958-59 - BLS Report 147
- Machinery Manufacturing, 1959-60 - BLS Report 170
- Machinery Manufacturing, 1961 - BLS Bulletin 1309 (30 cents)
- Machinery Manufacturing, 1962 - BLS Bulletin 1352 (40 cents)
- Radio, Television, and Related Products, 1951 - Series 2, No. 84
- Steel Foundries, 1951 - Series 2, No. 85

##### Rubber and Plastics Products:

- Miscellaneous Plastics Products, 1960 - BLS Report 168

##### Stone, Clay, and Glass:

- Pressed or Blown Glass and Glassware, 1960 - BLS Report 177
- Structural Clay Products, 1954 - BLS Report 77
- Structural Clay Products, 1960 - BLS Report 172

##### Textiles:

- Cotton Textiles, 1954 - BLS Report 82
- Cotton Textiles, 1960 - BLS Report 184
- Cotton and Synthetic Textiles, 1952 - Series 2, No. 89
- Hosiery, 1952 - BLS Report 34
- Hosiery, 1962 - BLS Bulletin 1349 (45 cents)
- Miscellaneous Textiles, 1953 - BLS Report 56
- \*Processed Waste, 1955 and 1956 - BLS Report 115
- \*Processed Waste, 1957 - BLS Report 124
- \*Seamless Hosiery, 1955 and 1956 - BLS Report 112
- \*Seamless Hosiery, 1957 - BLS Report 129
- Synthetic Textiles, 1954 - BLS Report 87
- Synthetic Textiles, 1960 - BLS Report 192
- Textile Dyeing and Finishing, 1956 - BLS Report 110
- Textile Dyeing and Finishing, 1961 - BLS Bulletin 1311 (35 cents)
- Woolen and Worsted Textiles, 1952 - Series 2, No. 90
- Wool Textiles, 1957 - BLS Report 134
- Wool Textiles, 1962 - BLS Bulletin 1372 (45 cents)

##### Tobacco:

- Cigar Manufacturing, 1955 - BLS Report 97
- \*Cigar Manufacturing, 1956 - BLS Report 117
- Cigar Manufacturing, 1961 - BLS Bulletin 1317 (30 cents)
- Cigarette Manufacturing, 1960 - BLS Report 167
- \*Tobacco Stemming and Redrying, 1955 and 1956 - BLS Report 117
- \*Tobacco Stemming and Redrying, 1957 - BLS Report 136

##### Transportation:

- Motor Vehicles and Parts, 1950 - BLS Bulletin 1015 (20 cents)
- Motor Vehicles and Motor Vehicle Parts, 1957 - BLS Report 128
- Railroad Cars, 1952 - Series 2, No. 86

\* Studies of the effects of the \$1 minimum wage.



## I. Occupational Wage Studies—Continued

### *Nonmanufacturing*

Auto Dealer Repair Shops, 1958 - BLS Report 141	Electric and Gas Utilities, 1952 - BLS Report 12
Banking Industry, 1960 - BLS Report 179	Electric and Gas Utilities, 1957 - BLS Report 135
Contract Cleaning Services, 1961 - BLS Bulletin 1327 (25 cents)	Hospitals, 1960 - BLS Bulletin 1294 (50 cents)
Crude Petroleum and Natural Gas Production, 1960 - BLS Report 181	Hotels, 1960 - BLS Report 173
Department and Women's Ready-to-Wear Stores, 1950 - Series 2, No. 78	Hotels and Motels, 1961 - BLS Bulletin 1328 (30 cents)
Eating and Drinking Places, 1961 - BLS Bulletin 1329 (40 cents)	Life Insurance, 1961 - BLS Bulletin 1324 (30 cents)
Electric and Gas Utilities, 1950 - Series 2, No. 79	Power Laundries and Cleaning Services, 1961 - BLS Bulletin 1333 (45 cents)
	Power Laundries and Dry Cleaners, 1960 - BLS Report 178

## II. Other Industry Wage Studies

Communications Workers, Earnings in October 1956 - BLS Report 121  
Communications Workers, Earnings in October 1957 - BLS Report 138  
Communications Workers, Earnings in October 1958 - BLS Report 149  
Communications Workers, Earnings in October 1959 - BLS Report 171  
Communications, October 1960 - BLS Bulletin 1306 (20 cents)  
Communications, 1961 - BLS Bulletin 1343 (20 cents)  
Factory Workers' Earnings - Distributions by Straight-Time Hourly Earnings, 1954 - BLS Bulletin 1179 (25 cents)  
Factory Workers' Earnings - 5 Industry Groups, 1956 - BLS Report 118  
Factory Workers' Earnings - Distribution by Straight-Time Hourly Earnings, 1958 - BLS Bulletin 1252 (40 cents)  
Factory Workers' Earnings - Selected Manufacturing Industries, 1959 - BLS Bulletin 1275 (35 cents)  
Wages in Nonmetropolitan Areas, South and North Central Regions, October 1960 - BLS Report 190

### Retail Trade:

Employee Earnings in Retail Building Materials, Hardware, and Farm Equipment Dealers, June 1961 -  
BLS Bulletin 1338-1 (25 cents)  
Employee Earnings in Retail General Merchandise Stores, June 1961 - BLS Bulletin 1338-2 (40 cents)  
Employee Earnings in Retail Food Stores, June 1961 - BLS Bulletin 1338-3 (35 cents)  
Employee Earnings at Retail Automotive Dealers and in Gasoline Service Stations, June 1961 -  
BLS Bulletin 1338-4 (40 cents)  
Employee Earnings in Retail Apparel and Accessory Stores, June 1961 - BLS Bulletin 1338-5 (40 cents)  
Employee Earnings in Retail Furniture, Home Furnishings, and Household Appliance Stores, June 1961 -  
BLS Bulletin 1338-6 (40 cents)  
Employee Earnings in Miscellaneous Retail Stores, June 1961 - BLS Bulletin 1338-7 (35 cents)  
Employee Earnings in Retail Trade, June 1961 (Overall Summary of the Industry) -  
BLS Bulletin 1338-8 (45 cents)

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## Regional Offices

U. S. Department of Labor  
Bureau of Labor Statistics  
18 Oliver Street  
Boston, Mass. 02110

U. S. Department of Labor  
Bureau of Labor Statistics  
341 Ninth Avenue  
New York, N. Y. 10001

U. S. Department of Labor  
Bureau of Labor Statistics  
1371 Peachtree Street, NE.  
Atlanta, Ga. 30309

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Bureau of Labor Statistics  
1365 Ontario Street  
Cleveland, Ohio 44114

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Bureau of Labor Statistics  
105 West Adams Street  
Chicago, Ill. 60603

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Bureau of Labor Statistics  
630 Sansome Street  
San Francisco, Calif. 94111