

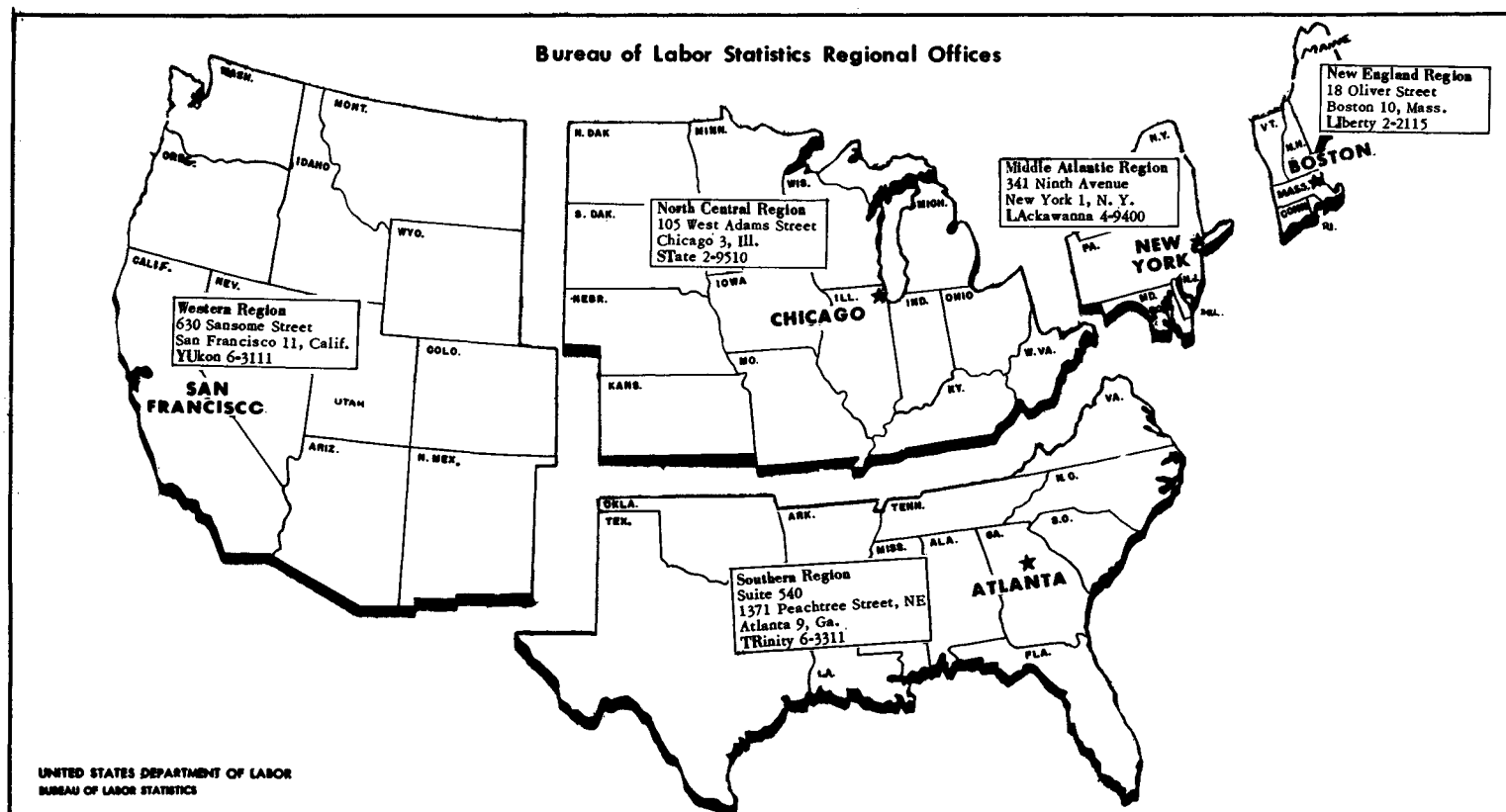
Occupational Wage Survey

NEWARK AND JERSEY CITY, NEW JERSEY
FEBRUARY 1960

Bulletin No. 1265-28

UNITED STATES DEPARTMENT OF LABOR
James P. Mitchell, Secretary

BUREAU OF LABOR STATISTICS
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Preface

The Community Wage Survey Program

The Bureau of Labor Statistics regularly conducts areawide wage surveys in a number of important industrial centers. The studies, made from late fall to early spring, relate to occupational earnings and related supplementary benefits. A preliminary report is available on completion of the study in each area, usually in the month following the payroll period studied. This bulletin provides additional data not included in the earlier report. A consolidated analytical bulletin summarizing the results of all of the year's surveys is issued after completion of the final area bulletin for the current round of surveys.

This report was prepared in the Bureau's regional office in New York, N. Y., by Elliott A. Browar, under the direction of Frederick W. Mueller, Regional Wage and Industrial Relations Analyst.

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* NOTE: Similar tabulations are available in the Newark-Jersey City area reports for November 1951 and 1952, December 1953, 1954, 1955, 1957, and 1958. The latter report was limited to occupational earnings. A directory indicating date of study and the price of the reports, as well as reports for other major areas, is available upon request.

Current reports on occupational earnings and supplementary wage practices in the Newark-Jersey City area are also available for gray iron foundries (April 1959), leather tanning and finishing (May 1959), miscellaneous plastics products (February 1960), and machinery industries (February 1960). Union scales, indicative of prevailing pay levels, are available for the following trades or industries: Building construction, printing, local-transit operating employees, and motortruck drivers and helpers.

Occupational Wage Survey—Newark and Jersey City, N. J.

Introduction

This area is one of several important industrial centers in which the U.S. Department of Labor's Bureau of Labor Statistics has conducted surveys of occupational earnings and related wage benefits on an areawide basis. In this area, data were obtained by personal visits of Bureau field economists to representative establishments within six broad industry divisions: Manufacturing; transportation,¹ communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Major industry groups excluded from these studies are government operations and the construction and extractive industries. Establishments having fewer than a prescribed number of workers are omitted also because they furnish insufficient employment in the occupations studied to warrant inclusion. Wherever possible, separate tabulations are provided for each of the broad industry divisions.

These surveys are conducted on a sample basis because of the unnecessary cost involved in surveying all establishments. To obtain appropriate accuracy at minimum cost, a greater proportion of large than of small establishments is studied. In combining the data, however, all establishments are given their appropriate weight. Estimates based on the establishments studied are presented, therefore, as relating to all establishments in the industry grouping and area, except for those below the minimum size studied.

Occupations and Earnings

The occupations selected for study are common to a variety of manufacturing and nonmanufacturing industries. Occupational classification is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (See appendix for listing of these descriptions.) Earnings data are presented (in the A-series tables) for the following types of occupations: (a) Office clerical; (b) professional and technical; (c) maintenance and powerplant; and (d) custodial and material movement.

Occupational employment and earnings data are shown for full-time workers, i. e., those hired to work a regular weekly schedule in the given occupational classification. Earnings data exclude premium pay for overtime and for work on weekends, holidays, and

late shifts. Nonproduction bonuses are excluded also, but cost-of-living bonuses and incentive earnings are included. Where weekly hours are reported, as for office clerical occupations, reference is to the work schedules (rounded to the nearest half hour) for which straight-time salaries are paid; average weekly earnings for these occupations have been rounded to the nearest half dollar.

Average earnings of men and women are presented separately for selected occupations in which both sexes are commonly employed. Differences in pay levels of men and women in these occupations are largely due to (1) differences in the distribution of the sexes among industries and establishments; (2) differences in specific duties performed, although the occupations are appropriately classified within the same survey job description; and (3) differences in length of service or merit review when individual salaries are adjusted on this basis. Longer average service of men would result in higher average pay when both sexes are employed within the same rate range. Job descriptions used in classifying employees in these surveys are usually more generalized than those used in individual establishments to allow for minor differences among establishments in specific duties performed.

Occupational employment estimates represent the total in all establishments within the scope of the study and not the number actually surveyed. Because of differences in occupational structure among establishments, the estimates of occupational employment obtained from the sample of establishments studied serve only to indicate the relative importance of the jobs studied. These differences in occupational structure do not materially affect the accuracy of the earnings data.

Establishment Practices and Supplementary Wage Provisions

Information is presented also (in the B-series tables) on selected establishment practices and supplementary benefits as they relate to office and plant workers. The term "office workers," as used in this bulletin, includes working supervisors and nonsupervisory workers performing clerical or related functions, and excludes administrative, executive, and professional personnel. "Plant workers" include working foremen and all nonsupervisory workers (including leadmen and trainees) engaged in nonoffice functions. Administrative, executive, and professional employees, and force-account construction employees who are utilized as a separate work force are excluded. Cafeteria workers and routemen are excluded in manufacturing industries, but are included as plant workers in nonmanufacturing industries.

¹ Railroads, formerly excluded from the scope of these studies, have been added in nearly all of the areas to be studied during the winter of 1959-60; railroads will be added in the remaining areas next year. For scope of survey in this area, see footnote to "transportation, communication, and other public utilities" in table 1.

Shift differential data (table B-1) are limited to manufacturing industries. This information is presented both in terms of (a) establishment policy,² presented in terms of total plant worker employment, and (b) effective practice, presented on the basis of workers actually employed on the specified shift at the time of the survey. In establishments having varied differentials, the amount applying to a majority was used or, if no amount applied to a majority, the classification "other" was used. In establishments in which some late-shift hours are paid at normal rates, a differential was recorded only if it applied to a majority of the shift hours.

Minimum entrance rates (table B-2) relate only to the establishments visited. They are presented on an establishment, rather than on an employment basis. Paid holidays; paid vacations; and health, insurance, and pension plans are treated statistically on the basis that these are applicable to all plant or office workers if a majority of such workers are eligible or may eventually qualify for the practices listed. Scheduled hours are treated statistically on the basis that these are applicable to all plant or office workers if a majority are covered.³ Because of rounding, sums of individual items in these tabulations may not equal totals.

The first part of the paid holidays table presents the number of whole and half holidays actually provided. The second part combines whole and half holidays to show total holiday time.

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. Separate estimates are provided according to employer practice in computing vacation payments, such as time payments, percent of annual earnings, or flat-sum amounts. However, in the tabulations of vacation allowances, payments not on a time basis were converted; for example, a payment of 2 percent of annual earnings was considered as the equivalent of 1 week's pay.

² An establishment was considered as having a policy if it met either of the following conditions: (1) Operated late shifts at the time of the survey, or (2) had formal provisions covering late shifts.

³ Scheduled weekly hours for office workers (first section of table B-3) in surveys made prior to late 1957 and early 1958 were presented in terms of the proportion of women office workers employed in offices with the indicated weekly hours for women workers.

Data are presented for all health, insurance, and pension plans for which at least a part of the cost is borne by the employer, excepting only legal requirements such as workmen's compensation and social security. Such plans include those underwritten by a commercial insurance company and those provided through a union fund or paid directly by the employer out of current operating funds or from a fund set aside for this purpose. 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. However, in New York and New Jersey, which have enacted temporary disability insurance laws which require employer contributions,⁴ plans are included only if the employer (1) contributes more than is legally required, or (2) provides the employee with benefits which exceed the requirements of the law. Tabulations of paid sick-leave plans are limited to formal plans⁵ which provide full pay or a proportion of the worker's pay during absence from work because of illness. 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. In addition to the presentation of the proportions of workers who are provided sickness and accident insurance or paid sick leave, an unduplicated total is shown of workers who receive either or both types of benefits.

Catastrophe insurance, sometimes referred to as extended medical insurance, includes those plans which are designed to protect employees in case of sickness and injury involving expenses beyond the normal coverage of hospitalization, medical, and surgical plans. Medical insurance refers to plans providing for complete or partial payment of doctors' fees. Such plans may be underwritten by commercial insurance companies or nonprofit organizations or they may be self-insured. Tabulations of retirement pension plans are limited to those plans that provide monthly payments for the remainder of the worker's life.

⁴ The temporary disability laws in California and Rhode Island do not require employer contributions.

⁵ An establishment was considered as having a formal plan if it established at least the minimum number of days of sick leave that could be expected by each employee. Such a plan need not be written, but informal sick-leave allowances, determined on an individual basis, were excluded.

Table 1. Establishments and workers within scope of survey and number studied in Newark and Jersey City, N. J.,¹ by major industry division,² February 1960

Industry division	Minimum employment in establishments in scope of study	Number of establishments		Workers in establishments			
		Within scope of study ³	Studied	Within scope of study			Studied
				Total ⁴	Office	Plant	
All divisions	-	1, 147	264	415, 800	75, 000	262, 700	232, 690
Manufacturing	101	610	133	260, 500	33, 800	185, 200	133, 490
Nonmanufacturing	-	537	131	155, 300	41, 200	77, 500	99, 200
Transportation, communication, and other public utilities ⁵	101	74	22	49, 300	9, 200	29, 300	36, 770
Wholesale trade	51	184	34	20, 100	4, 700	8, 800	5, 810
Retail trade (except limited-price variety stores)	101	46	19	25, 700	2, 600	20, 300	19, 390
Finance, insurance, and real estate	51	94	27	29, 200	20, 500	500	19, 880
Services ⁷	51	139	29	31, 000	(⁸)	(⁸)	17, 350

¹ The Newark and Jersey City Metropolitan Areas (Essex, Morris, Union, and Hudson Counties). The "workers within scope of study" estimates shown in this table provide a reasonably accurate description of the size and composition of the labor force included in the survey. The estimates are not intended, however, to serve as a basis of comparison with other area employment indexes to measure employment trends or levels since (1) planning of wage surveys requires the use of establishment data compiled considerably in advance of the payroll period studied, and (2) small establishments are excluded from the scope of the survey.

² The 1957 revised edition of the Standard Industrial Classification Manual was used in classifying establishments by industry division. Major changes from the earlier edition (used in the Bureau's labor market wage survey program prior to the winter of 1958-1959) are the transfer of milk pasteurization plants and ready-mixed concrete establishments from trade (wholesale or retail) to manufacturing, and the transfer of radio and television broadcasting from services to the transportation, communication, and other public utilities division.

³ Includes all establishments with total employment at or above the minimum-size limitation. All outlets (within the area) of companies in such industries as trade, finance, auto repair service, and motion-picture theaters are considered as 1 establishment.

⁴ Includes executive, professional, and other workers excluded from the separate office and plant categories.

⁵ Railroads were included; taxicabs and services incidental to water transportation were excluded.

⁶ Estimate relates to real estate establishments only.

⁷ Hotels; personal services; business services; automobile repair shops; motion pictures; nonprofit membership organizations; and engineering and architectural services.

⁸ This industry division is represented in estimates for "all industries" and "nonmanufacturing" in the Series A and B tables, although coverage was insufficient to justify separate presentation of data.

Table 2. Indexes of standard weekly salaries and straight-time hourly earnings for selected occupational groups in Newark and Jersey City, N. J., February 1960 and December 1958, and percents of increase for selected periods

Industry and occupational group	Indexes (November 1952 = 100)		Percent increases from—					
	February 1960	December 1958	December 1958 to February 1960	December 1957 to December 1958	December 1955 to December 1957	December 1954 to December 1955	December 1953 to December 1954	November 1952 to December 1953
All industries:								
Office clerical (women)	135.6	129.3	4.9	3.5	9.6	3.8	3.9	5.7
Industrial nurses (women)	136.6	132.1	3.4	4.7	13.4	1.4	4.3	5.2
Skilled maintenance (men)	137.4	132.3	3.8	3.9	10.4	5.4	3.7	5.6
Unskilled plant (men)	138.9	134.9	3.0	5.0	8.6	6.0	4.2	7.1
Manufacturing:								
Office clerical (women)	136.1	132.0	3.1	4.6	10.8	3.8	3.7	5.9
Industrial nurses (women)	136.6	132.1	3.4	4.7	13.4	1.4	4.3	5.2
Skilled maintenance (men)	137.4	132.2	3.9	3.6	10.3	5.8	3.7	5.5
Unskilled plant (men)	144.5	139.6	3.5	5.6	10.1	6.9	4.1	7.8

Wage Trends for Selected Occupational Groups

Presented in table 2 are indexes of salaries of office clerical workers and industrial nurses, and of average earnings of selected plant worker groups.

For office clerical workers and industrial nurses, the indexes relate to average weekly salaries for normal hours of work, that is, the standard work schedule for which straight-time salaries are paid. For plant worker groups, they measure changes in straight-time hourly earnings, excluding premium pay for overtime and for work on week-ends, holidays, and late shifts. The indexes are based on data for selected key occupations and include most of the numerically important jobs within each group. The office clerical data are based on women in the following 18 jobs: Billers, machine (billing machine); bookkeeping-machine operators, class A and B; Comptometer operators; clerks, file, class A and B; clerks, order; clerks, payroll; keypunch operators; office girls; secretaries; stenographers, general; switchboard operators; switchboard operator-receptionists; tabulating-machine operators; transcribing-machine operators, general; and typists, class A and B. The industrial nurse data are based on women industrial nurses. Men in the following 10 skilled maintenance jobs and 3 unskilled jobs were included in the plant worker data: Skilled—carpenters; electricians; machinists; mechanics; mechanics, automotive; millwrights; painters; pipefitters; sheet-metal workers; and tool and die makers; unskilled—janitors, porters, and cleaners; laborers, material handling; and watchmen.

Average weekly salaries or average hourly earnings were computed for each of the selected occupations. The average salaries or hourly earnings were then multiplied by the average of 1953 and 1954 employment in the job. These weighted earnings for individual occupations were then totaled to obtain an aggregate for each occupational group. Finally, the ratio of these group aggregates for a given year to the aggregate for the base period (survey month, winter 1952-53)

was computed and the result multiplied by the base year index (100) to get the index for the given year.

Adjustments have been made where necessary to maintain comparability. For example, in most of the areas surveyed, railroads were included in the coverage of the surveys for the first time this year. In computing the indexes, data relating to the railroad industry were excluded.

The indexes measure, principally, the effects of (1) general salary and wage changes; (2) merit or other increases in pay received by individual workers while in the same job; and (3) changes in the labor force such as labor turnover, force expansions, force reductions, and changes in the proportion of workers employed by establishments with different pay levels. Changes in the labor force can cause increases or decreases in the occupational averages without actual wage changes. For example, a force expansion might increase the proportion of lower paid workers in a specific occupation and result in a drop in the average, whereas a reduction in the proportion of lower paid workers would have the opposite effect. The movement of a high-paying establishment out of an area could cause the average earnings to drop, even though no change in rates occurred in other area establishments.

The use of constant employment weights eliminates the effects of changes in the proportion of workers represented in each job included in the data. Nor are the indexes influenced by changes in standard work schedules or in premium pay for overtime, since they are based on pay for straight-time hours.

Indexes for the period 1953 to 1959 for workers in 17 major labor markets appeared in BLS Bull. 1240-22, Wages and Related Benefits, 20 Labor Markets, Winter 1958-59.

A: Occupational Earnings

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Table A-1. Office Occupations

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis by industry division, Newark and Jersey City, N. J., February 1960)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																		
		Weekly hours (Standard)	Weekly earnings (Standard)	\$35.00 and under 40.00	\$40.00 - 45.00	\$45.00 - 50.00	\$50.00 - 55.00	\$55.00 - 60.00	\$60.00 - 65.00	\$65.00 - 70.00	\$70.00 - 75.00	\$75.00 - 80.00	\$80.00 - 85.00	\$85.00 - 90.00	\$90.00 - 95.00	\$95.00 - 100.00	\$100.00 - 105.00	\$105.00 - 110.00	\$110.00 - 115.00	\$115.00 - 120.00	\$120.00 and over	
Men																						
Clerks, accounting, class A -----	560	38.0	\$97.50	-	-	-	-	13	12	12	16	22	50	41	85	60	68	41	39	42	59	
Manufacturing -----	294	38.5	98.50	-	-	-	-	-	-	1	9	3	26	30	60	31	42	15	24	38	15	
Nonmanufacturing -----	266	37.5	96.50	-	-	-	-	13	12	11	7	19	24	11	25	29	26	26	15	4	44	
Public utilities ² -----	82	37.0	95.00	-	-	-	-	-	-	1	3	11	2	8	8	23	14	9	-	-	3	
Wholesale trade -----	79	39.0	114.50	-	-	-	-	-	-	-	-	-	13	-	4	2	8	3	12	4	33	
Finance ⁴ -----	71	35.5	84.50	-	-	-	-	7	10	9	2	6	2	3	8	3	4	13	-	-	4	
Clerks, accounting, class B -----	340	37.5	86.50	-	-	2	8	5	28	48	14	34	18	32	24	18	16	93	-	-	-	
Manufacturing -----	149	39.5	83.50	-	-	-	2	1	18	19	4	19	12	23	16	9	9	17	-	-	-	
Nonmanufacturing -----	191	36.5	88.50	-	-	2	6	4	10	29	10	15	6	9	8	9	7	76	-	-	-	
Clerks, order -----	313	38.5	91.50	-	-	-	7	-	1	9	9	40	46	38	25	75	13	20	8	-	22	
Manufacturing -----	149	38.0	95.00	-	-	-	-	-	1	2	-	27	11	28	9	37	4	12	-	-	18	
Nonmanufacturing -----	164	38.5	88.00	-	-	-	7	-	-	7	9	13	35	10	16	38	9	8	8	-	4	
Wholesale trade -----	135	38.5	91.50	-	-	-	-	-	-	-	9	13	34	-	16	34	9	8	8	-	4	
Clerks, payroll -----	141	39.0	93.00	-	-	-	-	1	6	-	4	18	7	26	12	30	12	9	9	2	5	
Manufacturing -----	109	39.0	92.50	-	-	-	-	-	-	-	4	18	6	19	12	27	9	5	5	2	2	
Office boys -----	446	38.0	58.00	16	11	85	82	65	65	49	21	17	30	2	2	1	-	-	-	-	-	
Manufacturing -----	188	38.5	57.00	16	2	26	32	49	25	16	4	4	11	1	1	1	-	-	-	-	-	
Nonmanufacturing -----	258	37.5	59.00	-	9	59	50	16	40	33	17	13	19	1	1	-	-	-	-	-	-	
Public utilities ² -----	42	37.5	71.00	-	-	-	6	3	4	2	5	3	19	-	-	-	-	-	-	-	-	
Finance ⁴ -----	135	36.5	55.50	-	8	35	30	12	31	8	3	8	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class A -----	210	38.5	95.00	-	-	-	-	-	-	5	1	18	40	26	15	45	26	3	8	9	14	
Manufacturing -----	96	39.5	95.00	-	-	-	-	-	-	-	-	8	29	13	6	11	12	2	4	1	10	
Nonmanufacturing -----	114	38.0	94.50	-	-	-	-	-	-	5	1	10	11	13	9	34	14	1	4	8	4	
Tabulating-machine operators, class B -----	406	38.0	84.50	-	-	-	1	5	24	39	52	59	38	60	28	26	27	10	18	6	13	
Manufacturing -----	151	39.0	88.50	-	-	-	-	-	14	14	6	12	20	20	14	17	4	3	13	5	9	
Nonmanufacturing -----	255	37.5	82.50	-	-	-	1	5	10	25	46	47	18	40	14	9	23	7	5	1	4	
Finance ⁴ -----	169	37.0	77.50	-	-	-	1	5	9	19	37	40	11	35	4	2	2	4	-	-	-	
Tabulating-machine operators, class C -----	135	38.0	73.50	-	-	1	12	8	14	18	21	29	8	12	3	4	2	1	2	-	-	
Manufacturing -----	54	39.0	77.50	-	-	-	-	-	4	8	17	9	4	3	2	3	1	1	2	-	-	
Nonmanufacturing -----	81	37.5	70.50	-	-	1	12	8	10	10	4	20	4	9	1	1	1	-	-	-	-	
Women																						
Billers, machine (billing machine) -----	277	37.5	70.00	-	-	3	6	21	44	77	52	11	24	29	6	3	1	-	-	-	-	
Manufacturing -----	160	37.5	68.00	-	-	-	1	12	38	58	16	5	15	12	3	-	-	-	-	-	-	
Nonmanufacturing -----	117	38.0	73.00	-	-	3	5	9	6	19	36	6	9	17	3	3	1	-	-	-	-	
Public utilities ² -----	49	38.0	74.00	-	-	-	2	-	4	19	7	1	9	5	-	2	-	-	-	-	-	
Wholesale trade -----	52	38.0	75.50	-	-	-	-	9	-	-	23	3	-	12	3	1	1	-	-	-	-	

See footnotes at end of table.

NOTE: Estimates for all industries, nonmanufacturing, and public utilities include data for railroads (SIC 40), omitted from the scope of all labor market wage surveys made before the winter of 1959-60. Where significant, the effect of the inclusion of railroads is greatest on the data shown separately for the public utilities division. The trend of earnings in selected occupational groups in all industries, excluding railroads, appears in table 2.

Table A-1. Office Occupations—Continued

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis
by industry division, Newark and Jersey City, N.J., February 1960)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																		
		Weekly hours ¹ (Standard)	Weekly earnings ¹ (Standard)	\$35.00 and under 40.00	\$40.00 45.00	\$45.00 50.00	\$50.00 55.00	\$55.00 60.00	\$60.00 65.00	\$65.00 70.00	\$70.00 75.00	\$75.00 80.00	\$80.00 85.00	\$85.00 90.00	\$90.00 95.00	\$95.00 100.00	\$100.00 105.00	\$105.00 110.00	\$110.00 115.00	\$115.00 120.00	\$120.00 and over	
Women—Continued																						
Billers, machine (bookkeeping machine) _____	182	38.0	\$61.50	-	10	18	25	24	44	20	19	4	13	5	-	-	-	-	-	-	-	
Manufacturing _____	82	37.5	63.50	-	-	8	6	15	23	4	17	3	1	5	-	-	-	-	-	-	-	
Nonmanufacturing _____	100	39.0	60.00	-	10	10	19	9	21	16	2	1	12	-	-	-	-	-	-	-	-	
Bookkeeping-machine operators, class A _____	216	37.5	76.50	-	-	-	-	5	26	11	43	52	46	12	14	1	6	-	-	-	-	
Manufacturing _____	138	38.5	80.00	-	-	-	-	1	1	6	27	31	43	12	11	-	6	-	-	-	-	
Nonmanufacturing _____	78	36.0	70.00	-	-	-	-	4	25	5	16	21	3	-	3	1	-	-	-	-	-	
Bookkeeping-machine operators, class B _____	847	37.0	65.00	-	10	36	118	147	151	96	100	85	28	38	17	18	3	-	-	-	-	
Manufacturing _____	292	38.5	71.00	-	-	7	30	40	32	20	33	39	24	33	17	17	-	-	-	-	-	
Nonmanufacturing _____	555	36.5	62.00	-	10	29	88	107	119	76	67	46	4	5	-	1	3	-	-	-	-	
Wholesale trade _____	108	38.5	65.00	-	-	-	8	12	40	6	34	8	-	-	-	-	-	-	-	-	-	
Finance ⁴ _____	378	36.0	59.50	-	10	28	78	93	69	55	25	16	2	2	-	-	-	-	-	-	-	
Clerks, accounting, class A _____	611	38.0	85.50	-	-	1	1	24	26	44	79	68	70	47	80	28	84	30	10	6	13	
Manufacturing _____	341	39.0	87.50	-	-	-	-	2	12	31	44	26	33	28	67	17	47	20	4	4	6	
Nonmanufacturing _____	270	37.0	83.50	-	-	1	1	22	14	13	35	42	37	19	13	11	37	10	6	2	7	
Public utilities ³ _____	50	37.0	89.50	-	-	-	-	-	-	-	1	17	3	3	9	2	15	-	-	-	-	
Finance ⁴ _____	120	37.0	73.00	-	-	1	1	22	13	12	28	12	19	1	1	-	1	9	-	-	-	
Clerks, accounting, class B _____	1,313	37.5	67.00	-	12	49	143	227	201	152	224	119	47	72	29	29	4	2	2	1	-	
Manufacturing _____	588	38.5	69.50	-	-	2	23	89	103	74	128	80	26	19	20	21	1	1	1	-	-	
Nonmanufacturing _____	725	36.5	64.50	-	12	47	120	138	98	78	96	39	21	53	9	8	3	1	1	1	-	
Retail trade ⁶ _____	152	37.5	65.00	-	12	12	17	24	22	15	6	7	8	12	8	3	3	1	1	1	-	
Finance ⁴ _____	204	36.5	60.50	-	-	21	60	39	35	16	7	6	8	12	-	-	-	-	-	-	-	
Clerks, file, class A _____	376	38.0	67.00	-	8	40	21	58	84	24	16	34	48	6	15	10	4	6	-	2	-	
Manufacturing _____	92	39.0	74.00	-	-	-	4	4	26	3	12	13	14	3	-	4	3	4	-	2	-	
Nonmanufacturing _____	284	38.0	65.00	-	8	40	17	54	58	21	4	21	34	3	15	6	1	2	-	-	-	
Public utilities ³ _____	29	38.5	69.50	-	-	-	7	6	-	-	-	6	7	-	2	1	-	-	-	-	-	
Finance ⁴ _____	171	37.0	60.00	-	8	40	10	35	32	19	4	7	5	1	6	2	-	2	-	-	-	
Clerks, file, class B _____	1,237	37.5	54.50	61	63	231	410	185	123	55	36	56	10	6	-	1	-	-	-	-	-	
Manufacturing _____	252	39.0	62.50	-	9	5	39	51	61	30	10	34	6	6	-	1	-	-	-	-	-	
Nonmanufacturing _____	985	37.5	52.00	61	54	226	371	134	62	25	26	22	4	-	-	-	-	-	-	-	-	
Wholesale trade _____	81	39.0	52.50	-	18	12	26	8	10	3	-	-	4	-	-	-	-	-	-	-	-	
Finance ⁴ _____	759	37.0	50.50	59	32	201	297	110	44	9	4	3	-	-	-	-	-	-	-	-	-	
Clerks, order _____	489	38.5	69.00	-	4	24	49	59	66	59	54	85	29	20	14	13	10	2	1	-	-	
Manufacturing _____	290	38.0	72.50	-	-	-	14	32	49	9	40	78	29	19	14	4	-	2	-	-	-	
Nonmanufacturing _____	199	39.0	64.00	-	4	24	35	27	17	50	14	7	-	1	-	9	10	-	1	-	-	
Wholesale trade _____	131	38.5	69.00	-	-	4	16	16	14	48	8	4	-	1	-	9	10	-	1	-	-	
Retail trade ⁶ _____	64	39.0	53.50	-	4	20	19	11	3	2	2	3	-	-	-	-	-	-	-	-	-	
Clerks, payroll _____	878	38.5	76.50	-	-	2	25	68	127	85	142	114	68	85	47	32	13	38	8	18	6	
Manufacturing _____	671	38.5	76.00	-	-	-	17	48	112	62	124	78	42	60	41	30	6	34	6	9	2	
Nonmanufacturing _____	207	37.5	78.00	-	-	2	8	20	15	23	18	36	26	25	6	2	7	4	2	9	4	

See footnotes at end of table.

Table A-1. Office Occupations—Continued

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis by industry division, Newark and Jersey City, N.J., February 1960)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																		
		Weekly hours ¹ (Standard)	Weekly earnings ¹ (Standard)	\$ 35.00 and under 40.00	\$ 40.00 45.00	\$ 45.00 50.00	\$ 50.00 55.00	\$ 55.00 60.00	\$ 60.00 65.00	\$ 65.00 70.00	\$ 70.00 75.00	\$ 75.00 80.00	\$ 80.00 85.00	\$ 85.00 90.00	\$ 90.00 95.00	\$ 95.00 100.00	\$ 100.00 105.00	\$ 105.00 110.00	\$ 110.00 115.00	\$ 115.00 120.00	\$ 120.00 and over	
Women—Continued																						
Comptometer operators	734	37.5	\$75.00	-	2	3	29	41	64	79	154	146	80	49	36	13	32	4	2	-	-	
Manufacturing	347	38.0	76.00	-	-	-	5	16	16	37	113	52	49	24	12	2	21	-	-	-	-	
Nonmanufacturing	387	37.0	74.00	-	2	3	24	25	48	42	41	94	31	25	24	11	11	4	2	-	-	
Public utilities ²	47	35.0	74.50	-	-	-	-	-	9	10	8	9	2	3	3	3	-	-	-	-	-	
Wholesale trade	69	39.0	86.50	-	-	-	-	-	3	1	10	14	6	8	8	4	9	4	2	-	-	
Retail trade ⁴	192	37.5	72.00	-	2	3	10	14	25	24	18	57	16	8	10	4	1	-	-	-	-	
Finance ⁴	54	35.0	65.00	-	-	-	11	11	10	7	2	8	2	1	1	-	1	-	-	-	-	
Duplicating-machine operators (Mimeograph or Ditto)	73	38.0	61.00	6	-	8	20	8	8	1	5	1	10	1	5	-	-	-	-	-	-	
Keypunch operators	1,338	38.0	68.50	-	-	68	122	144	197	214	198	195	55	71	41	19	14	-	-	-	-	
Manufacturing	595	39.0	71.50	-	-	34	38	27	78	103	101	65	38	51	33	13	14	-	-	-	-	
Nonmanufacturing	743	37.0	66.00	-	-	34	84	117	119	111	97	130	17	20	8	6	-	-	-	-	-	
Wholesale trade	110	38.0	74.00	-	-	9	9	-	8	12	-	40	6	19	2	5	-	-	-	-	-	
Retail trade ⁴	56	38.0	65.00	-	-	-	10	5	10	6	19	4	2	-	-	-	-	-	-	-	-	
Finance ⁴	357	36.5	64.50	-	-	13	22	69	73	76	46	58	-	-	-	-	-	-	-	-	-	
Office girls	337	38.0	57.50	-	-	19	115	92	23	83	3	2	-	-	-	-	-	-	-	-	-	
Manufacturing	56	38.5	60.00	-	-	4	11	13	-	27	-	1	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	281	38.0	57.00	-	-	15	104	79	23	56	3	1	-	-	-	-	-	-	-	-	-	
Finance ⁴	130	37.0	53.50	-	-	9	89	18	8	4	2	-	-	-	-	-	-	-	-	-	-	
Secretaries	4,126	38.0	89.00	-	-	1	8	74	68	172	319	508	565	514	565	361	338	223	139	110	161	
Manufacturing	2,344	38.5	89.50	-	-	-	-	28	20	82	161	349	283	326	292	230	181	149	84	78	81	
Nonmanufacturing	1,782	37.5	88.50	-	-	1	8	46	48	90	158	159	282	188	273	131	157	74	55	32	80	
Public utilities ²	277	37.5	93.00	-	-	-	-	-	-	5	11	16	61	29	75	17	21	10	12	3	17	
Wholesale trade	264	38.5	90.00	-	-	-	3	-	-	10	24	17	77	15	27	15	35	12	7	10	12	
Retail trade ⁴	86	38.5	81.50	-	-	1	2	10	-	9	7	6	8	16	5	6	3	8	2	2	1	
Finance ⁴	679	36.5	82.50	-	-	-	3	36	38	62	97	81	86	80	41	53	54	9	19	9	11	
Stenographers, general	2,548	38.0	73.50	-	-	6	110	154	296	452	477	401	218	136	89	162	21	15	10	-	1	
Manufacturing	1,171	39.0	76.00	-	-	-	4	42	86	245	230	199	115	97	29	96	11	7	10	-	-	
Nonmanufacturing	1,377	37.5	71.50	-	-	6	106	112	210	207	247	202	103	39	60	66	10	8	-	-	1	
Public utilities ²	350	37.0	72.00	-	-	1	20	26	69	36	76	47	12	26	13	20	3	1	-	-	-	
Wholesale trade	196	38.5	76.50	-	-	-	-	18	20	24	43	20	23	9	18	13	4	3	-	-	1	
Finance ⁴	470	36.5	64.00	-	-	5	86	55	84	98	75	50	13	4	-	-	-	-	-	-	-	
Stenographers, technical	152	38.5	76.00	-	-	-	-	4	6	38	23	26	22	23	8	1	1	-	-	-	-	
Manufacturing	66	39.0	77.50	-	-	-	-	-	-	17	10	10	12	13	4	-	-	-	-	-	-	
Nonmanufacturing	86	38.0	74.50	-	-	-	-	4	6	21	13	16	10	10	4	1	1	-	-	-	-	
Switchboard operators	635	38.5	72.00	-	12	23	59	27	48	84	98	93	71	49	30	30	7	4	-	-	-	
Manufacturing	230	38.5	75.50	-	-	2	6	6	8	39	53	39	29	24	7	14	1	2	-	-	-	
Nonmanufacturing	405	38.5	70.00	-	12	21	53	21	40	45	45	54	42	25	23	16	6	2	-	-	-	
Public utilities ²	114	39.5	80.00	-	-	-	-	2	2	7	17	21	28	19	16	2	-	-	-	-	-	
Wholesale trade	60	38.5	77.50	-	-	-	8	-	-	12	6	9	8	3	3	6	3	2	-	-	-	
Retail trade ⁴	56	39.0	59.00	-	-	8	24	7	2	5	3	3	-	2	-	-	2	-	-	-	-	
Finance ⁴	110	37.0	64.00	-	4	6	14	9	36	12	12	7	4	1	3	1	1	-	-	-	-	

See footnotes at end of table.

Table A-1. Office Occupations—Continued

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis
by industry division, Newark and Jersey City, N.J., February 1960)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																		
		Weekly hours ¹ (Standard)	Weekly earnings ¹ (Standard)	\$ 35.00 and under 40.00	\$ 40.00 - 45.00	\$ 45.00 - 50.00	\$ 50.00 - 55.00	\$ 55.00 - 60.00	\$ 60.00 - 65.00	\$ 65.00 - 70.00	\$ 70.00 - 75.00	\$ 75.00 - 80.00	\$ 80.00 - 85.00	\$ 85.00 - 90.00	\$ 90.00 - 95.00	\$ 95.00 - 100.00	\$ 100.00 - 105.00	\$ 105.00 - 110.00	\$ 110.00 - 115.00	\$ 115.00 - 120.00	\$ 120.00 and over	
				40.00	45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00	over	
Women—Continued																						
Switchboard operator-receptionists	805	38.5	\$69.00	-	-	-	50	72	126	220	130	87	44	17	41	5	7	6	-	-	-	
Manufacturing	463	38.5	69.50	-	-	-	27	41	99	107	53	59	29	16	14	5	7	6	-	-	-	
Nonmanufacturing	342	38.0	68.50	-	-	-	23	31	27	113	77	28	15	1	27	-	-	-	-	-	-	
Public utilities ²	44	39.5	69.50	-	-	-	-	-	-	15	27	-	2	-	-	-	-	-	-	-	-	
Wholesale trade	142	38.0	73.00	-	-	-	-	2	13	56	25	9	13	1	23	-	-	-	-	-	-	
Finance ⁴	67	36.5	64.50	-	-	-	11	9	7	13	21	6	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators, class A	86	38.5	89.50	-	-	-	-	-	-	-	-	5	46	4	5	16	2	2	-	1	5	
Tabulating-machine operators, class B	97	39.0	81.50	-	-	-	-	6	8	7	18	6	17	12	4	5	7	1	-	4	2	
Manufacturing	69	39.5	82.00	-	-	-	-	6	7	2	11	5	15	3	4	4	7	-	-	3	2	
Nonmanufacturing	28	38.0	80.50	-	-	-	-	-	1	5	7	1	2	9	-	1	-	1	-	1	-	
Tabulating-machine operators, class C	281	36.5	66.50	-	-	2	28	42	53	79	40	11	3	15	2	1	5	-	-	-	-	
Manufacturing	94	39.0	71.00	-	-	-	1	4	11	56	8	1	1	4	2	1	5	-	-	-	-	
Nonmanufacturing	187	35.5	64.50	-	-	2	27	38	42	23	32	10	2	11	-	-	-	-	-	-	-	
Transcribing-machine operators, general	525	38.5	65.50	-	3	4	77	68	92	119	65	58	27	7	3	-	2	-	-	-	-	
Manufacturing	211	39.0	69.00	-	-	-	-	20	41	65	36	19	24	3	1	-	2	-	-	-	-	
Nonmanufacturing	314	37.5	63.00	-	3	4	77	48	51	54	29	39	3	4	2	-	-	-	-	-	-	
Finance ⁴	215	37.0	63.00	-	3	-	42	40	39	42	20	27	2	-	-	-	-	-	-	-	-	
Typists, class A	1,201	38.5	69.00	-	8	32	33	118	249	301	167	102	76	49	47	12	5	2	-	-	-	
Manufacturing	656	39.5	71.50	-	-	-	7	37	93	217	97	79	48	39	33	6	-	-	-	-	-	
Nonmanufacturing	545	38.0	65.50	-	8	32	26	81	156	84	70	23	28	10	14	6	5	2	-	-	-	
Wholesale trade	67	39.0	73.50	-	-	-	-	13	26	-	-	-	8	8	5	1	4	2	-	-	-	
Finance ⁴	332	37.0	61.00	-	8	28	24	55	117	45	52	-	-	2	1	-	-	-	-	-	-	
Typists, class B	2,738	37.5	60.00	14	129	220	440	607	529	316	280	114	49	19	18	3	-	-	-	-	-	
Manufacturing	1,010	38.5	63.00	-	9	33	111	227	239	190	96	52	29	16	6	2	-	-	-	-	-	
Nonmanufacturing	1,728	37.0	58.50	14	120	187	329	380	290	126	184	62	20	3	12	1	-	-	-	-	-	
Public utilities ²	287	37.5	66.00	-	-	6	24	42	52	37	98	26	1	-	-	1	-	-	-	-	-	
Wholesale trade	196	38.5	62.50	-	-	26	35	33	32	7	23	20	8	2	10	-	-	-	-	-	-	
Retail trade ⁶	66	39.0	57.50	-	6	5	13	19	3	15	1	-	2	-	2	-	-	-	-	-	-	
Finance ⁴	1,032	36.5	54.50	14	114	150	239	252	188	53	19	3	-	-	-	-	-	-	-	-	-	

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.² Transportation, communication, and other public utilities.³ Workers were distributed as follows: 11 at \$120 to \$130; 12 at \$130 to \$140; 10 at \$140 and over.⁴ Finance, insurance, and real estate.⁵ All workers were at \$135 to \$140.⁶ Excludes limited-price variety stores.

Table A-2. Professional and Technical Occupations

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis
by industry division, Newark and Jersey City, N.J., February 1960)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																											
		Weekly hours 1 (Standard)	Weekly earnings 2 (Standard)	Under \$ 65.00	\$ 65.00 and under 70.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00	135.00	140.00	145.00	150.00	155.00	160.00	165.00	165.00 and over					
Men																															
Draftsmen, leader -----	238	39.0	\$141.50	-	-	-	-	-	-	-	-	-	-	-	1	11	77	24	15	20	19	26	8	8	29						
Manufacturing -----	175	39.0	139.50	-	-	-	-	-	-	-	-	-	-	-	1	11	77	20	4	8	9	16	-	-	29						
Nonmanufacturing -----	63	40.0	148.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	11	12	10	10	8	8	-						
Draftsmen, senior -----	1,164	39.5	116.50	-	-	-	-	8	16	74	115	135	97	118	149	129	78	44	56	57	18	53	11	2	4						
Manufacturing -----	925	39.5	113.00	-	-	-	-	8	16	68	115	130	83	95	97	112	66	27	41	34	7	18	3	1	4						
Nonmanufacturing -----	239	40.0	128.00	-	-	-	-	-	6	-	-	5	14	23	92	17	12	17	15	23	11	35	8	1	-						
Draftsmen, junior -----	765	39.5	86.50	26	58	24	107	174	119	83	66	20	37	27	2	3	19	-	-	-	-	-	-	-	-						
Manufacturing -----	606	39.5	86.00	14	49	16	81	156	82	68	61	20	32	23	2	2	-	-	-	-	-	-	-	-	-						
Nonmanufacturing -----	159	39.5	88.50	12	9	8	26	18	37	15	5	-	5	4	-	1	19	-	-	-	-	-	-	-	-						
Public utilities 2 -----	47	40.0	92.00	-	-	-	-	8	17	10	5	-	4	3	-	-	-	-	-	-	-	-	-	-	-						
Tracers -----	122	39.0	69.00	21	92	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Women																															
Nurses, industrial (registered) -----	313	39.0	91.50	11	5	33	12	40	37	38	42	27	31	26	6	-	4	1	-	-	-	-	-	-	-						
Manufacturing -----	259	39.5	91.50	11	4	27	10	35	22	33	35	24	30	19	5	-	3	1	-	-	-	-	-	-	-						
Nonmanufacturing -----	54	38.0	91.50	-	1	6	2	5	15	5	7	3	1	7	1	-	1	-	-	-	-	-	-	-	-						

¹ Standard hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.² Transportation, communication, and other public utilities.³ Workers were distributed as follows: 2 at \$55 to \$60; 19 at \$60 to \$65.

NOTE: See note on p. 5, relative to the inclusion of railroads.

Table A-3. Maintenance and Powerplant Occupations

(Average straight-time hourly earnings for men in selected occupations studied on an area basis by industry division, Newark and Jersey City, N.J., February 1960)

Occupation and industry division	Number of workers	Average hourly earnings	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	3.50	3.60	3.70	3.80	3.90	4.00	4.10 and over	
Carpenters, maintenance	684	\$2.78	-	-	7	1	9	16	20	88	81	45	49	57	53	61	59	1	94	-	-	1	15	5	1	1	15	5	
Manufacturing	494	2.75	-	-	-	-	9	14	19	61	38	34	42	45	52	60	27	1	91	-	-	1	-	-	-	-	-	-	
Nonmanufacturing	190	2.87	-	-	7	1	-	2	1	27	43	11	7	12	1	1	32	-	3	-	-	15	5	1	1	15	5		
Public utilities	116	2.63	-	-	-	-	-	-	-	23	43	11	-	-	-	1	28	-	3	-	-	-	-	-	-	-	-	-	
Electricians, maintenance	1,276	2.95	1	-	3	3	18	-	8	51	76	55	145	104	111	136	225	86	127	5	3	2	5	50	1	1	17	43	
Manufacturing	1,086	2.92	-	-	3	3	18	-	2	51	75	48	110	83	103	131	215	85	73	5	-	1	-	37	1	1	1	40	
Nonmanufacturing	190	3.11	1	-	-	-	-	6	-	1	7	35	21	8	5	10	1	54	-	3	1	5	13	-	-	-	16	3	
Public utilities	114	2.96	1	-	-	-	-	-	-	1	6	33	7	1	5	5	1	54	-	-	-	-	-	-	-	-	-	-	
Engineers, stationary	725	3.08	-	-	19	5	-	28	4	47	19	39	34	31	23	64	83	70	57	6	9	44	14	5	8	55	4	57	
Manufacturing	512	3.13	-	-	-	-	-	9	4	35	18	32	31	20	16	46	71	70	13	-	-	43	-	-	7	40	-	57	
Nonmanufacturing	213	2.94	-	-	19	5	-	19	-	12	1	7	3	11	7	18	12	-	44	6	9	1	14	5	1	15	4	-	
Public utilities	99	2.97	-	-	-	1	-	3	-	5	1	6	3	8	6	18	-	-	42	6	-	-	-	-	-	-	-	-	
Firemen, stationary boiler	681	2.50	24	12	68	7	86	75	14	81	45	29	25	44	36	-	27	-	-	3	40	5	15	13	32	-	-	-	
Manufacturing	526	2.51	3	-	67	4	76	67	11	50	29	29	22	35	36	-	20	-	-	-	40	5	-	-	32	-	-	-	
Nonmanufacturing	155	2.47	21	12	1	3	10	8	3	31	16	-	3	9	-	-	7	-	-	3	-	-	15	13	-	-	-	-	
Public utilities	61	2.51	-	-	-	-	-	-	2	30	10	-	3	9	-	-	7	-	-	-	-	-	-	-	-	-	-	-	
Helpers, trades, maintenance	900	2.20	10	56	100	83	105	118	62	179	51	57	24	9	43	-	-	-	-	-	2	1	-	-	-	-	-	-	
Manufacturing	527	2.16	6	14	71	69	75	105	37	45	37	44	15	-	6	-	-	-	-	2	1	-	-	-	-	-	-	-	
Nonmanufacturing	373	2.25	4	42	29	14	30	13	25	134	14	13	9	9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	
Machine-tool operators, toolroom	531	2.89	-	-	3	-	-	19	22	12	4	51	14	48	5	97	97	145	6	-	-	-	8	-	-	-	-	-	
Manufacturing	531	2.89	-	-	3	-	-	19	22	12	4	51	14	48	5	97	97	145	6	-	-	-	8	-	-	-	-	-	
Machinists, maintenance	1,719	2.96	-	-	-	-	-	-	17	128	118	81	118	61	100	177	345	288	110	3	4	16	8	138	5	1	1	-	
Manufacturing	1,637	2.95	-	-	-	-	-	-	17	128	113	77	106	59	100	177	343	287	77	1	1	16	2	132	-	-	1	-	
Nonmanufacturing	82	3.17	-	-	-	-	-	-	-	-	5	4	12	2	-	-	2	1	33	2	3	-	6	5	1	-	-	-	
Mechanics, automotive (maintenance)	1,080	2.65	-	3	3	3	12	16	34	208	244	54	124	93	64	44	49	45	50	-	1	6	-	27	-	-	-	-	
Manufacturing	306	2.90	-	-	-	-	6	8	7	12	13	55	48	31	37	7	-	-	50	-	-	6	-	26	-	-	-	-	
Nonmanufacturing	774	2.55	-	3	3	3	12	10	26	201	232	41	69	45	33	7	42	45	-	-	1	-	-	1	-	-	-	-	
Wholesale trade	74	2.81	-	-	-	-	8	11	-	-	-	-	4	-	13	-	2	36	-	-	-	-	-	-	-	-	-	-	
Mechanics, maintenance	1,666	2.82	-	3	15	12	3	47	92	125	56	146	25	174	146	164	490	3	47	6	-	8	-	104	-	-	-	-	
Manufacturing	1,440	2.83	-	3	6	12	3	47	57	118	49	146	11	169	105	128	441	-	39	1	-	1	-	104	-	-	-	-	
Nonmanufacturing	226	2.80	-	-	9	-	-	35	7	7	-	14	5	41	36	49	3	8	5	-	7	-	-	-	-	-	-	-	
Millwrights	302	2.86	-	-	-	-	-	-	2	23	24	15	11	47	1	33	135	1	3	-	-	1	4	1	-	1	-	-	
Manufacturing	289	2.84	-	-	-	-	-	-	2	23	24	15	11	47	-	33	130	1	3	-	-	-	-	-	-	-	-	-	
Oilers	357	2.35	12	5	6	36	48	9	79	71	27	17	-	-	18	-	-	-	-	-	-	-	8	21	-	-	-	-	
Manufacturing	336	2.33	12	2	5	32	48	9	75	71	26	17	-	-	18	-	-	-	-	-	-	-	-	21	-	-	-	-	
Painters, maintenance	470	2.62	10	-	5	-	26	4	12	67	53	74	44	54	31	24	16	8	18	-	5	3	16	-	-	-	-	-	
Manufacturing	325	2.59	4	-	1	-	5	4	11	51	41	63	40	44	31	8	12	-	10	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	145	2.70	6	-	4	-	21	-	1	16	12	11	4	10	-	16	4	8	8	-	5	3	16	-	-	-	-	-	
Public utilities	74	2.75	-	-	-	-	-	-	-	9	12	11	4	6	-	16	-	8	8	-	-	-	-	-	-	-	-	-	
Pipefitters, maintenance	859	2.95	-	-	-	-	-	7	9	22	30	72	50	94	103	122	169	6	112	-	2	-	8	4	13	-	36	-	
Manufacturing	758	2.90	-	-	-	-	-	7	9	20	30	70	50	94	99	122	129	1	96	-	-	-	-	10	-	21	-	-	
Nonmanufacturing	101	3.31	-	-	-	-	-	-	2	-	-	-	2	-	4	-	40	5	16	-	2	-	8	4	3	-	15	-	
Plumbers, maintenance	101	2.79	-	-	-	-	-	-	-	-	14	48	12	9	-	1	2	-	-	-	1	1	1	2	-	-	10	-	
Manufacturing	60	2.88	-	-	-	-	-	-	-	3	27	7	9	-	-	1	2	-	-	-	-	1	-	-	-	-	10	-	
Nonmanufacturing	41	2.65	-	-	-	-	-	-	-	11	21	5	-	-	-	-	-	-	-	-	1	-	1	2	-	-	-	-	
Public utilities	37	2.54	-	-	-	-	-	-	-	11	21	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sheet-metal workers, maintenance	154	2.91	-	-	-	-	-	-	-	-	6	14	5	14	25	31	44	-	12	-	-	-	-	2	-	-	1	-	
Manufacturing	148	2.90	-	-	-	-	-	-	-	-	6	14	5	13	22	31	44	-	12	-	-	-	-	1	-	-	-	-	
Tool and die makers	1,752	3.01	-	-	-	-	12	18	9	10	-	56	65	98	343	254	147	222	358	95	13	14	32	6	-	-	-	-	
Manufacturing	1,514	3.00	-	-	-	-	12	18	9	10	-	56	65	85	332	236	80	93	358	95	13	14	32	6	-	-	-	-	

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.² Transportation, communication, and other public utilities.³ Workers were distributed as follows: 8 at under \$1.60; and 13 at \$1.60 to \$1.70.

NOTE: See note on p. 5, relative to the inclusion of railroads.

Table A-4. Custodial and Material Movement Occupations

(Average straight-time hourly earnings for selected occupations studied on an area basis
by industry division, Newark and Jersey City, N.J., February 1960)

Occupation ¹ and industry division	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																											
			Under \$1.10	\$1.10 and under 1.20	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 and over		
Elevator operators, passenger (men)	217	\$1.79	-	7	5	4	3	22	15	11	74	47	27	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	178	1.76	-	3	4	4	2	20	15	11	73	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Elevator operators, passenger (women)	180	1.35	361	10	1	33	38	7	-	-	-	2	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	178	1.34	61	10	1	33	38	7	-	-	-	-	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Retail trade ⁴	54	1.20	20	10	-	13	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Janitors, porters, and cleaners (men)	4,662	1.85	159	159	155	208	133	264	320	320	583	341	667	760	385	47	-	30	23	24	84	-	-	-	-	-	-	-	-	
Manufacturing	2,940	1.98	16	26	67	65	41	142	119	217	395	252	441	635	320	43	-	30	23	24	84	-	-	-	-	-	-	-	-	
Nonmanufacturing	1,722	1.63	143	133	88	143	92	122	201	103	188	89	226	125	65	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Public utilities ⁶	411	2.03	-	-	-	-	11	7	4	16	13	51	150	114	42	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	95	1.79	-	-	4	17	6	8	6	9	-	14	8	2	20	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Retail trade ⁴	208	1.42	21	70	12	12	6	53	2	13	1	-	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finance ⁷	352	1.68	-	-	5	23	19	33	86	57	118	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Janitors, porters, and cleaners (women)	987	1.50	35	32	84	128	281	161	87	27	30	66	44	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	255	1.71	-	24	25	13	12	9	6	27	30	64	33	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	732	1.42	35	8	59	115	269	152	81	-	-	2	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finance ⁷	392	1.43	-	2	18	36	259	70	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Laborers, material handling	9,311	2.28	151	110	47	86	149	222	163	221	371	540	261	648	1243	2382	1169	367	52	40	197	31	13	4	-	844	-	-	-	
Manufacturing	5,045	2.33	-	42	13	76	125	116	131	185	350	469	237	545	514	864	62	225	17	33	149	31	13	4	-	844	-	-	-	
Nonmanufacturing	4,266	2.22	151	68	34	10	24	106	32	36	21	71	24	103	729	1518	1107	142	35	7	48	-	-	-	-	-	-	-	-	
Public utilities ⁶	2,681	2.33	-	-	-	-	-	-	-	9	-	6	4	14	531	1241	874	-	-	2	-	-	-	-	-	-	-	-	-	
Wholesale trade	749	2.21	-	-	-	9	-	80	17	13	13	45	-	187	268	9	42	18	-	48	-	-	-	-	-	-	-	-	-	
Retail trade ⁴	680	1.90	151	68	34	1	1	9	-	2	-	5	8	51	11	-	224	93	17	5	-	-	-	-	-	-	-	-	-	
Order fillers	2,034	2.28	-	22	8	9	17	14	12	36	172	103	145	126	257	205	303	277	248	22	1	9	48	-	-	-	-	-	-	
Manufacturing	889	2.24	-	6	6	-	6	-	8	30	61	83	105	119	124	85	75	36	78	9	1	9	48	-	-	-	-	-	-	
Nonmanufacturing	1,145	2.31	-	16	2	9	11	14	4	6	111	20	40	7	133	120	228	241	170	13	-	-	-	-	-	-	-	-	-	
Wholesale trade	470	2.11	-	16	-	8	-	9	-	4	110	17	16	2	74	120	87	3	3	1	-	-	-	-	-	-	-	-	-	
Retail trade ⁴	591	2.49	-	-	2	1	10	3	3	1	-	-	1	-	18	-	135	238	167	12	-	-	-	-	-	-	-	-	-	
Packers, shipping (men)	1,593	2.00	3	50	45	55	42	68	128	215	72	52	127	167	167	148	156	61	4	1	3	2	13	-	4	-	2	8	-	
Manufacturing	1,416	2.01	-	33	28	54	42	68	127	189	68	52	103	158	107	133	156	61	4	1	3	2	13	-	4	-	2	8	-	
Nonmanufacturing	177	1.90	3	17	17	1	-	-	1	26	4	-	24	9	60	15	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	140	2.00	-	15	-	-	-	-	-	24	-	-	24	8	56	13	-	-	-	-	-	-	-	-	-	-	-	-	-	
Packers, shipping (women)	329	1.52	1	19	76	10	36	4	88	30	3	2	26	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	191	1.71	-	-	-	-	33	-	87	29	-	2	26	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Receiving clerks	474	2.23	1	3	-	4	3	17	10	10	51	12	79	22	55	85	17	14	12	48	4	20	3	4	-	-	-	-	-	
Manufacturing	284	2.22	-	-	-	-	-	10	7	-	23	7	69	22	27	52	16	7	10	25	4	2	3	-	-	-	-	-	-	
Nonmanufacturing	190	2.23	1	3	-	4	3	7	3	10	28	5	10	-	28	33	1	7	2	23	-	18	-	4	-	-	-	-	-	
Wholesale trade	55	2.01	-	-	-	-	-	-	-	8	20	4	4	-	11	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
Retail trade ⁴	104	2.22	1	3	-	4	3	1	3	2	8	1	6	-	16	25	-	6	2	23	-	-	-	-	-	-	-	-	-	
Shipping clerks	396	2.37	-	-	-	-	-	9	7	20	26	26	30	36	20	44	22	45	13	29	8	21	-	36	-	4	-	-	-	
Manufacturing	282	2.23	-	-	-	-	-	9	7	12	22	26	21	35	19	36	22	45	13	-	8	3	-	-	-	4	-	-	-	
Nonmanufacturing	114	2.70	-	-	-	-	-	-	-	8	4	-	9	1	1	8	-	-	-	29	-	18	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-4. Custodial and Material Movement Occupations--Continued

(Average straight-time hourly earnings for selected occupations studied on an area basis by industry division, Newark and Jersey City, N.J., February 1960)

Occupation ¹ and industry division	Number of workers	Average hourly earnings ²	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																									
			Under \$1.10	\$1.10 and under 1.20	\$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 and over
Shipping and receiving clerks	510	\$2.33	-	-	-	-	-	-	-	-	39	4	25	53	34	185	89	8	14	44	15	-	-	-	-	-	-	-
Manufacturing	210	2.35	-	-	-	-	-	-	-	-	7	4	13	23	23	52	57	5	10	19	1	-	-	-	-	-	-	-
Nonmanufacturing	300	2.32	-	-	-	-	-	-	-	-	32	4	12	30	11	133	32	3	4	25	14	-	-	-	-	-	-	-
Public utilities ⁶	121	2.39	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	-	-	7	4	-	-	-	-	-	-	-
Wholesale trade	103	2.39	-	-	-	-	-	-	-	-	9	4	9	18	-	-	32	-	-	3	18	10	-	-	-	-	-	-
Truckdrivers ³	7,615	2.77	-	-	-	-	-	6	10	78	35	90	65	375	262	202	1581	567	1578	393	460	288	17	426	66	224	22	870
Manufacturing	2,759	3.15	-	-	-	-	-	5	16	11	32	40	48	46	49	299	214	111	231	134	270	17	54	66	224	22	10870	
Nonmanufacturing	4,856	2.55	-	-	-	-	-	6	5	62	24	58	25	327	216	153	1282	353	1467	162	326	18	-	372	-	-	-	-
Public utilities ⁶	2,746	2.55	-	-	-	-	-	1	2	3	-	3	16	60	121	947	218	1375	-	-	-	-	-	-	-	-	-	-
Wholesale trade	1,260	2.63	-	-	-	-	-	-	57	18	36	8	8	55	30	316	135	92	98	17	18	-	372	-	-	-	-	-
Retail trade ⁴	410	2.77	-	-	-	-	-	6	4	-	-	15	1	-	-	-	18	-	-	64	302	-	-	-	-	-	-	-
Truckdrivers, light (under 1½ tons)	467	2.13	-	-	-	-	-	6	5	12	6	31	24	318	25	17	11	5	7	-	-	-	-	-	-	-	-	-
Manufacturing	62	2.19	-	-	-	-	-	-	7	12	11	-	13	4	6	10	5	7	-	-	-	-	-	-	-	-	-	-
Nonmanufacturing	405	2.12	-	-	-	-	-	6	5	5	6	19	13	318	21	11	1	-	-	-	-	-	-	-	-	-	-	-
Truckdrivers, medium (1½ to and including 4 tons)	3,116	2.76	-	-	-	-	-	-	57	11	19	37	30	117	148	1434	239	106	221	7	112	4	20	-	16	-	538	
Manufacturing	1,342	3.21	-	-	-	-	-	-	9	11	16	25	22	9	38	246	23	52	201	-	112	4	20	-	16	-	10538	
Nonmanufacturing	1,774	2.41	-	-	-	-	-	-	48	-	3	12	8	108	110	1188	216	54	20	7	-	-	-	-	-	-	-	-
Public utilities ⁶	1,207	2.43	-	-	-	-	-	-	-	-	-	-	-	-	-	104	891	212	-	-	-	-	-	-	-	-	-	-
Wholesale trade	424	2.37	-	-	-	-	-	-	48	-	-	8	8	16	6	280	4	54	-	-	-	-	-	-	-	-	-	-
Truckdrivers, heavy (over 4 tons, trailer type)	2,653	2.86	-	-	-	-	-	5	-	-	-	-	-	23	1	26	193	1285	40	401	22	7	352	-	202	4	92	
Manufacturing	884	3.15	-	-	-	-	-	5	-	-	-	-	-	2	1	13	132	40	-	82	4	7	-	-	202	4	1092	
Nonmanufacturing	2,069	2.78	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	13	61	1245	40	319	18	-	352	-	-	-
Public utilities ⁶	1,249	2.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	6	1231	-	-	-	-	-	-	-	-	-
Wholesale trade	517	2.96	-	-	-	-	-	-	-	-	-	-	-	21	-	-	55	14	40	17	18	-	352	-	-	-	-	-
Truckdrivers, heavy (over 4 tons, other than trailer type)	682	2.59	-	-	-	-	-	-	9	18	36	4	15	26	26	58	82	180	104	52	-	-	30	42	-	-	-	-
Manufacturing	190	2.73	-	-	-	-	-	-	-	-	-	4	15	17	4	26	6	12	2	52	-	-	10	42	-	-	-	-
Nonmanufacturing	492	2.54	-	-	-	-	-	-	9	18	36	-	-	9	22	32	76	168	102	-	-	-	20	-	-	-	-	-
Wholesale trade	297	2.45	-	-	-	-	-	-	9	18	36	-	-	9	15	32	76	24	58	-	-	-	20	-	-	-	-	-
Truckers, power (forklift)	1,842	2.38	-	-	-	-	-	8	9	51	54	65	217	190	125	170	329	316	83	77	30	8	-	-	-	107	-	3
Manufacturing	1,442	2.35	-	-	-	-	-	-	9	51	53	65	208	172	125	156	179	210	54	20	30	-	-	-	-	107	-	3
Nonmanufacturing	400	2.48	-	-	-	-	-	8	-	-	1	-	9	18	-	14	150	106	29	57	-	8	-	-	-	-	-	-
Public utilities ⁶	205	2.48	-	-	-	-	-	-	-	-	-	-	-	-	-	4	105	88	-	-	-	8	-	-	-	-	-	-
Retail trade ⁴	148	2.56	-	-	-	-	-	-	-	1	-	-	-	18	-	10	15	18	29	57	-	-	-	-	-	-	-	-
Truckers, power (other than forklift)	192	2.18	-	-	-	-	-	12	-	-	28	39	19	17	26	48	2	1	-	-	-	-	-	-	-	-	-	-
Manufacturing	152	2.14	-	-	-	-	-	12	-	-	28	39	19	2	1	48	2	1	-	-	-	-	-	-	-	-	-	-
Watchmen	970	1.84	2	3	60	79	27	108	73	73	66	147	126	41	28	79	2	56	-	-	-	-	-	-	-	-	-	-
Manufacturing	682	1.91	-	-	17	54	11	74	56	17	48	131	120	21	9	68	1	55	-	-	-	-	-	-	-	-	-	-
Nonmanufacturing	288	1.68	2	3	43	25	16	34	17	56	18	16	6	20	19	11	1	1	-	-	-	-	-	-	-	-	-	-
Public utilities ⁶	53	1.93	-	-	-	-	-	16	2	4	-	14	6	6	6	9	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale trade	93	1.61	-	-	34	-	-	12	-	30	-	-	-	-	13	2	1	1	-	-	-	-	-	-	-	-	-	-
Finance ⁷	66	1.66	2	3	1	-	4	6	15	22	11	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

¹ Data limited to men workers except where otherwise indicated.² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.³ Workers were distributed as follows: 35 at \$0.80 to \$0.90; 26 at \$1 to \$1.10.⁴ Excludes limited-price variety stores.⁵ All workers were at \$1 to \$1.10.⁶ Transportation, communication, and other public utilities.⁷ Finance, insurance, and real estate.⁸ All workers except 1 were at \$1 to \$1.10.⁹ Includes all drivers regardless of size and type of truck operated.¹⁰ All workers were paid under bonus plans.

NOTE: See note on p. 5, relative to the inclusion of railroads.

Table B-1. Shift Differentials

(Percent of manufacturing plant workers in establishments having formal provisions for shift work, and in establishments actually operating late shifts by type and amount of differential, Newark and Jersey City, N.J., February 1960)

Shift differential	In establishments having formal provisions ¹ for—		In establishments actually operating—	
	Second shift work	Third or other shift work	Second shift	Third or other shift
Total	88.2	78.4	14.2	4.1
With shift pay differential	87.1	78.3	14.1	4.1
Uniform cents (per hour)	38.9	34.0	6.7	3.0
5 cents	6.9	1.7	1.4	.1
6 cents	1.5	-	.4	-
7 or 7½ cents	5.1	-	.7	-
8 cents	5.5	-	1.0	-
9 cents	1.1	.6	.1	.1
10, 10¾, or 10¾ cents	9.1	8.8	1.4	.5
11 cents	2.5	.5	.7	-
12 or 12½ cents .....	.8	7.4	(²)	1.0
13 or 13½ cents	-	1.2	-	(²)
14 cents .....	.5	-	-	-
15 cents	4.2	3.1	.8	.1
16 cents	-	5.0	-	.5
17 or 17½ cents	-	2.7	-	.5
18 cents .....	.9	.9	.1	.1
19 cents and over .....	.8	2.0	(²)	.1
Uniform percentage	44.1	40.2	6.5	.6
5 percent	3.8	-	.6	-
6 percent .....	.1	.1	(²)	-
7 or 7½ percent	2.0	1.0	.1	-
9 percent	-	.2	-	(²)
10 percent	38.2	36.3	5.7	.6
15 percent	-	2.6	-	(²)
8 hours' pay for 7½ hours	1.4	1.4	.3	(²)
Other formal pay differential	2.7	2.7	.6	.4
No shift pay differential	1.1	.1	.1	(²)

¹ Includes establishments currently operating late shifts, and establishments with formal provisions covering late shifts even though they were not currently operating late shifts.

² Less than 0.05 percent.

Table B-2. Minimum Entrance Salaries for Women Office Workers

(Distribution of establishments studied in all industries and in industry divisions by minimum entrance salary for selected categories of inexperienced women office workers, Newark and Jersey City, N.J., February 1960)

Minimum weekly salary ¹	Inexperienced typists											Other inexperienced clerical workers ²										
	All industries	Manufacturing					Nonmanufacturing					All industries	Manufacturing					Nonmanufacturing				
		Based on standard weekly hours ³ of—											Based on standard weekly hours ³ of—									
		All sched-ules	35	37½	38¾	40	All sched-ules	35	37½	38¾	40		All sched-ules	35	37½	38¾	40	All sched-ules	35	37½	38¾	40
Establishments studied -----	264	133	xxx	xxx	xxx	xxx	131	xxx	xxx	xxx	xxx	264	133	xxx	xxx	xxx	xxx	131	xxx	xxx	xxx	xxx
Establishments having a specified minimum -----	158	89	8	13	4	56	69	12	16	4	32	165	87	8	15	3	53	78	13	18	5	34
Under \$40.00 -----	1	-	-	-	-	-	1	-	1	-	-	4	-	-	-	-	-	4	2	1	-	1
\$40.00 and under \$42.50 -----	11	1	-	-	-	1	10	1	1	1	6	12	2	-	1	-	1	10	-	2	1	6
\$42.50 and under \$45.00 -----	3	1	-	-	-	-	2	-	1	-	1	4	2	-	-	-	1	2	-	-	-	2
\$45.00 and under \$47.50 -----	13	7	-	2	-	4	6	1	1	1	3	21	8	-	2	-	4	13	2	5	-	3
\$47.50 and under \$50.00 -----	12	4	1	1	-	2	8	1	2	-	2	9	5	1	2	-	2	4	1	-	-	1
\$50.00 and under \$52.50 -----	38	25	1	5	2	13	13	4	2	1	5	46	26	2	6	2	13	20	4	3	3	8
\$52.50 and under \$55.00 -----	10	5	2	1	-	2	5	1	2	-	2	8	4	1	-	-	3	4	1	2	-	1
\$55.00 and under \$57.50 -----	19	11	-	2	-	8	8	1	4	1	2	19	10	1	2	-	6	9	2	4	1	2
\$57.50 and under \$60.00 -----	5	3	1	-	-	2	2	-	1	-	1	7	4	-	1	1	2	3	-	1	-	2
\$60.00 and under \$62.50 -----	16	10	1	2	2	4	6	3	-	-	3	7	5	-	1	-	3	2	1	-	-	1
\$62.50 and under \$65.00 -----	5	4	1	-	-	3	1	-	1	-	-	7	7	2	-	-	5	-	-	-	-	-
\$65.00 and under \$67.50 -----	6	6	1	-	-	5	-	-	-	-	-	4	4	1	-	-	3	-	-	-	-	-
\$67.50 and under \$70.00 -----	5	4	-	-	-	4	1	-	-	-	1	6	4	-	-	-	4	2	-	-	-	2
\$70.00 and under \$72.50 -----	2	2	-	-	-	2	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-
\$72.50 and under \$75.00 -----	7	5	-	-	-	5	2	-	-	-	2	5	4	-	-	-	4	1	-	-	-	1
\$75.00 and under \$77.50 -----	1	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	-	1	-	-	-	1
\$77.50 and under \$80.00 -----	1	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	-	1	-	-	-	1
\$80.00 and under \$82.50 -----	2	-	-	-	-	-	2	-	-	-	2	2	-	-	-	-	-	2	-	-	-	2
\$82.50 and over -----	1	1	-	-	-	1	-	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-
Establishments having no specified minimum -----	49	19	xxx	xxx	xxx	xxx	30	xxx	xxx	xxx	xxx	53	22	xxx	xxx	xxx	xxx	31	xxx	xxx	xxx	xxx
Establishments which did not employ workers in this category--	57	25	xxx	xxx	xxx	xxx	32	xxx	xxx	xxx	xxx	46	24	xxx	xxx	xxx	xxx	22	xxx	xxx	xxx	xxx

¹ Lowest salary rate formally established for hiring inexperienced workers for typing or other clerical jobs.² Rates applicable to messengers, office girls, or similar subclerical jobs are not considered.³ Hours reflect the workweek for which employees receive their regular straight-time salaries. Data are presented for all workweeks combined, and for the most common workweeks reported.

NOTE: See note on p. 15, relative to the inclusion of railroads.

Table B-3. Scheduled Weekly Hours

(Percent distribution of office and plant workers in all industries and in industry divisions by scheduled weekly hours of first-shift workers, Newark and Jersey City, N.J., February 1960)

Weekly hours	OFFICE WORKERS:							PLANT WORKERS					
	All industries ¹	Manufacturing	Public utilities ²	Wholesale trade	Retail trade ³	Finance ⁴	Services	All industries ⁵	Manufacturing	Public utilities ²	Wholesale trade	Retail trade	Services
All workers -----	100	100	100	100	100	100		100	100	100	100	100	
Under 35 hours -----	(⁶)	(⁶)	-	-	-	-		(⁶)	-	-	-	-	
35 hours -----	17	8	47	9	7	26		4	5	-	1	-	
Over 35 and under 36 1/4 hours -----	(⁶)	1	-	-	-	-		-	-	-	-	-	
36 1/4 hours -----	3	2	-	7	-	7		(⁶)	(⁶)	-	2	-	
Over 36 1/4 and under 37 1/2 hours -----	3	-	(⁶)	-	-	10		-	-	-	-	-	
37 1/2 hours -----	25	18	-	26	23	48		3	2	-	2	4	
Over 37 1/2 and under 38 3/4 hours -----	2	(⁶)	-	-	2	5		(⁶)	-	-	-	2	
38 3/4 hours -----	7	14	1	3	-	1		-	-	-	-	-	
Over 38 3/4 and under 40 hours -----	1	1	-	-	-	2		1	1	-	-	4	
40 hours -----	41	56	52	55	68	1		88	88	100	94	84	
Over 40 and under 48 hours -----	-	-	-	-	-	-		2	2	-	1	-	
48 hours -----	-	-	-	-	-	-		1	-	-	-	6	
Over 48 hours -----	-	-	-	-	-	-		1	1	-	-	-	

¹ Includes data for services in addition to those industry divisions shown separately.

² Transportation, communication, and other public utilities.

³ Excludes limited-price variety stores.

⁴ Finance, insurance, and real estate.

⁵ Includes data for real estate and services in addition to those industry divisions shown separately.

⁶ Less than 0.5 percent.

NOTE: Estimates for all industries and public utilities include data for railroads (SIC 40), omitted from the scope of all labor market wage surveys made before the winter of 1959-60. Where significant, the effect of the inclusion of railroads is greatest on the data shown separately for the public utilities division.

Table B-4. Paid Holidays

(Percent distribution of office and plant workers in all industries and in industry divisions by number of paid holidays provided annually, Newark and Jersey City, N.J., February 1960)

Item	OFFICE WORKERS							PLANT WORKERS					
	All industries ¹	Manufacturing	Public utilities ²	Wholesale trade	Retail trade ³	Finance ⁴	Services	All industries ⁵	Manufacturing	Public utilities ²	Wholesale trade	Retail trade	Services
All workers	100	100	100	100	100	100		100	100	100	100	100	
Workers in establishments providing paid holidays	99	100	100	100	98	100		98	99	100	96	94	
Workers in establishments providing no paid holidays	(⁶)	-	-	-	2	-		2	1	-	4	6	
Number of days													
Less than 6 holidays	(⁶)	(⁶)	-	-	1	-		1	-	1	-	5	
6 holidays	2	3	1	8	-	-		5	7	3	4	-	
6 holidays plus 1 half day	(⁶)	-	-	-	-	-		(⁶)	-	-	-	1	
6 holidays plus 2 or 3 half days	2	2	(⁶)	10	-	-		2	3	-	7	-	
6 holidays plus 4 half days	1	-	-	9	-	3		-	-	-	-	-	
7 holidays	12	14	12	9	62	(⁶)		23	19	35	7	53	
7 holidays plus 1 half day	2	2	-	-	1	4		3	3	-	-	13	
7 holidays plus 2 holidays	6	11	-	-	3	3		6	6	-	-	16	
7 holidays plus 4, 5 or 7 half days	2	-	-	3	-	6		(⁶)	-	-	1	-	
8 holidays	15	29	-	24	2	-		21	27	4	14	(⁶)	
8 holidays plus 1 half day	1	1	-	1	-	-		2	2	-	-	-	
8 holidays plus 2 or 3 half days	3	6	1	2	-	1		6	8	-	3	-	
8 holidays plus 4 half days	(⁶)	-	-	3	-	-		-	-	-	-	-	
9 holidays	10	11	39	10	1	-		9	8	18	15	-	
9 holidays plus 1 half day	1	1	-	-	-	-		1	(⁵)	-	5	-	
9 holidays plus 2 half days	1	1	-	3	-	-		2	2	-	6	6	
10 holidays	4	9	-	2	-	-		6	8	-	5	-	
10 holidays plus 1 half day	1	-	-	4	15	-		-	-	-	-	-	
10 holidays plus 2 half days	1	1	-	-	-	-		-	-	-	-	-	
11 holidays	2	1	3	9	5	1		2	(⁶)	12	23	-	
11 holidays plus 1 half day	1	1	-	-	-	-		(⁶)	-	-	-	-	
11 holidays plus 2 or 3 half days	2	3	-	-	7	3		1	1	-	-	-	
12 holidays	28	3	44	11	-	69		6	4	20	7	-	
12 holidays plus 1 half day	1	-	-	-	-	5		-	-	-	-	-	
12 holidays plus 2 or 3 half days	1	1	-	-	-	2		-	-	-	-	-	
13 or more holidays	(⁶)	(⁶)	-	-	-	2		1	(⁶)	6	-	-	
Total holiday time⁷													
13 or more days	1	1	-	-	-	4		1	(⁶)	6	-	-	
12 1/2 or more days	4	3	-	-	-	9		2	1	6	-	-	
12 or more days	33	7	44	11	7	81		8	6	26	7	-	
11 1/2 or more days	34	7	44	11	7	81		8	6	26	7	-	
11 or more days	36	9	46	20	12	82		10	6	39	30	-	
10 1/2 or more days	37	9	46	22	28	82		10	6	39	30	-	
10 or more days	42	19	46	33	28	82		18	16	39	40	6	
9 1/2 or more days	43	20	46	36	28	84		20	18	39	46	6	
9 or more days	58	37	87	48	29	90		34	33	57	63	6	
8 1/2 or more days	60	38	87	48	29	90		36	35	57	63	6	
8 or more days	82	79	87	72	34	95		63	68	61	78	22	
7 1/2 or more days	84	81	87	72	35	99		66	70	61	78	35	
7 or more days	97	97	99	92	97	100		92	92	96	92	88	
6 1/2 or more days	97	97	99	92	97	100		92	92	96	92	89	
6 or more days	99	99	100	100	97	100		97	99	99	96	89	
3 or more days	99	100	100	100	98	100		98	99	100	96	94	

¹ Includes data for services in addition to those industry divisions shown separately.

² Transportation, communication, and other public utilities.

³ Excludes limited-price variety stores.

⁴ Finance, insurance, and real estate.

⁵ Includes data for real estate and services in addition to those industry divisions shown separately.

⁶ Less than 0.5 percent.

⁷ All combinations of full and half days that add to the same amount are combined; for example, the proportion of workers receiving a total of 7 days includes those with 7 full days and no half days, 6 full days and 2 half days, 5 full days and 4 half days, and so on. Proportions were then cumulated.

NOTE: See note on p. 15, relative to the inclusion of railroads.

Table B-5. Paid Vacations

(Percent distribution of office and plant workers in all industries and in industry divisions by vacation pay provisions, Newark and Jersey City, N.J., February 1960)

Vacation policy	OFFICE WORKERS ¹							PLANT WORKERS					
	All industries ¹	Manufacturing	Public utilities ²	Wholesale trade	Retail trade ³	Finance ⁴	Services	All industries ⁵	Manufacturing	Public utilities ²	Wholesale trade	Retail trade	Services
All workers -----	100	100	100	100	100	100		100	100	100	100	100	
Method of payment													
Workers in establishments providing paid vacations -----	100	100	100	100	100	100		100	100	100	100	100	
Length-of-time payment -----	99	99	100	100	100	100		92	89	100	100	100	
Percentage payment -----	1	1	-	-	-	-		7	10	-	-	-	
Flat-sum payment -----	-	-	-	-	-	-		1	1	-	-	-	
Other -----	-	-	-	-	-	-		-	-	-	-	-	
Workers in establishments providing no paid vacations -----	-	-	-	-	-	-		-	-	-	-	-	
Amount of vacation pay⁶													
<u>After 6 months of service</u>													
Under 1 week -----	11	3	-	2	5	33		24	33	-	20	3	
1 week -----	56	67	58	56	59	38		22	13	31	25	64	
Over 1 and under 2 weeks -----	17	15	29	11	12	20		7	4	32	8	4	
2 weeks -----	3	1	-	-	-	6		(7)	-	(7)	-	-	
<u>After 1 year of service</u>													
1 week -----	7	6	10	14	30	-		65	75	37	58	29	
Over 1 and under 2 weeks -----	(7)	(7)	1	-	-	-		5	7	2	-	-	
2 weeks -----	92	92	89	84	63	100		26	16	48	36	65	
Over 2 and under 3 weeks -----	(7)	-	-	2	6	-		2	-	6	6	6	
3 weeks -----	(7)	1	-	-	-	-		2	2	7	-	-	
<u>After 2 years of service</u>													
1 week -----	2	1	7	9	2	-		31	36	23	24	1	
Over 1 and under 2 weeks -----	1	1	3	-	-	-		22	29	9	-	-	
2 weeks -----	95	97	90	89	92	100		43	33	54	70	91	
Over 2 and under 3 weeks -----	1	-	-	2	6	-		2	-	7	6	6	
3 weeks -----	(7)	1	-	-	-	-		2	2	7	-	2	
<u>After 3 years of service</u>													
1 week -----	1	(7)	7	2	1	-		9	10	11	1	1	
Over 1 and under 2 weeks -----	(7)	1	-	-	-	-		22	31	-	7	-	
2 weeks -----	94	96	93	94	90	94		62	54	75	85	91	
Over 2 and under 3 weeks -----	3	-	-	2	6	6		2	-	7	6	6	
3 weeks -----	2	3	-	2	3	-		5	5	7	1	2	

See footnotes at end of table.

Table B-5. Paid Vacations—Continued

(Percent distribution of office and plant workers in all industries and in industry divisions by vacation pay provisions, Newark and Jersey City, N.J., February 1960)

Vacation policy	OFFICE WORKERS ¹							PLANT WORKERS					
	All industries ¹	Manufacturing	Public utilities ²	Wholesale trade	Retail trade ³	Finance ⁴	Services	All industries ⁵	Manufacturing	Public utilities ²	Wholesale trade	Retail trade	Services
Amount of vacation pay⁶—Continued													
<u>After 5 years of service</u>													
Under 2 weeks	(⁷)	(⁷)	-	-	-	-	-	3	3	-	-	-	-
2 weeks	76	92	91	85	58	40	-	83	84	76	89	72	-
Over 2 and under 3 weeks	15	1	-	8	15	44	-	6	6	7	6	12	-
3 weeks	8	4	9	5	27	16	-	6	4	17	4	16	-
4 weeks	1	2	-	2	-	-	-	2	3	-	1	-	-
<u>After 10 years of service</u>													
Under 2 weeks	(⁷)	-	-	-	-	-	-	1	1	-	-	-	-
2 weeks	43	51	58	61	27	20	-	46	47	44	47	27	-
Over 2 and under 3 weeks	18	12	-	12	-	41	-	15	19	7	19	-	-
3 weeks	38	34	42	25	73	39	-	35	30	49	33	73	-
4 weeks	1	3	-	2	-	-	-	2	3	-	1	-	-
<u>After 15 years of service</u>													
Under 2 weeks	(⁷)	-	-	-	-	-	-	1	1	-	-	-	-
2 weeks	8	9	3	11	27	5	-	12	10	-	17	27	-
Over 2 and under 3 weeks	1	-	-	-	-	2	-	2	2	7	-	-	-
3 weeks	86	85	94	87	62	87	-	77	79	93	79	63	-
Over 3 and under 4 weeks	1	6	1	-	-	3	-	4	5	-	3	-	-
4 weeks	4	6	2	2	11	3	-	3	3	-	1	10	-
<u>After 20 years of service</u>													
Under 2 weeks	(⁷)	-	-	-	-	-	-	1	1	-	-	-	-
2 weeks	8	8	3	9	27	5	-	12	9	-	16	26	-
Over 2 and under 3 weeks	(⁷)	-	-	-	-	-	-	2	2	7	-	-	-
3 weeks	62	74	88	88	22	32	-	66	69	88	77	27	-
Over 3 and under 4 weeks	3	3	1	-	-	6	-	5	7	-	3	-	-
4 weeks	26	15	8	3	51	57	-	13	12	5	4	47	-
<u>After 25 years of service</u>													
Under 2 weeks	(⁷)	-	-	-	-	-	-	1	1	-	-	-	-
2 weeks	8	8	3	6	27	5	-	12	9	-	16	26	-
Over 2 and under 3 weeks	(⁷)	-	-	-	-	-	-	2	2	7	-	-	-
3 weeks	46	56	54	68	11	22	-	53	57	57	65	25	-
Over 3 and under 4 weeks	1	3	1	-	-	-	-	4	5	-	2	-	-
4 weeks	45	33	42	26	62	73	-	27	26	36	17	49	-

¹ Includes data for services in addition to those industry divisions shown separately.² Transportation, communication, and other public utilities.³ Excludes limited-price variety stores.⁴ Finance, insurance, and real estate.⁵ Includes data for real estate and services in addition to those industry divisions shown separately.⁶ Periods of service were arbitrarily chosen and do not necessarily reflect the individual provisions for progressions. For example, the changes in proportions indicated at 10 years' service include changes in provisions occurring between 5 and 10 years.⁷ Less than 0.5 percent.

NOTE: See note on p. 15, relative to the inclusion of railroads. In the tabulations of vacation allowances by years of service, payments other than "length of time," such as percentage of annual earnings or flat-sum payments, were converted to an equivalent time basis; for example, a payment of 2 percent of annual earnings was considered as 1 week's pay.

Table B-6. Health, Insurance, and Pension Plans

(Percent of office and plant workers in all industries and in industry divisions employed in establishments providing health, insurance, or pension benefits, Newark and Jersey City, N.J., February 1960)

Type of benefit	OFFICE WORKERS							PLANT WORKERS					
	All industries ¹	Manufacturing	Public utilities ²	Wholesale trade	Retail trade ³	Finance ⁴	Services	All industries ⁵	Manufacturing	Public utilities ²	Wholesale trade	Retail trade	Services
All workers	100	100	100	100	100	100		100	100	100	100	100	
Workers in establishments providing:													
Life insurance	94	97	90	92	87	96		92	96	80	89	84	
Accidental death and dismemberment insurance	58	60	49	77	27	61		53	55	42	62	34	
Sickness and accident insurance or sick leave or both ⁶	94	97	88	88	93	92		76	76	78	66	86	
Sickness and accident insurance	50	71	28	50	52	25		62	69	43	42	51	
Sick leave (full pay and no waiting period)	77	84	50	66	60	85		22	17	24	35	44	
Sick leave (partial pay or waiting period)	5	(⁷)	37	2	6	-		6	2	31	8	8	
Hospitalization insurance	87	88	63	89	80	98		90	93	80	77	86	
Surgical insurance	82	88	41	84	74	95		86	93	62	68	80	
Medical insurance	56	53	37	60	48	73		60	64	48	39	53	
Catastrophe insurance	36	25	15	31	27	66		17	18	22	11	16	
Retirement pension	87	86	84	77	71	97		75	82	77	61	69	
No health, insurance, or pension plan	(⁷)	(⁷)	-	-	2	-		1	1	-	-	2	

¹ Includes data for services in addition to those industry divisions shown separately.² Transportation, communication, and other public utilities.³ Excludes limited-price variety stores.⁴ Finance, insurance, and real estate.⁵ Includes data for real estate and services in addition to those industry divisions shown separately.⁶ Unduplicated total of workers receiving sick leave or sickness and accident insurance shown separately below. Sick-leave plans are limited to those which definitely establish at least the minimum number of days' pay that can be expected by each employee. Informal sick-leave allowances determined on an individual basis are excluded.⁷ Less than 0.5 percent.

NOTE: See note on p. 15, relative to the inclusion of railroads.

Appendix: 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 is essential in order to permit 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 workers, part-time, temporary, and probationary workers.

OFFICE

BILLER, 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.

Biller, machine (bookkeeping machine)—Uses a bookkeeping machine (Sundstrand, Elliott Fisher, Remington Rand, etc., which may or may not have typewriter keyboard) to prepare customers' bills as part of the accounts receivable operation. Generally involves the simultaneous entry of figures on customers' ledger record. The machine automatically accumulates figures on a number of vertical columns and computes and usually prints automatically the debit or credit balances. Does not involve a knowledge of bookkeeping. Works from uniform and standard types of sales and credit slips.

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.

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 posting and balancing subsidiary ledger or ledgers such as accounts receivable or accounts

CLERK, ACCOUNTING—Continued

payable; examining and coding invoices or vouchers with proper accounting distribution; requires judgment and experience in making proper assignments and allocations. May assist in preparing, adjusting and closing journal entries; 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; 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 correspondence or other material; may also file this material. May keep records of various types in conjunction with files or may supervise others in filing and locating material in the files. May perform incidental clerical duties.

Class B—Performs routine filing, usually of material that has already been classified or which is easily identifiable, or locates or assists in locating material in files. May perform incidental clerical duties.

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; 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

Under general supervision and with no supervisory responsibilities, records accounting and statistical data on tabulating cards by punching a series of holes in the cards in a specified sequence, using an alphabetical or a numerical keypunch machine, following written information on records. May duplicate cards by using the duplicating device attached to machine. May keep files of punch cards. May verify own work or work of others.

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; 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 to transcribe this dictation on a typewriter. May also type from written copy. May also set up and keep files in order, keep simple records, etc. *Does not include transcribing-machine work* (see transcribing-machine operator).

STENOGRAPHER, TECHNICAL

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 to transcribe this dictation on a typewriter. May also type from written copy. May also set up and keep files in order, keep simple records, etc. *Does not include transcribing-machine work*.

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, punc-

TYPIST—Continued

uation, etc., of technical or unusual words or foreign language material; 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.; setting up simple standard tabulations, or copying more complex tables already set up and spaced properly.

PROFESSIONAL AND TECHNICAL**DRAFTSMAN, JUNIOR**

(Assistant draftsman)

Draws to scale units or parts of drawings prepared by draftsman or others for engineering, construction, or manufacturing purposes. Uses various types of drafting tools as required. May prepare drawings from simple plans or sketches, or perform other duties under direction of a draftsman.

DRAFTSMAN, LEADER

Plans and directs activities of one or more draftsmen in preparation of working plans and detail drawings from rough or preliminary sketches for engineering, construction, or manufacturing purposes. Duties involve a combination of the following: Interpreting blueprints, sketches, and written or verbal orders; determining work procedures; assigning duties to subordinates and inspecting their work; performing more difficult problems. May assist subordinates during emergencies or as a regular assignment, or perform related duties of a supervisory or administrative nature.

DRAFTSMAN, SENIOR

Prepares working plans and detail drawings from notes, rough or detailed sketches for engineering, construction, or manufacturing purposes. Duties involve a combination of the following: Preparing working plans, detail drawings, maps, cross-sections, etc., to scale by use of drafting instruments; making engineering computations such as those

DRAFTSMAN, SENIOR—Continued

involved in strength of materials, beams and trusses; verifying completed work, checking dimensions, materials to be used, and quantities; writing specifications; making adjustments or changes in drawings or specifications. May ink in lines and letters on pencil drawings, prepare detail units of complete drawings, or trace drawings. Work is frequently in a specialized field such as architectural, electrical, mechanical, or structural drafting.

NURSE, INDUSTRIAL (REGISTERED)

A registered nurse who gives nursing service to ill or injured employees or other persons who become ill or suffer an accident on the premises of a factory or other establishment. Duties involve a combination of the following: Giving first aid to the ill or injured; attending to subsequent dressing of employees' injuries; keeping records of patients treated; preparing accident reports for compensation or other purposes; conducting physical examinations and health evaluations of applicants and employees; and planning and carrying out programs involving health education, accident prevention, evaluation of plant environment, or other activities affecting the health, welfare, and safety of all personnel.

TRACER

Copies plans and drawings prepared by others, by placing tracing cloth or paper over drawing and tracing with pen or pencil. Uses T-square, compass, and other drafting tools. May prepare simple drawings and do simple lettering.

MAINTENANCE AND POWERPLANT

CARPENTER, MAINTENANCE

Performs the carpentry duties necessary to construct and maintain in good repair building woodwork and equipment such as bins, cribs, counters, benches, partitions, doors, floors, stairs, casings, and trim made of wood in an establishment. Work involves *most of the following*: Planning and laying out of work from blueprints, drawings, models, or verbal instructions; using a variety of carpenter's handtools, portable power tools, and standard measuring instruments; making standard shop computations relating to dimensions of work; selecting materials necessary for the work. In general, the work of the maintenance carpenter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

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; 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.

ENGINEER, STATIONARY

Operates and maintains and may also supervise the operation of stationary engines and equipment (mechanical or electrical) to supply the establishment in which employed with power, heat, refrigeration, or air-conditioning. Work involves: Operating and maintaining equipment such as steam engines, air compressors, generators, motors, turbines, ventilating and refrigerating equipment, steam boilers and boiler-fed water pumps; making equipment repairs; keeping a record of operation of machinery, temperature, and fuel consumption. May also supervise these operations. *Head or chief engineers in establishments employing more than one engineer are excluded.*

FIREMAN, STATIONARY BOILER

Fires stationary boilers to furnish the establishment in which employed with heat, power, or steam. Feeds fuels to fire by hand or operates a mechanical stoker, gas, or oil burner; checks water and safety valves. May clean, oil, or assist in repairing boilerroom equipment.

HELPER, TRADES, MAINTENANCE

Assists one or more workers in the skilled maintenance trades by performing specific or general duties of lesser skill, such as keeping a worker supplied with materials and tools; cleaning working area, machine, and equipment; assisting worker by holding materials or tools; performing other unskilled tasks as directed by journeyman. The kind of work the helper is permitted to perform varies from trade to trade: In some trades the helper is confined to supplying, lifting, and holding materials and tools and cleaning working areas; and in others he is permitted to perform specialized machine operations, or parts of a trade that are also performed by workers on a full-time basis.

MACHINE-TOOL OPERATOR, TOOLROOM

Specializes in the operation of one or more types of machine tools, such as jig borers, cylindrical or surface grinders, engine lathes, or milling machines in the construction of machine-shop tools, gauges, jigs, fixtures, or dies. Work involves *most of the following*: Planning and performing difficult machining operations; processing items requiring complicated setups or a high degree of accuracy; using a variety of precision measuring instruments; selecting feeds, speeds, tooling and operation sequence; making necessary adjustments during operation to achieve requisite tolerances or dimensions. May be required to recognize when tools need dressing, to dress tools, and to select proper coolants and cutting and lubricating oils. For cross-industry wage study purposes, machine-tool operators, toolroom, in tool and die jobbing shops are excluded from this classification.

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

MACHINIST, MAINTENANCE—Continued

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; 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, gauges, 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.

MILLWRIGHT

Installs new machines or heavy equipment and dismantles and installs machines or heavy equipment when changes in the plant layout

MILLWRIGHT—Continued

are required. Work involves *most of the following*: Planning and laying out of the work; interpreting blueprints or other specifications; using a variety of handtools and rigging; making standard shop computations relating to stresses, strength of materials, and centers of gravity; alining and balancing of equipment; selecting standard tools, equipment, and parts to be used; installing and maintaining in good order power transmission equipment such as drives and speed reducers. In general, the millwright's work normally requires a rounded training and experience in the trade acquired through a formal apprenticeship or equivalent training and experience.

OILER

Lubricates, with oil or grease, the moving parts or wearing surfaces of mechanical equipment of an establishment.

PAINTER, MAINTENANCE

Paints and redecorates walls, woodwork, and fixtures of an establishment. Work involves *the following*: Knowledge of surface peculiarities and types of paint required for different applications; preparing surface for painting by removing old finish or by placing putty or filler in nail holes and interstices; applying paint with spray gun or brush. May mix colors, oils, white lead, and other paint ingredients to obtain proper color or consistency. In general, the work of the maintenance painter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

PIPEFITTER, MAINTENANCE

Installs or repairs water, steam, gas, or other types of pipe and pipefittings 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 pipe-cutting 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; 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.*

PLUMBER, MAINTENANCE

Keeps the plumbing system of an establishment in good order. Work involves: Knowledge of sanitary codes regarding installation of vents and traps in plumbing system; installing or repairing pipes and fixtures; opening clogged drains with a plunger or plumber's snake. In general, the work of the maintenance plumber requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

SHEET-METAL WORKER, MAINTENANCE

Fabricates, installs, and maintains in good repair the sheet-metal equipment and fixtures (such as machine guards, grease pans, shelves, lockers, tanks, ventilators, chutes, ducts, metal roofing) of an establishment. Work involves *most of the following*: Planning and laying out all types of sheet-metal maintenance work from blueprints, models, or other specifications; setting up and operating all available types of sheet-metal-working machines; using a variety of handtools in cutting, bending, forming, shaping, fitting, and assembling; installing sheet-metal articles as required. In general, the work of the maintenance sheet-metal worker requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

CUSTODIAL AND MATERIAL MOVEMENT

ELEVATOR OPERATOR, PASSENGER

Transports passengers between floors of an office building, apartment house, department store, hotel or similar establishment. Workers who operate elevators in conjunction with other duties such as those of starters and janitors are excluded.

GUARD

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

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

TOOL AND DIE MAKER

(Die maker; jig maker; tool maker; fixture maker; gauge maker)

Constructs and repairs machine-shop tools, gauges, jigs, fixtures or dies for forgings, punching and other metal-forming work. Work involves *most of the following*: Planning and laying out of work from models, blueprints, drawings, or other oral and written specifications; using a variety of tool and die maker's handtools and precision measuring instruments, understanding of the working properties of common metals and alloys; setting up and operating of machine tools and related equipment; making necessary shop computations relating to dimensions of work, speeds, feeds, and tooling of machines; heatreating of metal parts during fabrication as well as of finished tools and dies to achieve required qualities; working to close tolerances; fitting and assembling of parts to prescribed tolerances and allowances; selecting appropriate materials, tools, and processes. In general, the tool and die maker's work requires a rounded training in machine-shop and toolroom practice usually acquired through a formal apprenticeship or equivalent training and experience.

For cross-industry wage study purposes, tool and die makers in tool and die jobbing shops are excluded from this classification.

JANITOR, PORTER, OR CLEANER—Continued

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, MATERIAL HANDLING

(Loader and unloader; handler and stacker; shelve; trucker; stockman or stock helper; warehouseman or warehouse helper)

A worker employed in a warehouse, manufacturing plant, store, or other establishment whose duties involve *one or more of the following*: Loading and unloading various materials and merchandise on or

LABORER, MATERIAL HANDLING—Continued

from freight cars, trucks, or other transporting devices; unpacking, shelving, or placing materials or merchandise in proper storage location; transporting materials or merchandise by hand truck, car, or wheelbarrow. *Longshoremen, who load and unload ships are excluded.*

ORDER FILLER

(Order picker; stock selector; warehouse stockman)

Fills shipping or transfer orders for finished goods from stored merchandise in accordance with specifications on sales slips, customers' orders, or other instructions. May, in addition to filling orders and indicating items filled or omitted, keep records of outgoing orders, requisition additional stock, or report short supplies to supervisor, and perform other related duties.

PACKER, SHIPPING

Prepares finished products for shipment or storage by placing them in shipping containers, the specific operations performed being dependent upon the type, size, and number of units to be packed, the type of container employed, and method of shipment. Work requires the placing of items in shipping containers and *may involve one or more of the following:* Knowledge of various items of stock in order to verify content; selection of appropriate type and size of container; inserting enclosures in container; using excelsior or other material to prevent breakage or damage; closing and sealing container; applying labels or entering identifying data on container. *Packers who also make wooden boxes or crates are excluded.*

SHIPPING AND RECEIVING CLERK

Prepares merchandise for shipment, or receives and is responsible for incoming shipments of merchandise or other materials. *Shipping work involves:* A knowledge of shipping procedures, practices, routes, available means of transportation and rates; and preparing records of the goods shipped, making up bills of lading, posting weight and shipping charges, and keeping a file of shipping records. May direct or assist in preparing the merchandise for shipment. *Receiving work involves:* Verifying or directing others in verifying the correctness of shipments against bills of lading, invoices, or other records; checking for shortages and rejecting damaged goods; routing merchandise or materials to proper departments; maintaining necessary records and files.

SHIPPING AND RECEIVING CLERK—Continued

For wage study purposes, workers are classified as follows:

Receiving clerk
Shipping clerk
Shipping and receiving clerk

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, trailer type)
Truckdriver, heavy (over 4 tons, other than trailer type)

TRUCKER, POWER

Operates a manually controlled gasoline- or electric-powered truck or tractor to transport goods and materials of all kinds about a warehouse, manufacturing plant, or other establishment.

For wage study purposes, workers are classified by type of truck, as follows:

Trucker, power (forklift)
Trucker, power (other than forklift)

WATCHMAN

Makes rounds of premises periodically in protecting property against fire, theft, and illegal entry.

Occupational Wage Surveys

Occupational wage surveys are being conducted in 60 major labor markets during late 1959 and early 1960. These bulletins, when available, may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C., or from any of the BLS regional sales offices shown on inside front cover.

A summary bulletin containing data for all labor markets, combined with additional analysis, will be issued early in 1961.

Bulletins for the areas listed below are now available.

Baltimore, Md., September 1959—BLS Bull. 1265-7, price 15 cents
Boston, Mass., October 1959—BLS Bull. 1265-8, price 25 cents
Buffalo, N.Y., October 1959—BLS Bull. 1265-4, price 20 cents
Canton, Ohio, December 1959—BLS Bull. 1265-10, price 25 cents
Cleveland, Ohio, September 1959—BLS Bull. 1265-1, price 20 cents
Dallas, Tex., October 1959—BLS Bull. 1265-3, price 20 cents
Dayton, Ohio, December 1959—BLS Bull. 1265-9, price 25 cents
Denver, Colo., December 1959—BLS Bull. 1265-11, price 25 cents
Fort Worth, Tex., November 1959—BLS Bull. 1265-13, price 25 cents
Indianapolis, Ind., January 1960—BLS Bull. 1265-22, price 25 cents
Jacksonville, Fla., December 1959—BLS Bull. 1265-14, price 25 cents
Memphis, Tenn., January 1960—BLS Bull. 1265-19, price 25 cents
Miami, Fla., December 1959—BLS Bull. 1265-6, price 20 cents
Minneapolis—St. Paul, Minn., January 1960—BLS Bull. 1265-21, price 25 cents
Philadelphia, Pa., November 1959—BLS Bull. 1265-16, price 25 cents
Pittsburgh, Pa., December 1959—BLS Bull. 1265-20, price 25 cents
Portland, Maine, November 1959—BLS Bull. 1265-12, price 20 cents
St. Louis, Mo., October 1959—BLS Bull. 1265-5, price 25 cents
San Bernardino—Riverside—Ontario, Calif., November 1959—
BLS Bull. 1265-15, price 25 cents
San Francisco—Oakland, Calif., January 1960—BLS Bull. 1265-17, price 25 cents
Seattle, Wash., August 1959—BLS Bull. 1265-2, price 25 cents
Washington, D.C.—Md.—Va., January 1960—BLS Bull. 1265-18, price 25 cents

