

# Occupational Wage Survey

**PHILADELPHIA, PENNSYLVANIA**

**NOVEMBER 1956**

**Bulletin No. 1202-7**

**UNITED STATES DEPARTMENT OF LABOR**

**James P. Mitchell, Secretary**

**BUREAU OF LABOR STATISTICS**

**Ewan Clague, Commissioner**



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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.

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\* NOTE: Similar tabulations for most of these items are available in the Philadelphia area reports for May 1950, October 1951, October 1952, October 1953, November 1954, and November 1955. The 1953 report also provides tabulations of wage structure characteristics, labor-management agreements, and overtime pay provisions. The 1954 report also includes data on frequency of wage payments, and pay provisions for holidays falling on nonworkdays. A directory indicating date of study and the price of the reports, as well as reports for other major areas, is available upon request.

A report on occupational earnings and supplementary wage practices in the Philadelphia area is also available for textile dyeing and finishing (April 1956). 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.



# Occupational Wage Survey - Philadelphia, Pa.\*

## Introduction

The Philadelphia area is one of several important industrial centers in which the Department of Labor's Bureau of Labor Statistics has conducted surveys of occupational earnings and related wage benefits on an areawide basis. In each area, data are obtained by personal visits of Bureau field agents to representative establishments within six broad industry divisions: Manufacturing; transportation (excluding railroads), communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Major industry groups excluded from these studies, besides railroads, 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.<sup>1</sup> 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.

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 all office clerical employees and excludes administrative, executive, professional, and technical personnel. "Plant workers" include working foremen and all nonsupervisory workers (including leadmen and trainees) engaged in nonoffice functions. Administrative, executive, professional, and technical 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.

Shift differential data (table B-1) are limited to manufacturing industries. This information is presented both in terms of (a) establishment policy,<sup>2</sup> 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.

Minimum entrance rates (table B-2) relate only to the establishments visited. They are presented on an establishment, rather than on an employment basis. Scheduled hours; 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

\* This report was prepared in the Bureau's regional office in New York, N. Y., by Frederick W. Mueller, under the direction of Paul E. Warwick, Regional Wage and Industrial Relations Analyst.

<sup>1</sup> See table 1 for minimum-size establishment covered.

<sup>2</sup> 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.

workers if a majority of such workers are eligible or may eventually qualify for the practices listed.<sup>3</sup> Because of rounding, sums of individual items in these tabulations do not necessarily equal totals.

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.

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

<sup>3</sup> Scheduled weekly hours for office workers (first section of table B-3) are presented in terms of the proportion of women office workers employed in offices with the indicated weekly hours for women workers.

have enacted temporary disability insurance laws which require employer contributions,<sup>4</sup> 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 plans<sup>5</sup> 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.

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

<sup>5</sup> 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 Philadelphia, Pa.,<sup>1</sup> by major industry division, November 1956

Industry division	Minimum employment in establishments in scope of study	Number of establishments		Workers in establishments			
		Within scope of study <sup>2</sup>	Studied	Within scope of study			Studied
				Total <sup>3</sup>	Office	Plant	
All divisions .....	-	1,447	322	547,900	91,300	357,300	329,630
Manufacturing .....	101	678	143	322,400	36,100	233,100	185,480
Nonmanufacturing .....	-	769	179	225,500	55,200	124,200	144,150
Transportation (excluding railroads), communication, and other public utilities <sup>4</sup> .....	101	64	25	52,900	9,000	33,500	45,010
Wholesale trade .....	51	221	34	28,500	7,900	12,400	7,230
Retail trade <sup>5</sup> .....	101	108	34	74,400	9,600	57,000	56,590
Finance, insurance, and real estate .....	51	174	46	42,600	24,800	3,000	26,010
Services <sup>7</sup> .....	51	202	40	27,100	3,900	18,300	9,310

<sup>1</sup> The Philadelphia Area (Philadelphia and Delaware Counties, Pa., and Camden County, N. J.). 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 pay period studied and (2) small establishments are excluded from the scope of the survey.

<sup>2</sup> 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.

<sup>3</sup> Includes executive, technical, professional, and other workers excluded from the separate office and plant categories.

<sup>4</sup> Also excludes taxicabs, and services incidental to water transportation.

<sup>5</sup> Excludes limited-price variety stores.

<sup>6</sup> Estimate relates to real estate establishments only.

<sup>7</sup> Hotels; personal services; business services; automobile repair shops; radio broadcasting and television; motion pictures; nonprofit membership organizations; and engineering and architectural services.

### Wage Trends for Selected Occupational Groups

The table below presents 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; key-punch 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 October 1952 and October 1953 employment in the job. These weighted earn-

ings 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.

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 1956 for workers in 15 other major labor markets appeared in BLS Bull. 1188, Wages and Related Benefits, 17 Labor Markets, 1955-56.

TABLE 2: Indexes of standard weekly salaries and straight-time hourly earnings for selected occupational groups in Philadelphia, Pa., November 1956 and November 1955 and percents of increase for selected periods

Industry and occupational group	Indexes (October 1952 = 100)		Percent increases from—					
	November 1956	November 1955	November 1955 to November 1956	November 1954 to November 1955	October 1953 to November 1954	October 1952 to October 1953	October 1951 to October 1952	October 1951 to November 1956
All industries:								
Office clerical (women) .....	122.0	114.6	6.5	3.4	3.4	7.1	4.6	27.5
Industrial nurses (women) .....	122.2	115.1	6.2	4.3	3.0	7.1	5.0	28.3
Skilled maintenance (men) .....	122.5	116.4	5.2	4.0	4.4	7.2	5.0	28.6
Unskilled plant (men) .....	120.9	115.5	4.7	6.0	4.3	4.5	7.3	29.7
Manufacturing:								
Office clerical (women) .....	120.4	114.6	5.1	2.8	4.6	6.6	5.2	26.7
Industrial nurses (women) .....	123.6	116.5	6.1	5.0	2.9	7.9	5.0	29.8
Skilled maintenance (men) .....	122.0	115.7	5.4	3.8	3.9	7.2	5.1	28.2
Unskilled plant (men) .....	119.0	113.9	4.5	5.5	4.5	3.3	9.4	30.3



A: Occupational Earnings

Table A-1: Office Occupations

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis in Philadelphia, Pa., by industry division, November 1956)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																	
		Weekly hours (Standard)	Weekly earnings (Standard)	\$ 30.00 and under 35.00	\$ 35.00	\$ 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 and over
<b>Men</b>																					
Clerks, accounting, class A	584	38.5	87.00	-	-	-	-	5	15	27	29	49	59	61	110	39	59	42	23	29	37
Manufacturing	348	38.5	88.00	-	-	-	-	1	6	15	11	23	31	38	99	28	23	25	11	15	22
Nonmanufacturing	236	38.0	86.00	-	-	-	-	4	9	12	18	26	28	23	11	11	36	17	12	14	15
Public utilities*	33	38.5	93.50	-	-	-	-	-	-	-	-	-	1	7	-	-	22	-	3	-	-
Wholesale trade	77	38.5	92.50	-	-	-	-	-	-	5	9	6	9	-	6	2	-	14	6	12	8
Finance**	74	37.0	84.00	-	-	-	-	1	2	4	5	8	10	14	3	8	11	1	-	-	7
Clerks, accounting, class B	310	37.5	68.50	-	1	11	21	41	14	36	39	40	38	10	19	22	6	11	1	-	-
Manufacturing	103	38.5	76.50	-	-	-	-	-	4	11	10	26	20	6	7	10	3	5	1	-	-
Nonmanufacturing	207	37.5	64.50	-	1	11	21	41	10	25	29	14	18	4	12	12	3	6	-	-	-
Wholesale trade	51	39.0	73.50	-	-	-	-	-	-	11	12	6	13	-	2	-	-	1	6	-	-
Finance**	101	36.0	55.50	-	1	11	19	34	7	8	7	-	-	-	7	-	-	-	-	-	-
Clerks, order	429	39.0	76.00	-	-	-	-	18	25	37	69	75	66	38	40	21	4	12	1	16	7
Manufacturing	93	39.0	72.00	-	-	-	-	18	14	8	3	13	34	1	9	-	2	1	1	-	1
Nonmanufacturing	336	39.0	77.00	-	-	-	-	12	11	29	66	62	32	37	31	21	2	11	-	16	6
Wholesale trade	269	39.0	76.50	-	-	-	-	12	11	26	56	50	16	37	13	21	-	11	-	16	4
Retail trade <sup>2</sup>	61	40.5	80.00	-	-	-	-	-	-	3	4	12	16	4	18	-	2	-	-	-	2
Clerks, payroll	176	38.5	79.00	-	-	-	4	-	15	9	9	20	28	33	3	37	5	5	6	-	2
Manufacturing	132	38.5	80.00	-	-	-	1	-	14	8	6	20	20	8	3	37	4	4	5	-	2
Office boys	724	38.5	46.50	-	56	282	180	107	66	14	18	1	-	-	-	-	-	-	-	-	-
Manufacturing	379	39.0	47.00	-	30	159	66	62	42	6	13	1	-	-	-	-	-	-	-	-	-
Nonmanufacturing	345	37.5	46.00	-	26	123	114	45	24	8	5	-	-	-	-	-	-	-	-	-	-
Public utilities*	28	37.5	45.50	-	-	18	5	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Wholesale trade	73	38.5	50.50	-	-	-	34	18	21	-	-	-	-	-	-	-	-	-	-	-	-
Retail trade <sup>2</sup>	54	38.5	46.50	-	9	17	12	7	1	3	5	-	-	-	-	-	-	-	-	-	-
Finance**	115	35.5	45.00	-	14	38	47	11	1	4	-	-	-	-	-	-	-	-	-	-	-
Services	75	39.5	43.50	-	3	50	16	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Tabulating-machine operators	549	38.5	70.00	-	-	2	29	34	57	64	74	100	68	41	43	16	9	8	2	2	-
Manufacturing	237	39.0	71.50	-	-	-	5	7	25	27	37	49	39	14	16	7	3	6	2	-	-
Nonmanufacturing	312	38.0	69.00	-	-	2	24	27	32	37	37	51	29	27	27	9	6	2	-	2	-
Wholesale trade	75	39.0	80.00	-	-	-	-	-	3	3	10	17	7	8	12	6	5	2	-	2	-
Retail trade <sup>2</sup>	46	38.5	73.50	-	-	-	-	3	2	4	1	11	10	12	2	-	1	-	-	-	-
Finance**	170	37.5	63.50	-	-	2	24	24	18	29	24	21	10	2	13	3	-	-	-	-	-
<b>Women</b>																					
Billers, machine (billing machine)	381	37.0	57.50	-	-	14	52	49	117	67	66	-	11	-	5	-	-	-	-	-	-
Manufacturing	115	38.0	59.50	-	-	-	10	14	46	23	6	-	11	-	5	-	-	-	-	-	-
Nonmanufacturing	266	36.5	56.50	-	-	14	42	35	71	44	60	-	-	-	-	-	-	-	-	-	-
Billers, machine (bookkeeping machine)	165	39.0	56.00	-	3	23	20	31	24	21	26	13	4	-	-	-	-	-	-	-	-
Manufacturing	50	39.5	64.00	-	-	-	-	4	10	10	15	7	4	-	-	-	-	-	-	-	-
Nonmanufacturing	115	39.0	52.50	-	3	23	20	27	14	11	11	6	-	-	-	-	-	-	-	-	-
Retail trade <sup>2</sup>	111	39.0	52.00	-	3	23	20	26	12	11	10	6	-	-	-	-	-	-	-	-	-
Bookkeeping-machine operators, class A	361	37.5	64.00	-	-	3	2	23	77	124	51	24	30	15	12	-	-	-	-	-	-
Manufacturing	231	38.0	64.00	-	-	-	-	13	63	88	19	2	22	13	11	-	-	-	-	-	-
Nonmanufacturing	130	37.0	63.50	-	-	3	2	10	14	36	32	22	8	2	1	-	-	-	-	-	-
Finance**	58	36.0	62.00	-	-	3	2	7	4	13	26	-	1	2	-	-	-	-	-	-	-

See footnotes at end of table.  
 \* Transportation (excluding railroads), communication, and other public utilities.  
 \*\* Finance, insurance, and real estate.

Table A-1: Office Occupations - Continued

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis in Philadelphia, Pa., by industry division, November 1956)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																	
		Weekly hours <sup>1</sup> (Standard)	Weekly earnings <sup>1</sup> (Standard)	\$ 30.00 and under 35.00	\$ 35.00 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	\$ and over
<b>Women - Continued</b>																					
Bookkeeping-machine operators, class B .....	1,495	38.0	53.50	-	4	152	408	366	212	196	58	40	27	20	-	6	6	-	-	-	-
Manufacturing .....	240	38.5	58.50	-	-	2	24	50	46	73	17	9	12	2	-	-	-	-	-	-	-
Nonmanufacturing .....	1,255	37.5	52.50	-	4	150	384	316	166	118	41	31	15	18	-	6	6	-	-	-	-
Wholesale trade .....	212	39.0	63.00	-	-	12	-	29	31	66	23	18	9	12	-	6	6	-	-	-	-
Retail trade <sup>2</sup> .....	109	38.0	55.00	-	-	24	15	15	18	17	12	2	-	6	-	-	-	-	-	-	-
Finance** .....	894	37.5	50.00	-	4	112	366	264	95	35	6	6	6	-	-	-	-	-	-	-	-
Clerks, accounting, class A .....	952	37.5	68.50	-	-	1	41	65	126	156	139	135	103	111	27	19	11	7	3	2	6
Manufacturing .....	351	38.0	73.00	-	-	-	1	5	26	57	61	23	56	30	27	8	4	3	-	-	-
Nonmanufacturing .....	601	37.0	66.00	-	-	1	40	60	100	99	78	112	47	31	-	11	7	4	3	2	6
Wholesale trade .....	69	39.0	71.00	-	-	-	-	14	14	16	7	2	-	-	-	2	-	4	2	2	6
Retail trade <sup>2</sup> .....	153	38.5	66.50	-	-	1	9	14	9	11	38	41	10	20	-	-	-	-	-	-	-
Finance** .....	324	35.5	64.50	-	-	-	19	31	72	71	30	63	22	8	-	8	-	-	-	-	-
Clerks, accounting, class B .....	1,947	38.0	55.00	2	42	214	389	405	399	188	90	73	51	26	25	21	3	7	12	-	-
Manufacturing .....	500	38.5	57.50	-	-	10	137	76	95	67	22	47	26	6	9	5	-	-	-	-	-
Nonmanufacturing .....	1,447	37.5	54.50	2	42	204	252	329	304	121	68	26	25	20	16	16	3	7	12	-	-
Public utilities* .....	79	38.5	70.00	-	-	1	11	7	2	2	14	4	19	6	1	12	-	-	-	-	-
Wholesale trade .....	160	38.5	62.50	-	-	19	16	43	18	21	25	2	2	3	6	-	1	7	12	-	-
Retail trade <sup>2</sup> .....	645	38.0	52.50	2	16	98	110	170	152	54	14	7	4	6	6	4	2	-	-	-	-
Finance** .....	437	36.0	50.00	-	26	86	112	103	73	13	12	12	-	-	-	-	-	-	-	-	-
Services .....	106	38.5	59.00	-	-	-	3	6	59	31	3	1	-	-	3	-	-	-	-	-	-
Clerks, file, class A .....	479	38.0	59.00	-	-	47	72	80	70	72	55	37	28	7	2	9	-	-	-	-	-
Manufacturing .....	231	39.0	62.00	-	-	6	17	52	33	35	39	22	21	5	1	-	-	-	-	-	-
Nonmanufacturing .....	248	37.0	56.00	-	-	41	55	28	37	37	16	15	7	2	1	9	-	-	-	-	-
Public utilities* .....	29	36.5	53.00	-	-	2	13	3	3	4	3	1	-	-	-	-	-	-	-	-	-
Finance** .....	140	36.0	53.00	-	-	33	32	24	11	27	5	4	-	2	1	1	-	-	-	-	-
Clerks, file, class B .....	1,844	38.0	45.00	30	307	710	385	252	105	35	13	4	2	1	-	-	-	-	-	-	-
Manufacturing .....	390	38.5	49.50	-	3	113	90	92	63	18	9	-	1	1	-	-	-	-	-	-	-
Nonmanufacturing .....	1,454	37.5	43.50	30	304	597	295	160	42	17	4	4	1	-	-	-	-	-	-	-	-
Public utilities* .....	62	36.5	53.00	-	-	10	19	9	10	7	4	3	-	-	-	-	-	-	-	-	-
Wholesale trade .....	178	39.5	49.00	-	-	40	38	74	16	8	-	1	1	-	-	-	-	-	-	-	-
Retail trade <sup>2</sup> .....	270	39.5	40.00	30	100	90	40	8	1	1	-	-	-	-	-	-	-	-	-	-	-
Finance** .....	763	36.5	42.50	-	-	192	361	154	40	15	1	-	-	-	-	-	-	-	-	-	-
Services .....	181	39.5	44.00	-	12	96	44	29	-	-	-	-	-	-	-	-	-	-	-	-	-
Clerks, order .....	669	39.0	51.50	7	25	220	98	133	89	19	15	5	30	4	-	5	13	-	6	-	-
Manufacturing .....	257	38.5	53.00	-	-	46	70	69	19	15	3	3	30	-	-	2	-	-	-	-	-
Nonmanufacturing .....	412	39.5	50.50	7	25	174	28	64	70	4	12	2	-	4	-	3	13	-	6	-	-
Retail trade <sup>2</sup> .....	160	39.5	46.50	7	25	50	20	46	4	4	-	2	-	2	-	-	-	-	-	-	-
Clerks, payroll .....	1,163	38.0	61.00	-	2	49	170	167	181	208	134	93	66	39	16	7	9	9	5	-	8
Manufacturing .....	767	38.5	61.50	-	-	25	91	95	125	148	112	60	50	33	12	5	4	3	4	-	-
Nonmanufacturing .....	396	37.5	59.50	-	2	24	79	72	56	60	22	33	16	6	4	2	5	6	1	-	8
Retail trade <sup>2</sup> .....	101	38.5	57.00	-	2	6	23	20	22	9	1	7	2	1	2	2	4	-	-	-	-
Finance** .....	84	35.0	56.50	-	-	18	2	8	20	25	1	9	-	1	-	-	-	-	-	-	-
Comptometer operators .....	1,041	38.5	58.50	5	10	74	124	146	204	156	179	59	50	26	4	4	-	-	-	-	-
Manufacturing .....	364	39.0	61.50	-	-	7	11	49	117	55	56	37	23	8	1	-	-	-	-	-	-
Nonmanufacturing .....	677	38.0	57.50	5	10	67	113	97	87	101	123	22	27	18	3	4	-	-	-	-	-
Public utilities* .....	26	37.5	64.00	-	-	-	-	3	2	6	13	1	1	-	-	-	-	-	-	-	-
Wholesale trade .....	136	39.0	64.00	-	-	-	10	23	14	40	15	5	14	10	3	2	-	-	-	-	-
Retail trade <sup>2</sup> .....	475	38.0	55.00	5	10	66	96	62	64	52	84	14	12	8	-	2	-	-	-	-	-

See footnotes at end of table.

\* Transportation (excluding railroads), communication, and other public utilities.

\*\* Finance, insurance, and real estate.

Table A-1: Office Occupations - Continued

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis in Philadelphia, Pa., by industry division, November 1956)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																	
		Weekly hours (Standard)	Weekly earnings (Standard)	\$ 30.00 and under 35.00	\$ 35.00 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 and over
<b>Women - Continued</b>																					
Duplicating-machine operators (mimeograph or ditto)	111	39.0	\$ 52.50	-	2	15	30	22	22	10	6	4	-	-	-	-	-	-	-	-	-
Manufacturing	70	40.0	54.00	-	-	7	18	11	19	9	3	3	-	-	-	-	-	-	-	-	-
Key-punch operators	1,295	38.5	58.50	-	4	47	191	265	246	221	161	90	47	21	2	-	-	-	-	-	-
Manufacturing	585	39.0	61.00	-	-	18	45	98	117	114	85	65	33	9	1	-	-	-	-	-	-
Nonmanufacturing	710	38.0	56.00	-	4	29	146	167	129	107	76	25	14	12	1	-	-	-	-	-	-
Public utilities *	100	38.5	57.50	-	-	1	33	27	2	9	13	3	1	11	-	-	-	-	-	-	-
Wholesale trade	152	39.0	62.00	-	-	-	8	14	31	46	28	17	6	1	1	-	-	-	-	-	-
Retail trade <sup>2</sup>	71	39.0	57.50	-	-	2	6	21	18	7	13	4	-	-	-	-	-	-	-	-	-
Finance**	383	37.0	53.50	-	4	25	99	105	77	44	22	-	7	-	-	-	-	-	-	-	-
Office girls	350	38.5	44.50	8	61	146	76	37	12	7	2	1	-	-	-	-	-	-	-	-	-
Manufacturing	154	39.0	46.00	-	39	44	30	25	8	5	2	1	-	-	-	-	-	-	-	-	-
Nonmanufacturing	196	38.0	43.50	8	22	102	46	12	4	2	-	-	-	-	-	-	-	-	-	-	-
Public utilities *	34	37.5	44.50	-	-	16	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance**	72	36.5	42.00	-	20	35	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Secretaries	5,007	38.0	74.00	-	-	25	49	138	502	663	843	617	677	508	311	200	130	106	96	40	102
Manufacturing	2,491	38.5	77.00	-	-	21	10	29	142	291	350	303	361	300	234	136	104	71	70	21	48
Nonmanufacturing	2,516	37.5	70.50	-	-	4	39	109	360	372	493	314	316	208	77	64	26	35	26	19	54
Public utilities *	174	38.5	99.00	-	-	-	-	-	3	3	8	14	9	9	19	11	8	10	23	12	45
Wholesale trade	512	38.5	72.00	-	-	-	2	10	51	49	118	84	80	83	9	5	2	10	1	6	2
Retail trade <sup>2</sup>	263	39.0	72.00	-	-	1	2	10	24	30	50	31	32	45	11	12	13	-	1	1	-
Finance**	1,244	36.5	67.00	-	-	-	34	81	220	232	215	151	158	64	33	34	2	12	1	-	7
Services	323	37.5	65.00	-	-	3	1	8	62	58	102	34	37	7	5	2	1	3	-	-	-
Stenographers, general	4,292	38.0	60.50	-	-	127	451	783	862	654	566	447	217	100	33	30	7	15	-	-	-
Manufacturing	2,153	39.0	62.50	-	-	-	181	316	446	310	334	301	143	78	27	15	2	-	-	-	-
Nonmanufacturing	2,139	37.0	58.00	-	-	127	270	467	416	344	232	146	74	22	6	15	5	15	-	-	-
Public utilities *	317	38.0	61.50	-	-	31	46	54	45	32	34	19	15	17	6	3	2	13	-	-	-
Wholesale trade	489	38.0	64.00	-	-	21	12	75	37	115	103	69	41	5	-	6	3	2	-	-	-
Retail trade <sup>2</sup>	229	38.0	58.00	-	-	8	26	38	62	32	38	19	6	-	-	-	-	-	-	-	-
Finance**	921	36.0	54.00	-	-	59	168	280	224	103	42	33	12	-	-	-	-	-	-	-	-
Services	183	38.0	58.00	-	-	8	18	20	48	62	15	6	-	-	-	6	-	-	-	-	-
Stenographers, technical	199	39.0	70.00	-	-	3	8	14	25	28	27	9	19	17	46	3	-	-	-	-	-
Manufacturing	152	39.5	73.50	-	-	-	-	8	16	19	23	9	18	14	45	-	-	-	-	-	-
Switchboard operators	904	38.5	57.00	8	69	73	83	157	132	139	127	55	35	13	9	3	1	-	-	-	-
Manufacturing	233	39.0	66.00	-	-	-	5	21	32	46	59	36	17	7	9	-	1	-	-	-	-
Nonmanufacturing	671	38.0	54.00	8	69	73	78	136	100	93	68	19	18	6	-	3	-	-	-	-	-
Public utilities *	102	39.0	66.50	-	-	-	2	13	11	10	34	11	15	6	-	-	-	-	-	-	-
Wholesale trade	72	39.5	63.50	-	-	-	-	12	3	30	15	7	2	-	-	3	-	-	-	-	-
Retail trade <sup>2</sup>	133	39.0	49.00	-	6	38	23	43	12	7	4	-	-	-	-	-	-	-	-	-	-
Finance**	202	36.5	55.00	-	-	7	31	61	59	28	14	1	1	-	-	-	-	-	-	-	-
Services	162	38.0	44.50	8	63	28	22	7	15	18	1	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

\* Transportation (excluding railroads), communication, and other public utilities.

\*\* Finance, insurance, and real estate.

Table A-1: Office Occupations - Continued

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis in Philadelphia, Pa., by industry division, November 1956)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																		
		Weekly hours <sup>1</sup> (Standard)	Weekly earnings <sup>1</sup> (Standard)	\$ 30.00 and under \$32.00	\$ 35.00	\$ 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	\$ 115.00 and over
<b>Women - Continued</b>																						
Switchboard operator-receptionists .....	839	38.0	55.50	-	-	51	127	182	194	138	101	32	14	-	-	-	-	-	-	-	-	
Manufacturing .....	418	38.0	57.00	-	-	12	45	90	100	79	62	22	8	-	-	-	-	-	-	-	-	
Nonmanufacturing .....	421	37.5	54.00	-	-	39	82	92	94	59	39	10	6	-	-	-	-	-	-	-	-	
Public utilities* .....	35	38.5	61.00	-	-	-	1	3	11	13	-	7	-	-	-	-	-	-	-	-	-	
Wholesale trade .....	186	38.0	54.50	-	-	19	38	23	54	28	18	-	6	-	-	-	-	-	-	-	-	
Retail trade <sup>2</sup> .....	63	37.5	55.50	-	-	-	5	34	3	12	7	2	-	-	-	-	-	-	-	-	-	
Finance** .....	75	34.5	51.00	-	-	20	17	10	15	4	8	1	-	-	-	-	-	-	-	-	-	
Services .....	62	39.0	51.50	-	-	-	21	22	11	2	6	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators .....	379	38.0	64.00	-	-	3	27	43	63	86	63	41	19	18	10	3	1	-	-	2	-	
Manufacturing .....	133	38.5	71.00	-	-	-	6	13	27	28	15	12	16	10	3	1	-	-	-	2	-	
Nonmanufacturing .....	246	37.5	60.00	-	-	3	27	37	50	59	35	26	7	2	-	-	-	-	-	-	-	
Public utilities* .....	56	37.5	64.00	-	-	-	10	4	7	2	7	21	3	2	-	-	-	-	-	-	-	
Finance** .....	134	37.5	59.50	-	-	3	14	22	28	37	22	4	4	-	-	-	-	-	-	-	-	
Transcribing-machine operators, general .....	770	38.0	55.00	-	17	50	126	211	144	98	67	38	11	3	-	5	-	-	-	-	-	
Manufacturing .....	290	38.5	56.50	-	-	4	12	114	73	42	22	17	3	-	3	-	-	-	-	-	-	
Nonmanufacturing .....	480	38.0	54.00	-	17	46	114	97	71	56	45	21	8	3	-	2	-	-	-	-	-	
Finance** .....	234	36.5	50.50	-	12	23	67	70	43	14	5	-	-	-	-	-	-	-	-	-	-	
Typists, class A .....	1,271	38.0	58.00	-	3	54	177	277	259	189	200	63	15	25	3	6	-	-	-	-	-	
Manufacturing .....	566	39.5	62.50	-	-	-	18	94	108	106	162	47	12	11	2	6	-	-	-	-	-	
Nonmanufacturing .....	705	37.0	54.50	-	3	54	159	183	151	83	38	16	3	14	1	-	-	-	-	-	-	
Finance** .....	512	36.5	53.50	-	2	36	116	162	123	54	12	7	-	-	-	-	-	-	-	-	-	
Services .....	62	38.0	58.50	-	-	-	10	6	21	13	6	-	-	6	-	-	-	-	-	-	-	
Typists, class B .....	3,968	38.0	49.50	-	63	986	1168	903	420	276	101	36	6	3	6	-	-	-	-	-	-	
Manufacturing .....	1,412	39.0	51.50	-	11	214	425	345	220	102	64	22	6	3	-	-	-	-	-	-	-	
Nonmanufacturing .....	2,556	37.5	48.50	-	52	772	743	558	200	174	37	14	-	-	6	-	-	-	-	-	-	
Public utilities* .....	127	37.0	53.50	-	-	8	51	28	13	9	12	6	-	-	-	-	-	-	-	-	-	
Wholesale trade .....	421	39.5	52.00	-	-	59	86	166	45	41	10	8	-	-	6	-	-	-	-	-	-	
Retail trade <sup>2</sup> .....	338	39.0	50.00	-	34	80	63	33	31	93	4	-	-	-	-	-	-	-	-	-	-	
Finance** .....	1,469	36.0	46.50	-	18	605	499	220	88	28	11	-	-	-	-	-	-	-	-	-	-	
Services .....	201	39.0	50.00	-	-	20	44	111	23	3	-	-	-	-	-	-	-	-	-	-	-	

<sup>1</sup> Standard hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.<sup>2</sup> Excludes limited-price variety stores.<sup>3</sup> All workers were at \$25 to \$30.

\* Transportation (excluding railroads), communication, and other public utilities.

\*\* Finance, insurance, and real estate.

Table A-2: Professional and Technical Occupations

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis in Philadelphia, Pa., by industry division, November 1956)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																								
		Weekly hours (Standard)	Weekly earnings (Standard)	\$50.00 and under	\$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	\$125.00	\$130.00	\$135.00	\$140.00	\$145.00	\$150.00	\$155.00 and over			
				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	125.00	130.00	135.00	140.00	145.00	150.00	155.00	over			
<b>Men</b>																												
Draftsmen, leader -----	178	39.5	\$ 137.50	-	-	-	-	-	-	-	-	-	-	-	14	19	-	1	22	10	28	29	19	14	22			
Manufacturing -----	152	40.0	138.00	-	-	-	-	-	-	-	-	-	-	-	14	12	-	1	21	2	28	26	18	12	18			
Draftsmen, senior -----	1,113	39.5	102.50	-	15	20	17	37	52	83	84	106	161	85	95	80	45	37	25	78	28	18	42	3	2			
Manufacturing -----	957	40.0	102.50	-	15	20	17	37	45	70	68	94	138	59	70	70	43	35	16	71	26	18	42	3	-			
Nonmanufacturing -----	156	38.5	102.50	-	-	-	-	-	7	13	16	12	23	26	25	10	2	9	7	2	-	-	-	-	2			
Draftsmen, junior -----	635	39.5	76.00	52	38	74	57	90	103	44	70	27	32	27	11	6	4	-	-	-	-	-	-	-	-			
Manufacturing -----	508	39.5	78.00	32	13	52	43	74	94	39	61	26	30	26	11	4	3	-	-	-	-	-	-	-	-			
Nonmanufacturing -----	127	39.0	68.00	20	25	22	14	16	9	5	9	1	2	1	-	2	1	-	-	-	-	-	-	-	-			
<b>Women</b>																												
Nurses, industrial (registered) -----	286	39.0	77.00	-	11	22	48	38	54	51	21	16	15	7	2	-	-	1	-	-	-	-	-	-	-			
Manufacturing -----	219	39.5	78.50	-	5	11	36	30	46	35	20	14	15	5	2	-	-	-	-	-	-	-	-	-	-			
Nonmanufacturing -----	67	38.0	73.50	-	6	11	12	8	8	16	1	2	-	2	-	-	-	1	-	-	-	-	-	-	-			

<sup>1</sup> Standard hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.<sup>2</sup> Workers were distributed as follows: 2 at \$1.55 to \$1.60; 12 at \$1.60 to \$1.70; 8 at \$1.70 to \$1.80.<sup>3</sup> Includes 2 workers at \$40 to \$45; 4 workers at \$45 to \$50.

Table A-3: Maintenance and Powerplant Occupations

(Average hourly earnings for men in selected occupations studied on an area basis in Philadelphia, Pa., by industry division, November 1956)

Occupation and industry division	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																					
			\$1.00 and under 1.10	\$1.10	\$1.20	\$1.30	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90	\$2.00	\$2.10	\$2.20	\$2.30	\$2.40	\$2.50	\$2.60	\$2.70	\$2.80	\$2.90	\$3.00	\$3.10 and over
Carpenters, maintenance -----	833	\$ 2.48	-	-	-	-	14	3	1	33	16	21	79	62	77	109	76	48	13	13	165	-	-	103
Manufacturing -----	607	2.44	-	-	-	-	1	-	1	18	13	17	48	40	76	83	68	48	9	12	162	-	-	11
Nonmanufacturing -----	226	2.60	-	-	-	-	13	3	-	15	3	4	31	22	1	26	8	-	4	1	3	-	-	92
Public utilities * -----	34	2.29	-	-	-	-	-	-	-	-	-	-	4	12	-	14	-	-	-	1	3	-	-	-
Retail trade <sup>3</sup> -----	109	3.06	-	-	-	-	-	-	-	-	-	-	8	3	-	11	8	-	-	-	-	-	-	79
Electricians, maintenance -----	1,585	2.47	-	-	-	-	9	4	11	11	4	77	48	132	177	164	244	274	65	39	185	89	12	40
Manufacturing -----	1,318	2.48	-	-	-	-	-	1	-	8	2	53	26	92	175	144	239	231	62	39	157	68	1	20
Nonmanufacturing -----	267	2.43	-	-	-	-	9	3	11	3	2	24	22	40	2	20	5	43	3	-	28	21	11	20
Public utilities * -----	74	2.47	-	-	-	-	-	-	-	-	-	-	1	31	2	12	-	-	-	28	-	-	-	-
Retail trade <sup>3</sup> -----	105	2.81	-	-	-	-	-	-	-	-	-	-	1	1	-	5	5	41	-	-	-	21	11	20

See footnotes at end of table.

\* Transportation (excluding railroads), communication, and other public utilities.

Occupational Wage Survey, Philadelphia, Pa., November 1956  
U.S. DEPARTMENT OF LABOR  
Bureau of Labor Statistics

Table A-3: Maintenance and Powerplant Occupations - Continued

(Average hourly earnings for men in selected occupations studied on an area basis in Philadelphia, Pa., by industry division, November 1956)

Occupation and industry division	Number of workers	Average hourly earnings <sup>1</sup>	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																					
			\$ 1.00 and under 1.10	\$ 1.10 1.20	\$ 1.20 1.30	\$ 1.30 1.40	\$ 1.40 1.50	\$ 1.50 1.60	\$ 1.60 1.70	\$ 1.70 1.80	\$ 1.80 1.90	\$ 1.90 2.00	\$ 2.00 2.10	\$ 2.10 2.20	\$ 2.20 2.30	\$ 2.30 2.40	\$ 2.40 2.50	\$ 2.50 2.60	\$ 2.60 2.70	\$ 2.70 2.80	\$ 2.80 2.90	\$ 2.90 3.00	\$ 3.00 3.10 and over	
Engineers, stationary -----	1,065	2.16	-	1	1	2	3	12	50	155	46	35	91	173	159	157	36	11	29	30	15	17	38	4
Manufacturing -----	734	2.25	-	-	-	-	-	1	33	63	18	26	76	86	129	151	13	7	29	30	15	15	38	4
Nonmanufacturing -----	331	1.97	-	1	1	2	3	11	17	92	28	9	15	87	30	6	23	4	-	-	-	2	-	-
Retail trade <sup>3</sup> -----	67	2.26	-	-	-	-	-	-	-	-	-	-	-	30	21	-	15	1	-	-	-	-	-	-
Finance** -----	134	1.95	-	-	-	-	-	-	4	46	20	7	-	42	9	2	2	2	-	-	-	-	-	-
Services -----	93	1.75	-	-	-	-	3	10	13	44	3	2	12	6	-	-	-	-	-	-	-	-	-	-
Firemen, stationary boiler -----	710	1.99	-	-	1	5	41	11	39	85	60	159	100	71	13	24	33	27	36	5	-	-	-	-
Manufacturing -----	611	2.03	-	-	-	2	34	2	27	73	33	158	77	71	12	21	33	27	36	5	-	-	-	-
Nonmanufacturing -----	99	1.78	-	-	1	3	7	9	12	12	27	1	23	-	1	3	-	-	-	-	-	-	-	-
Helpers, trades, maintenance -----	2,018	2.05	-	1	15	11	22	70	74	147	171	469	220	161	15	382	260	-	-	-	-	-	-	-
Manufacturing -----	1,538	2.10	-	-	-	7	8	45	61	126	141	250	123	151	8	358	260	-	-	-	-	-	-	-
Nonmanufacturing -----	480	1.89	-	1	15	4	14	25	13	21	30	219	97	10	7	24	-	-	-	-	-	-	-	-
Public utilities* -----	385	1.94	-	-	-	3	8	6	4	15	29	196	86	7	7	24	-	-	-	-	-	-	-	-
Machine-tool operators, toolroom -----	549	2.37	-	-	-	-	-	-	1	7	14	45	1	24	50	119	143	62	83	-	-	-	-	-
Manufacturing -----	549	2.37	-	-	-	-	-	-	1	7	14	45	1	24	50	119	143	62	83	-	-	-	-	-
Machinists, maintenance -----	1,088	2.55	-	-	-	-	-	-	-	6	1	56	32	57	89	64	127	106	124	162	194	52	3	15
Manufacturing -----	962	2.54	-	-	-	-	-	-	-	6	1	56	32	57	64	55	109	104	124	159	129	52	-	14
Mechanics, automotive (maintenance) -----	1,036	2.32	-	-	-	-	-	-	-	-	6	24	66	314	145	192	48	112	41	66	22	-	-	-
Manufacturing -----	295	2.39	-	-	-	-	-	-	-	-	4	15	60	64	41	20	24	11	34	22	-	-	-	-
Nonmanufacturing -----	741	2.29	-	-	-	-	-	-	-	6	20	51	254	81	151	28	88	30	32	-	-	-	-	-
Public utilities* -----	419	2.27	-	-	-	-	-	-	-	-	-	40	180	40	76	20	25	6	32	-	-	-	-	-
Wholesale trade -----	136	2.43	-	-	-	-	-	-	-	6	-	4	11	-	39	2	50	24	-	-	-	-	-	-
Retail trade <sup>3</sup> -----	141	2.24	-	-	-	-	-	-	-	-	-	7	60	38	30	6	-	-	-	-	-	-	-	-
Mechanics, maintenance -----	1,679	2.38	-	-	-	-	-	3	15	46	104	109	154	264	159	331	153	85	9	216	3	16	12	
Manufacturing -----	1,519	2.38	-	-	-	-	-	3	15	46	104	109	116	228	137	319	142	51	7	211	3	16	12	
Nonmanufacturing -----	160	2.38	-	-	-	-	-	-	-	-	-	-	38	36	22	12	11	34	2	5	-	-	-	
Retail trade <sup>3</sup> -----	95	2.25	-	-	-	-	-	-	-	-	-	-	36	33	16	6	4	-	-	-	-	-	-	
Millwrights -----	534	2.36	-	-	-	-	-	-	-	4	9	35	80	99	30	110	131	34	-	-	1	1	-	-
Manufacturing -----	531	2.36	-	-	-	-	-	-	-	4	9	35	79	99	30	110	131	34	-	-	-	-	-	-
Oilers -----	509	1.84	3	4	11	16	74	10	22	47	75	88	21	112	3	14	9	-	-	-	-	-	-	-
Manufacturing -----	502	1.84	3	4	11	14	74	10	21	47	71	88	21	112	3	14	9	-	-	-	-	-	-	-
Painters, maintenance -----	653	2.23	-	-	18	-	-	20	18	33	33	60	54	59	88	101	12	2	39	17	78	21	-	-
Manufacturing -----	354	2.35	-	-	-	-	-	-	-	2	7	41	41	22	75	51	12	-	18	7	78	-	-	-
Nonmanufacturing -----	299	2.09	-	-	18	-	-	20	18	31	26	19	13	37	13	50	-	2	21	10	-	21	-	-
Public utilities* -----	94	2.34	-	-	-	-	-	-	-	-	-	-	-	29	-	43	-	1	21	-	-	-	-	-
Finance** -----	99	1.84	-	-	-	-	-	1	15	29	26	19	-	8	-	1	-	-	-	-	-	-	-	-
Pipefitters, maintenance -----	931	2.53	-	-	-	-	-	-	-	1	31	57	18	122	88	169	79	20	35	302	-	-	9	
Manufacturing -----	878	2.52	-	-	-	-	-	-	-	-	31	57	16	122	67	169	79	20	32	276	-	-	9	
Plumbers, maintenance -----	92	2.31	-	-	-	-	8	-	5	8	-	1	1	17	7	7	9	5	5	6	-	4	1	8
Nonmanufacturing -----	65	2.23	-	-	-	-	8	-	5	8	-	-	-	15	4	6	6	-	-	-	-	4	1	8
Sheet-metal workers, maintenance -----	224	2.43	-	-	-	-	-	-	-	2	1	9	-	28	24	25	69	10	16	23	14	2	-	1
Manufacturing -----	199	2.43	-	-	-	-	-	-	-	2	1	9	-	15	23	23	68	9	16	23	8	2	-	-
Tool and die makers -----	1,749	2.58	-	-	-	-	-	-	-	-	-	55	79	20	52	65	185	208	587	311	147	36	4	-
Manufacturing -----	1,747	2.58	-	-	-	-	-	-	-	-	-	55	79	20	52	63	185	208	587	311	147	36	4	-

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>2</sup> Workers were distributed as follows: 10 at \$3.20 to \$3.30; 93 at \$3.30 to \$3.40.<sup>3</sup> Excludes limited-price variety stores.

\* Transportation (excluding railroads), communication, and other public utilities.

\*\* Finance, insurance, and real estate.

Table A-4: Custodial and Material Movement Occupations

(Average hourly earnings for selected occupations studied on an area basis in Philadelphia, Pa., by industry division, November 1956)

Occupation <sup>1</sup> and industry division	Number of workers	Average hourly earnings <sup>2</sup>	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																					
			\$ 0.50 and under	\$ 0.60	\$ 0.70	\$ 0.80	\$ 0.90	\$ 1.00	\$ 1.10	\$ 1.20	\$ 1.30	\$ 1.40	\$ 1.50	\$ 1.60	\$ 1.70	\$ 1.80	\$ 1.90	\$ 2.00	\$ 2.10	\$ 2.20	\$ 2.30	\$ 2.40	\$ 2.50	\$ 2.60 and over
Elevator operators, passenger (men) -----	818	1.48	-	-	15	21	12	-	21	13	125	149	296	73	67	7	15	2	2	-	-	-	-	-
Manufacturing -----	121	1.64	-	-	-	-	-	-	6	3	15	5	3	28	53	5	3	-	-	-	-	-	-	-
Nonmanufacturing -----	697	1.45	-	-	15	21	12	-	15	10	110	144	293	45	14	2	12	2	2	-	-	-	-	-
Retail trade <sup>3</sup> -----	122	1.35	-	-	-	-	-	-	3	8	101	1	-	7	-	-	-	-	2	-	-	-	-	-
Finance ** -----	437	1.52	-	-	-	-	-	-	5	2	9	83	293	45	-	-	-	-	-	-	-	-	-	-
Elevator operators, passenger (women) -----	391	1.21	-	-	-	14	130	15	33	18	83	36	43	11	5	-	3	-	-	-	-	-	-	-
Nonmanufacturing -----	351	1.18	-	-	-	14	130	15	21	17	83	35	30	-	3	-	3	-	-	-	-	-	-	-
Retail trade <sup>3</sup> -----	107	1.22	-	-	-	-	16	6	18	9	55	-	-	-	3	-	-	-	-	-	-	-	-	-
Finance ** -----	74	1.41	-	-	-	-	-	2	3	8	28	3	30	-	-	-	-	-	-	-	-	-	-	-
Services -----	140	.97	-	-	-	14	114	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-
Guards -----	1,853	1.68	-	-	-	-	-	39	309	111	68	97	106	96	62	378	243	130	16	28	170	-	-	-
Manufacturing -----	1,087	1.92	-	-	-	-	-	3	8	17	8	16	52	49	22	355	220	123	16	28	170	-	-	-
Nonmanufacturing -----	766	1.33	-	-	-	-	-	36	301	94	60	81	54	47	40	23	23	7	-	-	-	-	-	-
Finance ** -----	410	1.44	-	-	-	-	-	7	38	94	59	62	54	34	31	23	1	7	-	-	-	-	-	-
Janitors, porters, and cleaners (men) -----	6,262	1.49	-	2	6	19	265	548	364	444	572	705	843	905	686	275	419	157	44	8	-	-	-	-
Manufacturing -----	3,263	1.61	-	-	-	-	-	108	246	133	87	212	707	624	460	208	291	149	32	6	-	-	-	-
Nonmanufacturing -----	2,999	1.37	-	2	6	19	265	440	118	311	485	493	136	281	226	67	128	8	12	2	-	-	-	-
Public utilities * -----	506	1.72	-	-	-	-	-	-	2	18	32	27	30	106	125	46	120	-	-	-	-	-	-	-
Wholesale trade -----	139	1.45	-	-	-	-	-	25	16	7	11	13	14	7	26	14	2	4	-	-	-	-	-	-
Retail trade <sup>3</sup> -----	873	1.31	-	-	6	14	107	139	38	168	93	57	66	116	40	5	6	4	12	2	-	-	-	-
Finance ** -----	788	1.41	-	-	-	-	-	60	14	95	186	322	22	52	35	2	-	-	-	-	-	-	-	-
Services -----	693	1.13	-	2	-	5	158	216	48	23	163	74	4	-	-	-	-	-	-	-	-	-	-	-
Janitors, porters, and cleaners (women) -----	3,670	1.17	1	-	13	30	41	1787	837	167	172	208	258	88	33	13	18	4	-	-	-	-	-	-
Manufacturing -----	750	1.40	-	-	-	-	-	91	54	127	110	53	171	79	31	12	18	4	-	-	-	-	-	-
Nonmanufacturing -----	2,920	1.12	1	-	13	30	41	1696	783	40	62	155	87	9	2	1	-	-	-	-	-	-	-	-
Public utilities * -----	163	1.41	-	-	-	-	-	15	6	10	53	2	74	-	2	1	-	-	-	-	-	-	-	-
Wholesale trade -----	72	1.11	-	-	-	-	-	45	6	15	-	4	-	2	-	-	-	-	-	-	-	-	-	-
Retail trade <sup>3</sup> -----	230	1.06	-	-	-	18	28	159	2	2	2	11	1	7	-	-	-	-	-	-	-	-	-	-
Finance ** -----	1,650	1.14	-	-	-	-	-	2	719	759	13	7	138	12	-	-	-	-	-	-	-	-	-	-
Services -----	805	1.04	1	-	13	12	11	758	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laborers, material handling -----	10,143	1.72	-	-	15	31	166	241	424	604	520	230	859	929	1326	896	1695	1342	612	97	131	17	8	-
Manufacturing -----	6,440	1.73	-	-	-	-	-	119	320	388	325	167	448	715	1194	755	512	789	517	74	109	-	8	-
Nonmanufacturing -----	3,703	1.71	-	-	15	31	166	122	104	216	195	63	411	214	132	141	1183	553	95	23	22	17	-	-
Public utilities * -----	632	1.97	-	-	-	-	-	-	-	-	-	5	-	-	6	1	291	326	1	-	1	1	-	-
Wholesale trade -----	1,205	1.70	-	-	-	-	-	23	155	129	18	252	28	14	92	277	167	-	19	15	16	-	-	-
Retail trade <sup>3</sup> -----	1,826	1.63	-	-	15	31	142	122	65	61	66	40	159	186	112	48	615	60	94	4	6	-	-	-
Order fillers -----	2,027	1.87	-	-	-	-	-	79	102	47	80	59	54	121	217	72	481	202	225	94	8	5	52	129
Manufacturing -----	785	1.73	-	-	-	-	-	73	24	32	27	3	20	45	205	54	185	40	7	50	-	1	-	19
Nonmanufacturing -----	1,242	1.96	-	-	-	-	-	6	78	15	53	56	34	76	12	18	296	162	218	44	8	4	52	110
Wholesale trade -----	710	1.99	-	-	-	-	-	71	13	32	55	28	-	-	15	151	52	103	30	-	-	52	4108	
Retail trade <sup>3</sup> -----	462	1.90	-	-	-	-	-	6	7	2	21	1	6	76	12	3	145	40	115	14	8	4	-	2
Packers, shipping (men) -----	1,515	1.66	-	-	-	-	4	35	66	55	158	84	112	119	435	163	175	23	39	24	7	3	9	4
Manufacturing -----	1,247	1.70	-	-	-	-	-	12	47	25	105	43	63	107	434	161	165	21	29	18	7	3	3	4
Nonmanufacturing -----	268	1.45	-	-	-	-	4	23	19	30	53	41	49	12	1	2	10	2	10	6	-	-	6	-
Retail trade <sup>3</sup> -----	148	1.42	-	-	-	-	4	16	12	10	26	10	49	12	1	2	-	2	4	-	-	-	-	-

See footnotes at end of table.

\* Transportation (excluding railroads), communication, and other public utilities.

\*\* Finance, insurance, and real estate.

Occupational Wage Survey, Philadelphia, Pa., November 1956  
U.S. DEPARTMENT OF LABOR  
Bureau of Labor Statistics

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

(Average hourly earnings for selected occupations studied on an area basis in Philadelphia, Pa., by industry division, November 1956)

Occupation <sup>1</sup> and industry division	Number of workers	Average hourly earnings <sup>2</sup>	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																					
			\$0.50 and under .60	\$0.60 .70	\$0.70 .80	\$0.80 .90	\$0.90 1.00	\$1.00 1.10	\$1.10 1.20	\$1.20 1.30	\$1.30 1.40	\$1.40 1.50	\$1.50 1.60	\$1.60 1.70	\$1.70 1.80	\$1.80 1.90	\$1.90 2.00	\$2.00 2.10	\$2.10 2.20	\$2.20 2.30	\$2.30 2.40	\$2.40 2.50	\$2.50 2.60 and over	
Packers, shipping (women)	615	1.33	-	-	-	54	40	76	53	107	33	19	69	61	73	21	2	4	3	-	-	-	-	
Manufacturing	206	1.52	-	-	-	-	-	32	4	14	17	4	35	20	52	19	2	4	3	-	-	-		
Nonmanufacturing	409	1.23	-	-	-	54	40	44	49	93	16	15	34	41	21	2	-	-	-	-	-	-		
Retail trade <sup>3</sup>	334	1.24	-	-	-	54	40	32	37	42	16	15	34	41	21	2	-	-	-	-	-	-		
Receiving clerks	921	1.80	-	-	-	4	-	4	24	43	24	80	54	140	80	94	77	70	81	116	19	4	4	3
Manufacturing	501	1.94	-	-	-	-	-	1	1	3	3	26	5	50	68	75	58	53	55	84	14	4	2	3
Nonmanufacturing	420	1.63	-	-	-	4	-	4	23	43	21	54	49	90	12	19	19	17	26	32	5	-	2	-
Wholesale trade	131	1.91	-	-	-	-	-	-	-	-	-	14	22	7	-	2	6	15	26	28	4	-	2	-
Retail trade <sup>3</sup>	229	1.50	-	-	-	-	-	4	13	40	18	20	27	80	12	17	-	2	-	-	1	-	-	-
Shipping clerks	527	2.03	-	-	-	-	-	1	1	7	3	2	11	16	102	41	42	43	99	86	26	2	30	15
Manufacturing	437	2.01	-	-	-	-	-	-	-	6	-	-	7	11	98	37	34	41	83	78	22	1	18	1
Nonmanufacturing	90	2.11	-	-	-	-	-	1	1	1	3	2	4	5	4	4	8	2	16	8	4	1	12	14
Wholesale trade	64	2.33	-	-	-	-	-	-	-	-	-	-	-	-	-	8	2	16	8	4	-	-	12	14
Shipping and receiving clerks	388	2.02	-	-	-	-	-	-	-	-	6	-	7	34	4	52	64	36	119	46	12	-	8	-
Manufacturing	106	1.87	-	-	-	-	-	-	-	-	6	-	-	31	-	24	10	20	5	10	-	-	-	-
Nonmanufacturing	282	2.07	-	-	-	-	-	-	-	-	-	-	7	3	4	28	54	16	114	36	12	-	8	-
Wholesale trade	64	2.11	-	-	-	-	-	-	-	-	-	-	-	-	-	8	14	30	12	-	-	-	-	-
Retail trade <sup>3</sup>	174	2.11	-	-	-	-	-	-	-	-	-	-	-	-	-	26	18	2	84	24	12	-	8	-
Truckdrivers <sup>5</sup>	8,143	2.21	-	-	-	-	-	-	24	45	21	23	77	81	50	110	123	175	4312	326	1612	334	783	47
Manufacturing	2,169	2.19	-	-	-	-	-	-	11	12	15	11	24	72	50	87	69	124	689	166	215	303	298	23
Nonmanufacturing	5,974	2.22	-	-	-	-	-	-	13	33	6	12	53	9	-	23	54	51	3623	160	1397	31	485	24
Public utilities*	3,162	2.17	-	-	-	-	-	-	6	16	5	6	4	3	-	7	28	8	2417	74	588	-	-	-
Wholesale trade	1,876	2.32	-	-	-	-	-	-	7	7	-	-	-	6	-	-	6	-	764	62	484	31	485	24
Retail trade <sup>3</sup>	874	2.18	-	-	-	-	-	-	-	9	-	-	24	-	-	7	43	442	24	325	-	-	-	-
Services	62	1.70	-	-	-	-	-	-	-	1	1	6	25	-	-	16	13	-	-	-	-	-	-	-
Truckdrivers, light (under 1½ tons)	527	1.96	-	-	-	-	-	-	24	28	21	23	53	19	-	41	31	3	52	-	190	42	-	-
Manufacturing	348	2.10	-	-	-	-	-	-	11	12	15	11	7	12	-	21	10	1	16	-	190	42	-	-
Nonmanufacturing	179	1.69	-	-	-	-	-	-	13	16	6	12	46	7	-	20	21	2	36	-	-	-	-	-
Services	54	1.73	-	-	-	-	-	-	-	-	1	6	18	-	-	16	13	-	-	-	-	-	-	-
Truckdrivers, medium (1½ to and including 4 tons)	2,808	2.19	-	-	-	-	-	-	-	17	-	-	22	56	50	33	40	67	1563	184	312	222	242	-
Manufacturing	980	2.23	-	-	-	-	-	-	-	-	-	-	15	56	50	33	33	48	189	92	-	222	242	-
Nonmanufacturing	1,828	2.17	-	-	-	-	-	-	-	17	-	-	-	-	-	-	7	19	1374	92	312	-	-	-
Public utilities*	1,132	2.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	932	50	150	-	-	-
Wholesale trade	515	2.20	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	328	18	162	-	-	-
Retail trade <sup>3</sup>	173	2.10	-	-	-	-	-	-	-	9	-	-	-	-	-	-	7	19	114	24	-	-	-	-
Truckdrivers, heavy (over 4 tons, trailer type)	1,967	2.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	708	34	735	25	411	-
Manufacturing	195	2.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	115	8	5	22	-	-
Nonmanufacturing	1,772	2.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	593	26	730	3	411	-	-
Public utilities*	810	2.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	372	-	438	-	-	-
Wholesale trade	795	2.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	193	26	162	3	411	-
Retail trade <sup>3</sup>	167	2.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	28	-	130	-	-	-	-

See footnotes at end of table.

\* Transportation (excluding railroads), communication, and other public utilities.

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

(Average hourly earnings for selected occupations studied on an area basis  
in Philadelphia, Pa., by industry division, November 1956)

Occupation <sup>1</sup> and industry division	Number of workers	Average <sup>2</sup> hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																						
			\$ 0.50 and under	\$ 0.60	\$ 0.70	\$ 0.80	\$ 0.90	\$ 1.00	\$ 1.10	\$ 1.20	\$ 1.30	\$ 1.40	\$ 1.50	\$ 1.60	\$ 1.70	\$ 1.80	\$ 1.90	\$ 2.00	\$ 2.10	\$ 2.20	\$ 2.30	\$ 2.40	\$ 2.50	\$ 2.60 and over	
<b>Truckdrivers<sup>5</sup> - Continued</b>																									
Truckdrivers, heavy (over 4 tons, other than trailer type)	1,540	\$ 2.20	-	-	-	-	-	-	-	-	-	-	6	-	36	18	31	1146	46	122	14	74	47	-	
Manufacturing	263	2.17	-	-	-	-	-	-	-	-	-	-	4	-	33	10	14	171	4	-	4	-	23	-	
Nonmanufacturing	1,277	2.21	-	-	-	-	-	-	-	-	-	-	-	-	3	8	17	975	42	122	10	74	24	-	
Public utilities *	501	2.15	-	-	-	-	-	-	-	-	-	-	-	-	3	2	2	468	24	-	-	-	-	-	
Wholesale trade	343	2.31	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	207	18	4	10	74	24	-	
<b>Truckers, power (forklift)</b>																									
Truckers, power (forklift)	1,913	1.94	-	-	-	-	-	-	-	-	18	35	87	179	197	155	453	178	423	138	25	2	23	-	
Manufacturing	1,539	1.92	-	-	-	-	-	-	-	-	18	22	86	171	181	119	437	122	221	114	23	2	23	-	
Nonmanufacturing	374	2.03	-	-	-	-	-	-	-	-	-	13	1	8	16	36	16	56	202	24	2	-	-	-	
Public utilities *	88	2.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	56	28	-	-	-	-	-	
Retail trade <sup>3</sup>	207	2.05	-	-	-	-	-	-	-	-	-	-	1	2	16	36	12	-	120	18	2	-	-	-	
<b>Truckers, power (other than forklift)</b>																									
Truckers, power (other than forklift)	362	1.84	-	-	-	-	-	-	-	8	-	-	84	2	19	125	35	14	63	2	2	8	-	-	
Manufacturing	340	1.83	-	-	-	-	-	-	-	8	-	-	84	-	19	125	35	4	55	2	-	8	-	-	
<b>Watchman</b>																									
Watchman	1,640	1.52	-	-	-	-	32	164	54	176	107	162	282	197	148	117	74	81	46	-	-	-	-	-	
Manufacturing	986	1.61	-	-	-	-	-	37	17	71	57	86	212	167	107	66	43	79	44	-	-	-	-	-	
Nonmanufacturing	654	1.37	-	-	-	-	32	127	37	105	50	76	70	30	41	51	31	2	2	-	-	-	-	-	
Public utilities *	153	1.56	-	-	-	-	-	41	-	-	-	12	24	2	29	10	31	2	2	-	-	-	-	-	
Retail trade <sup>3</sup>	207	1.42	-	-	-	-	-	22	12	74	17	2	7	26	12	35	-	-	-	-	-	-	-	-	
Finance **	176	1.39	-	-	-	-	-	4	17	30	20	62	37	-	6	-	-	-	-	-	-	-	-	-	
Services	54	1.04	-	-	-	-	32	7	8	1	4	-	-	2	-	-	-	-	-	-	-	-	-	-	

<sup>1</sup> Data limited to men workers except where otherwise indicated.<sup>2</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.<sup>3</sup> Excludes limited-price variety stores.<sup>4</sup> Workers were distributed as follows: 78 at \$2.60 to \$2.70; 8 at \$2.70 to \$3; 22 at \$3 and over.<sup>5</sup> Includes all drivers regardless of size and type of truck operated.

\* Transportation (excluding railroads), communication, and other public utilities.

\*\* Finance, insurance, and real estate.

## B: Establishment Practices and Supplementary Wage Provisions

Table B-1: Shift Differential Provisions <sup>1</sup>

Shift differential	Percent of manufacturing plant workers—			
	(a) In establishments having formal provisions for—		(b) Actually working on—	
	Second shift work	Third or other shift work	Second shift	Third or other shift
Total .....	83.4	76.1	15.7	5.4
With shift pay differential .....	79.3	74.7	14.8	5.4
Uniform cents (per hour) .....	38.0	32.3	6.5	2.9
4 cents .....	.3	-	.1	-
5 cents .....	12.8	2.0	2.5	.1
5½ cents .....	.6	.6	.1	-
6 cents .....	2.7	.3	.5	.1
7 or 7½ cents .....	3.2	1.0	.6	.1
8 cents .....	5.6	-	1.0	-
9 cents .....	1.5	3.7	.1	.4
10 cents .....	7.2	13.9	.9	1.3
12 cents .....	-	2.5	-	.3
13 or 13½ cents .....	4.0	.9	.7	-
15 cents .....	-	2.5	-	.1
16 cents .....	-	4.0	-	.5
Over 16 cents .....	-	.9	-	†
Uniform percentage .....	38.2	36.1	7.2	1.7
5 percent .....	2.9	1.5	.2	†
7, 7¼, or 7½ percent .....	5.2	6.0	1.1	.2
8 percent .....	-	1.3	-	.1
10 percent .....	30.1	25.0	5.8	1.4
12 percent .....	-	.5	-	†
15 percent .....	-	1.9	-	-
Full day's pay for reduced hours .....	1.1	2.2	.6	.1
Full day's pay for reduced hours, plus cents or percentage differential .....	1.9	4.1	.5	.6
No shift pay differential .....	4.1	1.4	1.0	†

<sup>1</sup> Shift differential data are presented in terms of (a) establishment policy, and (b) workers actually employed on late shifts at the time of the survey. 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.

† Less than 0.05 percent.

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Table B-2: Minimum Entrance Rates for Women Office Workers<sup>1</sup>

Minimum rate (weekly salary)	Number of establishments with specified minimum hiring rate in—							Number of establishments with specified minimum hiring rate in—						
	All industries	Manufacturing			Nonmanufacturing			All industries	Manufacturing			Nonmanufacturing		
		Based on standard weekly hours <sup>2</sup> of—							Based on standard weekly hours <sup>2</sup> of—					
		All schedules	37½	40	All schedules	37½	40		All schedules	37½	40	All schedules	37½	40
Establishments studied	322	143	xxx	xxx	179	xxx	xxx	322	143	xxx	xxx	179	xxx	xxx
	For Inexperienced Typists						For Other Inexperienced Clerical Workers <sup>3</sup>							
Establishments having a specified minimum	151	69	13	46	82	17	28	161	75	17	47	86	17	30
\$30.00 and under \$32.50	-	-	-	-	-	-	-	2	-	-	-	2	-	-
\$32.50 and under \$35.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
\$35.00 and under \$37.50	5	-	-	-	5	1	2	6	-	-	-	6	1	2
\$37.50 and under \$40.00	8	-	-	-	8	1	2	14	1	1	-	13	3	2
\$40.00 and under \$42.50	48	19	6	9	29	7	9	62	24	9	11	30	8	15
\$42.50 and under \$45.00	25	10	2	6	15	2	6	19	10	2	6	9	1	3
\$45.00 and under \$47.50	24	9	-	7	15	3	5	23	13	-	10	10	2	4
\$47.50 and under \$50.00	8	5	1	4	3	1	1	7	4	-	4	3	2	1
\$50.00 and under \$52.50	11	9	3	6	2	1	1	7	6	4	2	1	-	1
\$52.50 and under \$55.00	8	4	1	3	4	1	2	9	6	1	4	3	-	2
\$55.00 and under \$57.50	8	7	-	6	1	-	-	7	6	-	5	1	-	-
\$57.50 and under \$60.00	3	3	-	2	-	-	-	2	2	-	2	-	-	-
\$60.00 and under \$62.50	3	3	-	3	-	-	-	2	2	-	2	-	-	-
\$62.50 and under \$65.00	-	-	-	-	-	-	-	1	1	-	1	-	-	-
Establishments having no specified minimum	73	33	xxx	xxx	40	xxx	xxx	89	43	xxx	xxx	46	xxx	xxx
Establishments which did not employ workers in this category	96	41	xxx	xxx	55	xxx	xxx	70	25	xxx	xxx	45	xxx	xxx
Data not available	2	-	xxx	xxx	2	xxx	xxx	2	-	xxx	xxx	2	xxx	xxx

<sup>1</sup> Lowest salary rate formally established for hiring inexperienced workers for typing or other clerical jobs.

<sup>2</sup> 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 workweek reported.

<sup>3</sup> Rates applicable to messengers, office girls, or similar subclerical jobs are not considered.

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Table B-3: Scheduled Weekly Hours

Weekly hours	PERCENT OF OFFICE WORKERS <sup>1</sup> EMPLOYED IN—							PERCENT OF PLANT WORKERS EMPLOYED IN—					
	All industries	Manufacturing	Public utilities*	Wholesale trade	Retail trade <sup>2</sup>	Finance**	Services	All industries <sup>3</sup>	Manufacturing	Public utilities*	Wholesale trade	Retail trade <sup>2</sup>	Services
All workers	100	100	100	100	100	100	100	100	100	100	100	100	100
Under 35 hours	3	-	-	-	-	9	†	-	-	-	-	-	-
35 hours	12	5	14	8	7	24	15	†	†	-	7	-	-
Over 35 and under 37½ hours	8	3	†	†	4	24	†	†	†	†	†	†	†
37½ hours	25	22	59	19	11	25	18	8	10	-	†	7	†
Over 37½ and under 40 hours	14	21	†	19	12	8	9	†	-	-	-	4	†
40 hours	39	49	26	52	66	10	55	85	85	99	86	74	87
Over 40 and under 44 hours	†	†	-	-	-	-	-	†	†	-	†	6	†
44 hours	†	-	-	-	-	-	-	†	-	-	4	5	4
Over 44 hours	-	-	-	-	-	-	-	3	3	†	-	3	6

<sup>1</sup> Data relate to women workers only.

<sup>2</sup> Excludes limited-price variety stores.

<sup>3</sup> Includes data for real estate in addition to those industry divisions shown separately.

<sup>4</sup> Includes 13 percent at 36¼ hours.

† Less than 2.5 percent.

\* Transportation (excluding railroads), communication, and other public utilities.

\*\* Finance, insurance, and real estate.

Table B-4: Paid Holidays<sup>1</sup>

Item	PERCENT OF OFFICE WORKERS EMPLOYED IN—							PERCENT OF PLANT WORKERS EMPLOYED IN—					
	All industries	Manufacturing	Public utilities*	Wholesale trade	Retail trade	Finance**	Services	All industries <sup>2</sup>	Manufacturing	Public utilities*	Wholesale trade	Retail trade	Services
All workers	100	100	100	100	100	100	100	100	100	100	100	100	100
Workers in establishments providing paid holidays	100	100	100	100	100	100	100	99	100	100	95	100	88
Less than 6 holidays	†	†	-	†	†	-	-	3	†	-	9	9	3
6 holidays	20	22	†	19	67	†	48	32	28	5	22	57	66
6 holidays plus 1 half day	†	†	†	5	-	†	16	†	3	†	-	-	-
6 holidays plus 2, 3, or 7 half days	3	6	-	†	3	†	†	3	4	-	-	-	†
7 holidays	15	23	4	23	17	†	22	32	31	42	20	33	15
7 holidays plus 1 half day	4	†	5	9	9	3	5	†	†	-	†	-	-
7 holidays plus 2, 5, or 7 half days	†	6	†	-	-	†	-	†	3	-	†	-	-
8 holidays	21	29	47	35	4	4	8	19	24	22	23	†	3
8 holidays plus 1 or 3 half days	†	†	-	-	†	-	-	†	†	22	3	-	-
9 holidays	4	5	8	6	-	†	-	3	†	4	15	-	-
9 holidays plus 1 half day	†	†	†	-	-	-	-	†	†	†	-	-	-
10 holidays	4	†	26	†	-	†	-	†	†	14	†	-	-
10 holidays plus 1 half day	†	-	4	-	-	4	-	†	-	8	-	-	-
11 holidays	†	-	-	-	-	5	-	†	†	-	-	-	-
11 holidays plus 2 half days	†	-	-	-	-	†	-	†	†	-	-	-	-
12 holidays	†	†	3	-	-	4	-	†	-	3	-	-	-
12 holidays plus 1 half day	†	-	-	-	-	†	-	†	-	-	-	-	-
13 holidays	18	-	-	-	-	67	-	†	-	†	-	-	-
13 holidays plus 1 or 2 half days	†	-	-	-	-	3	-	-	-	-	-	-	-
Workers in establishments providing no paid holidays	-	-	-	-	-	-	-	†	-	-	5	-	12

<sup>1</sup> Estimates relate to holidays provided annually.

<sup>2</sup> Includes data for real estate in addition to those industry divisions shown separately.

† Less than 2.5 percent.

\* Transportation (excluding railroads), communication, and other public utilities.

\*\* Finance, insurance, and real estate.

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Table B-5: Paid Vacations

Vacation policy	PERCENT OF OFFICE WORKERS EMPLOYED IN--							PERCENT OF PLANT WORKERS EMPLOYED IN--					
	All industries	Manufacturing	Public utilities *	Wholesale trade	Retail trade <sup>1</sup>	Finance**	Services	All industries <sup>2</sup>	Manufacturing	Public utilities *	Wholesale trade	Retail trade	Services
All workers .....	100	100	100	100	100	100	100	100	100	100	100	100	100
<b>METHOD OF PAYMENT</b>													
Workers in establishments providing paid vacations .....	99	100	100	100	100	99	100	99	100	100	84	100	100
Length-of-time payment .....	99	99	100	95	100	99	97	75	65	100	80	100	70
Percentage payment .....	†	†	-	5	-	-	-	21	32	-	4	-	6
Flat-sum payment .....	-	-	-	-	-	-	-	†	†	-	-	-	-
Other .....	†	-	-	-	-	-	3	†	†	-	-	-	24
Workers in establishments providing no paid vacations .....	†	-	-	-	-	†	-	†	-	-	16	-	-
<b>AMOUNT OF VACATION PAY AND SERVICE PERIOD<sup>3</sup></b>													
1 week or more .....	99	100	100	100	100	99	100	99	100	100	84	100	100
6 months .....	68	71	60	54	25	90	53	24	28	33	16	7	9
1 year .....	99	100	100	100	100	99	100	99	100	100	84	100	100
2 weeks or more .....	99	99	100	95	100	99	98	97	98	100	80	98	84
1 year .....	77	86	47	81	25	95	79	24	28	23	28	13	9
2 years .....	94	91	99	89	87	99	90	38	29	64	37	56	40
3 years .....	95	92	99	92	98	99	90	58	50	70	62	90	48
5 years .....	99	99	100	95	100	99	98	95	96	100	80	98	82
10 years .....	99	99	100	95	100	99	98	96	98	100	80	98	82
15 years .....	99	99	100	95	100	99	98	97	98	100	80	98	84
3 weeks or more .....	87	88	97	72	91	91	64	72	72	81	48	88	16
2 years .....	†	-	-	†	-	-	-	-	-	-	-	-	-
3 years .....	†	-	-	†	-	-	†	†	-	-	-	-	†
5 years .....	7	14	†	7	5	†	5	5	7	†	-	4	†
10 years .....	33	43	12	37	48	17	36	34	29	33	26	64	†
15 years .....	83	87	96	72	89	75	62	71	72	81	48	82	9
20 years .....	85	88	96	72	89	84	63	71	72	81	48	82	11
25 years .....	87	88	97	72	91	91	64	72	72	81	48	88	16
4 weeks or more .....	32	26	5	29	54	49	†	18	16	9	11	36	-
10 years .....	†	-	-	†	-	-	-	-	-	-	-	-	-
15 years .....	†	†	-	†	-	-	-	-	-	-	-	-	-
20 years .....	4	†	-	†	7	7	-	3	3	-	-	4	-
25 years .....	32	26	5	29	54	49	†	18	16	9	11	36	-

<sup>1</sup> Excludes limited-price variety stores.

<sup>2</sup> Includes data for real estate in addition to those industry divisions shown separately.

<sup>3</sup> 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. Estimates are cumulative. Thus, the proportion receiving 3 weeks' pay or more after 5 years includes those who receive 3 weeks' or more pay after fewer years of service.

† Less than 2.5 percent.

\* Transportation (excluding railroads), communication, and other public utilities.

\*\* Finance, insurance, and real estate.

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NOTE: 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-5: Paid Vacations - Continued

Vacation policy	PERCENT OF OFFICE WORKERS EMPLOYED IN—							PERCENT OF PLANT WORKERS EMPLOYED IN—					
	All industries	Manufacturing	Public utilities *	Wholesale trade	Retail trade <sup>1</sup>	Finance **	Services	All industries <sup>2</sup>	Manufacturing	Public utilities *	Wholesale trade	Retail trade <sup>1</sup>	Services
<b><u>PREDOMINANT PRACTICES AFTER SELECTED YEARS OF SERVICE <sup>4</sup></u></b>													
1 year or less: 1 week -----	xxx	xxx	51	xxx	75	xxx	xxx	73	71	73	56	87	68
2 years or less: 1 week -----	77	86	xxx	81	xxx	95	79	xxx	xxx	xxx	xxx	xxx	xxx
2 years or less: 2 weeks -----	xxx	xxx	xxx	xxx	xxx	xxx	xxx	43	45	xxx	42	xxx	xxx
3 years or less: 2 weeks -----	92	91	99	87	87	97	76	xxx	xxx	64	xxx	56	40
5 years or less: 2 weeks -----	94	92	99	90	98	97	76	58	50	70	62	90	46
10 years or less: 2 weeks -----	87	80	99	88	95	91	76	86	85	99	80	94	58
15 years or less: 3 weeks -----	62	52	86	58	52	72	59	52	54	63	54	<sup>5</sup> 64	58
20 years or less: 3 weeks -----	82	86	96	70	89	75	62	66	66	81	48	42	<sup>6</sup> 53
25 years or less: 3 weeks -----	82	86	96	70	82	77	63	64	63	81	48	77	<sup>6</sup> 49
25 years or less: 4 weeks -----	54	62	92	43	xxx	xxx	63	52	52	72	37	52	<sup>6</sup> 44
	xxx	xxx	xxx	xxx	54	49	xxx	xxx	xxx	xxx	xxx	xxx	xxx

<sup>1</sup> Excludes limited-price variety stores.

<sup>2</sup> Includes data for real estate in addition to those industry divisions shown separately.

<sup>4</sup> The pay provision applicable to more workers than any other single provision, for service up to and including the indicated number of years. Excludes workers who receive more or less pay for the indicated service period.

<sup>5</sup> 3 weeks.

<sup>6</sup> 2 weeks.

\* Transportation (excluding railroads), communication, and other public utilities.

\*\* Finance, insurance, and real estate.

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

Type of plan	PERCENT OF OFFICE WORKERS EMPLOYED IN—							PERCENT OF PLANT WORKERS EMPLOYED IN—					
	All industries	Manufacturing	Public utilities *	Wholesale trade	Retail trade <sup>1</sup>	Finance**	Services	All industries <sup>2</sup>	Manufacturing	Public utilities *	Wholesale trade	Retail trade <sup>1</sup>	Services
All workers .....	100	100	100	100	100	100	100	100	100	100	100	100	100
Workers in establishments providing:													
Life insurance .....	94	95	99	84	95	96	72	93	92	100	85	94	94
Accidental death and dismemberment insurance .....	30	42	82	36	18	25	19	43	48	10	35	36	71
Sickness and accident insurance or sick leave or both <sup>3</sup> .....	87	91	98	85	88	79	68	88	90	100	82	82	64
Sickness and accident insurance .....	37	65	30	34	37	3	20	76	84	65	58	60	55
Sick leave (full pay and no waiting period) .....	69	68	87	75	29	78	62	13	7	29	23	21	21
Sick leave (partial pay or waiting period) .....	6	†	9	3	36	-	-	9	6	25	7	14	†
Hospitalization insurance .....	66	77	14	74	77	67	69	80	87	55	76	71	75
Surgical insurance .....	57	76	9	61	76	38	56	75	84	33	68	70	53
Medical insurance .....	35	49	7	44	26	24	51	46	52	18	36	31	66
Catastrophe insurance .....	15	12	†	15	31	22	-	5	6	4	3	6	-
Retirement pension .....	81	82	95	76	70	87	32	59	64	80	44	58	4
No health, insurance, or pension plan .....	†	3	†	6	-	-	7	4	5	-	7	†	†

<sup>1</sup> Excludes limited-price variety stores.

<sup>2</sup> Includes data for real estate in addition to those industry divisions shown separately.

<sup>3</sup> 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.

† Less than 2.5 percent.

\* Transportation (excluding railroads), communication, and other public utilities.

\*\* Finance, insurance, and real estate.

Occupational Wage Survey, Philadelphia, Pa., November 1956  
U.S. DEPARTMENT OF LABOR  
Bureau of Labor Statistics



## Appendix: Job 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 representatives 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 memoranda, 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.

#### BOOKKEEPING-MACHINE OPERATOR - Continued

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 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, accounts payable vouchers, entering vouchers in voucher registers; reconciling bank accounts; posting subsidiary ledgers controlled by general ledgers. 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 - Responsible for maintaining an established filing system. Classifies and indexes correspondence or other material; may also file this material. May keep records of various types in conjunction with files or 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 locates or assists in locating material in the 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.

KEY-PUNCH 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 key-punch machine, following written information on records. May duplicate cards by using the duplicating device attached to machine. Keeps 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 memoranda 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

Operates machine that automatically analyzes and translates information punched in groups of tabulating cards and prints translated data on forms or accounting records; sets or adjusts machine; does simple wiring of plugboards according to established practice or diagrams; places cards to be tabulated in feed magazine and starts machine. May file cards after they are tabulated. May, in addition, operate auxiliary machines.

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

TRANSCRIBING-MACHINE OPERATOR, GENERAL - Continued

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 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 from very rough and involved draft; copying from plain or corrected copy in which there is a frequent and varied use of technical and unusual words or from foreign-language copy; combining material from several sources, or planning layout of complicated statistical tables to maintain uniformity and balance in spacing; typing tables from rough draft in final form. May type routine form letters, varying details to suit circumstances.

Class B - Performs one or more of the following: Typing from relatively clear or typed 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 TechnicalDRAFTSMAN, 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

DRAFTSMAN, LEADER - Continued

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 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

NURSE, INDUSTRIAL (REGISTERED) - Continued

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 PowerplantCARPENTER, 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 boiler-room 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 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 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

SHEET-METAL WORKER, MAINTENANCE - Continued

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.

TOOL AND DIE MAKER

(Diemaker; jig maker; toolmaker; 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; heat-treating 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.

Custodial and Material MovementELEVATOR 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 gatemen 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 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; shelver; 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 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 shipment 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

SHIPPING AND RECEIVING CLERK - Continued

other records; checking for shortages and rejecting damaged goods; routing merchandise or materials to proper departments; maintaining necessary records and files.

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.



## Bulletins in This Series

Occupational wage surveys are being conducted in 17 major labor markets during late 1956 and early 1957. Bulletins for the following areas are now available and may be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., or from any of the regional sales offices listed below. As additional bulletins become available, they will be listed in subsequent issues.

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