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# Area Wage Survey

## The Detroit, Michigan, Metropolitan Area

January 1968

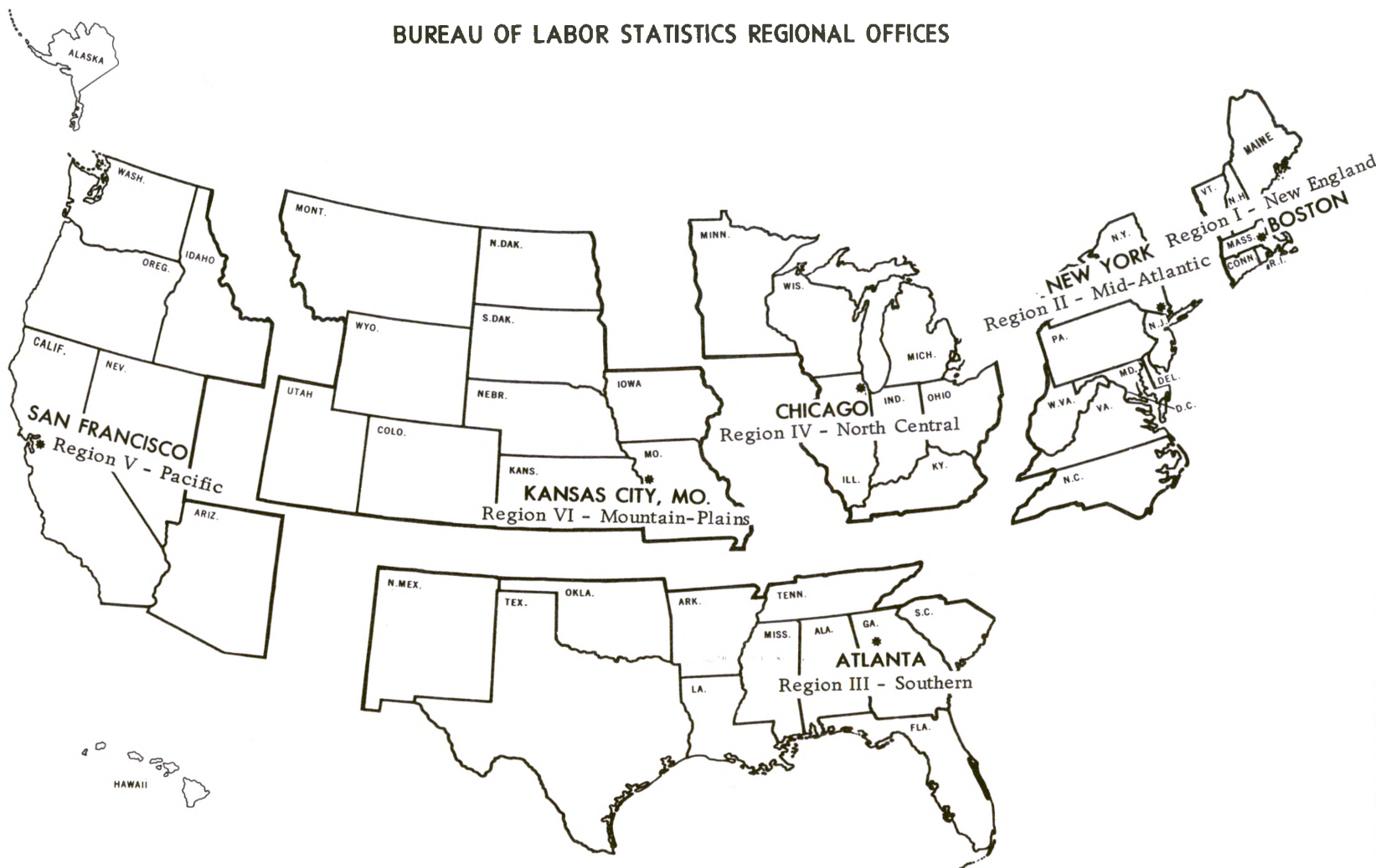


Bulletin No. 1575-45

UNITED STATES DEPARTMENT OF LABOR

BUREAU OF LABOR STATISTICS

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# Area Wage Survey

## The Detroit, Michigan, Metropolitan Area

January 1968

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May 1968

UNITED STATES DEPARTMENT OF LABOR  
Willard Wirtz, Secretary

BUREAU OF LABOR STATISTICS  
Arthur M. Ross, Commissioner



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## Preface

The Bureau of Labor Statistics program of annual occupational wage surveys in metropolitan areas is designed to provide data on occupational earnings, and establishment practices and supplementary wage provisions. It yields detailed data by selected industry division for each of the areas studied, for geographic regions, and for the United States. A major consideration in the program is the need for greater insight into (1) the movement of wages by occupational category and skill level, and (2) the structure and level of wages among areas and industry divisions.

At the end of each survey, an individual area bulletin presents survey results for each area studied. After completion of all of the individual area bulletins for a round of surveys, a two-part summary bulletin is issued. The first part brings data for each of the metropolitan areas studied into one bulletin. The second part presents information which has been projected from individual metropolitan area data to relate to geographic regions and the United States.

Eighty-six areas currently are included in the program. In each area, information on occupational earnings is collected annually and on establishment practices and supplementary wage provisions biennially.

This bulletin presents results of the survey in Detroit, Mich., in January 1968. The Standard Metropolitan Statistical Area, as defined by the Bureau of the Budget through April 1967, consists of Macomb, Oakland, and Wayne Counties. This study was conducted in the Bureau's regional office in Chicago, Ill., Thomas J. McArdle, Director. The study was under the general direction of Woodrow C. Linn, Assistant Regional Director of Operations.

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\* NOTE: Similar tabulations are available for other areas. (See inside back cover.)

Current reports on occupational earnings and supplementary wage provisions in the Detroit area are also available for hospitals (July 1966), and the machinery industries (July 1966); and on earnings only for selected food service and laundry and dry cleaning occupations (January 1968). Union scales, indicative of prevailing pay levels, are available for building construction; printing; local-transit operating employees; and motortruck drivers, helpers, and allied occupations.



## Area Wage Survey—

### The Detroit, Mich., Metropolitan Area

#### Introduction

This area is 1 of 86 in which the U. S. Department of Labor's Bureau of Labor Statistics conducts surveys of occupational earnings and related benefits on an areawide basis. In this area, data were obtained by personal visits of Bureau field economists to representative establishments within six broad industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Major industry groups excluded from these studies are government operations and the construction and extractive industries. Establishments having fewer than a prescribed number of workers are omitted because they tend to furnish insufficient employment in the occupations studied to warrant inclusion. Separate tabulations are provided for each of the broad industry divisions which meet publication criteria.

These surveys are conducted on a sample basis because of the unnecessary cost involved in surveying all establishments. To obtain optimum 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, and are of the following types: (1) Office clerical; (2) professional and technical; (3) maintenance and powerplant; and (4) custodial and material movement. Occupational classification is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. The occupations selected for study are listed and described in the appendix. The earnings data following the job titles are for all industries combined. Earnings data for some of the occupations listed and described, or for some industry divisions within occupations, are not presented in the A-series tables, because either (1) employment in the occupation is too small to provide enough data to merit presentation, or (2) there is possibility of disclosure of individual establishment data.

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, but cost-of-living

allowances and incentive earnings are included. Where weekly hours are reported, as for office clerical occupations, reference is to the standard workweek (rounded to the nearest half hour) for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates). Average weekly earnings for these occupations have been rounded to the nearest half dollar.

The averages presented reflect composite, areawide estimates. Industries and establishments differ in pay level and job staffing and, thus, contribute differently to the estimates for each job. The pay relationship obtainable from the averages may fail to reflect accurately the wage spread or differential maintained among jobs in individual establishments. Similarly, differences in average pay levels for men and women in any of the selected occupations should not be assumed to reflect differences in pay treatment of the sexes within individual establishments. Other possible factors which may contribute to differences in pay for men and women include: Differences in progression within established rate ranges, since only the actual rates paid incumbents are collected; and differences in specific duties performed, although the workers are classified appropriately within the same survey job description. Job descriptions used in classifying employees in these surveys are usually more generalized than those used in individual establishments and allow for minor differences among establishments in the specific duties performed.

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

#### Establishment Practices and Supplementary Wage Provisions

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



Minimum entrance salaries for women office workers (table B-1) relate only to the establishments visited. Because of the optimum sampling techniques used, and the probability that large establishments are more likely to have formal entrance rates for workers above the subclerical level than small establishments, the table is more-representative of policies in medium and large establishments.

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

The scheduled weekly hours (table B-3) of a majority of the first-shift workers in an establishment are tabulated as applying to all of the plant or office workers of that establishment. Scheduled weekly hours are those which full-time employees were expected to work, whether they were paid for at straight-time or overtime rates.

Paid holidays; paid vacations; health, insurance, and pension plans; and premium pay for overtime work (tables B-4 through B-6) are treated statistically on the basis that these are applicable to all plant or office workers if a majority of such workers are eligible or may eventually qualify for the practices listed. Sums of individual items in tables B-2 through B-6 may not equal totals because of rounding.

Data on paid holidays (table B-4) are limited to data on holidays granted annually on a formal basis; i.e., (1) are provided for in written form, or (2) have been established by custom. Holidays ordinarily granted are included even though they may fall on a non-workday and the worker is not granted another day off. The first part of the paid holidays table presents the number of whole and half holidays actually granted. The second part combines whole and half holidays to show total holiday time.

The summary of vacation plans (table B-5) is limited to a statistical measure of vacation provisions. It is not intended as a measure of the proportion of workers actually receiving specific benefits. Provisions of an establishment for all lengths of service were tabulated as applying to all plant or office workers of the establishment, regardless of length of service. Provisions for payment on

<sup>1</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. An establishment was considered as having formal provisions if it (1) had operated late shifts during the 12 months prior to the survey, or (2) had provisions in written form for operating late shifts.

other than a time basis were converted to a time basis; for example, a payment of 2 percent of annual earnings was considered as the equivalent of 1 week's pay. Estimates exclude vacation-savings plans and those which offer "extended" or "sabbatical" benefits beyond basic plans to workers with qualifying lengths of service. Typical of such exclusions are plans in the steel, aluminum, and can industries.

Data on health, insurance, and pension plans (table B-6) include those plans for which the employer pays at least a part of the cost. 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. An establishment was considered to have a plan if the majority of employees were eligible to be covered under the plan, even if less than a majority elected to participate because employees were required to contribute toward the cost of the plan. Legally required plans, such as workmen's compensation, social security, and railroad retirement were excluded.

Sickness and accident insurance is limited to that type of insurance under which predetermined cash payments are made directly to the insured on a weekly or monthly basis during illness or accident disability. Information is presented for all such plans to which the employer contributes. However, in New York and New Jersey, which have enacted temporary disability insurance laws which require employer contributions,<sup>2</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>3</sup> which provide full pay or a proportion of the worker's pay during absence from work because of illness. Separate tabulations are presented according to (1) plans which provide full pay and no waiting period, and (2) plans which provide 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 major 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 paid for by the employer out of a fund set aside for this purpose. Tabulations of retirement-pension plans are limited to those plans that provide regular payments for the remainder of the worker's life.

<sup>2</sup> The temporary disability laws in California and Rhode Island do not require employer contributions.

<sup>3</sup> An establishment was considered as having a formal plan if it established at least the minimum number of days of sick leave available to 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 Detroit, Mich.,<sup>1</sup> by Major Industry Division,<sup>2</sup> January 1968

Industry division	Minimum employment in establishments in scope of study	Number of establishments		Workers in establishments				
		Within scope of study <sup>3</sup>	Studied	Within scope of study				Studied
				Total <sup>4</sup>		Plant	Office	
				Number	Percent			
All divisions.....	-	1,389	303	781,700	100	510,800	128,500	601,200
Manufacturing.....	100	538	101	514,600	66	357,700	68,400	427,010
Nonmanufacturing.....	-	851	202	267,100	34	153,100	60,100	174,190
Transportation, communication, and other public utilities <sup>5</sup> .....	100	81	29	55,100	7	28,100	12,400	44,540
Wholesale trade.....	50	211	35	30,800	4	18,800	6,800	13,750
Retail trade.....	100	123	36	94,300	12	77,500	8,200	73,200
Finance, insurance, and real estate.....	50	147	39	39,400	5	1,100	25,800	25,060
Services <sup>7</sup> .....	50	289	63	47,500	6	27,600	6,900	17,640

<sup>1</sup> The Detroit Standard Metropolitan Statistical Area, as defined by the Bureau of the Budget through April 1967, consists of Macomb, Oakland, and Wayne Counties. The "workers within scope of study" estimates shown in this table provide a reasonably accurate description of the size and composition of the labor force included in the survey. The estimates are not intended, however, to serve as a basis of comparison with other employment indexes for the area to measure employment trends or levels since (1) planning of wage surveys requires the use of establishment data compiled considerably in advance of the payroll period studied, and (2) small establishments are excluded from the scope of the survey.

<sup>2</sup> The 1967 edition of the Standard Industrial Classification Manual was used in classifying establishments by industry division.

<sup>3</sup> Includes all establishments with total employment at or above the minimum 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>4</sup> Includes executive, professional, and other workers excluded from the separate plant and office categories.

<sup>5</sup> Taxicabs and services incidental to water transportation were excluded. Detroit's transit system is municipally operated and is excluded by definition from the scope of the study.

<sup>6</sup> Estimate relates to real estate establishments only. Workers from the entire industry division are represented in the Series A tables, but from the real estate portion only in "all industry" estimates in the Series B tables.

<sup>7</sup> Hotels and motels; laundries and other personal services; business services; automobile repair, rental, and parking; motion pictures; nonprofit membership organizations (excluding religious and charitable organizations); and engineering and architectural services.

Two-thirds of the employees within scope of the survey in the Detroit area were employed in manufacturing firms. The following table presents the major industry groups and specific industries as a percent of all manufacturing:

<u>Industry groups</u>	<u>Specific industries</u>
Transportation equipment..... 49	Motor vehicles and equipment..... 48
Machinery, except electrical..... 12	Blast furnace and basic steel products..... 8
Fabricated metal products..... 11	Metal stampings..... 6
Primary metal industries..... 11	Metal working machinery..... 5

This information is based on estimates of total employment derived from universe materials compiled prior to actual survey. Proportions in various industry divisions may differ from proportions based on the results of the survey as shown in table 1 above.

## Wage Trends for Selected Occupational Groups

Presented in table 2 are indexes and percentages of change in average salaries of office clerical workers and industrial nurses, and in average earnings of selected plant worker groups. The indexes are a measure of wages at a given time, expressed as a percent of wages during the base period (date of the area survey conducted between July 1960 and June 1961). Subtracting 100 from the index yields the percentage change in wages from the base period to the date of the index. The percentages of change or increase relate to wage changes between the indicated dates. These estimates are measures of change in averages for the area; they are not intended to measure average pay changes in the establishments in the area.

### Method of Computing

Each of the selected key occupations within an occupational group was assigned a weight based on its proportionate employment

in the occupational group. These constant weights reflect base year employments wherever possible. The average (mean) earnings for each occupation were multiplied by the occupational weight, and the products for all occupations in the group were totaled. The aggregates for 2 consecutive years were related by dividing the aggregate for the later year by the aggregate for the earlier year. The resultant relative, less 100 percent, shows the percentage change. The index is the product of multiplying the base year relative (100) by the relative for the next succeeding year and continuing to multiply (compound) each year's relative by the previous year's index. Average earnings for the following occupations were used in computing the wage trends:

Office clerical (men and women):  
 Bookkeeping-machine operators, class B  
 Clerks, accounting, classes A and B  
 Clerks, file, classes A, B, and C  
 Clerks, order  
 Clerks, payroll  
 Comptometer operators  
 Key punch operators, classes A and B  
 Office boys and girls

Office clerical (men and women)—Continued  
 Secretaries  
 Stenographers, general  
 Stenographers, senior  
 Switchboard operators, classes A and B  
 Tabulating-machine operators, class B  
 Typists, classes A and B  
 Industrial nurses (men and women):  
 Nurses, industrial (registered)

Skilled maintenance (men):  
 Carpenters  
 Electricians  
 Machinists  
 Mechanics  
 Mechanics (automotive)  
 Painters  
 Pipefitters  
 Tool and die makers  
 Unskilled plant (men):  
 Janitors, porters, and cleaners  
 Laborers, material handling

Table 2. Indexes of Standard Weekly Salaries and Straight-Time Hourly Earnings for Selected Occupational Groups in Detroit, Mich., January 1968 and January 1967, and Percents of Increase for Selected Periods

Industry and occupational group	Indexes (January 1961=100)		Percents of increase							
	January 1968	January 1967	January 1967	January 1966	January 1965	January 1964	January 1963	January 1962	January 1961	January 1960
			to January 1968	to January 1967	to January 1966	to January 1965	to January 1964	to January 1963	to January 1962	to January 1961
<b>All industries:</b>										
Office clerical (men and women) -----	128.2	121.5	5.5	5.6	2.8	3.0	3.0	3.0	2.5	3.1
Industrial nurses (men and women) ----	135.7	124.9	8.6	7.3	5.1	1.3	3.1	2.7	3.3	4.4
Skilled maintenance (men)-----	131.3	119.5	9.9	5.4	3.7	1.6	2.7	2.9	1.9	4.4
Unskilled plant (men) -----	129.6	122.4	5.9	6.9	4.5	.4	3.7	3.4	1.8	4.8
<b>Manufacturing:</b>										
Office clerical (men and women) -----	127.4	121.1	5.2	5.9	2.8	2.3	3.1	3.4	2.0	3.8
Industrial nurses (men and women) ----	134.1	123.5	8.6	7.2	5.5	.9	2.6	3.2	2.3	5.3
Skilled maintenance (men)-----	131.3	119.6	10.3	5.4	3.6	1.6	2.7	2.9	1.9	4.5
Unskilled plant (men) -----	127.8	121.2	5.4	5.9	4.1	1.3	2.9	3.4	1.8	4.7

For office clerical workers and industrial nurses, the wage trends relate to regular weekly salaries for the normal workweek, exclusive of earnings for overtime. For plant worker groups, they measure changes in average straight-time hourly earnings, excluding premium pay for overtime and for work on weekends, holidays, and late shifts. The percentages are based on data for selected key occupations and include most of the numerically important jobs within each group.

#### Limitations of Data

The indexes and percentages of change, as measures of change in area averages, are influenced by: (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 average wages due to changes in the labor force resulting from labor turnover, force expansions, force reductions, and changes in the proportions 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. It is conceivable that even though all establishments in an area gave wage increases, average wages may have declined because lower-paying establishments entered the area or expanded their work forces. Similarly, wages may have remained relatively constant, yet the averages for an area may have risen considerably because higher-paying establishments entered the area.

The use of constant employment weights eliminates the effect of changes in the proportion of workers represented in each job included in the data. The percentages of change reflect only changes in average pay for straight-time hours. They are not influenced by changes in standard work schedules, as such, or by premium pay for overtime. Where necessary, data were adjusted to remove from the indexes and percentages of change any significant effect caused by changes in the scope of the survey.

## A. Occupational Earnings

Table A-1. Office Occupations—Men and Women

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis by industry division, Detroit, Mich., January 1968)

Sex, occupation, and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly earnings <sup>1</sup> (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean <sup>2</sup>	Median <sup>2</sup>	Middle range <sup>2</sup>	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$			
						55 and under	60	65	70	75	80	85	90	95	100	105	110	120	130	140	150	160	170	180	190	200 and over
<b>MEN</b>																										
CLERKS, ACCOUNTING, CLASS A -----	978	40.0	\$ 159.00	\$ 156.50	\$ 143.00-176.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MANUFACTURING -----	791	40.0	159.00	155.50	143.00-175.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
NONMANUFACTURING -----	187	39.5	159.50	161.00	145.50-178.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
PUBLIC UTILITIES <sup>3</sup> -----	32	40.0	147.50	148.50	143.00-159.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
WHOLESALE TRADE -----	117	39.5	173.50	175.00	160.50-195.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
CLERKS, ACCOUNTING, CLASS B -----	325	40.0	120.50	124.00	112.50-133.00	-	-	-	2	12	10	7	3	8	12	12	76	80	61	37	2	2	1	-	-	-
MANUFACTURING -----	157	40.0	125.00	124.50	116.00-137.50	-	-	-	-	-	-	4	1	1	7	5	46	33	30	27	2	-	1	-	-	-
NONMANUFACTURING -----	168	39.5	116.00	122.50	106.00-130.50	-	-	-	2	12	10	3	2	7	5	7	30	47	31	10	-	2	-	-	-	-
CLERKS, ORDER -----	410	40.0	132.50	131.00	120.50-145.00	-	-	-	-	-	-	-	9	-	18	9	62	103	72	69	31	23	8	6	-	-
MANUFACTURING -----	102	40.0	129.00	129.00	113.00-147.00	-	-	-	-	-	-	-	9	-	13	1	6	25	19	9	9	5	5	1	-	-
NONMANUFACTURING -----	308	40.0	134.00	132.50	121.00-144.50	-	-	-	-	-	-	-	-	-	5	8	56	78	53	60	22	18	3	5	-	-
WHOLESALE TRADE -----	306	40.0	134.00	132.50	121.00-144.50	-	-	-	-	-	-	-	-	-	5	8	55	78	52	60	22	18	3	5	-	-
CLERKS, PAYROLL -----	248	40.0	143.50	141.00	129.00-160.00	-	-	-	1	-	-	-	1	15	6	-	4	41	45	55	19	29	12	2	15	3
MANUFACTURING -----	200	40.0	147.50	143.50	131.50-162.00	-	-	-	-	-	-	-	-	15	-	-	1	30	23	52	19	29	11	2	15	3
NONMANUFACTURING: PUBLIC UTILITIES <sup>3</sup> -----	29	39.5	131.00	133.50	128.00-138.00	-	-	-	1	-	-	-	-	-	-	-	-	10	16	2	-	-	-	-	-	-
OFFICE BOYS -----	325	39.0	86.50	82.00	71.50-104.50	5	25	28	73	16	38	19	15	17	9	30	31	14	3	2	-	-	-	-	-	-
MANUFACTURING -----	133	40.0	99.50	105.00	87.50-111.00	-	3	6	11	-	6	14	8	15	4	29	24	8	3	2	-	-	-	-	-	-
NONMANUFACTURING -----	192	38.5	77.50	74.00	70.00-83.00	5	22	22	62	16	32	5	7	2	5	1	7	6	-	-	-	-	-	-	-	-
PUBLIC UTILITIES <sup>3</sup> -----	28	40.0	99.00	85.00	82.00-120.00	-	-	1	-	-	14	-	-	-	-	-	7	6	-	-	-	-	-	-	-	-
FINANCE <sup>4</sup> -----	59	38.5	73.00	73.00	63.50-79.00	5	14	6	9	13	2	2	7	1	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	83	37.5	74.00	72.50	70.50-75.00	-	-	15	50	-	14	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
TABULATING-MACHINE OPERATORS, CLASS A -----	234	39.5	151.00	149.50	137.00-167.00	-	-	-	-	-	-	-	-	-	1	-	15	23	35	45	33	28	23	27	2	2
MANUFACTURING -----	165	40.0	157.00	159.00	141.00-176.00	-	-	-	-	-	-	-	-	-	-	-	3	9	27	26	22	26	21	27	2	2
NONMANUFACTURING -----	69	39.0	137.00	140.00	123.00-149.00	-	-	-	-	-	-	-	-	-	1	-	12	14	8	19	11	2	2	-	-	-
TABULATING-MACHINE OPERATORS, CLASS B -----	330	39.0	128.00	127.00	118.50-139.50	-	-	-	-	-	2	3	2	3	35	12	32	91	72	40	28	10	-	-	-	-
MANUFACTURING -----	169	40.0	137.00	138.00	125.00-149.00	-	-	-	-	-	-	-	-	1	4	2	13	43	30	38	28	10	-	-	-	-
NONMANUFACTURING -----	161	38.5	118.00	121.50	105.00-131.00	-	-	-	-	-	2	3	2	2	31	10	19	48	42	2	-	-	-	-	-	-
FINANCE <sup>4</sup> -----	63	38.0	111.00	105.00	102.00-122.00	-	-	-	-	-	2	-	2	1	28	4	5	16	3	2	-	-	-	-	-	-
TABULATING-MACHINE OPERATORS, CLASS C -----	109	39.5	116.50	117.00	109.50-124.00	-	-	-	-	2	1	-	2	3	4	17	40	26	11	3	-	-	-	-	-	-
MANUFACTURING -----	75	40.0	121.00	120.00	115.00-127.00	-	-	-	-	-	-	-	1	1	1	3	33	22	11	3	-	-	-	-	-	-
<b>WOMEN</b>																										
FILEERS, MACHINE (BILLING MACHINE) -----	269	39.5	100.00	96.00	90.00-115.50	-	-	-	-	10	22	35	65	19	39	8	41	26	3	1	-	-	-	-	-	-
MANUFACTURING -----	73	39.5	98.50	95.50	86.00-112.50	-	-	-	-	10	5	14	7	15	-	4	1	14	2	1	-	-	-	-	-	-
NONMANUFACTURING -----	196	40.0	100.50	98.00	91.00-115.50	-	-	-	-	-	17	21	58	4	39	4	40	12	1	-	-	-	-	-	-	-
PUBLIC UTILITIES <sup>3</sup> -----	54	40.0	117.00	118.00	116.00-120.00	-	-	-	-	-	-	-	-	-	7	-	35	12	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	118	40.0	93.50	92.50	89.50-100.00	-	-	-	-	-	12	19	56	2	26	1	1	-	1	-	-	-	-	-	-	-
FILEERS, MACHINE (BOOKKEEPING MACHINE) -----	91	40.0	95.50	101.00	83.00-104.50	-	1	3	3	2	23	6	-	2	33	-	14	4	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	62	39.5	89.50	85.00	81.50-102.50	-	1	3	3	2	23	6	-	-	20	-	-	4	-	-	-	-	-	-	-	-

See footnotes at end of table.









Table A-1. Office Occupations—Men and Women—Continued

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis by industry division, Detroit, Mich., January 1968)

Sex, occupation, and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly earnings <sup>1</sup> (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean <sup>2</sup>	Median <sup>2</sup>	Middle range <sup>2</sup>	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$			
						55 and under	60	65	70	75	80	85	90	95	100	105	110	110	120	130	140	150	160	170	180	190
<b>WOMEN - CONTINUED</b>																										
TYPISTS, CLASS A -----	1,568	39.5	\$ 108.00	\$ 107.50	\$ 91.50-126.50	-	-	14	12	58	156	112	134	75	158	138	205	153	263	89	1	-	-	-	-	-
MANUFACTURING -----	727	40.0	118.50	118.00	106.00-133.50	-	-	2	-	-	8	12	43	14	83	84	140	51	202	87	1	-	-	-	-	-
NONMANUFACTURING -----	841	39.0	98.50	95.00	84.50-113.00	-	-	12	12	58	148	100	91	61	75	54	65	102	61	2	-	-	-	-	-	-
PUBLIC UTILITIES <sup>3</sup> -----	112	40.0	111.00	114.00	93.50-127.50	-	-	-	-	1	9	12	9	3	9	7	16	34	10	2	-	-	-	-	-	-
FINANCE <sup>4</sup> -----	350	39.0	88.50	87.50	82.00-96.50	-	-	8	8	33	100	54	50	32	38	15	7	4	1	-	-	-	-	-	-	-
SERVICES -----	167	36.5	102.50	102.00	92.00-121.00	-	-	4	4	8	10	10	16	21	27	5	10	52	-	-	-	-	-	-	-	-
TYPISTS, CLASS B -----	2,844	39.5	90.00	87.00	77.00-98.50	24	69	168	348	266	398	370	370	180	126	48	217	119	79	62	-	-	-	-	-	-
MANUFACTURING -----	1,072	40.0	103.00	98.50	88.50-116.50	-	-	6	51	35	77	136	156	109	59	44	174	86	78	61	-	-	-	-	-	-
NONMANUFACTURING -----	1,772	39.0	82.50	81.50	73.00-90.00	24	69	162	297	231	321	234	214	71	67	4	43	33	1	1	-	-	-	-	-	-
PUBLIC UTILITIES <sup>3</sup> -----	201	38.5	93.00	88.50	83.00-98.50	-	-	-	-	5	73	33	31	13	3	3	35	5	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	220	39.5	87.00	89.00	79.00-94.00	-	-	-	13	55	7	46	59	1	35	-	-	2	1	1	-	-	-	-	-	-
RETAIL TRADE -----	178	39.5	77.00	73.50	67.50-87.00	-	24	44	29	10	21	14	20	16	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE <sup>4</sup> -----	972	39.0	80.50	79.50	72.00-87.00	24	29	99	203	145	178	127	84	32	19	1	5	26	-	-	-	-	-	-	-	-
SERVICES -----	201	39.0	80.00	79.50	71.50-87.50	-	16	19	52	16	42	14	20	9	10	-	3	-	-	-	-	-	-	-	-	-

<sup>1</sup> Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

<sup>2</sup> The mean is computed for each job by totaling the earnings of all workers and dividing by the number of workers. The median designates position—half of the employees surveyed receive more than the rate shown; half receive less than the rate shown. The middle range is defined by 2 rates of pay; a fourth of the workers earn less than the lower of these rates and a fourth earn more than the higher rate.

<sup>3</sup> Transportation, communication, and other public utilities.

<sup>4</sup> Finance, insurance, and real estate.

<sup>5</sup> May include workers other than those presented separately.

Table A-2. Professional and Technical Occupations—Men and Women

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis by industry division, Detroit, Mich., January 1968)

Sex, occupation, and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard)	Weekly earnings <sup>1</sup> (standard)			Number of workers receiving straight-time weekly earnings of—																								
			Mean <sup>2</sup>	Median <sup>2</sup>	Middle range <sup>2</sup>	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 250	\$ 260				
						and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEN																														
CRAFTSMEN, CLASS A -----	3,279	40.0	\$ 215.50	\$ 221.50	\$ 202.50-236.50	-	-	-	-	-	-	-	82	33	41	84	78	123	172	549	366	644	462	418	203	24				
MANUFACTURING -----	2,347	40.0	220.00	226.00	207.00-239.50	-	-	-	-	-	-	-	80	6	8	53	63	92	88	243	285	415	440	370	197	7				
NONMANUFACTURING -----	932	40.0	204.50	204.50	200.00-222.00	-	-	-	-	-	-	-	2	27	33	31	15	31	84	306	81	229	22	48	6	17				
SERVICES -----	921	40.0	204.50	204.50	200.00-222.50	-	-	-	-	-	-	-	-	27	30	31	15	30	84	301	81	229	22	48	6	17				
CRAFTSMEN, CLASS B -----	2,061	40.0	164.50	166.50	147.00-183.00	-	-	-	4	15	18	141	128	270	257	272	372	222	201	117	31	13	-	-	-	-				
MANUFACTURING -----	1,372	40.0	169.50	168.00	153.50-189.50	-	-	-	4	14	13	49	58	155	211	215	141	183	175	111	30	13	-	-	-	-				
NONMANUFACTURING -----	689	40.0	155.00	162.00	140.50-173.50	-	-	-	-	1	5	92	70	115	46	57	231	39	26	6	1	-	-	-	-	-				
PUBLIC UTILITIES <sup>3</sup> -----	52	39.5	152.00	151.50	147.50-160.00	-	-	-	-	-	-	1	21	18	12	-	-	-	-	-	-	-	-	-	-	-				
SERVICES -----	636	40.0	155.50	165.50	138.00-173.50	-	-	-	-	1	5	92	69	94	28	44	231	39	26	6	1	-	-	-	-	-				
CRAFTSMEN, CLASS C -----	1,200	40.0	130.50	130.00	111.50-149.00	-	17	45	85	115	203	134	200	108	98	61	35	85	9	5	-	-	-	-	-	-				
MANUFACTURING -----	881	40.0	138.50	135.00	118.50-157.50	-	9	7	5	78	139	105	170	86	87	61	35	85	9	5	-	-	-	-	-	-				
NONMANUFACTURING -----	319	40.0	108.00	107.50	92.50-123.00	-	8	38	80	37	64	29	30	22	11	-	-	-	-	-	-	-	-	-	-	-				
PUBLIC UTILITIES <sup>3</sup> -----	30	38.5	114.00	119.50	89.50-131.50	-	-	8	1	2	5	5	8	-	1	-	-	-	-	-	-	-	-	-	-	-				
SERVICES -----	284	40.0	107.50	106.00	92.50-122.00	-	8	30	79	30	59	24	22	22	10	-	-	-	-	-	-	-	-	-	-	-				
CRAFTSMEN-TRACERS -----	296	40.0	107.50	120.50	76.00-130.00	18	61	13	20	16	13	83	52	18	-	2	-	-	-	-	-	-	-	-	-	-				
MANUFACTURING -----	207	40.0	123.00	124.50	120.00-133.00	-	-	-	4	20	15	13	83	52	18	-	2	-	-	-	-	-	-	-	-	-				
WOMEN																														
NURSES, INDUSTRIAL (REGISTERED) ---	445	40.0	143.00	144.00	130.50-156.50	-	-	2	1	4	35	64	84	102	59	60	34	-	-	-	-	-	-	-	-	-				
MANUFACTURING -----	392	40.0	144.50	145.50	132.50-157.00	-	-	2	1	1	23	51	73	100	58	50	33	-	-	-	-	-	-	-	-	-				
NONMANUFACTURING -----	53	39.5	133.00	129.00	118.50-144.00	-	-	-	-	3	12	13	11	2	1	10	1	-	-	-	-	-	-	-	-	-				
PUBLIC UTILITIES <sup>3</sup> -----	25	39.0	140.50	133.00	126.00-166.00	-	-	-	-	1	2	6	7	1	1	7	-	-	-	-	-	-	-	-	-	-				

<sup>1</sup> Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

<sup>2</sup> For definition of terms, see footnote 2, table A-1.

<sup>3</sup> Transportation, communication, and other public utilities.

Table A-3. Office, Professional, and Technical Occupations—Men and Women Combined

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis by industry division, Detroit, Mich., January 1968)

Occupation and industry division	Number of workers	Average		Occupation and industry division	Number of workers	Average		Occupation and industry division	Number of workers	Average	
		Weekly hours <sup>1</sup> (standard)	Weekly earnings <sup>1</sup> (standard)			Weekly hours <sup>1</sup> (standard)	Weekly earnings <sup>1</sup> (standard)			Weekly hours <sup>1</sup> (standard)	Weekly earnings <sup>1</sup> (standard)
<b>OFFICE OCCUPATIONS</b>				<b>OFFICE OCCUPATIONS - CONTINUED</b>				<b>OFFICE OCCUPATIONS - CONTINUED</b>			
BILLERS, MACHINE (BILLING MACHINE) -----	269	39.5	\$ 100.00	CLERKS, ORDER -----	768	40.0	\$ 119.00	SECRETARIES <sup>4</sup> - CONTINUED			
MANUFACTURING -----	73	39.5	98.50	MANUFACTURING -----	312	39.5	112.00	SECRETARIES, CLASS B -----	1,625	39.5	\$ 149.50
NONMANUFACTURING -----	196	40.0	100.50	NONMANUFACTURING -----	456	40.0	123.50	MANUFACTURING -----	966	40.0	163.00
PUBLIC UTILITIES <sup>2</sup> -----	54	40.0	117.00	WHOLESALE TRADE -----	394	40.0	126.50	NONMANUFACTURING -----	659	38.5	129.50
WHOLESALE TRADE -----	118	40.0	93.50	CLERKS, PAYROLL -----	1,077	39.5	120.50	PUBLIC UTILITIES <sup>2</sup> -----	64	38.5	151.00
BILLERS, MACHINE (BOOKKEEPING MACHINE) -----	91	40.0	95.50	MANUFACTURING -----	659	40.0	129.50	WHOLESALE TRADE -----	119	40.0	145.00
NONMANUFACTURING -----	62	39.5	89.50	NONMANUFACTURING -----	418	39.5	107.00	RETAIL TRADE -----	71	39.5	118.00
BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	299	39.5	109.00	PUBLIC UTILITIES <sup>2</sup> -----	87	39.5	123.50	FINANCE <sup>3</sup> -----	261	37.5	116.50
MANUFACTURING -----	153	40.0	118.00	RETAIL TRADE -----	121	40.0	93.50	SERVICES -----	144	37.5	135.50
NONMANUFACTURING -----	146	39.0	99.50	SERVICES -----	121	39.0	106.00	SECRETARIES, CLASS C -----	3,998	39.5	137.50
BOOKKEEPING-MACHINE OPERATORS, CLASS B -----	442	40.0	94.00	COMPTONER OPERATORS -----	949	39.5	107.50	MANUFACTURING -----	2,658	40.0	145.00
MANUFACTURING -----	119	39.5	102.00	MANUFACTURING -----	369	40.0	126.50	NONMANUFACTURING -----	1,340	39.0	122.50
NONMANUFACTURING -----	323	40.0	91.00	NONMANUFACTURING -----	580	39.0	95.00	PUBLIC UTILITIES <sup>2</sup> -----	183	39.0	130.50
WHOLESALE TRADE -----	68	40.0	93.00	PUBLIC UTILITIES <sup>2</sup> -----	28	40.0	122.00	WHOLESALE TRADE -----	129	40.0	102.50
RETAIL TRADE -----	62	40.5	93.00	WHOLESALE TRADE -----	158	40.0	103.00	FINANCE <sup>3</sup> -----	419	39.0	114.00
SERVICES -----	54	38.5	107.50	RETAIL TRADE -----	356	39.0	89.50	SERVICES -----	261	37.0	123.50
CLERKS, ACCOUNTING, CLASS A -----	2,236	39.5	141.00	KEYPUNCH OPERATORS, CLASS A -----	1,003	39.5	109.50	SECRETARIES, CLASS D -----	1,240	39.0	111.50
MANUFACTURING -----	1,355	40.0	152.00	MANUFACTURING -----	381	40.0	118.50	MANUFACTURING -----	519	40.0	122.50
NONMANUFACTURING -----	881	39.0	124.00	NONMANUFACTURING -----	622	39.0	103.50	NONMANUFACTURING -----	721	38.5	103.50
PUBLIC UTILITIES <sup>2</sup> -----	111	40.0	129.00	PUBLIC UTILITIES <sup>2</sup> -----	159	40.0	119.50	WHOLESALE TRADE -----	62	40.0	97.00
WHOLESALE TRADE -----	230	40.0	152.00	WHOLESALE TRADE -----	56	40.0	96.50	FINANCE <sup>3</sup> -----	260	38.0	99.00
RETAIL TRADE -----	187	39.5	109.50	RETAIL TRADE -----	103	39.5	94.50	SERVICES -----	107	38.0	114.00
FINANCE <sup>3</sup> -----	179	38.0	105.00	FINANCE <sup>3</sup> -----	156	38.5	95.50	STENOGRAPHERS, GENERAL -----	2,341	39.5	103.00
SERVICES -----	174	38.5	119.50	SERVICES -----	148	38.5	104.50	MANUFACTURING -----	1,115	40.0	109.00
CLERKS, ACCOUNTING, CLASS B -----	2,652	39.5	99.00	KEYPUNCH OPERATORS, CLASS B -----	2,297	39.5	105.00	NONMANUFACTURING -----	1,226	39.0	97.00
MANUFACTURING -----	858	40.0	110.00	MANUFACTURING -----	1,063	40.0	119.50	PUBLIC UTILITIES <sup>2</sup> -----	362	39.5	108.50
NONMANUFACTURING -----	1,794	39.0	93.50	NONMANUFACTURING -----	1,234	39.0	93.00	WHOLESALE TRADE -----	153	40.0	103.50
PUBLIC UTILITIES <sup>2</sup> -----	395	39.5	108.50	WHOLESALE TRADE -----	292	40.0	108.50	RETAIL TRADE -----	162	39.0	91.50
WHOLESALE TRADE -----	225	40.0	98.50	RETAIL TRADE -----	117	40.0	82.50	FINANCE <sup>3</sup> -----	333	39.0	86.50
RETAIL TRADE -----	480	39.5	85.50	FINANCE <sup>3</sup> -----	333	38.5	87.00	SERVICES -----	216	37.5	94.50
FINANCE <sup>3</sup> -----	489	38.0	88.00	SERVICES -----	283	38.5	89.50	STENOGRAPHERS, SENIOR -----	3,628	39.5	122.50
SERVICES -----	205	38.5	92.00	OFFICE BOYS AND GIRLS -----	727	39.5	83.50	MANUFACTURING -----	2,617	40.0	127.00
CLERKS, FILE, CLASS A -----	248	39.0	110.50	MANUFACTURING -----	297	40.0	98.00	NONMANUFACTURING -----	1,011	38.0	110.00
NONMANUFACTURING -----	164	39.0	104.00	NONMANUFACTURING -----	430	39.0	74.00	PUBLIC UTILITIES <sup>2</sup> -----	119	39.5	121.50
SERVICES -----	58	38.5	90.00	PUBLIC UTILITIES <sup>2</sup> -----	74	38.5	86.00	FINANCE <sup>3</sup> -----	247	39.5	103.50
CLERKS, FILE, CLASS B -----	650	39.5	82.50	RETAIL TRADE -----	71	40.0	67.00	SERVICES -----	559	37.0	109.50
MANUFACTURING -----	140	39.5	100.00	FINANCE <sup>3</sup> -----	159	39.0	71.00	SWITCHBOARD OPERATORS, CLASS A -----	351	39.5	123.00
NONMANUFACTURING -----	510	39.5	77.50	SERVICES -----	106	38.0	73.50	MANUFACTURING -----	249	40.0	130.50
PUBLIC UTILITIES <sup>2</sup> -----	34	40.0	89.50	SECRETARIES <sup>4</sup> -----	7,452	39.5	136.00	NONMANUFACTURING -----	102	38.5	105.00
FINANCE <sup>3</sup> -----	360	39.5	77.00	MANUFACTURING -----	4,427	40.0	147.00	SWITCHBOARD OPERATORS, CLASS B -----	531	39.5	87.00
CLERKS, FILE, CLASS C -----	766	39.5	72.50	NONMANUFACTURING -----	3,025	38.5	120.00	MANUFACTURING -----	57	40.0	107.00
MANUFACTURING -----	85	40.0	74.50	PUBLIC UTILITIES <sup>2</sup> -----	562	38.5	121.50	NONMANUFACTURING -----	474	39.5	84.50
NONMANUFACTURING -----	681	39.5	72.50	WHOLESALE TRADE -----	555	40.0	133.50	PUBLIC UTILITIES <sup>2</sup> -----	39	40.0	113.50
PUBLIC UTILITIES <sup>2</sup> -----	56	39.0	88.50	RETAIL TRADE -----	325	39.5	107.00	RETAIL TRADE -----	164	40.0	79.50
WHOLESALE TRADE -----	86	40.0	72.50	FINANCE <sup>3</sup> -----	1,028	38.5	112.00	FINANCE <sup>3</sup> -----	135	39.0	86.00
FINANCE <sup>3</sup> -----	434	39.0	70.50	SERVICES -----	555	37.5	127.00	SERVICES -----	99	39.5	78.00
				SECRETARIES, CLASS A -----	462	39.5	150.50				
				MANUFACTURING -----	284	39.5	157.50				
				NONMANUFACTURING -----	178	38.5	140.00				
				FINANCE <sup>3</sup> -----	69	38.0	129.00				

See footnotes at end of table.

Table A-3. Office, Professional, and Technical Occupations—Men and Women Combined—Continued

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis by industry division, Detroit, Mich., January 1968)

Occupation and industry division	Number of workers	Average		Occupation and industry division	Number of workers	Average		Occupation and industry division	Number of workers	Average	
		Weekly hours <sup>1</sup> (standard)	Weekly earnings <sup>1</sup> (standard)			Weekly hours <sup>1</sup> (standard)	Weekly earnings <sup>1</sup> (standard)			Weekly hours <sup>1</sup> (standard)	Weekly earnings <sup>1</sup> (standard)
<b>OFFICE OCCUPATIONS - CONTINUED</b>				<b>OFFICE OCCUPATIONS - CONTINUED</b>				<b>PROFESSIONAL AND TECHNICAL OCCUPATIONS</b>			
SWITCHBOARD OPERATOR-RECEPTIONISTS-	924	39.5	\$ 99.00	TABULATING-MACHINE OPERATORS,				DRAFTSMEN, CLASS A -----	3,302	40.0	\$ 215.50
MANUFACTURING -----	474	40.0	101.50	CLASS C -----	164	40.0	111.50	MANUFACTURING -----	2,355	40.0	220.00
NONMANUFACTURING -----	450	39.5	96.00	MANUFACTURING -----	99	40.0	119.00	NONMANUFACTURING -----	947	40.0	203.50
PUBLIC UTILITIES <sup>2</sup> -----	50	39.0	109.00	NONMANUFACTURING -----	65	39.5	100.00	SERVICES -----	936	40.0	204.00
WHOLESALE TRADE -----	150	39.5	95.50	TRANSCRIBING-MACHINE OPERATORS,				DRAFTSMEN, CLASS B -----	2,063	40.0	164.50
RETAIL TRADE -----	88	40.5	94.00	GENERAL -----	311	39.0	90.00	MANUFACTURING -----	1,374	40.0	169.50
FINANCE <sup>3</sup> -----	90	38.0	89.00	NONMANUFACTURING -----	303	39.0	90.00	NONMANUFACTURING -----	689	40.0	155.00
SERVICES -----	72	39.0	99.00	WHOLESALE TRADE -----	74	40.0	94.00	PUBLIC UTILITIES <sup>2</sup> -----	52	39.5	152.00
TABULATING-MACHINE OPERATORS,				FINANCE <sup>3</sup> -----	141	38.0	85.50	SERVICES -----	636	40.0	155.50
CLASS A -----	275	39.5	150.00	TYPISTS, CLASS A -----	1,778	39.5	109.50	DRAFTSMEN, CLASS C -----	1,221	40.0	130.00
MANUFACTURING -----	188	40.0	156.00	MANUFACTURING -----	934	40.0	119.50	MANUFACTURING -----	889	40.0	138.50
NONMANUFACTURING -----	87	39.0	136.50	NONMANUFACTURING -----	844	39.0	98.50	NONMANUFACTURING -----	332	40.0	108.50
TABULATING-MACHINE OPERATORS,				PUBLIC UTILITIES <sup>2</sup> -----	113	40.0	111.00	PUBLIC UTILITIES <sup>2</sup> -----	31	38.5	114.50
CLASS B -----	462	39.0	123.00	FINANCE <sup>3</sup> -----	351	39.0	88.50	SERVICES -----	296	40.0	108.00
MANUFACTURING -----	221	40.0	133.00	SERVICES -----	167	36.5	102.50	DRAFTSMEN-TRACERS -----	306	40.0	107.50
NONMANUFACTURING -----	241	38.5	114.00	TYPISTS, CLASS B -----	2,854	39.5	90.00	MANUFACTURING -----	217	40.0	122.50
PUBLIC UTILITIES <sup>2</sup> -----	53	38.5	110.00	MANUFACTURING -----	1,081	40.0	103.50	NURSES, INDUSTRIAL (REGISTERED) ---	494	40.0	144.50
FINANCE <sup>3</sup> -----	81	38.0	110.50	NONMANUFACTURING -----	1,773	39.0	82.50	MANUFACTURING -----	441	40.0	145.50
SERVICES -----	61	37.5	122.50	PUBLIC UTILITIES <sup>2</sup> -----	201	38.5	93.00	NONMANUFACTURING -----	53	39.5	133.00
				WHOLESALE TRADE -----	220	39.5	87.00	PUBLIC UTILITIES <sup>2</sup> -----	25	39.0	140.50
				RETAIL TRADE -----	179	39.5	77.50				
				FINANCE <sup>3</sup> -----	972	39.0	80.50				
				SERVICES -----	201	39.0	80.00				

<sup>1</sup> Standard hours reflect the workweek for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates), and the earnings correspond to these weekly hours.

<sup>2</sup> Transportation, communication, and other public utilities.

<sup>3</sup> Finance, insurance, and real estate.

<sup>4</sup> May include workers other than those presented separately.

Table A-4. Maintenance and Powerplant Occupations

(Average straight-time hourly earnings for men in selected occupations studied on an area basis by industry division, Detroit, Mich., January 1968)

Occupation and industry division	Number of workers	Hourly earnings <sup>1</sup>			Number of workers receiving straight-time hourly earnings of—																							
		Mean <sup>2</sup>	Median <sup>2</sup>	Middle range <sup>2</sup>	Number of workers receiving straight-time hourly earnings of—																							
					Under \$2.50	and under	2.50	2.60	2.70	2.80	2.90	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	4.00	4.10	4.20	4.30	4.40	4.60	4.80
CARPENTERS, MAINTENANCE -----	825	4.02	4.02	3.66- 4.44	-	-	3	4	5	10	-	2	23	12	101	30	27	19	89	81	29	-	18	21	344	-	7	
MANUFACTURING -----	672	4.08	4.40	3.77- 4.45	-	-	-	-	4	-	-	-	18	3	98	25	13	11	52	45	29	-	15	21	338	-	-	
NONMANUFACTURING -----	153	3.71	3.84	3.53- 3.94	-	-	3	4	1	10	-	2	5	9	3	5	14	8	37	36	-	-	3	-	6	-	7	
PUBLIC UTILITIES <sup>3</sup> -----	56	3.63	3.81	3.62- 3.86	-	-	-	2	-	6	-	-	-	-	2	-	13	3	30	-	-	-	-	-	-	-	-	
ELECTRICIANS, MAINTENANCE -----	3,795	4.36	4.48	4.10- 4.60	-	-	-	7	5	11	5	9	23	54	-	38	92	79	67	442	120	53	9	185	1637	917	42	
MANUFACTURING -----	3,566	4.38	4.49	4.17- 4.61	-	-	-	-	5	11	5	9	23	54	-	38	92	79	67	442	120	53	9	185	1628	907	39	
NONMANUFACTURING -----	229	3.98	4.32	3.36- 4.37	-	-	-	7	5	11	5	-	23	11	-	1	2	5	7	4	14	-	1	111	9	10	3	
ENGINEERS, STATIONARY -----	705	4.19	4.19	3.80- 4.62	-	-	4	-	12	7	1	5	22	17	1	11	19	79	7	97	9	66	16	34	96	134	68	
MANUFACTURING -----	528	4.37	4.44	3.92- 4.65	-	-	-	-	-	7	-	-	-	12	-	-	18	62	-	49	-	45	14	34	92	134	68	
NONMANUFACTURING -----	177	3.65	3.84	3.27- 3.98	-	-	4	-	12	7	1	5	22	5	1	11	1	17	7	48	9	21	2	-	4	-	-	
PUBLIC UTILITIES <sup>3</sup> -----	26	3.55	3.65	3.24- 3.80	-	-	-	-	-	-	-	-	5	4	-	4	1	6	6	-	-	-	-	-	-	-	-	-
FIREMEN, STATIONARY BOILER -----	667	4.02	4.35	3.58- 4.44	-	-	1	1	-	48	60	28	7	-	5	21	31	13	8	6	-	22	13	136	267	-	-	
MANUFACTURING -----	644	4.04	4.36	3.61- 4.44	-	-	-	-	-	40	60	28	5	-	3	21	31	11	8	6	-	22	12	136	261	-	-	
HELPERS, MAINTENANCE TRADES -----	598	3.09	3.22	2.73- 3.36	13	3	120	40	12	48	28	13	111	110	55	13	28	-	-	2	2	-	-	-	-	-	-	
MANUFACTURING -----	527	3.11	3.22	2.74- 3.36	1	-	116	40	6	44	18	13	111	85	48	13	28	-	-	2	2	-	-	-	-	-	-	
NONMANUFACTURING -----	71	2.99	3.07	2.68- 3.36	4	12	3	4	-	6	4	10	-	-	25	7	-	-	-	-	-	-	-	-	-	-	-	
MACHINE-TOOL OPERATORS, TOOLROOM -----	3,341	4.33	4.47	4.12- 4.55	-	-	-	-	-	28	10	-	-	-	20	14	32	250	105	115	230	148	190	105	1782	312	-	
MANUFACTURING -----	3,341	4.33	4.47	4.12- 4.55	-	-	-	-	-	28	10	-	-	-	20	14	32	250	105	115	230	148	190	105	1782	312	-	
MACHINISTS, MAINTENANCE -----	997	4.29	4.52	4.00- 4.57	-	-	-	-	-	-	-	-	-	-	33	8	6	73	1	19	111	103	24	-	-	545	74	-
MANUFACTURING -----	941	4.33	4.52	4.02- 4.57	-	-	-	-	-	-	-	-	-	-	4	8	6	71	1	16	111	81	24	-	-	545	74	-
NONMANUFACTURING -----	56	3.67	3.40	3.35- 4.04	-	-	-	-	-	-	-	-	-	-	29	-	-	2	-	3	-	22	-	-	-	-	-	
PUBLIC UTILITIES <sup>3</sup> -----	56	3.67	3.40	3.35- 4.04	-	-	-	-	-	-	-	-	-	-	29	-	-	2	-	3	-	22	-	-	-	-	-	
MECHANICS, AUTOMOTIVE (MAINTENANCE) -----	1,753	3.86	3.85	3.63- 4.31	3	-	14	5	15	14	14	2	50	54	125	111	96	138	499	93	38	11	26	147	298	-	-	
MANUFACTURING -----	819	4.09	4.31	3.82- 4.43	-	-	-	-	-	-	-	-	-	4	43	77	16	44	115	64	1	4	23	141	287	-	-	
NONMANUFACTURING -----	934	3.66	3.80	3.48- 3.86	3	-	14	5	15	14	14	2	50	50	82	34	80	94	384	29	37	7	3	6	11	-	-	
PUBLIC UTILITIES <sup>3</sup> -----	679	3.68	3.82	3.57- 3.87	3	-	7	5	10	14	4	2	37	33	40	22	34	54	362	15	37	-	-	-	-	-	-	
WHOLESALE TRADE -----	186	3.69	3.69	3.47- 3.84	-	-	-	-	5	-	-	-	-	13	42	2	36	33	22	13	-	-	3	6	11	-	-	
MECHANICS, MAINTENANCE -----	3,431	4.21	4.36	3.91- 4.57	-	-	-	25	14	20	-	52	22	2	28	125	47	182	301	275	286	227	18	151	1038	618	-	
MANUFACTURING -----	3,261	4.22	4.41	3.92- 4.58	-	-	-	22	14	20	-	41	22	1	24	118	38	142	299	275	285	227	17	61	1037	618	-	
NONMANUFACTURING -----	170	3.99	4.31	3.72- 4.35	-	-	-	3	-	-	-	11	-	1	4	7	9	40	2	-	1	-	1	90	1	-	-	
MILLWRIGHTS -----	3,794	4.24	4.42	3.97- 4.46	-	-	-	-	-	-	-	-	106	3	45	108	9	27	209	621	46	-	69	231	2320	-	-	
MANUFACTURING -----	3,761	4.24	4.42	3.97- 4.46	-	-	-	-	-	-	-	-	106	3	45	108	9	27	209	621	46	-	65	224	2298	-	-	
CILERS -----	978	3.43	3.50	3.41- 3.56	-	2	2	7	3	20	17	59	70	44	245	476	25	8	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	969	3.43	3.51	3.41- 3.56	-	-	2	-	3	20	17	59	70	44	245	476	25	8	-	-	-	-	-	-	-	-	-	
PAINTERS, MAINTENANCE -----	619	3.99	4.25	3.71- 4.39	2	21	1	7	4	1	1	-	32	2	6	25	49	37	65	15	26	6	22	157	139	-	1	
MANUFACTURING -----	522	4.11	4.32	3.85- 4.40	-	-	-	-	-	-	-	-	32	2	6	25	9	26	65	15	26	6	20	157	133	-	-	
NONMANUFACTURING -----	97	3.35	3.63	2.71- 3.69	2	21	1	7	4	1	1	-	-	-	-	-	40	11	-	-	-	2	-	-	6	-	1	
PIPEFITTERS, MAINTENANCE -----	2,270	4.26	4.42	3.99- 4.46	-	-	-	-	-	-	-	2	6	-	8	32	10	109	170	255	68	2	26	180	1397	-	5	
MANUFACTURING -----	2,193	4.27	4.42	3.99- 4.46	-	-	-	-	-	-	-	-	-	-	7	32	6	109	168	255	68	2	26	119	1396	-	5	
SHEET-METAL WORKERS, MAINTENANCE -----	454	4.33	4.43	4.35- 4.47	-	-	-	-	-	-	-	-	-	-	-	1	4	-	25	50	4	19	14	13	334	-	-	
MANUFACTURING -----	435	4.35	4.44	4.40- 4.47	-	-	-	-	-	-	-	-	-	-	-	1	2	-	8	50	4	19	14	13	334	-	-	
TODD AND DIE MAKERS -----	5,785	4.54	4.67	4.53- 4.74	-	-	-	-	-	21	22	-	-	-	-	-	15	34	101	189	32	259	555	75	418	3985	79	
MANUFACTURING -----	5,784	4.54	4.67	4.52- 4.74	-	-	-	-	-	21	22	-	-	-	-	-	15	34	101	189	32	259	555	74	418	3985	79	

<sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.  
<sup>2</sup> For definition of terms, see footnote 2, table A-1.  
<sup>3</sup> Transportation, communication, and other public utilities.  
<sup>4</sup> Workers were distributed as follows: 2 at \$2.10 to \$2.20; and 10 at \$2.20 to \$2.30.

Table A-5. Custodial and Material Movement Occupations

(Average straight-time hourly earnings for selected occupations studied on an area basis  
by industry division, Detroit, Mich., January 1968)

Occupation <sup>1</sup> and industry division	Number of workers	Hourly earnings <sup>2</sup>			Number of workers receiving straight-time hourly earnings of—																							
		Mean <sup>3</sup>	Median <sup>3</sup>	Middle range <sup>3</sup>	and under																							
					\$ 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	\$ 3.20	\$ 3.40	\$ 3.60	\$ 3.80	\$ 4.00	\$ 4.20
GUARDS AND WATCHMEN -----	4,225	\$ 2.74	\$ 3.08	\$ 1.76- 3.52	-	-	190	588	505	29	197	43	13	23	51	59	18	31	77	74	68	259	465	931	604	-	-	
MANUFACTURING -----	2,184	3.41	3.50	3.32- 3.60	-	-	-	-	1	12	-	13	-	-	-	49	-	10	19	53	52	194	312	930	539	-	-	
NONMANUFACTURING -----	2,041	2.02	1.75	1.65- 2.14	-	-	190	588	504	17	197	30	13	23	51	10	18	21	58	21	16	65	153	1	65	-	-	
GUARDS: -----																												
MANUFACTURING -----	2,065	3.46	3.51	3.35- 3.63	-	-	-	-	-	12	-	-	-	-	-	4	-	5	8	53	26	190	312	916	539	-	-	
WATCHMEN: -----																												
MANUFACTURING -----	119	2.65	2.62	2.44- 2.96	-	-	-	-	1	-	-	13	-	-	-	45	-	5	11	-	26	4	-	14	-	-	-	
JANITORS, PORTERS, AND CLEANERS ---	9,862	2.79	3.04	2.40- 3.17	20	33	147	125	73	201	583	388	273	370	262	447	206	253	117	273	831	3538	1579	143	-	-	-	
MANUFACTURING -----	6,780	3.07	3.13	3.00- 3.20	-	2	-	2	4	3	24	-	100	56	93	236	92	68	46	220	741	3403	1567	123	-	-	-	
NONMANUFACTURING -----	3,082	2.20	2.10	1.93- 2.46	20	31	147	123	69	198	559	388	173	314	169	211	114	185	71	53	90	135	12	20	-	-	-	
PUBLIC UTILITIES <sup>4</sup> -----	325	2.75	2.81	2.46- 2.97	-	-	-	-	-	1	9	7	14	9	72	1	2	45	25	82	82	55	3	-	-	-	-	
WHOLESALE TRADE -----	97	2.71	2.69	2.34- 3.15	-	-	-	5	-	-	-	13	-	-	15	-	1	16	4	-	-	34	9	-	-	-	-	
RETAIL TRADE -----	1,039	2.08	2.08	1.77- 2.44	20	25	78	90	66	92	47	130	25	134	35	105	35	142	6	8	1	1	-	-	-	-	-	
FINANCE <sup>5</sup> -----	363	2.37	2.36	2.18- 2.54	-	-	-	13	2	9	8	26	40	46	68	34	77	1	-	-	-	39	-	-	-	-	-	
SERVICES -----	1,258	2.06	1.99	1.93- 2.14	-	6	69	15	1	97	503	210	101	120	42	-	-	24	16	20	7	7	-	20	-	-	-	
JANITORS, PORTERS, AND CLEANERS (WOMEN) -----	2,142	1.97	1.90	1.75- 2.01	-	62	81	289	190	464	509	157	33	58	57	18	25	43	12	42	11	36	55	-	-	-	-	
MANUFACTURING -----	349	2.46	2.46	2.04- 2.87	-	-	-	1	4	12	33	88	8	13	6	17	19	37	12	19	10	36	34	-	-	-	-	
NONMANUFACTURING -----	1,793	1.87	1.86	1.71- 1.96	-	62	81	288	186	452	476	69	25	45	51	1	6	6	-	23	1	-	21	-	-	-	-	
RETAIL TRADE -----	305	1.71	1.72	1.63- 1.78	-	20	39	63	127	15	18	17	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE <sup>5</sup> -----	178	1.93	1.85	1.71- 2.32	-	-	16	24	32	35	4	10	3	-	51	1	2	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	1,276	1.88	1.89	1.81- 1.96	-	42	26	201	27	402	454	42	21	40	-	-	-	-	-	-	-	-	21	-	-	-	-	
LABORERS, MATERIAL HANDLING -----	11,405	3.13	3.26	2.87- 3.40	-	22	58	17	10	64	41	67	37	105	99	140	849	489	266	818	262	1473	3714	1666	1192	16	-	
MANUFACTURING -----	8,345	3.13	3.27	3.01- 3.38	-	-	-	-	-	57	2	16	10	69	37	116	508	347	112	557	199	1350	3386	1553	10	16	-	
NONMANUFACTURING -----	3,060	3.10	3.25	2.65- 3.64	-	22	58	17	10	7	39	51	27	36	62	24	341	142	154	261	63	123	328	113	1182	-	-	
PUBLIC UTILITIES <sup>4</sup> -----	1,428	3.59	3.64	3.61- 3.67	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	13	33	3	16	129	52	1182	-	
WHOLESALE TRADE -----	779	2.85	2.81	2.57- 2.89	-	-	-	-	-	-	-	-	-	-	-	-	261	33	83	237	3	-	107	55	-	-	-	
RETAIL TRADE -----	724	2.57	2.64	2.16- 3.01	-	22	25	16	9	7	39	51	22	9	18	24	80	108	69	11	27	96	91	-	-	-	-	
SERVICES -----	127	2.24	2.30	1.66- 2.37	-	-	32	1	-	-	-	-	5	27	44	-	-	-	-	-	-	11	1	6	-	-	-	
ORDER FILLERS -----	3,088	3.11	3.20	2.81- 3.46	-	-	-	-	-	8	17	13	30	32	16	76	47	376	141	157	246	388	525	953	63	-	-	
MANUFACTURING -----	697	3.00	3.05	2.68- 3.17	-	-	-	-	-	-	-	-	-	-	-	62	17	120	-	10	50	301	14	115	8	-	-	
NONMANUFACTURING -----	2,391	3.13	3.32	2.83- 3.50	-	-	-	-	-	8	17	13	30	32	16	14	30	256	141	147	196	87	511	838	55	-	-	
WHOLESALE TRADE -----	2,021	3.13	3.31	2.80- 3.52	-	-	-	-	-	4	8	24	32	16	14	27	255	127	130	184	84	66	355	724	55	-	-	
RETAIL TRADE -----	304	3.16	3.35	3.22- 3.44	-	-	-	-	-	8	13	5	6	-	-	-	2	1	3	17	12	1	122	114	-	-	-	
PACKERS, SHIPPING -----	2,076	3.13	3.22	2.97- 3.36	-	-	-	-	-	1	16	9	3	43	9	7	3	47	294	133	133	406	803	302	-	-	-	
MANUFACTURING -----	1,265	3.10	3.09	2.95- 3.32	-	-	-	-	-	-	-	-	1	42	1	-	1	203	133	133	133	404	429	51	-	-	-	
PACKERS, SHIPPING (WOMEN) -----	454	2.95	3.12	2.55- 3.34	-	-	-	-	-	-	-	-	2	16	80	-	30	31	-	1	17	74	203	-	-	-	-	
MANUFACTURING -----	370	3.09	3.31	3.00- 3.35	-	-	-	-	-	-	-	-	2	16	-	-	30	27	-	1	17	74	203	-	-	-	-	
RECEIVING CLERKS -----	692	3.21	3.50	2.88- 3.56	-	-	-	-	-	2	5	8	10	18	3	4	14	9	28	88	19	56	49	327	47	2	3	
MANUFACTURING -----	461	3.38	3.53	3.28- 3.57	-	-	-	-	-	-	-	6	-	-	-	-	3	15	12	12	37	37	40	309	24	-	3	
NONMANUFACTURING -----	231	2.87	2.85	2.59- 3.09	-	-	-	-	-	2	5	2	10	18	3	4	14	6	13	76	7	19	9	18	23	2	-	
WHOLESALE TRADE -----	74	3.09	3.03	2.84- 3.55	-	-	-	-	-	-	-	-	5	-	-	-	4	-	-	24	-	17	-	12	11	1	-	
RETAIL TRADE -----	144	2.75	2.82	2.52- 2.89	-	-	-	-	-	3	2	5	18	2	4	10	5	13	52	7	7	2	9	6	5	1	-	
SHIPPING CLERKS -----	276	3.29	3.25	3.06- 3.57	-	-	-	-	-	-	-	-	-	-	-	7	1	8	1	9	12	98	7	86	47	-	-	
MANUFACTURING -----	210	3.31	3.41	3.10- 3.56	-	-	-	-	-	-	-	-	-	-	-	7	-	2	-	-	10	80	5	82	24	-	-	
NONMANUFACTURING -----	66	3.22	3.09	2.90- 3.66	-	-	-	-	-	-	-	-	-	-	-	-	1	6	1	9	2	18	2	4	23	-	-	
WHOLESALE TRADE -----	51	3.29	3.19	3.02- 3.69	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	5	-	16	-	2	23	-	-	

See footnotes at end of table.

Table A-5. Custodial and Material Movement Occupations—Continued

(Average straight-time hourly earnings for selected occupations studied on an area basis by industry division, Detroit, Mich., January 1968)

Occupation <sup>1</sup> and industry division	Number of workers	Hourly earnings <sup>2</sup>			Number of workers receiving straight-time hourly earnings of—																									
		Mean <sup>3</sup>	Median <sup>3</sup>	Middle range <sup>3</sup>	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
					1.30 and under <sup>4</sup>	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	3.20	3.40	3.60	3.80	4.00	4.20		
SHIPPING AND RECEIVING CLERKS -----	1,278	3.34	3.42	3.26- 3.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	62	1	70	
NONMANUFACTURING -----	405	3.17	3.22	2.97- 3.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	66	
PUBLIC UTILITIES <sup>4</sup> -----	107	3.29	3.28	3.22- 3.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	249	3.08	3.02	2.91- 3.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	66		
TRUCKDRIVERS <sup>6</sup> -----	8,625	3.50	3.61	3.32- 3.75	-	-	-	-	-	2	-	38	19	10	50	30	66	59	90	164	108	513	1494	1627	4007	348	-	-		
MANUFACTURING -----	2,522	3.51	3.59	3.41- 3.75	-	-	-	-	-	-	-	-	-	-	14	4	16	42	1	24	33	236	242	717	944	249	-	-		
NONMANUFACTURING -----	6,103	3.50	3.66	3.30- 3.75	-	-	-	-	-	2	-	38	19	10	36	26	50	17	89	140	75	277	1252	910	3063	99	-	-		
PUBLIC UTILITIES <sup>4</sup> -----	3,366	3.64	3.73	3.5C- 3.77	-	-	-	-	-	-	2	3	-	-	1	2	1	5	1	8	5	700	119	2519	-	-	-	-		
WHOLESALE TRADE -----	1,795	3.38	3.51	3.11- 3.64	-	-	-	-	-	-	-	-	-	-	-	-	-	11	65	108	67	234	340	447	431	92	-	-		
RETAIL TRADE -----	583	3.39	3.45	3.39- 3.54	-	-	-	-	-	-	26	-	-	-	-	-	25	-	-	5	-	5	85	324	106	7	-	-		
FINANCE <sup>5</sup> -----	55	2.30	2.22	2.11- 2.53	-	-	-	-	-	2	-	10	14	10	2	3	3	1	4	6	-	-	-	-	-	-	-	-		
SERVICES -----	304	3.01	3.30	2.59- 3.36	-	-	-	-	-	-	-	2	-	34	22	20	4	15	20	-	33	127	20	7	-	-	-			
TRUCKDRIVERS, LIGHT (UNDER 1-1/2 TONS) -----	585	2.90	2.87	2.55- 3.37	-	-	-	-	-	2	-	38	17	10	32	24	50	3	20	143	18	40	47	108	33	-	-	-		
MANUFACTURING -----	90	3.27	3.28	3.20- 3.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	4	-	9	42	20	6	-	-	-		
NONMANUFACTURING -----	495	2.83	2.84	2.50- 3.19	-	-	-	-	-	2	-	38	17	10	32	24	50	3	20	134	14	31	5	88	27	-	-	-		
RETAIL TRADE -----	59	2.42	2.52	2.06- 2.58	-	-	-	-	-	-	26	-	-	-	-	-	25	-	-	-	-	-	4	-	4	-	-	-		
FINANCE <sup>5</sup> -----	55	2.30	2.22	2.11- 2.53	-	-	-	-	-	2	-	10	14	10	2	3	3	1	4	6	-	-	-	-	-	-	-	-		
TRUCKDRIVERS, MEDIUM (1-1/2 TO AND INCLUDING 4 TONS) -----	1,766	3.47	3.55	3.26- 3.74	-	-	-	-	-	-	-	-	-	2	-	18	2	12	16	5	21	63	226	305	368	503	225	-	-	
MANUFACTURING -----	536	3.54	3.57	3.42- 3.84	-	-	-	-	-	-	-	-	-	-	14	-	12	2	1	15	2	13	56	180	16	225	-	-		
NONMANUFACTURING -----	1,230	3.44	3.53	3.20- 3.72	-	-	-	-	-	-	-	-	-	2	-	4	2	-	14	4	6	61	213	249	188	487	-	-	-	
WHOLESALE TRADE -----	754	3.31	3.31	3.06- 3.56	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	206	182	170	125	-	-	-		
TRUCKDRIVERS, HEAVY (OVER 4 TONS, TRAILER TYPE) -----	4,955	3.60	3.72	3.46- 3.76	-	-	-	-	-	-	-	-	-	-	-	-	4	-	65	-	-	243	775	492	3253	123	-	-		
MANUFACTURING -----	1,207	3.55	3.72	3.37- 3.76	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	213	96	96	774	24	-	-		
NONMANUFACTURING -----	3,748	3.61	3.73	3.48- 3.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-	30	679	396	2479	99	-	-		
PUBLIC UTILITIES <sup>4</sup> -----	2,731	3.66	3.74	3.7C- 3.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	474	119	2138	-	-	-		
WHOLESALE TRADE -----	754	3.50	3.58	3.29- 3.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-	28	139	181	249	92	-	-		
RETAIL TRADE -----	253	3.52	3.54	3.3C- 3.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	88	92	7	-	-		
TRUCKDRIVERS, HEAVY (OVER 4 TONS, OTHER THAN TRAILER TYPE) -----	101	3.60	3.69	3.39- 3.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	5	70	-	-	-		
NONMANUFACTURING -----	81	3.69	3.71	3.64- 3.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	5	70	-	-	-		
PUBLIC UTILITIES <sup>4</sup> -----	35	3.69	3.74	3.71- 3.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	29	-	-	-		
TRUCKERS, POWER (FORKLIFT) -----	8,319	3.26	3.36	3.16- 3.44	-	-	-	-	-	3	1	-	4	-	-	24	205	114	376	338	1293	2699	3109	148	5	-	-			
MANUFACTURING -----	7,662	3.26	3.36	3.16- 3.44	-	-	-	-	-	-	-	-	-	-	-	24	205	114	359	337	1142	2517	2947	8	5	-	-			
NONMANUFACTURING -----	657	3.35	3.38	3.18- 3.58	-	-	-	-	-	3	1	-	-	-	-	-	-	-	17	1	151	182	162	140	-	-	-			
WHOLESALE TRADE -----	293	3.27	3.34	3.10- 3.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	88	91	98	-	-	-	-			
RETAIL TRADE -----	205	3.30	3.35	3.12- 3.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	61	78	64	-	-	-	-			
TRUCKERS, POWER (OTHER THAN FORKLIFT) -----	586	3.33	3.33	3.22- 3.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	373	36	45	-	-		
MANUFACTURING -----	478	3.37	3.35	3.31- 3.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	313	36	45	-	-	-		

1 Data limited to men workers except where otherwise indicated.  
 2 Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.  
 3 For definition of terms, see footnote 2, table A-1.  
 4 Transportation, communication, and other public utilities.  
 5 Finance, insurance, and real estate.  
 6 Includes all drivers, as defined, regardless of size and type of truck operated.



## B. Establishment Practices and Supplementary Wage Provisions

### Table B-1. Minimum Entrance Salaries for Women Office Workers

(Distribution of establishments studied in all industries and in industry divisions by minimum entrance salary for selected categories of inexperienced women office workers, Detroit, Mich., January 1968)

Minimum weekly straight-time salary <sup>1</sup>	Inexperienced typists						Other inexperienced clerical workers <sup>2</sup>							
	All industries	Manufacturing			Nonmanufacturing			All industries	Manufacturing			Nonmanufacturing		
		Based on standard weekly hours <sup>3</sup> of—							Based on standard weekly hours <sup>3</sup> of—					
		All schedules	40	All schedules	37½	40	All schedules		40	All schedules	37½	40		
Establishments studied.....	303	101	xxx	202	xxx	xxx	303	101	xxx	202	xxx	xxx		
Establishments having a specified minimum.....	137	49	46	88	18	58	153	50	47	103	19	72		
\$ 55.00 and under \$ 57.50.....	2	-	-	2	-	2	4	-	-	4	1	3		
\$ 57.50 and under \$ 60.00.....	3	1	1	2	-	1	5	1	1	4	-	2		
\$ 60.00 and under \$ 62.50.....	7	1	1	6	1	4	5	-	-	5	-	5		
\$ 62.50 and under \$ 65.00.....	10	1	1	9	3	6	11	1	1	10	3	5		
\$ 65.00 and under \$ 67.50.....	9	2	2	7	-	6	18	5	5	13	1	10		
\$ 67.50 and under \$ 70.00.....	19	3	3	16	5	10	24	4	4	20	6	14		
\$ 70.00 and under \$ 72.50.....	13	3	3	10	1	5	16	4	4	12	1	8		
\$ 72.50 and under \$ 75.00.....	13	9	9	4	3	-	13	8	8	5	4	-		
\$ 75.00 and under \$ 77.50.....	13	2	2	11	2	9	9	-	-	9	2	7		
\$ 77.50 and under \$ 80.00.....	4	3	3	1	1	-	5	3	3	2	1	1		
\$ 80.00 and under \$ 82.50.....	10	6	4	4	1	3	14	10	8	4	-	4		
\$ 82.50 and under \$ 85.00.....	4	1	1	3	1	2	5	1	1	4	-	3		
\$ 85.00 and under \$ 87.50.....	8	6	6	2	-	1	3	2	2	1	-	-		
\$ 87.50 and under \$ 90.00.....	4	3	3	1	-	1	3	3	3	-	-	-		
\$ 90.00 and under \$ 92.50.....	2	1	1	1	-	1	4	1	1	3	-	3		
\$ 92.50 and under \$ 95.00.....	-	-	-	-	-	-	1	-	-	1	-	1		
\$ 95.00 and under \$ 97.50.....	2	-	-	2	-	1	2	1	1	1	-	1		
\$ 97.50 and under \$ 100.00.....	9	5	5	4	-	4	9	5	5	4	-	4		
\$ 100.00 and under \$ 102.50.....	2	1	1	1	-	1	-	-	-	-	-	-		
\$ 102.50 and over.....	3	1	-	2	-	1	2	1	-	1	-	1		
Establishments having no specified minimum.....	68	23	xxx	45	xxx	xxx	88	28	xxx	60	xxx	xxx		
Establishments which did not employ workers in this category.....	98	29	xxx	69	xxx	xxx	62	23	xxx	39	xxx	xxx		

<sup>1</sup> These salaries relate to formally established minimum starting (hiring) regular straight-time salaries that are paid for standard workweeks.

<sup>2</sup> Excludes workers in subclerical jobs such as messenger or office girl.

<sup>3</sup> Data are presented for all standard workweeks combined, and for the most common standard workweeks reported.

Table B-2. Shift Differentials

(Shift differentials of manufacturing plant workers by type and amount of differential,  
Detroit, Mich., January 1968)

Shift differential	Percent of manufacturing plant workers—			
	In establishments having formal provisions <sup>1</sup> for—		Actually working on—	
	Second shift work	Third or other shift work	Second shift	Third or other shift
Total.....	99.2	95.3	27.2	8.1
With shift pay differential.....	99.2	95.3	27.2	8.1
Uniform cents (per hour).....	34.0	30.8	8.9	3.2
Under 7 cents.....	2.3	1.3	.6	.2
7 or 7½ cents.....	2.2	.3	.5	( <sup>2</sup> )
8 cents.....	7.6	( <sup>2</sup> )	2.0	-
8½, 9, or 9½ cents.....	2.0	1.1	.5	.2
10 cents.....	9.4	3.3	2.4	.3
11 cents.....	-	.2	-	-
12 cents.....	1.6	7.7	.4	1.2
12½ or 14 cents.....	1.7	1.5	.5	.2
15 cents.....	2.9	8.0	.7	.5
16 or 20 cents.....	1.7	2.6	.4	.3
22 or 23 cents.....	-	.9	-	.1
25 cents.....	2.7	3.2	.8	( <sup>2</sup> )
Over 25 cents.....	-	.7	-	.1
Uniform percentage.....	64.3	63.2	17.8	4.9
5 percent.....	63.0	-	17.6	-
7 percent.....	-	.4	-	( <sup>2</sup> )
7½ percent.....	-	1.6	-	.1
8½ percent.....	1.3	-	.2	-
10 percent.....	-	61.2	-	4.8
Other formal pay differential.....	.9	1.2	.5	-
With no shift pay differential.....	-	-	-	-

<sup>1</sup> Includes establishments currently operating late shifts, and establishments with formal provisions covering late shifts even though they were not currently operating late shifts.<sup>2</sup> Less than 0.05 percent.

Table B-3. Scheduled Weekly Hours

(Percent distribution of plant and office workers in all industries and in industry divisions by scheduled weekly hours<sup>1</sup> of first-shift workers, Detroit, Mich., January 1968)

Weekly hours	Plant workers						Office workers						
	All industries <sup>2</sup>	Manu- facturing	Public utilities <sup>3</sup>	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities <sup>3</sup>	Wholesale trade	Retail trade	Finance <sup>4</sup>	Services
All workers.....	100	100	100	100	100	100	100	100	100	100	100	100	100
Under 35 hours.....	( <sup>5</sup> )	-	-	-	-	4	-	-	-	-	-	-	-
35 hours.....	( <sup>5</sup> )	-	-	-	-	5	1	( <sup>5</sup> )	1	-	-	( <sup>5</sup> )	20
Over 35 and under 37½ hours.....	1	1	-	-	-	-	-	-	-	-	-	6	-
37½ hours.....	1	1	-	-	1	( <sup>5</sup> )	11	2	35	4	14	22	29
Over 37½ and under 40 hours.....	( <sup>5</sup> )	-	-	-	-	2	3	-	( <sup>5</sup> )	5	-	15	-
40 hours.....	90	91	94	96	93	63	82	97	61	91	82	56	50
Over 40 and under 48 hours.....	1	1	-	4	3	-	1	1	-	1	4	-	1
48 hours.....	2	2	5	-	3	9	-	-	-	-	-	-	-
Over 48 and under 54 hours.....	1	1	1	-	-	3	( <sup>5</sup> )	( <sup>5</sup> )	2	-	-	-	-
54 hours and over.....	3	3	-	-	-	14	-	-	-	-	-	-	-

<sup>1</sup> Scheduled hours are the weekly hours which a majority of the full-time workers were expected to work, whether they were paid for at straight-time or overtime rates.<sup>2</sup> Includes data for real estate in addition to those industry divisions shown separately.<sup>3</sup> Transportation, communication, and other public utilities.<sup>4</sup> Finance, insurance, and real estate.<sup>5</sup> Less than 0.5 percent.

Table B-4. Paid Holidays

(Percent distribution of plant and office workers in all industries and in industry divisions by number of paid holidays provided annually, Detroit, Mich., January 1968)

Item	Plant workers						Office workers						
	All industries <sup>1</sup>	Manu- facturing	Public utilities <sup>2</sup>	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities <sup>2</sup>	Wholesale trade	Retail trade	Finance <sup>3</sup>	Services
All workers.....	100	100	100	100	100	100	100	100	100	100	100	100	100
Workers in establishments providing paid holidays.....	99	100	100	100	96	87	99	100	100	100	100	100	99
Workers in establishments providing no paid holidays.....	1	-	-	-	4	13	( <sup>4</sup> )	-	-	-	-	-	( <sup>4</sup> )
<u>Number of days</u>													
4 holidays.....	( <sup>4</sup> )	-	-	-	1	4	-	-	-	-	-	-	-
5 holidays.....	( <sup>4</sup> )	( <sup>4</sup> )	-	-	2	1	( <sup>4</sup> )	( <sup>4</sup> )	-	-	-	-	1
6 holidays.....	14	2	7	34	48	67	14	2	6	20	72	16	62
6 holidays plus 1 half day.....	1	1	-	-	-	( <sup>4</sup> )	2	1	-	-	13	1	8
6 holidays plus 2 half days.....	2	2	-	11	2	4	1	1	-	8	-	( <sup>4</sup> )	2
6 holidays plus 3 half days.....	( <sup>4</sup> )	-	-	4	-	-	1	( <sup>4</sup> )	-	7	-	-	-
7 holidays.....	13	4	47	12	43	-	7	2	40	12	15	( <sup>4</sup> )	8
7 holidays plus 1 half day.....	( <sup>4</sup> )	( <sup>4</sup> )	-	-	-	( <sup>4</sup> )	1	( <sup>4</sup> )	-	-	-	4	2
7 holidays plus 2 half days.....	1	1	1	-	-	5	1	1	2	-	-	-	7
8 holidays.....	8	7	25	18	2	4	8	5	20	13	-	12	4
8 holidays plus 1 half day.....	( <sup>4</sup> )	-	3	-	-	-	2	-	13	-	-	2	-
8 holidays plus 2 half days.....	( <sup>4</sup> )	1	-	-	-	-	1	2	-	-	-	-	-
8 holidays plus 3 half days.....	-	-	-	-	-	-	( <sup>4</sup> )	-	-	-	-	2	-
9 holidays.....	15	19	17	4	1	-	20	18	19	3	-	42	1
9 holidays plus 2 half days.....	-	-	-	-	-	-	( <sup>4</sup> )	-	-	-	-	1	( <sup>4</sup> )
10 holidays.....	43	61	-	17	-	( <sup>4</sup> )	42	68	-	35	-	16	4
11 holidays.....	( <sup>4</sup> )	( <sup>4</sup> )	-	-	-	-	1	( <sup>4</sup> )	-	-	-	2	-
12 holidays.....	-	-	-	-	-	-	( <sup>4</sup> )	-	-	-	-	2	-
<u>Total holiday time<sup>5</sup></u>													
12 days.....	-	-	-	-	-	-	( <sup>4</sup> )	-	-	-	-	2	-
11 days or more.....	( <sup>4</sup> )	( <sup>4</sup> )	-	-	-	-	1	( <sup>4</sup> )	-	-	-	4	-
10 days or more.....	43	61	-	17	-	( <sup>4</sup> )	43	69	-	35	-	21	4
9½ days or more.....	43	61	-	17	-	( <sup>4</sup> )	43	69	-	35	-	23	4
9 days or more.....	58	81	17	20	1	( <sup>4</sup> )	64	88	19	39	-	65	5
8½ days or more.....	59	81	20	20	1	( <sup>4</sup> )	66	88	32	39	-	67	5
8 days or more.....	68	90	46	39	2	9	75	94	54	52	-	79	17
7½ days or more.....	68	90	46	42	2	10	76	94	54	59	-	83	19
7 days or more.....	83	96	93	66	45	14	84	98	94	80	15	83	29
6½ days or more.....	84	98	93	66	45	14	86	98	94	80	28	84	36
6 days or more.....	98	99	100	100	93	81	98	99	100	100	100	100	98
5 days or more.....	98	100	100	100	95	82	99	100	100	100	100	100	99
4 days or more.....	99	100	100	100	96	87	99	100	100	100	100	100	99

<sup>1</sup> Includes data for real estate in addition to those industry divisions shown separately.<sup>2</sup> Transportation, communication, and other public utilities.<sup>3</sup> Finance, insurance, and real estate.<sup>4</sup> Less than 0.5 percent.<sup>5</sup> All combinations of full and half days that add to the same amount are combined; for example, the proportion of workers receiving a total of 9 days includes those with 9 full days and no half days, 8 full days and 2 half days, 7 full days and 4 half days, and so on. Proportions then were cumulated.

Table B-5. Paid Vacations<sup>1</sup>

(Percent distribution of plant and office workers in all industries and in industry divisions by vacation pay provisions, Detroit, Mich., January 1968)

Vacation policy	Plant workers						Office workers						
	All industries <sup>2</sup>	Manu- facturing	Public utilities <sup>3</sup>	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities <sup>3</sup>	Wholesale trade	Retail trade	Finance <sup>4</sup>	Services
All workers.....	100	100	100	100	100	100	100	100	100	100	100	100	100
<u>Method of payment</u>													
Workers in establishments providing paid vacations.....	99	100	100	100	100	95	99	100	100	100	100	100	99
Length-of-time payment.....	92	90	100	97	97	92	99	99	100	99	100	100	99
Percentage payment.....	8	10	-	3	3	3	( <sup>5</sup> )	( <sup>5</sup> )	-	1	-	-	-
Workers in establishments providing no paid vacations.....	( <sup>5</sup> )	-	-	-	-	5	( <sup>5</sup> )	-	-	-	-	-	( <sup>5</sup> )
<u>Amount of vacation pay<sup>5</sup></u>													
<u>After 6 months of service</u>													
Under 1 week.....	7	9	-	3	6	6	2	2	-	4	2	2	5
1 week.....	22	21	42	22	27	7	54	51	48	19	33	85	42
Over 1 and under 2 weeks.....	2	1	-	-	4	( <sup>5</sup> )	25	38	-	34	17	5	8
2 weeks.....	-	-	-	-	-	-	2	1	-	-	-	( <sup>5</sup> )	17
<u>After 1 year of service</u>													
Under 1 week.....	( <sup>5</sup> )	-	-	-	-	1	-	-	-	-	-	-	-
1 week.....	68	67	67	71	68	76	14	4	61	29	48	1	21
Over 1 and under 2 weeks.....	8	7	-	-	18	7	1	( <sup>5</sup> )	-	-	12	( <sup>5</sup> )	-
2 weeks.....	23	24	33	29	14	11	85	96	39	71	40	99	76
Over 2 and under 3 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-	3
3 weeks.....	1	1	-	-	-	-	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-
4 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-	-	-	-	-	-	-
<u>After 2 years of service</u>													
1 week.....	52	59	34	47	27	47	2	1	6	6	4	-	7
Over 1 and under 2 weeks.....	5	7	-	-	-	3	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-
2 weeks.....	41	32	65	53	73	40	97	98	94	94	96	100	90
Over 2 and under 3 weeks.....	1	1	-	-	-	5	( <sup>5</sup> )	-	-	-	-	-	3
3 weeks.....	1	1	( <sup>5</sup> )	-	-	-	( <sup>5</sup> )	1	-	-	-	-	-
4 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-	-	-	-	-	-	-
<u>After 3 years of service</u>													
1 week.....	2	2	-	10	-	11	( <sup>5</sup> )	-	-	4	-	-	2
Over 1 and under 2 weeks.....	36	49	-	15	-	9	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-
2 weeks.....	45	25	99	75	99	69	60	33	99	62	99	99	72
Over 2 and under 3 weeks.....	16	22	-	-	-	6	28	46	-	29	-	1	26
3 weeks.....	1	1	1	-	1	-	12	21	( <sup>5</sup> )	5	( <sup>5</sup> )	-	( <sup>5</sup> )
4 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-	-	-	-	-	-	-
<u>After 4 years of service</u>													
1 week.....	1	1	-	7	-	6	( <sup>5</sup> )	-	-	4	-	-	1
Over 1 and under 2 weeks.....	35	49	-	15	-	11	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	( <sup>5</sup> )
2 weeks.....	46	26	99	77	99	72	60	32	99	62	99	99	72
Over 2 and under 3 weeks.....	16	22	-	-	-	6	28	47	-	29	-	1	26
3 weeks.....	1	1	1	-	1	-	12	21	( <sup>5</sup> )	5	( <sup>5</sup> )	-	( <sup>5</sup> )
Over 3 and under 4 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-	-	-	-	-	-	-
4 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table B-5. Paid Vacations<sup>1</sup>—Continued

(Percent distribution of plant and office workers in all industries and in industry divisions by vacation pay provisions, Detroit, Mich., January 1968)

Vacation policy	Plant workers						Office workers						
	All industries <sup>2</sup>	Manu- facturing	Public utilities <sup>3</sup>	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities <sup>3</sup>	Wholesale trade	Retail trade	Finance <sup>4</sup>	Services
<u>Amount of vacation pay<sup>6</sup>—Continued</u>													
<u>After 5 years of service</u>													
1 week.....	( <sup>5</sup> )	-	-	-	-	( <sup>5</sup> )	-	-	-	-	-	-	-
Over 1 and under 2 weeks.....	( <sup>5</sup> )	-	-	-	-	1	-	-	-	-	-	-	-
2 weeks.....	67	64	99	77	62	83	50	23	99	50	64	91	48
Over 2 and under 3 weeks.....	10	12	-	4	3	7	3	3	-	-	1	3	13
3 weeks.....	22	23	1	19	35	3	47	73	( <sup>5</sup> )	50	35	6	39
Over 3 and under 4 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-	-	-	-	-	-	-
4 weeks.....	1	1	-	-	-	-	( <sup>5</sup> )	1	-	-	-	-	-
<u>After 10 years of service</u>													
Over 1 and under 2 weeks.....	( <sup>5</sup> )	-	-	-	-	1	-	-	-	-	-	-	-
2 weeks.....	7	5	1	18	9	54	7	5	2	24	6	7	15
Over 2 and under 3 weeks.....	38	53	-	19	-	2	2	3	-	-	-	-	3
3 weeks.....	35	23	99	51	64	32	50	22	98	31	73	92	69
Over 3 and under 4 weeks.....	15	21	-	-	2	5	27	47	-	29	-	1	13
4 weeks.....	6	2	-	11	26	-	15	23	-	15	21	-	( <sup>5</sup> )
<u>After 12 years of service</u>													
Over 1 and under 2 weeks.....	( <sup>5</sup> )	-	-	-	-	1	-	-	-	-	-	-	-
2 weeks.....	5	1	-	9	9	37	5	3	2	16	5	5	12
Over 2 and under 3 weeks.....	37	52	-	19	-	2	1	2	-	-	-	-	3
3 weeks.....	36	24	98	57	63	49	51	24	98	40	69	91	72
Over 3 and under 4 weeks.....	16	21	2	-	2	5	28	47	-	29	-	4	13
4 weeks.....	5	1	-	8	27	-	15	23	-	14	26	-	( <sup>5</sup> )
5 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	7	-	-	( <sup>5</sup> )	-	-	1	-	-	-
<u>After 15 years of service</u>													
Over 1 and under 2 weeks.....	( <sup>5</sup> )	-	-	-	-	1	-	-	-	-	-	-	-
2 weeks.....	3	-	-	3	6	30	3	2	2	5	5	2	11
Over 2 and under 3 weeks.....	2	3	-	-	-	5	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	3
3 weeks.....	64	65	73	68	58	52	48	22	89	46	55	92	64
Over 3 and under 4 weeks.....	4	5	-	2	2	5	1	( <sup>5</sup> )	-	-	-	5	-
4 weeks.....	26	26	27	22	35	( <sup>5</sup> )	47	76	9	48	41	1	13
Over 4 and under 5 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	9
5 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	7	-	-	( <sup>5</sup> )	( <sup>5</sup> )	-	1	-	-	-
<u>After 20 years of service</u>													
Over 1 and under 2 weeks.....	( <sup>5</sup> )	-	-	-	-	1	-	-	-	-	-	-	-
2 weeks.....	2	-	-	3	6	22	3	2	2	4	5	2	9
Over 2 and under 3 weeks.....	2	2	-	-	-	2	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	3
3 weeks.....	49	60	1	44	17	58	26	12	2	28	25	69	51
Over 3 and under 4 weeks.....	4	4	-	-	2	5	-	-	-	-	-	-	-
4 weeks.....	41	31	99	42	75	6	68	82	96	58	70	29	29
Over 4 and under 5 weeks.....	1	1	-	1	-	-	1	2	-	1	-	-	9
5 weeks.....	1	1	-	10	-	-	2	2	-	9	-	-	-
6 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-

See footnotes at end of table.

Table B-5. Paid Vacations<sup>1</sup>—Continued

(Percent distribution of plant and office workers in all industries and in industry divisions by vacation pay provisions, Detroit, Mich., January 1968)

Vacation policy	Plant workers						Office workers						
	All industries <sup>2</sup>	Manu- facturing	Public utilities <sup>3</sup>	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities <sup>3</sup>	Wholesale trade	Retail trade	Finance <sup>4</sup>	Services
<u>Amount of vacation pay<sup>6</sup>—Continued</u>													
<u>After 25 years of service</u>													
Over 1 and under 2 weeks.....	( <sup>5</sup> )	-	-	-	-	1	-	-	-	-	-	-	-
2 weeks.....	2	-	-	3	6	22	3	2	4	5	2	9	
Over 2 and under 3 weeks.....	2	2	-	-	-	2	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	3	
3 weeks.....	45	54	1	44	11	58	16	10	26	7	34	38	
Over 3 and under 4 weeks.....	3	3	-	-	2	5	-	-	-	-	-	-	
4 weeks.....	44	35	92	42	81	7	75	83	85	60	88	61	
Over 4 and under 5 weeks.....	1	2	-	1	( <sup>5</sup> )	-	2	2	-	1	1	2	
5 weeks.....	2	2	7	3	-	( <sup>5</sup> )	4	3	10	8	-	6	
6 weeks.....	1	( <sup>5</sup> )	-	7	-	-	( <sup>5</sup> )	( <sup>5</sup> )	-	1	-	-	
Over 6 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-	-	-	-	-	-	
<u>After 30 years of service</u>													
Over 1 and under 2 weeks.....	( <sup>5</sup> )	-	-	-	-	1	-	-	-	-	-	-	
2 weeks.....	2	-	-	3	6	22	3	2	4	5	2	9	
Over 2 and under 3 weeks.....	2	2	-	-	-	2	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	3	
3 weeks.....	45	54	1	44	11	58	15	10	26	7	27	38	
Over 3 and under 4 weeks.....	3	3	-	-	2	5	-	-	-	-	-	-	
4 weeks.....	43	35	74	42	81	7	75	83	66	60	88	69	
Over 4 and under 5 weeks.....	1	2	-	1	( <sup>5</sup> )	-	2	2	-	1	1	9	
5 weeks.....	3	2	24	3	-	( <sup>5</sup> )	5	3	30	8	1	6	
6 weeks.....	1	( <sup>5</sup> )	-	7	-	-	1	1	-	1	-	-	
Over 6 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	-	-	-	-	-	-	
<u>Maximum vacation available</u>													
Over 1 and under 2 weeks.....	( <sup>5</sup> )	-	-	-	-	1	-	-	-	-	-	-	
2 weeks.....	2	-	-	3	6	22	3	2	4	5	2	9	
Over 2 and under 3 weeks.....	2	2	-	-	-	2	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	3	
3 weeks.....	45	54	1	44	11	58	15	10	26	7	27	38	
Over 3 and under 4 weeks.....	3	3	-	-	2	5	-	-	-	-	-	-	
4 weeks.....	43	35	74	42	81	7	75	83	66	60	88	69	
Over 4 and under 5 weeks.....	1	2	-	1	( <sup>5</sup> )	-	2	2	-	1	1	9	
5 weeks.....	3	2	24	3	-	( <sup>5</sup> )	5	3	30	8	-	6	
6 weeks.....	1	( <sup>5</sup> )	-	7	-	-	1	1	-	1	-	-	
Over 6 weeks.....	( <sup>5</sup> )	( <sup>5</sup> )	-	-	-	-	( <sup>5</sup> )	-	-	-	1	-	

<sup>1</sup> Includes basic plans only. Excludes plans such as vacation-savings and those plans which offer "extended" or "sabbatical" benefits beyond basic plans to workers with qualifying lengths of service. Typical of such exclusions are plans in the steel, aluminum, and can industries.

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

<sup>3</sup> Transportation, communication, and other public utilities.

<sup>4</sup> Finance, insurance, and real estate.

<sup>5</sup> Less than 0.5 percent.

<sup>6</sup> Includes payment other than "length of time," such as percentage of annual earnings or flat-sum payments, converted to an equivalent time basis; for example, a payment of 2 percent of annual earnings was considered as 1 week's pay. Periods of service were chosen arbitrarily and do not necessarily reflect the individual provisions for progression. 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 eligible for 3 weeks' pay or more after 10 years includes those eligible for 3 weeks' pay or more after fewer years of service.



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

(Percent of plant and office workers in all industries and in industry divisions employed in establishments providing health, insurance, or pension benefits,<sup>1</sup> Detroit, Mich., January 1968)

Type of benefit	Plant workers						Office workers						
	All industries <sup>2</sup>	Manu- facturing	Public utilities <sup>3</sup>	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities <sup>3</sup>	Wholesale trade	Retail trade	Finance <sup>4</sup>	Services
All workers.....	100	100	100	100	100	100	100	100	100	100	100	100	100
Workers in establishments providing:													
Life insurance.....	98	99	100	86	99	73	98	99	98	92	96	98	96
Accident death and dismemberment insurance.....	70	74	54	64	62	66	70	77	43	53	66	69	73
Sickness and accident insurance or sick leave or both <sup>5</sup> .....	96	98	85	84	99	76	91	96	85	84	84	90	82
Sickness and accident insurance.....	86	98	26	66	68	68	65	93	9	61	51	26	57
Sick leave (full pay and no waiting period).....	9	4	32	27	21	10	71	88	46	69	34	58	54
Sick leave (partial pay or waiting period).....	7	( <sup>6</sup> )	30	4	31	4	11	1	36	7	29	22	( <sup>6</sup> )
Hospitalization insurance.....	99	99	100	97	99	84	99	99	98	96	98	98	96
Surgical insurance.....	99	99	100	97	99	84	99	99	98	96	98	98	96
Medical insurance.....	89	93	95	65	81	60	95	98	95	80	89	92	88
Catastrophe insurance.....	21	8	77	65	54	15	86	90	85	81	69	84	68
Retirement pension.....	90	97	86	79	85	26	90	96	79	72	78	95	57
No health, insurance, or pension plan.....	1	-	-	-	-	13	( <sup>6</sup> )	-	-	2	1	( <sup>6</sup> )	1

<sup>1</sup> Includes those plans for which at least a part of the cost is borne by the employer, except those legally required, such as workmen's compensation, social security, and railroad retirement.<sup>2</sup> Includes data for real estate in addition to those industry divisions shown separately.<sup>3</sup> Transportation, communication, and other public utilities.<sup>4</sup> Finance, insurance, and real estate.<sup>5</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.<sup>6</sup> Less than 0.5 percent.

## Appendix. Occupational Descriptions

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

### OFFICE

#### BILLER, MACHINE

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

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

Biller, machine (bookkeeping machine). Uses a bookkeeping machine (Sundstrand, Elliott Fisher, Remington Rand, etc., which may or may not have typewriter keyboard) to prepare customers' bills as part of the accounts receivable operation. Generally involves the simultaneous entry of figures on customers' ledger record. The machine automatically accumulates figures on a number of vertical

#### BILLER, MACHINE—Continued

columns and computes, and usually prints automatically the debit or credit balances. Does not involve a knowledge of bookkeeping. Works from uniform and standard types of sales and credit slips.

#### BOOKKEEPING-MACHINE OPERATOR

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

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

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

Note: Since the last survey in this area, the Bureau has discontinued collecting data for duplicating-machine operators and elevator operators.

## 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; and requires judgment and experience in making proper assignments and allocations. May assist in preparing, adjusting, and closing journal entries; and may direct class B accounting clerks.

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

## CLERK, FILE

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

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

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

## CLERK, ORDER

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

## CLERK, PAYROLL

Computes wages of company employees and enters the necessary data on the payroll sheets. Duties involve: Calculating workers' earnings based on time or production records; and 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 pay-checks 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.

## KEYPUNCH OPERATOR

Class A. Operates a numerical and/or alphabetical or combination keypunch machine to transcribe data from various source documents to keypunch tabulating cards. Performs same tasks as lower level keypunch operator but, in addition, work requires application

## KEYPUNCH OPERATOR—Continued

of coding skills and the making of some determinations, for example, locates on the source document the items to be punched; extracts information from several documents; and searches for and interprets information on the document to determine information to be punched. May train inexperienced operators.

Class B. Under close supervision or following specific procedures or instructions, transcribes data from source documents to punched cards. Operates a numerical and/or alphabetical or combination keypunch machine to keypunch tabulating cards. May verify cards. Working from various standardized source documents, follows specified sequences which have been coded or prescribed in detail and require little or no selecting, coding, or interpreting of data to be punched. Problems arising from erroneous items or codes, missing information, etc., are referred to supervisor.

## OFFICE BOY OR GIRL

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

## SECRETARY

Assigned as personal secretary, normally to one individual. Maintains a close and highly responsive relationship to the day-to-day work activities of the supervisor. Works fairly independently receiving a minimum of detailed supervision and guidance. Performs varied clerical and secretarial duties, usually including most of the following: (a) Receives telephone calls, personal callers, and incoming mail, answers routine inquiries, and routes the technical inquiries to the proper persons; (b) establishes, maintains, and revises the supervisor's files; (c) maintains the supervisor's calendar and makes appointments as instructed; (d) relays messages from supervisor to subordinates; (e) reviews correspondence, memoranda, and reports prepared by others for the supervisor's signature to assure procedural and typographic accuracy; and (f) performs stenographic and typing work.

May also perform other clerical and secretarial tasks of comparable nature and difficulty. The work typically requires knowledge of office routine and understanding of the organization, programs, and procedures related to the work of the supervisor.

## SECRETARY—Continued

Exclusions

Not all positions that are titled "secretary" possess the above characteristics. Examples of positions which are excluded from the definition are as follows: (a) Positions which do not meet the "personal" secretary concept described above; (b) stenographers not fully trained in secretarial type duties; (c) stenographers serving as office assistants to a group of professional, technical, or managerial persons; (d) secretary positions in which the duties are either substantially more routine or substantially more complex and responsible than those characterized in the definition; and (e) assistant type positions which involve more difficult or more responsible technical, administrative, supervisory, or specialized clerical duties which are not typical of secretarial work.

NOTE: The term "corporate officer," used in the level definitions following, refers to those officials who have a significant corporate-wide policymaking role with regard to major company activities. The title "vice president," though normally indicative of this role, does not in all cases identify such positions. Vice presidents whose primary responsibility is to act personally on individual cases or transactions (e.g., approve or deny individual loan or credit actions; administer individual trust accounts; directly supervise a clerical staff) are not considered to be "corporate officers" for purposes of applying the following level definitions.

Class A

- a. Secretary to the chairman of the board or president of a company that employs, in all, over 100 but fewer than 5,000 persons; or
- b. Secretary to a corporate officer (other than the chairman of the board or president) of a company that employs, in all, over 5,000 but fewer than 25,000 persons; or
- c. Secretary to the head (immediately below the corporate officer level) of a major segment or subsidiary of a company that employs, in all, over 25,000 persons.

Class B

- a. Secretary to the chairman of the board or president of a company that employs, in all, fewer than 100 persons; or
- b. Secretary to a corporate officer (other than chairman of the board or president) of a company that employs, in all, over 100 but fewer than 5,000 persons; or

## SECRETARY—Continued

c. Secretary to the head (immediately below the officer level) over either a major corporate-wide functional activity (e. g., marketing, research, operations, industrial relations, etc.) or a major geographic or organizational segment (e. g., a regional headquarters; a major division) of a company that employs, in all, over 5,000 but fewer than 25,000 employees; or

d. Secretary to the head of an individual plant, factory, etc. (or other equivalent level of official) that employs, in all, over 5,000 persons; or

e. Secretary to the head of a large and important organizational segment (e. g., a middle management supervisor of an organizational segment often involving as many as several hundred persons) of a company that employs, in all, over 25,000 persons.

Class C

a. Secretary to an executive or managerial person whose responsibility is not equivalent to one of the specific level situations in the definition for class B, but whose subordinate staff normally numbers at least several dozen employees and is usually divided into organizational segments which are often, in turn, further subdivided. In some companies, this level includes a wide range of organizational echelons; in others, only one or two; or

b. Secretary to the head of an individual plant, factory, etc. (or other equivalent level of official) that employs, in all, fewer than 5,000 persons.

Class D

a. Secretary to the supervisor or head of a small organizational unit (e. g., fewer than about 25 or 30 persons); or

b. Secretary to a nonsupervisory staff specialist, professional employee, administrative officer, or assistant, skilled technician or expert. (NOTE: Many companies assign stenographers, rather than secretaries as described above, to this level of supervisory or nonsupervisory worker.)

## STENOGRAPHER, GENERAL

Primary duty is to take dictation involving a normal routine vocabulary from one or more persons either in shorthand or by Stenotype or similar machine; and transcribe dictation. May also type from written copy.

## STENOGRAPHER, GENERAL—Continued

May maintain files, keep simple records, or perform other relatively routine clerical tasks. May operate from a stenographic pool. Does not include transcribing-machine work. (See transcribing-machine operator.)

## STENOGRAPHER, SENIOR

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

## OR

Performs stenographic duties requiring significantly greater independence and responsibility than stenographers, general as evidenced by the following: Work requires high degree of stenographic speed and accuracy; and a thorough working knowledge of general business and office procedures and of the specific business operations, organization, policies, procedures, files, workflow, etc. Uses this knowledge in performing stenographic duties and responsible clerical tasks such as, maintaining followup files; assembling material for reports, memorandums, letters, etc.; composing simple letters from general instructions; reading and routing incoming mail; and answering routine questions, etc. Does not include transcribing-machine work.

## SWITCHBOARD OPERATOR

Class A. Operates a single- or multiple-position telephone switchboard handling incoming, outgoing, intraplant or office calls. Performs full telephone information service or handles complex calls, such as conference, collect, overseas, or similar calls, either in addition to doing routine work as described for switchboard operator, class B, or as a full-time assignment. ("Full" telephone information service occurs when the establishment has varied functions that are not readily understandable for telephone information purposes, e. g., because of overlapping or interrelated functions, and consequently present frequent problems as to which extensions are appropriate for calls.)

Class B. Operates a single- or multiple-position telephone switchboard handling incoming, outgoing, intraplant or office calls. May handle routine long distance calls and record tolls. May perform limited telephone information service. ("Limited" telephone information service occurs if the functions of the establishment serviced are readily understandable for telephone information purposes, or if the requests are routine, e. g., giving extension numbers when specific names are furnished, or if complex calls are referred to another operator.)

## SWITCHBOARD OPERATOR-RECEPTIONIST

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

## TABULATING-MACHINE OPERATOR

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

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

Class C. Operates simple tabulating or electrical accounting machines such as the sorter, reproducing punch, collator, etc., with specific instructions. May include simple wiring from diagrams and

## TABULATING-MACHINE OPERATOR—Continued

some filing work. The work typically involves portions of a work unit, for example, individual sorting or collating runs or repetitive operations.

## TRANSCRIBING-MACHINE OPERATOR, GENERAL

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

## TYPIST

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

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

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

PROFESSIONAL AND TECHNICAL

## DRAFTSMAN

Class A. Plans the graphic presentation of complex items having distinctive design features that differ significantly from established drafting precedents. Works in close support with the design originator, and may recommend minor design changes. Analyzes the effect of each change on the details of form, function, and positional relationships of components and parts. Works with a minimum of supervisory assistance. Completed work is reviewed by design originator for consistency with prior engineering determinations. May either prepare drawings, or direct their preparation by lower level draftsmen.

Class B. Performs nonroutine and complex drafting assignments that require the application of most of the standardized drawing techniques regularly used. Duties typically involve such work as: Prepares working drawings of subassemblies with irregular shapes, multiple functions, and precise positional relationships between components; prepares architectural drawings for construction of a building including detail drawings of foundations, wall sections, floor plans, and roof. Uses accepted formulas and manuals in making necessary computations to determine quantities of materials to be used, load capacities, strengths, stresses, etc. Receives initial instructions, requirements, and advice from supervisor. Completed work is checked for technical adequacy.

Class C. Prepares detail drawings of single units or parts for engineering, construction, manufacturing, or repair purposes. Types of drawings prepared include isometric projections (depicting three dimensions in accurate scale) and sectional views to clarify positioning of components and convey needed information. Consolidates details from a number of sources and adjusts or transposes scale as required.

## DRAFTSMAN—Continued

Suggested methods of approach, applicable precedents, and advice on source materials are given with initial assignments. Instructions are less complete when assignments recur. Work may be spot-checked during progress.

## DRAFTSMAN-TRACER

Copies plans and drawings prepared by others by placing tracing cloth or paper over drawings and tracing with pen or pencil. (Does not include tracing limited to plans primarily consisting of straight lines and a large scale not requiring close delineation.)

and/or

Prepares simple or repetitive drawings of easily visualized items. Work is closely supervised during progress.

## NURSE, INDUSTRIAL (REGISTERED)

A registered nurse who gives nursing service under general medical direction 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; assisting in physical examinations and health evaluations of applicants and employees; and planning and carrying out programs involving health education, accident prevention, evaluation of plant environment, or other activities affecting the health, welfare, and safety of all personnel.

MAINTENANCE AND POWERPLANT

## CARPENTER, MAINTENANCE

Performs the carpentry duties necessary to construct and maintain in good repair building woodwork and equipment such as bins, cribs, counters, benches, partitions, doors, floors, stairs, casings, and trim made of wood in an establishment. Work involves most of the following: Planning and laying out of work from blueprints, drawings, models, or verbal instructions using a variety of carpenter's handtools, portable power tools,

## CARPENTER, MAINTENANCE—Continued

and standard measuring instruments; making standard shop computations relating to dimensions of work; and 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 generation, 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, layouts, or other specifications; locating and diagnosing trouble in the electrical system or equipment; working standard computations relating to load requirements of wiring or electrical equipment; and using a variety of electrician's handtools and measuring and testing instruments. In general, the work of the maintenance electrician requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

## 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; and 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, or gas or oil burner; and checks water and safety valves. May clean, oil, or assist in repairing boilerroom equipment.

## HELPER, MAINTENANCE TRADES

Assists one or more workers in the skilled maintenance trades, by performing specific or general duties of lesser skill, such as keeping

## HELPER, MAINTENANCE TRADES—Continued

a worker supplied with materials and tools; cleaning working area, machine, and equipment; assisting journeyman by holding materials or tools; and 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, gages, 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; and 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; and fitting and assembling parts into mechanical equipment. In general, the machinist's work normally requires a rounded training in machine-shop practice usually acquired through a formal apprenticeship or equivalent training and experience.

## MECHANIC, AUTOMOTIVE (MAINTENANCE)

Repairs automobiles, buses, motortrucks, and tractors of an establishment. Work involves most of the following: Examining automotive equipment to diagnose source of trouble; disassembling equipment and performing repairs that involve the use of such handtools as wrenches, gages, drills, or specialized equipment in disassembling or fitting parts; replacing broken or defective parts from stock; grinding and adjusting valves; reassembling and installing the various assemblies in the vehicle and making necessary adjustments; and 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; and 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; and 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; and making standard tests to determine whether finished pipes meet specifications. In general, the work of the maintenance pipefitter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience. Workers primarily engaged in installing and repairing building sanitation or heating systems are excluded.

## 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; and opening clogged drains with a plunger or plumber's snake. In general, the work of the maintenance plumber requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

## SHEET-METAL WORKER, MAINTENANCE

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

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

Constructs and repairs machine-shop tools, gages, jigs, fixtures or dies for forgings, punching, and other metal-forming work. Work in-

## TOOL AND DIE MAKER—Continued

volves 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; heattreating 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; and 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 MOVEMENT

## GUARD AND WATCHMAN

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.

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

## 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,

## JANITOR, PORTER, OR CLEANER—Continued

trash, and other refuse; dusting equipment, furniture, or fixtures; polishing metal fixtures or trimmings; providing supplies and minor maintenance services; and 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; and transporting materials or merchandise by handtruck, 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; and applying labels or entering identifying data on container. Packers who also make wooden boxes or crates are excluded.

## SHIPPING AND RECEIVING CLERK

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

## SHIPPING AND RECEIVING CLERK—Continued

For wage study purposes, workers are classified as follows:

Receiving clerk  
Shipping clerk  
Shipping and receiving clerk

## TRUCKDRIVER

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

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

Truckdriver (combination of sizes listed separately)  
Truckdriver, light (under 1<sup>1</sup>/<sub>2</sub> tons)  
Truckdriver, medium (1<sup>1</sup>/<sub>2</sub> 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)

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The eighth annual report on salaries for accountants, auditors, attorneys, chemists, engineers, engineering technicians, draftsmen, tracers, job analysts, directors of personnel, managers of office services, buyers, and clerical employees.

Order as BLS Bulletin 1585, National Survey of Professional, Administrative, Technical, and Clerical Pay, June 1967. Fifty cents a copy.



## Area Wage Surveys

A list of the latest available bulletins is presented below. A directory indicating dates of earlier studies, and the prices of the bulletins is available on request. Bulletins may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, or from any of the BLS regional sales offices shown on the inside front cover.

Area	Bulletin number and price	Area	Bulletin number and price
Akron, Ohio, July 1967 <sup>1</sup> -----	1530-86, 25 cents	Milwaukee, Wis., Apr. 1967 <sup>1</sup> -----	1530-76, 30 cents
Albany-Schenectady-Troy, N.Y., Apr. 1967-----	1530-62, 25 cents	Minneapolis-St. Paul, Minn., Jan. 1967 <sup>1</sup> -----	1530-42, 30 cents
Albuquerque, N. Mex., Apr. 1967-----	1530-60, 20 cents	Muskegon-Muskegon Heights, Mich., May 1967-----	1530-72, 20 cents
Allentown-Bethlehem-Easton, Pa.-N.J., Feb. 1967-----	1530-53, 25 cents	Newark and Jersey City, N.J., Feb. 1967-----	1530-55, 25 cents
Atlanta, Ga., May 1967-----	1530-71, 25 cents	New Haven, Conn., Jan. 1968 <sup>1</sup> -----	1575-34, 25 cents
Baltimore, Md., Oct. 1967-----	1575-18, 25 cents	New Orleans, La., Feb. 1967 <sup>1</sup> -----	1530-51, 30 cents
Beaumont-Port Arthur-Orange, Tex., May 1967-----	1530-74, 20 cents	New York, N.Y., Apr. 1967 <sup>1</sup> -----	1530-83, 40 cents
Birmingham, Ala., Apr. 1967 <sup>1</sup> -----	1530-63, 30 cents	Norfolk-Portsmouth and Newport News- Hampton, Va., June 1967 <sup>1</sup> -----	1530-82, 25 cents
Boise City, Idaho, July 1967-----	1575-3, 20 cents	Oklahoma City, Okla., July 1967-----	1575-4, 20 cents
Boston, Mass., Sept. 1967 <sup>1</sup> -----	1575-13, 30 cents		
Buffalo, N.Y., Dec. 1967-----	1575-41, 30 cents	Omaha, Nebr.-Iowa, Oct. 1967 <sup>1</sup> -----	1575-21, 25 cents
Burlington, Vt., Mar. 1967 <sup>1</sup> -----	1530-52, 25 cents	Paterson-Clifton-Passaic, N.J., May 1967-----	1530-67, 25 cents
Canton, Ohio, Apr. 1967-----	1530-58, 20 cents	Philadelphia, Pa.-N.J., Nov. 1967 <sup>1</sup> -----	1575-40, 30 cents
Charleston, W. Va., Apr. 1967-----	1530-61, 20 cents	Phoenix, Ariz., Mar. 1967-----	1530-59, 20 cents
Charlotte, N.C., Apr. 1967-----	1530-64, 20 cents	Pittsburgh, Pa., Jan. 1967 <sup>1</sup> -----	1530-46, 30 cents
Chattanooga, Tenn.-Ga., Aug. 1967-----	1575-7, 25 cents	Portland, Maine, Nov. 1967 <sup>1</sup> -----	1575-16, 25 cents
Chicago, Ill., Apr. 1967 <sup>1</sup> -----	1530-73, 30 cents	Portland, Oreg.-Wash., May 1967-----	1530-79, 25 cents
Cincinnati, Ohio-Ky.-Ind., Mar. 1967-----	1530-56, 25 cents	Providence-Pawtucket-Warwick, R.I.-Mass., May 1967 <sup>1</sup> -----	1530-70, 30 cents
Cleveland, Ohio, Sept. 1967-----	1575-14, 25 cents	Raleigh, N.C., Aug. 1967 <sup>1</sup> -----	1575-6, 25 cents
Columbus, Ohio, Oct. 1967-----	1575-23, 25 cents	Richmond, Va., Nov. 1967 <sup>1</sup> -----	1575-27, 25 cents
Dallas, Tex., Nov. 1967-----	1575-20, 25 cents	Rockford, Ill., May 1967-----	1530-68, 20 cents
Davenport-Rock Island-Moline, Iowa-Ill., Oct. 1967-----	1575-12, 25 cents	St. Louis, Mo.-Ill., Jan. 1968-----	1575-39, 30 cents
Dayton, Ohio, Jan. 1968 <sup>1</sup> -----	1575-51, 30 cents	Salt Lake City, Utah, Dec. 1967-----	1575-35, 20 cents
Denver, Colo., Dec. 1967 <sup>1</sup> -----	1575-38, 25 cents	San Antonio, Tex., June 1967 <sup>1</sup> -----	1530-84, 25 cents
Des Moines, Iowa, Feb. 1967-----	1530-44, 25 cents	San Bernardino-Riverside-Ontario, Calif., Aug. 1967 <sup>1</sup> -----	1575-10, 30 cents
Detroit, Mich., Jan. 1968 <sup>1</sup> -----	1575-45, 35 cents	San Diego, Calif., Nov. 1967-----	1575-19, 20 cents
Fort Worth, Tex., Nov. 1967-----	1575-22, 25 cents	San Francisco-Oakland, Calif., Jan. 1968-----	1575-37, 25 cents
Green Bay, Wis., July 1967-----	1575-5, 20 cents	San Jose, Calif., Sept. 1967 <sup>1</sup> -----	1575-15, 25 cents
Greenville, S.C., May 1967-----	1530-66, 25 cents	Savannah, Ga., May 1967-----	1530-69, 20 cents
Houston, Tex., June 1967-----	1530-85, 25 cents	Scranton, Pa., July 1967 <sup>1</sup> -----	1575-9, 25 cents
Indianapolis, Ind., Dec. 1967 <sup>1</sup> -----	1575-36, 30 cents	Seattle-Everett, Wash., Nov. 1967 <sup>1</sup> -----	1575-29, 25 cents
Jackson, Miss., Feb. 1968 <sup>1</sup> -----	1575-49, 30 cents	Sioux Falls, S. Dak., Oct. 1967 <sup>1</sup> -----	1575-17, 25 cents
Jacksonville, Fla., Jan. 1968-----	1575-33, 20 cents	South Bend, Ind., Mar. 1967-----	1530-57, 20 cents
Kansas City, Mo.-Kans., Nov. 1967 <sup>1</sup> -----	1575-30, 25 cents	Spokane, Wash., June 1967 <sup>1</sup> -----	1530-80, 25 cents
Lawrence-Haverhill, Mass.-N.H., June 1967-----	1530-77, 20 cents	Tampa-St. Petersburg, Fla., Aug. 1967-----	1575-8, 25 cents
Little Rock-North Little Rock, Ark., July 1967-----	1575-2, 25 cents	Toledo, Ohio-Mich., Feb. 1968-----	1575-43, 30 cents
Los Angeles-Long Beach and Anaheim-Santa Ana- Garden Grove, Calif., Mar. 1967 <sup>1</sup> -----	1530-65, 30 cents	Trenton, N.J., Nov. 1967-----	1575-24, 20 cents
Louisville, Ky.-Ind., Feb. 1967 <sup>1</sup> -----	1530-49, 30 cents	Washington, D.C.-Md.-Va., Sept. 1967-----	1575-11, 25 cents
Lubbock, Tex., June 1967-----	1530-75, 20 cents	Waterbury, Conn., Mar. 1967-----	1530-54, 20 cents
Manchester, N.H., July 1967-----	1575-1, 20 cents	Waterloo, Iowa, Nov. 1967-----	1575-26, 20 cents
Memphis, Tenn.-Ark., Jan. 1968 <sup>1</sup> -----	1575-32, 25 cents	Wichita, Kans., Dec. 1967-----	1575-31, 20 cents
Miami, Fla., Dec. 1967 <sup>1</sup> -----	1575-28, 25 cents	Worcester, Mass., June 1967-----	1530-81, 25 cents
Midland and Odessa, Tex., June 1967-----	1530-78, 20 cents	York, Pa., Feb. 1968 <sup>1</sup> -----	1575-42, 30 cents
		Youngstown-Warren, Ohio, Nov. 1967 <sup>1</sup> -----	1575-25, 25 cents

<sup>1</sup> Data on establishment practices and supplementary wage provisions are also presented.