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# Occupational Wage Survey

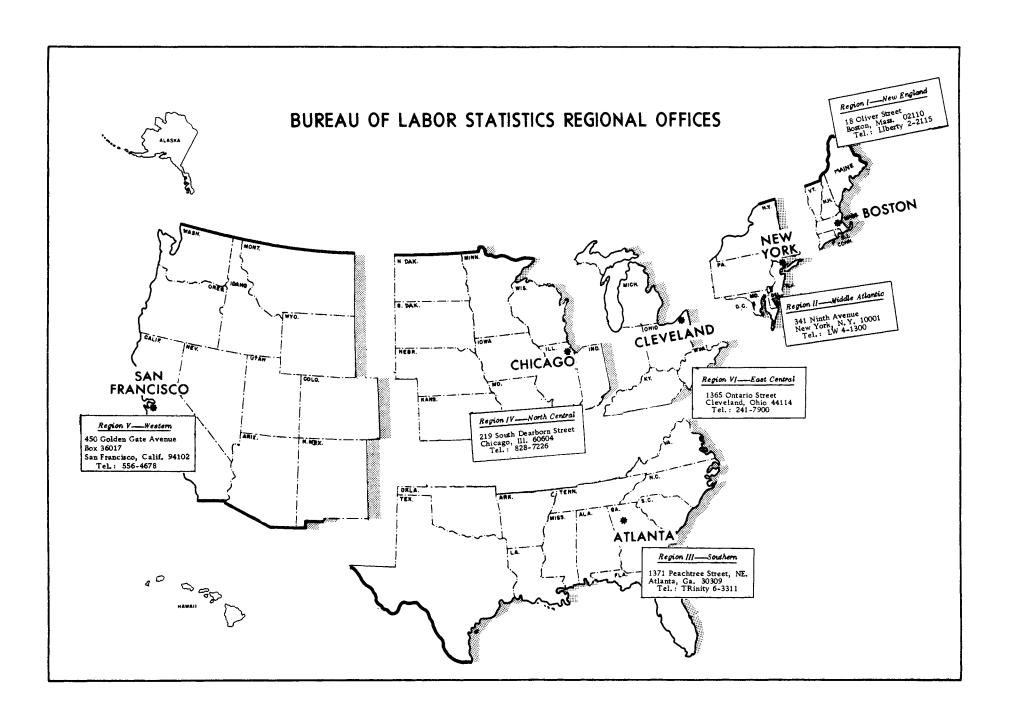
# CLEVELAND, OHIO SEPTEMBER 1964



Bulletin No. 1430-13

UNITED STATES DEPARTMENT OF LABOR
W. Willard Wirtz, Secretary

BUREAU OF LABOR STATISTICS Ewan Clague, 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 divisions for each of the areas studied, for economic 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 economic regions and the United States.

Eighty-two areas currently are included in the program. Information on occupational earnings is collected annually in each area. Information on establishment practices and supplementary wage provisions is obtained biennially in most of the areas.

This bulletin presents results of the survey in Cleveland, Ohio, in September 1964. It was prepared in the Bureau's regional office in Cleveland, by Robert G. Bryan, under the direction of Elliott A. Browar, Assistant Regional Director for Wages and Industrial Relations.

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

A current report on occupational earnings and supplementary wage practices in the Cleveland area is also available for the machinery industries (April 1964). Union scales, indicative of prevailing pay levels, are available for building construction, printing, local-transit operating employees, and motortruck drivers and helpers.

# Occupational Wage Survey-Cleveland, Ohio

# Introduction

This area is 1 of 82 in which the U.S. Department of Labor's Bureau of Labor Statistics conducts surveys of occupational earnings and related wage benefits on an areawide basis. In this area, data were obtained by personal visits of Bureau field economists to representative establishments within six broad industry divisions: Manufacturing; transportation, 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 appendix B. Earnings data for some of the occupations listed and described 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 bonuses and incentive earnings are included. Where weekly hours are

reported, as for office clerical occupations, reference is to the work schedules (rounded to the nearest half hour) for which straight-time salaries are paid; average weekly earnings for these occupations have been rounded to the nearest half dollar.

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. The averages presented reflect composite, areawide estimates. Industries and establishments differ in pay level, job staffing, and in the extent to which men and women are employed and, thus, contribute differently to the estimates. Other possible factors which may contribute to differences in pay 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 appropriately classified 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 materially affect 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 office and plant workers. Administrative, executive, and professional employees, and force-account construction workers who are utilized as a separate work force are excluded. "Office workers" include working supervisors and nonsupervisory workers performing clerical or related functions. "Plant workers" include working foremen and all nonsupervisory workers (including leadmen and trainees) engaged in nonoffice functions. Cafeteria workers and routemen are excluded in manufacturing industries, but included in nonmanufacturing industries.

Minimum entrance salaries (table B-1) relate only to the establishments visited. They are presented in terms of establishments with formal minimum entrance salary policies.

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. Paid holidays; paid vacations; health, insurance, and pension plans; and profit-sharing plans (tables B-4 through B-8) 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-8 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 nonworkday, even if 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 formal policies, excluding informal arrangements whereby time off with pay is granted at the discretion of the employer. Separate estimates are provided according to employer practice in computing vacation payments, such as time payments, percent of annual earnings, or flat-sum amounts. However, in the tabulations of vacation pay, payments not on 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.

Data are presented for all health, insurance, and pension plans (tables B-6 and B-7) for which at least a part of the cost is borne by the employer, excepting only legal requirements such as workmen's compensation, social security, and railroad retirement. Such plans include those underwritten by a commercial insurance

company and those provided through a union fund or paid directly by the employer out of current operating funds or from a fund set aside for this purpose. Death benefits are included as a form of life insurance.

Sickness and accident insurance is limited to that type of insurance under which predetermined cash payments are made directly to the insured on a weekly or monthly basis during illness or accident disability. Information is presented for all such plans to which the employer contributes. However, in New York and New Jersey, which have enacted temporary disability insurance laws which require employer contributions, 2 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 3 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 extended medical insurance, includes those plans which are designed to protect employees in case of sickness and injury involving expenses beyond the normal coverage of hospitalization, medical, and surgical plans. Medical insurance refers to plans providing for complete or partial payment of doctors' fees. Such plans may be underwritten by commercial insurance companies or nonprofit organizations or they may be self-insured. Tabulations of retirement pension plans are limited to those plans that provide monthly payments for the remainder of the worker's life.

Profit-sharing plans (table B-8) are limited to formal plans with definite formulas for computing profit shares to be distributed among employees and whose formulas were communicated to employees in advance of the determination of profits. Data are presented according to provisions for distributing profit shares to employees: (1) <u>Current</u> or cash distribution of profit shares within a short period after determination of profits; (2) <u>deferred</u> distribution of profit shares after a specified number of years or at retirement; (3) <u>combination</u> current and deferred plans; and (4) <u>elective</u> distribution plans, under which each participant is required to select whether to take his share of the current year's profit in cash, have it deferred, or part in cash and part deferred.

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.

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

<sup>&</sup>lt;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 Cleveland, Ohio, 1 by major industry division, 2 September 1964

	Minimum	Number of	stablishments		Workers in e	stablishments	
Industry division	employment in establish-	Within			Within scope of study	,	Studied
	ments in scope of study	scope of study <sup>3</sup>	Studied	Total 4	Office	Plant	Total 4
All divisions	<u> </u>	941	315	348, 500	59, 400	223, 300	241, 290
Manufacturing Nomanufacturing Transportation, communication, and other public utilities 5 Wholesale trade Retail trade	100 - 100 50 100	416 525 57 163 70	158 157 25 39 33	219, 600 128, 900 32, 400 20, 900 40, 500	31, 200 28, 200 6, 400 5, 500 2, 700	153.700 69,600 14,200 11,600 32,200	160, 790 80, 500 26, 450 7, 960 31, 280
Finance, insurance, and real estateServices 7	50 50	116 119	30 30	18, 900 16, 200	11,600 (*)	61,800 (8)	8,730 6,080

1 The Cleveland Standard Metropolitan Statistical Area consists of Cuyahoga and Lake 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.

The 1957 revised edition of the Standard Industrial Classification Manual was used in classifying establishments by industry division.

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.

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

Taxicabs and services incidental to water transportation were excluded. Cleveland's transit system is municipally operated and is excluded by definition from the scope of the study.

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.

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

This industry division is represented in estimates for "all industries" and "nonmanufacturing" in the Series A tables, and for "all industries" in the Series B tables. Separate presentation of data for this division is not made for one or more of the following reasons: (1) Employment in the division is too small to provide enough data to merit separate study, (2) the sample was not designed initially to permit separate presentation, (3) response was insufficient or inadequate to permit separate presentation, and (4) there is possibility of disclosure of individual establishment data.

Table 2. Indexes of standard weekly salaries and straight-time hourly earnings for selected occupational groups in Cleveland. Ohio. September 1964 and September 1963, and percents of increase for selected periods

		Inde nber	xes 1960=100)		_	Pe	rcents of inc	rea	se		
Industry and occupational group	September 1	964	September 1963	to	to		September 1 to September 1		to	to to	-
All industries:											
Office clerical (men and women)	109.4		107.9	1.4	2, 5		2, 7		2.6	4.0	
Industrial nurses (men and women)	110.6		109.6	. 9	3.3		2, 9		3.0	3.1	
Skilled maintenance (men)	110,5		109.3	1.1	3.1		3, 4		2.5	3.2	
Unskilled plant (men)	110.3		108.5	1.6	2.9		3. 1		2.3	2.9	
Manufacturing:				İ							
Office clerical (men and women)	108.0		107.5	.5	2.6		2.4		2.4	3.0	
Industrial nurses (men and women)	110.6		109.6	وَ ا	3.3		2.9		3.0	3.1	
Skilled maintenance (men)	110.4		109.4	ۇ. ا	3.0		3. 4		2.8	3.1	
Unskilled plant (men)	109.9		108.4	1.5	3.4		2, 6		2.2	4.2	

# 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.

For office clerical workers and industrial nurses, the percentages of change relate to average weekly salaries for normal hours of work, that is, the standard work schedule for which straight-time salaries are paid. For plant worker groups, they measure changes in 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. The office clerical data are based on men and women in the following 19 jobs: Bookkeeping-machine operators, class B; clerks, accounting, class A and B; clerks, file, class A, B, and C; clerks, order; clerks, payroll; Comptometer operators; keypunch operators, class A and B; office boys and girls; secretaries; stenographers, general; stenographers, senior; switchboard operators; tabulating-machine operators, class B; and typists, class A and B. The industrial nurse data are based on men and women industrial nurses. Men in the following 8 skilled maintenance jobs and 2 unskilled jobs are included in the plant worker data: Skilled-carpenters; electricians; machinists; mechanics; mechanics, automotive; painters; pipefitters; and tool and die makers; unskilled-janitors, porters, and cleaners; and laborers, material handling.

Average weekly salaries or average hourly earnings were computed for each of the selected occupations. The average salaries or hourly earnings were then multiplied by employment in each of the jobs during the period surveyed in 1961. These weighted earnings

for individual occupations were then totaled to obtain an aggregate for each occupational group. Finally, the ratio (expressed as a percentage) of the group aggregate for the one year to the aggregate for the other year was computed and the difference between the result and 100 is the percentage of change from the one period to the other. The indexes were computed by multiplying the ratios for each group aggregate for each period after the base year (1961).

The indexes and percentages of change measure, principally, the effects of (1) general salary and wage changes; (2) merit or other increases in pay received by individual workers while in the same job; and (3) changes in 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. For example, a force expansion might increase the proportion of lower paid workers in a specific occupation and lower the average, whereas a reduction in the proportion of lower paid workers would have the opposite effect. Similarly, the movement of a high-paying establishment out of an area could cause the average earnings to drop, even though no change in rates occurred in other establishments in 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.

# 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, Cleveland, Ohio, September 1964)

					earnings l ndard)						Numbe	er of v	vorker	s rec	eiving	strai	ght-ti	ne we	ekly e	arning	s of—					
Sex, occupation, and industry division	Number of workers	Average weekly hours 1 (standard	Mean <sup>2</sup>	Median <sup>2</sup>	Middle range <sup>2</sup>	40 and under	45 - 50	50 -	55 -	60 -	65 -	70 -	75 -	80	85	90	95 -	100	105	110	115	\$ 120 - 125	125	130	-	and
MEN																										
CLERKS, ACCOUNTING. CLASS A MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES FINANCE	367 190	39.5 39.0 40.0	117.50 115.50 116.00	119.50 117.00 116.50	\$ 105.50-128.50 105.50-129.00 105.00-127.50 107.50-127.00 101.00-124.50	-	:	:	:	:	:	:	2 2	11 6 5 3 2	9 8 1 -	26 15 11 1	34 15 19 10 8	54 43 11 - 9	49 27 22 14	35 23 12 8	91 52 39 17 9	60 48 12 5 7	69 46 23 9	49 37 12 3 3	38 23 15 6 7	30 22 8 5
CLERKS, ACCOUNTING, CLASS 8 MANUFACTURING MONMANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE	284 117 167 47 80	39.5 39.5 39.5 39.5 40.0	92.50 101.00	94.50 97.50 91.00 105.50 90.50	82.50-112.00 80.00-107.00 95.00-110.00	=	:	1	4 1 3 -	3 3 - -	13 3 10 	24 6 18 7	20 9 11 ~ 10	31 13 18 1	29 8 21 2 15	19 6 13 2 6	31 17 14 2 12	18 7 11 9 2	29 12 17 13	20 6 14 5 6	19 12 7 2 5	11 3 8 2 6	3 1 2 2	3 3 - -	:	6 6 - -
CLERKS, ORDER  MANUFACTURING  NONMANUFACTURING  WHOLESALE TRADE	685 205 480 478	40.0	119.00	120.00	100.50-124.50 103.50-133.50 99.50-122.00 99.50-122.00	-	:	:	:	:	:	:	15 3 12 12	13 2 11 11	10 3 7 7	77 15 62 62	51 19 32 32	55 13 42 42	65 19 46 46	66 8 58 58	92 21 71 71	79 29 50 50	57 9 48 48	27 19 8 8	32 10 22 22	5 3 5 11 9
CLERKS, PAYROLL	87 71			116.00 117.50		-	-	=	-	=	1	4 2	6 6	1	2 1	5 5	7 5	7 2	3 1	5 5	20 17	5 5	6	5 5	7 7	3
OFFICE BOYS	344 180 164 25 91	39.0 39.5 39.0 40.0 38.5	70.50	67.50 63.50 88.00	59.00- 77.50 81.00- 96.50	-	7 3 4 - 4	25 16 9 - 4	44 10 34 1	91 42 49 1 35	51 43 8 1 5	24 14 10 1 7	29 11 18 2 16	20 12 8 2 2	18 7 11 8 3	10 6 4 2 2	17 10 7 5	4 2 2 2	3 3 - -	1 1	:	-	:	-	:	-
TABULATING-MACHINE OPERATORS, CLASS A	169 118 51	40.0	123.00	122.50	114.00-130.00 116.00-131.50 101.50-128.00	=	:	:	:	-	:	:	-	:	1 1	2 2 -	11 1 10	9 3 6	4 4 -	20 13 7	31 28 3	23 16 7	27 18 9	18 16 2	11 7 4	12 10 2
TABULATING-MACHINE OPERATORS, CLASS 8 MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES	257 148 109 30	39.5 39.0	105.50	104.00	95.00-118.50	-	:	:	:	:	:	9 6 3	3 1 2	17 11 6 1	16 11 5	21 8 13 2	25 14 11	38 19 19	18 10 8 5	34 16 18 18	30 22 8 1	19 15 4	19 8 11	5 5 -	2 1 1	1 1 -
TABULATING-MACHINE OPERATORS, CLASS C	94 54	39.0 40.0				=	:	1 -	2	3 -	4	19	7 5	10 9	17 9	7	7	2 2	8 8	5 5	2 2	=	-	-	=	=
WOMEN																										
BILLERS, MACHINE (BILLING MACHINE) MANUFACTURING MONMANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE		39.5 39.5 39.5 40.0 40.0	78.50 81.00 76.00 90.50 72.50	81.50 76.00 84.00	69.50- 90.00 65.50- 85.50	-	1	13 - 13 - 9	20 10 10 -	11 3 6	39 22 17 -	28 13 15 7 2	31 12 19 -	42 25 17 14	27 15 12 1 2	14 4 10 - 9	13 13 -	11 10 1 1	6 4 2 2	1	9 - 9 9	-	:	:	-	:
BILLERS, MACHINE (BOOKKEEPING MACHINE) MANUFACTURING NONMANUFACTURING	124 50 74	39.5 39.0 40.0		78.50	74.00- 84.50	- - -	-	:	4	24 1 23	22 11 11	12	37 19 18	8 8 -	8 7 1	4 3 1	-	<u>-</u>	1	4 1 3	:	-	=	-	=	=

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, Cleveland, Ohio, September 1964)

					earnings <sup>1</sup> idard)		·		_		Numbe	er of v							ekly ea							_
Sex, occupation, and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard)	Mean <sup>2</sup>	Median <sup>2</sup>	Middle range <sup>2</sup>	40 and under	45 - 50	50 - 55	55 -	-	65 -	70	75 -	80 -	85 -	90 -	95 -	-	-	-	115	120	125 - 130	-	135 - 140	and
WOMEN - CONTINUED  BOOKKEEPING-MACHINE OPERATORS, CLASS A	210 129 81	39.0 39.0 39.0		95.50	\$ 82.00- 98.50 85.50- 99.00 77.50- 90.00	-	=	=	4 -	=	4-4	13 7 6	13 1 12	44 22 22	32 18 14	17 13 4	45 45	7 4 3	11 11	6 2 4	4 1 3	7 2 5	1 1 -	1 1	1 1	:
BOOKKEEPING-MACHINE OPERATORS, CLASS B MANUFACTURING NONMANUFACTURING FINANCE*	508 193 315 162 59	39.5 39.5 39.5 40.0 39.0	74.50 78.50 72.00 74.00 73.00	77.50 72.50 75.50	67.00- 82.50 72.00- 83.50 64.00- 81.50 70.50- 83.00 64.50- 79.50	-	:	28 28 21	26 10 16 6 2	55 9 46 2 14	46 11 35 8 11	103 42 61 42 9	84 51 33 19	85 31 54 40 8	43 15 28 19	14 5 9 5 2	8 7 1 -	8 8 - -	6 3 3 - 2	2 1 1 -	:	:	:	-	:	:
CLERKS, ACCOUNTING, CLASS A MANUFACTURING NONMANUFACTURING PUBLIC UTLLITIES FINANCE	200	39.0 39.0 39.0	98.00 95.00	101.00 103.00 94.00 92.50 101.50	90.50-112.50 93.00-115.50 88.50-108.50 87.00- 97.50 91.50-108.50		=	1 -		1	5 2 3 -	3 2 1 -	21 16 5 2 3	66 23 43 19	58 24 34 11 5	120 39 81 40 20	42 29 13 8 3	89 72 17 - 6	72 25 47 7 21	52 36 16 3	47 25 22 5	32 28 4 -	41 20 21 4 7	9 - -	10 9 1 1	1
CLERKS, ACCOUNTING, CLASS B MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE RETAIL TRADE FINANCE	617 882 170 255	39.0 39.5 39.0 39.5 39.5 39.5 36.5	79.50 83.00 77.50 82.50 81.50 65.50 77.00	82.00 77.00 79.50 84.00 64.00	69.50- 90.00 71.50- 93.00 67.00- 88.00 72.50- 91.00 72.00- 90.00 54.00- 75.00 68.00- 84.50	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	66 10 56 - 3 53	68 22 46 7 8 20	114 26 88 1 38 19 22	63	96	176 59 117 28 35 12 22	175 88 87 16 14 15 42	167 61 106 22 63 9	135 61 74 14 14 -	76 38 38 4 20 4	55 28 27 2 10 3	56 34 22 8 14	26 12 14 14 -	15 10 5 2 3	7 7	2 2	-	:	:
CLERKS, FILE, CLASS A MANUFACTURING NONMANUFACTURING	152 62 90	39.0 39.5 39.0	82.00 85.50 79.50	85.00	72.50- 90.50 77.00- 96.00 71.50- 89.50	-	=	6 - 6	:	7 - 7	12 7 5	26 8 18	11 2 9	21 15 6	30 10 20	15 3 12	10 9 1	5 3 2	4 3 1	1 1 -	1	2 - 2	i	-	:	:
CLERKS, FILE, CLASS B MANUFACTURING NONMANUFACTURING WHOLESALE TRADE FINANCE <sup>4</sup>	119	39.5 39.5 39.0 40.0 38.0	67.00 69.00 66.50 63.50 65.50	67.50 65.50 60.50	59.00- 72.50 59.00- 74.00 59.00- 71.50 57.00- 67.00 60.00- 72.00	=	=	45 14 31 14 8	106 37 69 43 18	73 14 59 23 16	130 41 89 23 28	59 26 33 - 20	26 11 15 3 5	19 7 12 7	25 1 24 13	14 6 8 -	13 12 1 -	-	1 -	-	-	-	=	:	:	=
CLERKS, FILE, CLASS C	42 51	39.5 39.5 39.5 39.5 40.0 40.0	63.50 71.00 59.50 67.50 58.00 50.50 62.00	67.50 58.00 67.50 59.00 51.50	59.00- 74.00 56.50- 62.00 48.50- 53.50	-	21	60 10 50 - 4 37	146 22 124 14 29 2 57	76 32 44 3 16 1	52 27 25 9 2 -	14 5 9 8  1	21 15 6 2 -	14 9 5 2 - 3	10 5 5 4 - 1	29 25 4 - - 4	-	-	-	-	-	-	:		:	-
CLERKS, ORDERMANUFACTURINGNONMANUFACTURING	384 220 164 100	40.0 40.0 39.5 40.0	81.00 87.00 72.50 82.00	84.50 74.00	61.00- 86.50	-	12	21	6 1 5	26 13 13	38 24 14 12	52 29 23 18	33 18 15 15	44 28 16 12	42 24 18 18	44 22 22 20	18 18 -	4 4 -	4	17 17 -	12 7 5 5	2 2 - -	5	1	1 -	2 -
CLERKS, PAYROLL	674 442 232 81 54	39.5 39.5 39.5 39.5 39.0	91.00 92.50 88.50 94.50 75.00	91.00 90.50 94.50	79.00-106.50 75.50-103.50 87.00-106.50	=	-	2 - 2 - 2	8 4 - 4	28 14 14 - 13	47 25 22 9 4	56 41 15 3 3	57 33 24 2 10	51 45 6 3 2	78 51 27 10 4	83 50 33 15 6	41 26 15 5 2	46 27 19 10 2	80 48 32 16	34 27 7 5	29 23 6 1 1	9 8 1 -	14 12 2 1	7 6 1 1	2 -	2
COMPTOMETER OPERATORS MANUFACTURING NOMMANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE RETAIL TRADE	583 284 299 60 75 144	39.5 39.5 40.0	77.50	86.00 77.00 101.00 75.00	78.00-102.00 65.50- 89.00	=	:	37 37  37	17 1 16 - 1 14	26 7 19 - 2 14	49 13 36 - 21 12	64 31 33 - 14 18	57 33 24 - 6 12	84 53 31 5 10 16	63 28 35 3 11 17	35 22 13 4 6 3	32 13 19 15 3	56 35 21 20 1	27 19 8 8 -	20 15 5 5 -	15 13 2 -	1 1		:	-	:

# 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, Cleveland, Ohio, September 1964)

					earnings <sup>l</sup> ndard)						Numbe	er of w	orker	s rece	iving	straig	ght-tin	ne wee	kly ea	arning	s of—					
Sex, occupation, and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard	Mean <sup>2</sup>	Median <sup>2</sup>	Middle range <sup>2</sup>	40 and	\$ 45 -	50	55 -	60	65 -				85 -	90			105	110			125	130	135	\$ 140 and
						under 45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	over
WOMEN - CONTINUED DUPLICATING-MACHINE OPERATORS (MIMEOGRAPH OR DITTD)	88	39.0	\$ 74.00	\$ 71.50	\$ 65.00- 83.00	-	<b>-</b>	1	14	7	17	20	4	6	2	8	_	8	-	1	_	_	_	-	_	
KEYPUNCH OPERATORS. CLASS A MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE	622 357 265 51 76	39.0 39.5 38.5 40.0 40.0	87.00 89.50 83.00 91.50 83.00	85.50 89.50 82.50 88.50 80.50	80.00- 99.50 75.50- 88.50	=	-	:	-	6 - - -	7 5 2 - 2	98 38 60 2 16	80 41 39 9	110 49 61 7 12	99 43 56 11 12	55 43 12 4	55 51 4 1 3	55 41 14 5 4	33 23 10 7 3	17 11 6 5	2 -	3 1 - 1	1 1	1	-	-
KEYPUNCH OPERATORS, CLASS 8 MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE FINANCE	877 368 509 134 179 140	39.5 39.5 39.5 40.0 39.5 38.0	78.50 81.00 77.00 91.00 74.50 71.50	77.00 80.50 74.50 94.00 74.00 69.50	68.00- 84.50 78.50-103.00 69.00- 82.50	-	-	22 7 15 -	44 15 29 - 4 18	58 28 30 1 7 20	127 33 94 4 44 36	152 57 95 14 43 20	98 38 60 20 18 21	114 47 67 15 41	60 37 23 1 12	64 35 29 16 7 6	29 27 2 - 1 1	76 22 54 52 2	6, 7 1 1	25 15 10 10	:	-	:	:	:	:
DFFICE GIRLS	236 86 150 29 50	39.5 39.5 39.5 40.0 39.0	63.50 65.00 62.50 71.50 60.00	70.00	62.00- 82.50	-	17 8 9 -	37 4 33 1 10	56 26 30 2 9	58 12 46 10 29	15 12 3 2	11 6 5 1 2	11 5 6	9 8 1 -	16 1 15 5	3 - -	1 1 1	1 1 -	1	-	:	-	: :	= = = = = = = = = = = = = = = = = = = =	:	:
SECRETARIES MANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE FINANCE FINANCE	1,694	39.5 39.0	99.00	109.50 97.50 113.00 98.00	86.50-108.50 100.50-126.50 85.50-105.00	-	-	-	1 - 1 - 1 - 1 1	2 - 1	42 10 32 - 15 7	60 8 52 1 16 8	82 29 53 - 4 9 27	208 54 154 9 24 23 67	237 92 145 7 19 15 84	278 125 153 3 27 12 93	296 119 177 27 29 7	420 229 191 17 51 11 76	304 211 93 21 12 11 31	219 171 48 18 7 7	306 215 91 24 7 2	190 143 47 11 11 1	146 97 49 19 7 6	94 68 26 10 3	64 47 17 7 3 1 6	116 76 40 17 10 1
STENOGRAPHERS, GENERAL	1.875 986 889 292 185 292	39.5 39.5 39.0 40.0 40.0 38.0	82.50 84.00 80.00 90.50 81.00 70.00	81.50 84.00 77.50 92.50 82.50 69.50	72.00- 91.00	-	:	4 - 3 -	26 8 18 - - 16	133 41 92 1 11 64	199 72 127 21 19 76	264 120 144 25 30 58	231 119 112 37 20 40	235 168 67 22 20 17	237 141 96 28 31	182 110 72 27 29 2	117 73 44 25 16	167 104 63 57 6	61 24 37 37	14 4 10 9 -	5 2 3 3	-	-	-	:	-
STENDGRAPHERS, SENIDR MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES FINANCE	1,061 701 360 145 144	39.5 39.5 39.5 40.0 38.5		95.50 97.00 92.50 101.50 89.00		=	-	-	12	6 - 6 - 6	6 4 2 - 2	17 5 12 2 7	56 28 28 2 11	101 66 35 12 16	125 74 51 22 24	192 117 75 23 36	155 127 28 8 14	150 114 36 15 16	96 80 16 10	57 31 26 26	73 49 24 16	7 4 3 3	4 2 2 2	3 3 3	1 1 1	=
SWITCHBOARD OPERATORS, CLASS A6 MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES3	123 73 50 31	39.5 39.0 39.5 40.0	97.00 98.00 95.50 98.00	98.50 99.50 96.50 99.00	91.00-106.00 92.00-105.50 89.50-106.50 93.50-106.00	-	-	-	-	2 -	:	5 1 4 -	1 -	13 6 7 2	7 5 2 2	19 9 10 6	23 15 8 8	20 16 4 4	17 7 10 9	7 5 2	8 5 3 -	1	:	-	:	:
SWITCHBOARD OPERATORS, CLASS 86 MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES3 WHOLESALE TRADE RETAIL TRADE	380 88 292 28 53 85	39.5 39.5 40.0 40.0 40.0 39.5	73.50 88.00 69.00 91.50 78.00 57.50	73.50 86.00 69.50 87.50 74.50 55.50	56.50- 80.00 84.50-102.00	4	6 - 6	50 - 50 - - 35	41	18 1 17 - 6	35 2 33 - 7 15	50 - 50 - 23 4	27 9 18 - 1 4	47 27 20 8 6	50 22 28 12 5	20 8 12 -	9 6 3	17 11 6 4	4 4 -	:	2 2	-	-		:	-
SWITCHBOARD OPERATOR-RECEPTIONISTS- MANUFACTURING NONMANUFACTURING		39.5	78.50 79.50 78.00 79.50 81.00			=	=	12 9 3 3	- - - -	60 19 41 13 13	110 55 55 10 4	97 52 45 20 7	48 22 26 12 6	83 52 31 21	67 39 28 9	71 33 38 21 11	18 12 6 6	30 15 15 7	4 2 2 -	7 1 6 6	3 3 - -	=	=	1	:	- - - -

# 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, Cleveland, Ohio, September 1964)

					earnings I idard)						Numb	er of w	vorker	s rece	iving	straig	ht-tim	ie wee	kly e	rning	s of—					
Sex, occupation, and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard)	Mean <sup>2</sup>	Median <sup>2</sup>	Middle range <sup>2</sup>	40 and under	45 - 50	50 - 55	\$ 55 - 60	60 - 65	65 - 70	70 - 75	\$ 75 - 80	80 ~ 85	85	90 -	95	100	105	\$ 110 - 115	115	120	125	\$ 130 - 135	135 - 140	and
WOMEN - CONTINUED	<u>-</u>		-																				,			
TABULATING-MACHINE OPERATORS, CLASS B		39.5	\$ 90.50 100.00 84.50	99.50		-	=======================================	:	=	=	10 2 8	13	16 1 15	17 4 13	18 9 9	34 4 30	16 12 4	9 7 2	10 6 4	8 4 4	3	7 7 -	=	1 1 -	=	:
TABULATING-MACHINE OPERATORS, CLASS C NONMANUFACTURING	83 74	39.5 39.5	87.50 85.50	85.00 84.00	80.00- 95.00 79.00- 93.00		-	-	:	5 5	5 5	1	10 10	21 21	11 8	10 10	2 1	:	17 13	1 -	-	-	:	:	-	-
TRANSCRIBING-MACHINE OPERATORS, GENERAL ————————————————————————————————————	233 196	39.5 39.5 39.5 38.5	76.50 78.00 75.00 73.50	76.50 73.50	67.50- 84.50 69.00- 86.00 63.50- 84.00 71.00- 82.00	-	-	3 1 2	56 21 35 9	31 13 18 4	38 28 10	89 41 48 28	55 45 10 3	56 24 32 20	24 12 12 3	37 24 13 2	5 5 -	29 16 13	6 3 3 -	:	:	=======================================	=	:	=	:
TYPISTS, CLASS A	·337 65 52	39.5 39.0 39.5	85.50 87.50 82.00 85.50 84.50 80.50	82.00 86.00 84.50	80.00- 95.50 73.00- 92.00 72.00-101.50 77.50- 89.50	-	-	5 - 3	10 - 10 - - 2	9 1 8 -	54 19 35 13 3	89 44 45 9 3 29	123 75 48 6 14 27	156 105 51 4 7 35	128 86 42 4 14	102 75 27 4 4	95 57 38 7 5	62 48 14 8	28 17 11 9 2	14	6 5 1 1	2 2	-	-	-	-
TYPISTS, CLASS B	1.322 251	39.5 39.0 40.0 40.0 39.5	66.50 73.50 66.00 58.00	72.50 65.50 70.00 66.50 56.50	59.50- 71.50 66.00- 78.50 59.50- 72.50 53.00- 63.00	-	5 5	100 14 86. 7 19 49 8	323 52 271 7 46 28 164	367 97 270 32 39 16 166	500 191 309 82 51 8 143	417 247 170 44 49 4	231 126 105 23 29 7 43	119 83 36 17 1 3	98 78 20 2 5 7	44 24 20 7 - 4	47 44 3 3 - -	27 5 22 22 	7 2 5 5	-	-	-	-	-	-	-

Standard hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.

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

Transportation, communication, and other public utilities.

Finance, insurance, and real estate.

Workers were distributed as follows: 12 at \$140 to \$145; 15 at \$145 to \$150; and 8 at \$150 and over.

Description for this occupation has been revised since the last survey in this area. See appendix A.

# 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, Cleveland, Ohio, September 1964)

					earnings <sup>1</sup> ndard)						Numb	er of v	worke	rs rec	eiving	strai	ght-tir	ne we	ekly ea	arning	s of-	•				
Sex, occupation, and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard)	Mean <sup>2</sup>	Median <sup>2</sup>	Middle range <sup>2</sup>	5 65 and under 70	70 - 75	75 - 80	80 - 85	85 - 90	90 - 95	-	-	-	-	-	-	-	-	-	140 - 150	-	-	-	-	190 and over
MEN																										
DRAFTSMEN, CLASS A3 MANUFACTURING					\$ 146.00-165.00 141.00-166.50	=	-	:	-	:	=	=	-	:	-	12 12	6 6	19 19	28 28	36 36	46 45	124 99	133 85	39 38	31 31	14 13
DRAFTSMEN, CLASS B <sup>3</sup> MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES <sup>4</sup>	849 227	40.0	133.00	132.50	123.00-144.00 120.50-142.50 133.00-146.00 117.00-149.00		=	=	-	-	4 4 - -	18 18 -	30 30 -	45 43 2 2	25 18 7 7	97 90 7 7	85 82 3 3	84 66 18 4	179 146 33 6	171 110 61 3		65 62 3 2	45 37 8 8	9 9 -	13 13	9 - -
DRAFTSMEN, CLASS C3					97.00-118.50 96.50-114.50	=	4	2	21 21	44 40	62 61	98 98	71 68	118 117	66 59	48 32	34 33	63 23	15 15	16 15	18 15	9	3 3	-	:	-
DRAFTSMEN-TRACERS3		40.0			76.50- 94.00 75.00- 93.00	4 2	30 30	22 22	26 26	14 6	35 19	9 9	6 5	8 -	2	5 5	1	=	1	Ξ	=	-	:	-	Ξ	-
MOMEN				,																						
DRAFTSMEN-TRACERS3	84	40.0	86.00	89.00	77.50- 93.00	7	8	13	9	7	32	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-
NURSES, INDUSTRIAL (REGISTERED) Manufacturing					100.00-119.00 101.00-118.50	-	1	1	1	12 7	27 26	18 17	24 23	31 28	32 29	47 47	19 14	16 15	12 9	1	-	-	:	-	-	-

Standard hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours. For definition of terms, see footnote 2, table A-1.

Description for this occupation has been revised since the last survey in this area. See appendix A.

Transportation, communication, and other public utilities.

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

 $(Average\ straight\mbox{-time weekly hours and earnings for selected occupations\ studied\ on\ an\ area\ basis\ by\ industry\ division,\ Cleveland,\ Ohio,\ September\ 1964)}$ 

		Ave	rage			Ave	rage			Ave	erage
Occupation and industry division	Number of workers	Weekly hours 1 (standard)	Weekly earnings <sup>1</sup> (standard)	Occupation and industry division	Number of workers	Weekly hours ! (standard)	Weekly earnings l (standard)	Occupation and industry division	Number of workers	Weekly hours 1 (standard)	Weekl earning (standar
OFFICE OCCUPATIONS				OFFICE OCCUPATIONS - CONTINUED				OFFICE OCCUPATIONS - CONTINUED			
BILLERS, MACHINE (BILLING			s.	CLERKS, ORDER	1,069	40.0	\$ 101.50	STENOGRAPHERS. SENIOR	1.076	39.5	\$ 96.
MACHINE)	281	39.5	79.50	MANUFACTURING	425		102.50	MANUFACTURING	702	39.5	97.
MANUFACTURING	132	39.5	81.00	NONMANUFACTURING	644	40.0	101.00	NONMANUFACTURING	374	39.5	94.
NONMANUFACTURING	149	39.5	78.00	WHOLESALE TRADE	578	40.0	105.50	PUBLIC UTILITIES2	159	40.0	102.
PUBLIC UTILITIES2	43 63	40.0	93.50	CLERKS, PAYROLL	761	39.5	93.50	FINANCE 3	144	38.5	85.
WHOLESALE TRADE		40.0	74.50	MANUFACTURING	513	39.5	95.50		1		1
BILLERS, MACHINE (BOOKKEEPING				NONMANUFACTURING	248	39.5	89.00		1	1	İ
MACHINE)	124	39.5	73.50	PUBLIC UTILITIES2	93	39.5		SWITCHBOARD OPERATORS, CLASS A4	123	39.5	97.
MANUFACTURING	50	39.0	77.50	WHOLESALE TRADE	53	39.5	97.00	MANUFACTURING	73	39.0	98.
NONMANUFACTURING	74	40.0	71.00	RETAIL TRADE	54	39.0	75.00	NONMANUFACTURING	50	39.5	95.
SOUNDED THE MACHINE OR CRATCHE				COMPTOMETER OPERATORS	605	30 5	92 50		31	40.0	98.
BOOKKEEPING-MACHINE OPERATORS, CLASS A	210	39.0	90.50	MANUFACTURING	585 285	39.5 39.5	82.50 88.50	SWITCHBOARD OPERATORS, CLASS 84	380	39.5	73.
MANUFACTURING	129	39.0	93.50	NONMANUFACTURING	300	39.5	77.00	MANUFACTURING	88	39.5	88.
NONMANUFACTURING	81	39.0	85.50	PUBLIC UTILITIES2	61	40.0	99.50	NONMANUFACTURING	292	40.0	69.
				WHOLESALE TRADE	75	40.0	77.50	PUBLIC UTILITIES *	28	40.0	91.
BOOKKEEPING-MACHINE OPERATORS.				RETAIL TRADE	144	39.5	67.00	WHOLESALE TRADE	53	40.0	78.
CLASS B	510	39.5	74.50	DUDI ICATING MACHINE ODERATORS				RETAIL TRADE	85	39.5	57.
MANUFACTURING	193 317	39.5	78.50 72.00	DUPLICATING-MACHINE OPERATORS (MIMEOGRAPH OR DITTO)	100	39.0	73 50	SWITCHBOARD OPERATOR-RECEPTIONISTS-	611	39.5	78.
WHOLESALE TRADE	162	40.0	74.00		50	39.5	82.00	MANUFACTURING	315	39.5	79.
FINANCE3	61	39.0	73.50		50	39.0	65.00	NONMANUFACTURING	296	39.0	78.
								WHOLESALE TRADE	121	39.5	79.
CLERKS. ACCOUNTING. CLASS A	1,227			KEYPUNCH OPERATORS. CLASS A	627	39.0	87.00	FINANCE 3	58	38.0	81.0
MANUFACTURING	728		111.00	MANUFACTURING	362	39.5	89.50	TABULATING-MACHINE OPERATORS.		1	
PUBLIC UTILITIES2	499 181		104.50	PUBLIC UTILITIES2	265 51	38.5 40.0	91.50	CLASS A	202	40.0	120.
WHOLESALE TRADE	84		110.00	WHOLESALE TRADE	76	40.0	83.00	MANUFACTURING	143		122.
FINANCE3	124		106.00		. '*			NONMANUFACTURING	59	40.0	116.
	1			KEYPUNCH OPERATORS. CLASS B	884	39.5	79.00				1
CLERKS, ACCOUNTING, CLASS B	1,783	39.0	82.00	MANUFACTURING	370	39.5	81.00	TABULATING-MACHINE OPERATORS.			
MANUFACTURING	734	39.5	85.50 80.00	NONMANUFACTURING	514 139	39.5 40.0	77.00 91.50	MANUFACTURING	419 208	39.5	99.
PUBLIC UTILITIES2	217	39.5	86.50	WHOLESALE TRADE	179	39.5	74.50	NONMANUFACTURING	211	39.5	94.
WHOLESALE TRADE	335	40.0	84.00	FINANCE3	140	38.0	71.50	FINANCE3	72	38.5	97.
RETAIL TRADE	190	39.5	67.00							'	1
FINANCE 3	211	37.0	76.50	OFFICE BOYS AND GIRLS	580	39.5	67.00				
0150V0 5115 61456 4		39.0		MANUFACTURING	266	39.5	68.50	MANUFACTURING	177	39.5	86.
CLERKS, FILE, CLASS A	164	39.5	84.00 85.50	PUBLIC UTILITIES2	314 54	39.5 40.0	65.50 78.00	NONMANUFACTURING	63 114	40.0 39.0	95.0
NONMANUFACTURING	102	39.0	83.00	FINANCE3	141	39.0	64.50	FINANCE3	51	38.5	79.
FINANCE3	51	38.5	85.50	,	• • • •	37.0			-	1 2202	1
				SECRETARIES	3,109	39.0	105.00	TRANSCRIBING-MACHINE OPERATORS,			l
CLERKS, FILE, CLASS B	521	39.5	67.50	MANUFACTURING	1,708	39.5	109.50	GENERAL	429	39.5	76.
MANUFACTURING	171	39.5	68.50	NONMANUFACTURING	1,401	39.0	99.50	MANUFACTURING	233	39.5	78.0
NONMANUFACTURING	350	39.0	67.00	PUBLIC UTILITIES2	219	40.0	115.50	NONMANUFACTURING	196	39.5	75.0
WHOLESALE TRADE	119	38.0	63.50 65.50		245 124	39.5 39.5	97.50 91.50	LIMANCE	69	38.5	73.5
: IMMINE	103	30.0	67.30	FINANCE 3	592	38.0	96.50	TYPISTS, CLASS A	924	39.5	86.0
CLERKS. FILE. CLASS C	463	39.5	63.50			50.0	/5.70	MANUFACTURING	555	39.5	88.0
MANUFACTURING	155	39.5		STENOGRAPHERS, GENERAL	1,886	39.5	82.50	NONMANUFACTURING	369	39.0	83.
NONMANUFACTURING	308	39.5	59.50	MANUFACTURING	986	39.5	84.00	PUBLIC UTILITIES2	97	40.0	90.
PUBLIC UTILITIES2	42	39.5	67.50	NONMANUFACTURING	900	39.0	80.50	WHOLESALE TRADE	52	39.0	84.
WHOLESALE TRADE	51	40.0	58.00	PUBLIC UTILITIES2	303	40.0	91.00	FINANCE3	147	38.5	80.5
RETAIL TRADEFINANCE3	62	40.0	50.00	WHOLESALE TRADEFINANCE 3	185	40.0	81.00				
r i nance	122	39.0	62.00	LIMANCE	292	38.0	70.00				l .

# 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, Cleveland, Ohio, September 1964)

		Ave	rage .			Ave	erage			Ave	erage
Occupation and industry division	Number of workers	Weekly hours i (standard)	Weekly earnings <sup>1</sup> (standard)	Occupation and industry division	Number of workers	Weekly hours 1 (standard)	Weekly earnings <sup>1</sup> (standard)	Occupation and industry division	Number of workers	Weekly hours <sup>1</sup> (standard)	Weekly earnings 1 (standard)
OFFICE OCCUPATIONS - CONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS				PROFESSIONAL AND TECHNICAL OCCUPATIONS - CONTINUED			•
TYPISTS, CLASS B MANUFACTURING	2,313 974 1,339	39.5 39.5 39.0	70.00 74.50 66.50		489 413		156.50 155.50	DRAFTSMEN, CLASS C4	717 639		108.50
PUBLIC UTILITIES2	268 239	40.0		DRAFTSMEN. CLASS B4	1,086 859		134.00	DRAFTSMEN-TRACERS4	247 146	40.0	
RETAIL TRADE	115 627	39.5 38.5	58.00 65.00		227 46		139.00 132.50		101	40.0	
								NURSES, INDUSTRIAL (REGISTERED) MANUFACTURING	245 219		110.00

Standard hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.
 Transportation, communication, and other public utilities.
 Finance, insurance, and real estate.
 Description for this occupation has been revised since the last survey in this area. See appendix A.

# 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, Cleveland, Ohio, September 1964)

			Hourly e	arnings 1						ı	Numbe	r of w	orker		-	-		e hour		-	of—						_
Occupation and industry division	Number of				Under	\$ 1.90	2.00	2.10	\$ 2.20	\$ 2.30	\$ 2.40	2.50	\$ 2.60	\$ 2.70	\$ 2.80	\$ 2.90	\$ 3.00	\$ 3.10	\$ 3.20	3.30	\$ 3.40	\$ 3.50	\$ 3.60	\$ 3.70	.80	3.90	.00
decapation and madery, division	workers	Mean <sup>2</sup>	Median <sup>2</sup>	Middle range 2	1.90	and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	and
	<u> </u>		-	\$ \$	ļ	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00	3,10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	4.00	over
CARPENTERS, MAINTENANCE MANUFACTURING NONMANUFACTURING FINANCE 1	434 323 111 56			2.92- 3.48 3.03- 3.47 2.65- 4.19		-	:	4	5 5 -	10 - 10 9	3 3 -	11 11 -	29 11 18 12	19 16 3	26 17 9 3	8 6 2 2	59 53 6 6	45 24 21 20	48 44 4	30 30 -	39 39 -	61 61 -	6	1 -	:	1 -	29 - 329 -
ELECTRICIANS, MAINTENANCE  MANUFACTURING  NONMANUFACTURING	1,642 1,481 161	3.34 3.35 3.24		3.17- 3.62 3.18- 3.61 2.82- 3.65	=	-	1	5 5	11 11	2 2 -	14 12 2	3 3 -	14 10 4	90 74 16	44 35 9	61 61	64 61 3	150 146 4	242 242 -	87 70 17	224 223 1	142 129 13	444 370 74	19 19	13	10 10	2 1 1
ENGINEERS, STATIONARY	361 239 122		3.17 3.40 2.81		-	=	<u>2</u>	=	27 27	5 5	8 - 8	9 - 9	4 - 4	6 1 5	10 1 9	38 34 4	39 20 19	44 25 19	12 10 2	35 30 5	21 21	22 22	37 37	14 13 1	6 6 -	6 6 -	15 13 2
FIREMEN, STATIONARY BOILER	341 323		2.88	2.64- 3.18 2.66- 3.19	2 -	5 5	2	Ξ	9 5	12 12	34 31	10 9	28 28	26 24	52 47	30 30	23 23	31 30	34 34	5 5	25 25	13 13	=	=	=	=	=
HELPERS, MAINTENANCE TRADES MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES	848 793 55 32	2.60	2.58 2.58 2.47 2.49	2.46- 2.78	1 4	15 7 8	45 45 -	14 13 1	17 10 7 7				106 103 3	71 71 -	76 71 5	100 86 14 14	20	8 8 -	1 1 -	-	:	:	-	-	-	:	-
MACHINE-TOOL OPERATORS, TOOLROOM MANUFACTURING	1,129		3.36 3.36	3.04- 3.57 3.04- 3.57	-	-	2	5	=	4	4	12 12	28 28	23 23	35 35	123 123	119 119		114 114	91 91	142 142	161 161	135 135	31 31	25 25	5 5	30 30
MACHINISTS, MAINTENANCE MANUFACTURING	982 978		3.28 3.28	3.13- 3.51 3.13- 3.51	=	-	=	-	=	5 5	10 10	3 3	14 14	44 44	55 55	12 12	71 70	109 109	207 207	49 46	154 154	45 45	168 168	11 11	14 14	1	10 10
MECHANICS, AUTOMOTIVE (MAINTENANCE)	765 247 518 314	3.17	3.27 3.15 3.31 3.31	3.06- 3.42	-	=	=	=	1	1 1 -	7 - 7 7	17 8 9 7	22 2 20	9 5 4 3	13 12 1	21 14 7 7	102 32 70 15	92	118 8 110 93	5	41 32 9	45 36 9	:	5 - 5 5	-	-	-
MECHANICS: MAINTENANCE	1.787		3.28 3.26			-	-	-	5 5	27 25	81 81	21 17	26 24	128 125	104 104	137 133	116 107	108 108	181 181	184 170	157 150	170 92	280 280	25 24	18 18	19 19	-
MILLWRIGHTS	1,085		3.45 3.45	3.13- 3.55 3.13- 3.55		-	-	:	=	:	=	15 15	52 52	24 24	19 19	45 45	66 66	151 151	85 85	30 30	116 116	444 444	38 38	-	=	=	:
DILERS			2.85 2.85	2.67- 2.95 2.67- 2.95		-	:	6 6	3	8	41 41	18 18	34 34	44 44	87 87	120 120	8	12 12	4	-	17 17	=	=	:	=	=	=
PAINTERS, MAINTENANCE	196	3.19	3.14 3.25 2.64 2.68	2.76- 3.42 2.98- 3.44 2.23- 2.98 2.58- 2.95	=	- - -	:	24 24 2	:	5 1 4	16 12 4 4	11 1 10 10	15 15 15	4 4 -	2 -	56 35 21 21	7 7 -	18 18 -	42 40 2 2	11	43 39 4	19 19 -	2 -	9 6 3 -	-	1 -	7 7 7
PIPEFITTERS, MAINTENANCE	671 670		3.35 3.35	3.08- 3.52 3.08- 3.52		-	=	-	-	6 6	26 26	-	-	39 39	6 6	13 13	99 99	41 41	63 63	93 92	77 77	205 205	-	2	1	-	-
SHEET-METAL WORKERS, MAINTENANCE MANUFACTURING		3.31 3.37	3.49 3.51	3.18- 3.55 3.31- 3.56		-	-	-	-	-	10 10	-	:	14	-	1	:	13 13	4	16 16	13 13	65 65	3 3	:	=	-	-
TOOL AND DIE MAKERS			3.68 3.68	3.44- 3.80 3.44- 3.80		-	-	-	-	-	-	1	9	-	16 16	43 43	83 83	44	94 94			179 179		457 457		158 158	10 10

Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

For definition of terms, see footnote 2, table A-1.

Workers were distributed as follows: 2 at \$4,10 to \$4,20; 3 at \$4,20 to \$4,30; 4 at \$4,40 to \$4.50; 5 at \$4,50 to \$4.60; and 15 at \$4.70 to \$4.80.

Finance, insurance, and real estate.

Transportation, communication, and other public utilities.

# Table A-5. Custodial and Material Movement Occupations

(Average straight-time hourly earnings for selected occupations studied on an area basis by industry division, Cleveland, Ohio, September 1964)

			Hourly ea	arnings <sup>2</sup>	1					ļ	Numbe	r of w	vorker	s rece	iving	straig	ht-tin	e hour	ly ear	nings	of—						_
Occupation 1 and industry division	Number of workers	Mean <sup>3</sup>	Median <sup>3</sup>	Middle range <sup>3</sup>	Under \$	and		\$ 1.30		1.50							\$ 2.20 -			\$ 2.50 -	\$ 2.60 -	2.70		\$ 3.00 -	3.20	3.40	and
					1			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	3.00	3.20	3.40	3.60	over
ELEVATOR OPERATORS, PASSENGER (MOMEN) NONMANUFACTURING RETAIL TRADE	170 168 71	\$ 1.30 1.28 1.23	1.25	1.22- 1.29	-		115 115 35	14 14 14	:	:	2 2 -	5 5 -	9 9 -	=	:	-	3	=	:	:	=	-	-	:	=	:	- -
GUARDS AND WATCHMEN	1,855 967			1.29- 2.74		7	507	59 8	41 6	39 8	14	47 30	108	33 20	57 47	89 79	71 47	25 20	103 91	90 83	62 56	125 109	329 298	56 56	-	-	-
GUARDS: MANUFACTURING	711	2.68	2.79	2.53- 2.91		-	-	-	-	-	-	4	8	1	26	48	29	13	39	35	54	109	289	56	-	-	-
WATCHMEN: MANUFACTURING	256	2.19	2.25	1.98- 2.49	-	-	-	8	6	8	1	26	-	19	21	31	18	7	52	48	2	-	9	-	-	-	-
JANITORS, PORTERS, AND CLEANERS MANUFACTURING PUBLIC UTILITIES MHOLESALE TRADE RETAIL TRADE FINANCE 5	2,080	2.39 1.77 2.21 1.92 1.50	2.46 1.82 2.24 1.96 1.55	1.58- 1.89 1.96- 2.50 1.65- 2.17 1.27- 1.68	23	81 81 - 55	98 6 92 - - 54	48 14 34 - - 24	52 5 47 - 13 34	117 1 116 21 13 68 5	159 24 135 2 18 97 4	138 38 100 9 8 48 13	651 138 513 7 11 14 223	73 48 25 3 14 2	167 79 88 5 14 2	216 168 48 20 24 1	280 238 42 34 6 1	242 207 35 7 8 2	155 125 30 14 4 1	243 219 24 16 6 2	505 496 9 3 3	202 188 14 10 - 4	97 84 13 9 - 4	2 2	-	-	-
JANITORS, PORTERS, AND CLEANERS (WOMEN) MANUFACTURING NOMMANUFACTURING RETAIL TRADE FINANCE <sup>5</sup>	325 2,259 105	2.05 1.60 1.24	2.00 1.61 1.24		21 6	47 47 30	79 16 63 40	28 11 17 17	3	3	999 11 988 	206 18 188 - 76	59 27 32 -	87 75 12	41 41 -	27 25 2	26 16 10	21 21 - -	3 1 2 -	10 9 1 -	26 26 - -	22 22 -	-	:	:	-	-
LABORERS, MATERIAL HANDLING MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES MHOLESALE TRADE RETAIL TRADE	3,112	2.56 2.61 2.93 2.32	2.75 3.12 2.33	2.32- 2.87 2.33- 2.78 2.28- 3.11 2.49- 3.16 1.91- 2.59 2.29- 2.98	-	15 15	53 - 53 - 3 50	35 20 15 - 3 12	10 10 -	44 9 35 - 25	39 2 37 - 16 19	54 21 33 9 4 18	237 70 167 7 148 12	119 62 57 	76 52 24 2 15 4	185 139 46 	433 319 114 27 78 3	309 245 64 21 42	353	415 264 151 5 104 39	505 469 36  24 12	530 370 160 3 68 89	815 523 292 64 4 224	826 22 804 571 77 156	172 168 4 3 -	1	3
DRDER FILLERS	671	2.63	2.67	2.23- 2.75 2.42- 2.80 2.06- 2.72 2.08- 2.64	=	-	5 5 -	:	1 1 -	21 6 15 7	65 7 58 38	71 11 60 25	26 13 13 12	29 9 20 19	109 16 93 92	35 9 26 25	82 10 72 72		199 59 140 140	130 39 91 80	159 127 32 30	321 129 192 143	122 67 55 15	59 57 2	31 31 -	7 7 -	1 -
PACKERS, SHIPPING MANUFACTURING NONMANUFACTURING WHOLESALE TRADE		2.57 2.18	2.61	2.30- 2.75 2.37- 2.78 1.94- 2.50 1.98- 2.51	-	:	6 6 3	4 - 4 -	1	8 6 2 -	18 11 7 7	34 6 28 27	26 18 8 7	28 4 24 23	8 <i>2</i> 74 8 8	68 25 43 41	43 26 17 16	151 120 31 31	114 97 17 17	150 105 45 45	132 132	205 185 20 20	130 128 2 2	53 53 -	10 10 -	3 3 -	13 13 -
PACKERS, SHIPPING (WOMEN) MANUFACTURING NONMANUFACTURING	644 514 130	2.10	2.08		-	13 - 13	50 20 30	18 5 13	55 50 5	19 16 3	8 8 -	30 30 -	38 38 -	74 18 56	92 92 -	69 59 10	26 26 ~	16 16	4 4 -	6 6 -	76 78 -	23 23	8 8 -	17 17	:	=	-
RECEIVING CLERKS	526 306 220 123 89	2.55 2.44 2.50	2.62 2.53 2.53	2.17- 2.89 2.20- 2.91 2.04- 2.86 2.31- 2.74 1.59- 3.04	=	=======================================	13 13 	3 - 3 - 3	:	12 5 7 - 7	8 5 3 - 3	25 9 16 7 9	10 3 7 3 4	20 17 3 2	23 14 9 6 3	25 25 - -	28 16 12 12	17 6 11 8 1	34 19 15 15	64 30 34 33	25 24 1 -	31 10 21 17 4	116 93 23 14	57 26 31 -	7 7 6 1	6 4 2 -	2 - 2
SHIPPING CLERKS MANUFACTURING NONMANUFACTURING WHOLESALE TRADE	478 355 123 101	2.70	2.83	2.34- 2.93 2.54- 2.95 2.03- 2.69 2.02- 2.55	-	-	1	1	:	4 1 3 3	=	8 - 8 8	24 12 12 11	8 8 -	26 5 21 21	18 16 2 2	22 10 12 12	19 12 7 7	13 5 8 8	60 49 11 9	45 38 7 6	15 9 6 5	171 157 14 9	23 17 6 -	18 16 2 -	=	2 -

# 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, Cleveland, Ohio, September 1964)

			Hourly ea	rnings <sup>2</sup>							Numb	er of w	orker	s rece	eiving	straiş	ght-tim	e hour	ly ear	nings	of-						
Occupation 1 and industry division	Number of workers	Mean <sup>3</sup>	Median <sup>3</sup>	Middle range <sup>3</sup>	Under \$ 1.10	and under	. <del>-</del>	-	1.40	-	1.60 -	1.70 -	-	1.90 -	2.00	2.10 -	2.20 -	2.30	2.40	2.50	2.60	2.70	2.80	-	-	3.40	and
SHIPPING AND RECEIVING CLERKS MANUFACTURINGNONMANUFACTURING	165	2.76	2.82	\$ \$ 2.42- 2.93 2.55- 2.98 2.21- 2.89	1 -	=	3	3 - 3	=	1 - 1	3 - 3	5 - 5	=	7 7 -	8 4 4	13 5 8	10 4 6	10 4 6	25 12 13	18 11 7	12 8 4	19 18 1	81 54 27	29 29 -	8 1 7	2 - 2	17 8 9
TRUCKDRIVERS 6  MANUFACTURING	722 2,917 1,757 648	2.90 3.09 3.18 3.05	2.86 3.21 3.24 3.12	2.96- 3.25 2.70- 3.21 3.05- 3.26 3.20- 3.27 3.05- 3.19 2.94- 3.24	-	-	-	-	5 - 5 - 5	-	:	3 3 -	13 1 12 3 6	3 2 1 1	79 9 70 1 -	15 12 3 - 2 1	48 6 42 - 42	15 12 3 1	47 21 26 26	66 58 8 6 2	142 59 83 5 -	139 136 3 3	145	61 667 184 437	175 1659 1379	11 10 - 6 4	13
TRUCKDRIVERS, LIGHT (UNDER 1-1/2 TONS) MANUFACTURING NONMANUFACTURING	123	2.76	2.65	2.60- 3.01 2.53- 3.29 2.63- 3.01	-	=	:	=	5	:	=	3 - 3	12	1	74 6 68	2 1 1	5 5 -	9 8 1	2 2 -	37 30 7	86 19 67	15 15	5	209 1 208	79 31 48	:	-
TRUCKDRIVERS, MEDIUM (1-1/2 TO AND INCLUDING 4 TONS) MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES MHOLESALE TRADE RETAIL TRADE	223 1,089 831 144	2.74 3.14 3.16 3.19	2.75 3.21 3.22 3.21	2.96- 3.25 2.63- 2.94 3.07- 3.25 3.10- 3.26 3.15- 3.25 2.91- 3.00	-	-	-	-	:	:	:	-	1	2 2	4 2 2 - -	10 10 - - -	-	2 - 2	21 18 3 3	13 12 1 1	52 36 16 4	60 57 3 3	51 204	276 11 265 173 68 24	23	:	-
TRUCKDRIVERS. HEAVY (OVER 4 TONS, TRAILER TYPE) MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES	1,292 271 1,021	3.09	3.06	3.17- 3.27 2.79- 3.25 3.20- 3.27 3.23- 3.26	-	-	- - -	-	-	=	-	:	=	-	-	2 -	12 - 12	3 3 -	-	12	-	56 56 -	49	221 40 181	97	11 1 10	13
TRUCKDRIVERS, HEAVY (OVER 4 TONS, OTHER THAN TRAILER TYPE)	337	3.09 3.09		2.98- 3.27 2.99- 3.27		=	-	=	=	-	-	-	-	-	=	=	30 30	:	-	=	=	2	64 47	6 2		:	-
TRUCKERS, POWER (FORKLIFT) MANUFACTURING NONMANUFACTURING WHOLESALE TRADE	1,617 298	2.74	2.81	2.61- 2.88 2.56- 2.81 2.83- 3.04 2.81- 2.81	( :	-	=	-	=	=	-	:	=	8 - -	51 43 8 8	43 43 -	85 85 -	45 45 -	116 115 1	125 117 8 8	83 73 10 10	220 .219 1	825 653 172 151	244 150 94	54	3 3 -	9 9 -
TRUCKERS, POWER (OTHER THAN FORKLIFT)				2.49- 2.88 2.67- 2.96		-	:	:	:	:	:	Ξ	-	Ξ	2	2 2	6	11 5	152 29	58 57	29 28	91 91		24 24		5 5	46 46

Data limited to men workers except where otherwise indicated.

Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

For definition of terms, see footnote 2, table A-1.

Transportation, communication, and other public utilities.

Finance, insurance, and real estate.

Includes all drivers 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, Cleveland, Ohio, September 1964)

			Inexper	ienced ty	pists				Other is	nexperie	nced cler	ical workers	2	
		Man	ufacturin	g	Nonma	anufactur	ing		Man	ufacturii	ng	Nonm	anufactu:	ring
Minimum weekly straight-time salary 1	All industries	Ва	ased on s	tandard v	weekly hours	3 of—		All industries	F	Based on	standard	weekly hour	s³ of—	
		All schedules	37 <sup>1</sup> / <sub>2</sub>	40	All schedules	37 <sup>1</sup> / <sub>2</sub>	40		All schedules	37 <sup>1</sup> / <sub>2</sub>	40	All schedules	371/2	40
Establishments studied	315	158	xxx	жжх	157	xxx	жжж	315	158	жж	жхх	157	xxx	жж
Establishments having a specified minimum	149	92	12	77	57	11	40	171	98	13	82	73	12	54
\$45.00 and under \$47.50	2 - 10 11 8 24 20 21 17 10 8 2 2 3 - 2 - 9 9 - 2	1	5 4 1	4 1 1 7 9 17 15 5 5 - 1	1 6 10 7 10 6 3 2 4 3 2 2 	1 2 2 3 1 1 2 2	1 5 7 5 4 5 1 1 4 2 2 2	8 - 19 15 10 29 15 20 16 11 8 3 3 2 2 - 8 8 - 2	1 - 7 3 2 20 110 117 15 6 3 2 1 1 1 1 - 7 7 - 2	1	7 2 2 9 9 16 15 3 2 1 1 1	7 -2 12 8 9 5 3 1 5 5 1 1 -	3 2 2 1 2 2	7 - 8 9 5 5 6 3 1 1 4 4 1 2 2 1 1 - 1
Establishments having no specified minimumEstablishments which did not employ workers	75	37	xxx	xxx	38	xxx	жж	85	41	xxx	xxx	44	xxx	xxx
in this category	91	29	xxx	xxx	62	ххх	ххх	59	19	ххх	ххх	40	жж	жж

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

Excludes workers in subclerical jobs such as messenger or office girl.

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, Cleveland, Ohio, September 1964)

		Percent of manufactu	ring plant workers-	-
Shift differential	In establishmer provisio	nts having formal	Actually w	orking on-
	Second shift work	Third or other shift work	Second shift	Third or other shift
Total	94.7	85.2	19.5	6.0
With shift pay differential	92.4	84.5	19.2	5.9
Uniform cents (per hour)	56.6	51,3	11.9	4.8
5 cents	7.3	1.4	1.1	.1
6 cents	.7	-	.2	
7 cents	•7	.8	.2	(2)
7 <sup>1</sup> / <sub>2</sub> cents	.4	-	.2	-
8 cents	14.0		3.4 (²)	(2)
81/4 cents	.3 .3	.3	.1	(²)
8 <sup>1</sup> / <sub>2</sub> cents	2.5	.7	.7	(2)
9 cents	12.7	8.7	2.2	(²)
10 <sup>1</sup> / <sub>2</sub> cents	12.7	3	2.2	( <sup>2</sup> )
11 cents	.8	.4	.2	(*)
12 cents	10.7	16.5	2.7	2.9
14 cents	.7	.2	1 -: 1	(2)
14 <sup>1</sup> / <sub>2</sub> cents	.4	1 :	1	\ '_'
15 cents	3.9	15.7	.6	.8
16 cents	J.,	.1.4	1	i
17 cents	-	2.5	1 -	.1
18 cents	-	.4	i -	(2)
19 cents	-	.4	_	(2)
21 <sup>1</sup> / <sub>2</sub> cents and over	1.2	1.6	. 1	`.1
Uniform percentage	33.4	29.3	6.9	1.1
5 percent	18.8	.3	3.9	( <sup>2</sup> )
7 percent	2.4	1.0	.4	( <sup>2</sup> )
71/2 percent	-	1.8	-	.2
8 percent	1.4	-	.5	-
10 percent	10.2	26.1	1.9	.8
15 percent	.7	.1	.2	(2)
Other formal pay differential	2,5	3.9	.4	.1
With no shift pay differential	2.3	.7	.3	.1
With no shift pay differential	2.3	.7	.3	.1

<sup>&</sup>lt;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 office and plant workers in all industries and in industry divisions by scheduled weekly hours of first-shift workers, Cleveland, Ohio, September 1964)

			OFFICE V	VORKERS				Pl	LANT WORKER	8	
Weekly hours	All industries	Manufacturing	Public 2 utilities	Wholesale trade	Retail trade	Finance <sup>3</sup>	Ali industries <sup>4</sup>	Manufacturing	Public utilities 2	Wholesale trade	Retail trade
All workers	100	100	100	100_	100	100	100	100	100	100	100
Under 35 hours  35 hours  Over 35 and under 37 <sup>1</sup> / <sub>2</sub> hours  37 <sup>1</sup> / <sub>2</sub> hours  Over 37 <sup>1</sup> / <sub>2</sub> and under 40 hours  40 hours  Over 40 and under 45 hours  45 hours  Over 45 hours	- 2 2 17 4 75 1	16 2 82 -	- - 3 1 96	- - 5 3 91 -	3 1 11 85	7 8 36 12 35 2	1 1 ( <sup>5</sup> ) 4 87 2 1 2	2 6 86 2 1 2	90 2 5 3	- - 2 92 6 -	2 - 3 - 94 - 1

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

Transportation, communication, and other public utilities.
Finance, insurance, and real estate.
Includes data for real estate and services in addition to those industry divisions shown separately.

Less than 0.5 percent.

Table B-4. Paid Holidays

(Percent distribution of office and plant workers in all industries and in industry divisions by number of paid holidays provided annually, Cleveland, Ohio, September 1964)

	!		OFFICE	WORKERS				P	LANT WORKER		
Item	All industries l	Manufacturing	Public 2 utilities 2	Wholesale trade	Retail trade	Finance 3	All industries 4	Manufacturing	Public 2 utilities	Wholesale trade	Retail trade
All workers	100	100	100	100	100	100	100	100	100	100	100
Workers in establishments providing paid holidays	99 ( <sup>5</sup> )	99 ( <sup>5</sup> )	100	100	100	100	98 2	99	97 3	100	98
Number of days  Less than 6 holidays 6 holidays plus 1 half day	(5) 32 5 11 - 24 7 12 (5) 5 (6) 2 1 (5)	(5) 16 5 19 24 12 17 1 6 (5)	19	47 5 10 18 3 14 -	71 4 3 19 - - - -	60 10 1 3 1 2 - 9 2 6 4 2	1 23 2 14 28 7 15 ( <sup>5</sup> ) 7	1 9 2 20 32 10 14 1 10 (5)	22 - - - 69 - - - - -	51 4 3 16 2 14 3 -	5 59 1 - 8 25 - - -
12 days	( <sup>5</sup> ) 1 3 8 8 27 62 67 99 99 99	(5) 6 7 36 79 83 99 99	9 81 81 100 100 100	1 2 2 19 48 53 100 100 100	2 25 29 100 100 100	2 8 13 22 22 26 31 40 100 100 100	1 8 8 30 72 74 97 98 98	(5) 11 11 36 88 89 99 99	- - - 6 75 75 97 97	- 6 9 25 45 49 100 100 100	25 32 33 92 92 92 96 98

Includes data for services in addition to those industry divisions shown separately. Transportation, communication, and other public utilities. Finance, insurance, and real estate.

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

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

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

(Percent distribution of office and plant workers in all industries and in industry divisions by vacation pay provisions, Cleveland, Ohio, September 1964)

			OFFICE V	VORKERS				P	LANT WORKE	18	
Vacation policy	All industries	Manufacturing	Public 3 utilities	Wholesale trade	Retail trade	Finance 4	All industries 5	Manufacturing	Public 3 utilities	Wholesale trade	Retail trade
All workers	100	100	100	100	100	100	100	100	100	100	100
Method of payment											
Workers in establishments providing paid vacations  Length-of-time payment Percentage payment Flat-sum payment Other Workers in establishments providing no paid vacations	100 99 (6) - -	100 99 ( <sup>6</sup> ) - -	100 100 - - -	100 100 - - -	100 100 - - -	100 100 - - -	99 91 7 1 1	100 89 9 1 1	100 100 - - -	100 100 - - -	99 96 3 - -
Amount of vacation pay 7											
After 6 months of service  Under 1 week  1 week  Over 1 and under 2 weeks	4 45 15	4 56 13	18 12	1 48 14	13	8 34 27	16 7 2	21 5 1	10 13	20 3	- 9 -
2 weeks	1	1	-	-	-	-	1	1	-	-	-
After 1 year of service							(6)	}			
Under 1 week	18 (6) 81 1 (6)	6 1 91 1 1	52 47 -	32 - 68 I	84 - 16 -	6 (6) 94 -	(6) 82 4 11 1 2	82 6 7 1	71 27 2	74 - 23 2	91 - 8
After 2 years of service  1 week  Over 1 and under 2 weeks  2 weeks  Over 2 and under 3 weeks	3 2 93 1	3 96	6 16 77	8 - 92 1	3 97	(6) 100	52 14 30 1	61 19 16 1	41 7 50	22 8 67 2	33 67
3 weeks	1	1	1	-	-	-	2	3	2	-	-
After 3 years of service  1 week  Over 1 and under 2 weeks  2 weeks  Over 2 and under 3 weeks  3 weeks	1 ( <sup>6</sup> ) 96 2 2	1 - 95 2 2	3 - 96 - 1	- - 99 1	100	(6) 100	14 28 53 1 3	18 40 37 1 4	1 1 96 - 2	5 7 86 2	5 - 95 -
After 4 years of service  1 week  Over 1 and under 2 weeks  2 weeks  Over 2 and under 3 weeks	1 ( <sup>6</sup> ) 96 2 2	1 95 2 2	3 96 - 1	- 99 1	100	(6) 100 -	12 27 56 2 3	15 38 41 2 4	1 1 96 - 2	5 7 86 2	5 - 95 -
After 5 years of service  1 week  Over 1 and under 2 weeks  2 weeks  Over 2 and under 3 weeks  3 weeks	( <sup>6</sup> ) 87 4	- - 89 5 6	- 99 - 1	96 1 3	- - 58 - 42	- 83 4 13	(6) (6) 84 5	1 86 7 6	- 98 - 2	1 - 92 2 5	60

Table B-5. Paid Vacations 1—Continued

(Percent distribution of office and plant workers in all industries and in industry divisions by vacation pay provisions, Cleveland, Ohio, September 1964)

			OFFICE W	ORKERS				PL	ANT WORKER	8	
Vacation policy	Ali industries	Manufacturing	Public 3 utilities	Wholesale trade	Retail trade	Finance 4	All 5 industries	Manufacturing	Public 3 utilities	Wholesale trade	Retail trade
Amount of vacation pay 7—Continued				-							
After 10 years of service	}	]								1	ŀ
1 week	_	1 - 1	_	l <u>-</u>		_	(6)	1 - 1	_	1 1	
2 weeks	36	31	36	41	24	51	l 2`8′	25	43	38	15
Over 2 and under 3 weeks	9	16	-	11	-	1	29	41	2	10	
3 weeks	54	52	64	48	76	48	42	33	54	51	84
4 weeks	(6)	(6)	-	-	-	-	(6)	(6)	-	-	-
After 12 years of service	i										
l week	<u>-</u>		-	_	_	-	(6)	-	-	1	-
2 weeks	32	26	36	35	24	48	21	18	26	31	13
Over 2 and under 3 weeks	11	19	-	16	- 1	1	32	46	2	10	-
3 weeks	56	54	64	48	76	52	46	36	71	58	86
Over 3 and under 4 weeks	-	- 1	-	-	-	-	(6)	1 1	-	-	_
4 weeks	(6)	(6)	+	-	-	-	( <sup>6</sup> )	(6)	-	-	-
After 15 years of service											
2 weeks	7	6	9	1 7	18	(6)	l g	5	-	14	10
Over 2 and under 3 weeks	_		· -	l -	_	`-′	l i	1 1	_	_	
3 weeks	89	87	91	89	81	99	84	86	100	78	89
Over 3 and under 4 weeks	3	5	-	3	-	1	5	7	_	2	_
4 weeks	1	2	-	-	1	-	1	1	-	6	-
After 20 years of service								ļ			
2 weeks	6	4	9	7	18	(6)	8	4	_	14	8
Over 2 and under 3 weeks	_		1	1 1	1	\_'	l ĭ	l i i	_	1 **	1 .
3 weeks	63	52	60	68	73	88	61	64	53	57	61
Over 3 and under 4 weeks	4	8	_	3	-	-	7	9	1	2	"
4 weeks	26	35	30	21	9	11	23	20	46	28	30
Over 4 weeks	(6)	(6)	-	-		-	1	1	-	{	1
After 25 years of service	` ,									1	
<del></del> ,	_	. !		,		(6)	1	1 , 1			1
2 weeks	5	4	9	6	18	( <sup>6</sup> )	8	4	-	12	8
Over 2 and under 3 weeks	-	1 1	-			65	1	1		-:	1
3 weeks	42	34	27	58	47	65	34	31	26	51	48
Over 3 and under 4 weeks	1	2	-	3-	3.5		4	5	2	l . <del>.</del>	l . <del>.</del>
4 weeks	50 2	58 3	64	36	35	34 1	51 2	56	72	31	43
	2		_	_	_	•	-	1	-	"	_
After 30 years of service	_	i . i	_	,		165		, ,			
2 weeks	5	4	9	6	18	(6)	8	4	-	12	8
Over 2 and under 3 weeks		-		1 -:	1 .= 1	· .:	1	1	-:	-	l . <del>.</del>
3 weeks	42	34	27	58	47	61	34	30	26	51	48
Over 3 and under 4 weeks	1	2	, <del>.</del>	l	ا :. ا	.:	4	5	2	1	
4 weeks	51	58	64	36	35	38	51	55	72	31	43
Over 4 weeks	2	3	-	l -	- 1	1	3	4	-	16	

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.

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

Transportation, communication, and other public utilities.

Finance, insurance, and real estate.

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

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

Less than 0.5 percent.

Includes payments 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 arbitrarily chosen and do not necessarily reflect the individual provisions for progressions. For example, the changes in proportions indicated at 10 years' service include changes in provisions occurring between 5 and 10 years.

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

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

(Percent of office and plant workers in all industries and in industry divisions employed in establishments providing health, insurance, or pension benefits, 1 Cleveland, Ohio, September 1964)

			OFFICE	WORKERS			<u> </u>	P:	LANT WORKER	8	
Type of benefit	All industries <sup>2</sup>	Manufacturing	Public utilities 3	Wholesale trade	Retail trade	Finance <sup>4</sup>	All industries <sup>5</sup>	Manufacturing	Public 3 utilities 3	Wholesale trade	Retail trade
All workers	100	100	100	100	100	100	100	100	100	100	100
Workers in establishments providing:											
Life insurance	97	98	96	98	93	96	98	98	100	99	94
insurance Sickness and accident insurance or	64	66	61	68	21	72	61	66	55	67	41
sick leave or both 6	73	85	71	85	82	42	92	95	75	96	86
Sickness and accident insurance Sick leave (full pay and no	49	69	12	67	65	9	86	95	30	77	77
waiting period)Sick leave (partial pay or	49	62	35	37	17	39	6	2	28	33	5
waiting period)	6	1	36	2	17	-	4	2	25	4	7
Hospitalization insurance	86 83	93 90	97 97	73 72	63 57	78 75	88 88	94	100 100	89 83	66
Surgical insurance	83 62	67	97 95	43	15	75 52	1 88 58	94 70	71	83 45	63 17
Catastrophe insurance	53	48	87	41	26	62	21	18	66	36	15
Retirement pension	82	90	68	53	67	87	81	90	75	57	71
No health, insurance, or pension plan	1	1	-	(*)	4	1	2	1	-	-	3
							}				
								}			

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

<sup>6</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>7</sup> Less than 0.5 percent.

Table B-7. Paid Sick Leave

(Percent distribution of office and plant workers in all industries and in industry divisions by formal sick leave provisions, Cleveland, Ohio, September 1964)

			OFFICE V	VORKERS				P	LANT WORKE	2.8	
Sick leave provision	All industries 1	Manufacturing	Public 2 utilities	Wholesale trade	Retail trade	Finance 3	All industries	Manufacturing	Public z utilities 2	Wholesale trade	Retail trade
All workers	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Workers in establishments providing	54.0	63.3	70.5	38.6	33.8	38.4	9.8	3.1	53.0	37.1	11.0
formal paid sick leave											11.9
no formal paid sick leave	46.0	36.7	29.5	61.4	66.2	61.6	90.2	96.9	47.0	62.9	88.1
Type and amount of paid sick leave provided annually											į
Uniform plan: 5								]			
No waiting period	22.8	20.4	8.1	34.8	13.3	35.6	3.7	1.3	6.9	28.0	2.7
Full pay 6	20.5	18.6 4.0	8.1	33.9 21.1	13.3 6.5	30.0	3.5	1.3	6.9	27.1	2.7
5 days	1.4	1.2	2.9	.8	6.8	2.7	2.3	1 1	-	18.7	.9
6 days 10 days	3.8	4.9	4.6	7.7	0.8	-	.5	.1	1,5	2.4	1.7
12 days		4.9	.6	'.'		22.1	.3	-	5.4	-	-
20 days	2.2	3.7	.0	3.0		22.1	1		2.4	] [	-
Full pay plus partial pay 6	2.3	1.7	-	.9		5.6	.2	1 ]		.9	1 -
5 days	1 .9	1 ""	-	.9	1 [	3.8	1 .2	1 1			-
Waiting period	.9	1.5	•	) <u>'</u>	1.1	-	1.0	1.0	-	.4	1.0
Graduated plan 5-After 1 year of service;	}	1 1					ļ	{			
No waiting period	24,2	41.5	15.7	1.9	3,2	1.4	1.6	.3	11.8	5.4	2.3
Full pay	19.4	35.3	3.3	1.9	.4	1.4	1.0	.3	1.7	5.4	2.3
5 days		6.2	-	-	.4	l . <b>-</b> .	.1	) - (	-	-	1.0
10 days	8.9	15.7	2.0	1.9	-	1.4	.7	.3	-	5.4	1.3
40-50 days Full pay plus partial pay <sup>6</sup>	2.9	5.5	12.2	-	3.0	-	-	- 1	10.1	-	-
ruli pay plus partial pay	4.7 1.3	6.2	12,3 12,3	-	2.8	-	.6	-	10.1 10.1	i -	-
Waiting period		1 - 1	46.4	1.9	16.1	1.5	3.4	.5	32.6	3.2	6.0
Full pay	1.5	] [	4.6	1.9	16.1	1.5	.9	.,	1.3	3.2	6.0
Full pay plus partial pay	1.9	1 [	8.7	]	10.1	1.5	1 .7	.5	6.3	-	0.0
Partial pay only	3.8	-	33.1	1.9	_	_	1.8	-	25.0	3.2	] [
Graduated plan 5-After 10 years of service;		)						1			
No waiting period	29.7	41.5	57.5	1.9	19.3	2.8	4.5	.3	43.2	5.4	8.2
Full pay 6	17.5	31.5	3,3	1.9	.4	1.4	.9	.3	1.7	5.4	2,3
20 days	5.0	9.1	-	,-	-	1.2	-	-	-	l	ļ ,-
130 days	1.9	3.3	-	1.9	i -	-	.7	.3	-	5.4	1.3
80–90 daysFull pay plus partial pay		9.9	54.2	_	18.9	1.5	3.5	(7)	41.5	-	, - <u>,</u>
50 days		9.9	54.4	-	16.1	1.5	.9			1 -	6.0
60 days		-	8.7	-	10.1	1.5	.4	- 1	6.3	-	6.0
63 days			12.3		1 -	-	.6		10.1	1	_
65 days		3.2	33.1	[	1 ]		1.6	-	25.0	:	, -
Waiting period		"."	4.9	1.9	1 [	-	1.0	.5	3.0	3.2	
Full pay		[	4.6	1 ~:′	1 -	[	1 .1	1 : 1	1.3	3.2	
Full pay plus partial pay		- 1	.3	1.9	1 -	_	1 .6	.5	1.7	3.2	1 -
Provisions for accumulation	1		*-		1		1	"			_
Workers in establishments having	1	1 1									
provisions for accumulation		1					1			!	1
of unused sick leave	6.5	2.6	.8	6.1	3,4	22.0	1.0	1 .1	6.9	10.2	
Or whose prox roure against the second	1 5.5	l <b>-</b>	••	١	1	1	1.0	1	0.7	10.2	

- Includes data for services in addition to those industry divisions shown separately.
- Transportation, communication, and other public utilities.
- Finance, insurance, and real estate.
- Includes data for real estate and services in addition to those industry divisions shown separately.

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

  "Uniform plans" are defined as those formal plans under which an employee, after 1 year of service, is entitled to the same number of days' paid sick leave each year.

  "Graduated plans" are defined as those formal plans under which an employee's leave varies according to length of service. Periods of service were arbitrarily chosen. Estimates reflect provisions applicable at the stated length of service but do not reflect provisions for progression. Thus, the proportion receiving 15 days sick leave after 10 years of service may also receive this amount after greater or lesser lengths of service.

  May include provisions other than those presented separately. Numbers of days shown under "Full pay plus partial pay" are days for which workers receive sick leave at full pay; workers are entitled to additional days of sick leave at partial pay.

  Tess than 0.05 percent.
- - Less than 0.05 percent.

Table B-8. Profit-Sharing Plans

(Percent of office and plant workers in all industries and in industry divisions employed in establishments providing profit-sharing plans, 1 by type of plan, Cleveland, Ohio, September 1964)

			OFFICE W	ORKERS				P	LANT WORKER	8	
Type of plan	All industries 2	Manufacturing	Public 3 utilities 3	Wholesale trade	Retail trade	Finance 4	All 5 industries 5	Manufacturing	Public 3 utilities 3	Wholesale trade	Retail trade
All workers	100	100	100	100	100	100	100	100	100	100	100
Workers in establishments providing profit-sharing plans	22	19	-	9	45	46	11	9	-	8	26
Plans providing for current distribution	3	3	-	4	13	4	3	3	-	1	8
Plans providing for deferred distribution	12	16	-	5	32	8	7	5	-	7	19
Plans providing for both current and deferred distribution	7	1	-	-	-	34	( <sup>6</sup> )	(6)	-	-	-
Plans providing for employee's choice of method of distribution	(6)	-		-	-	-	-	-	-	-	-
Workers in establishments providing no profit-sharing plans	78	81	100	91	55	54	89	91	100	92	74

1 The study was limited to formal plans (1) having established formulas for the allocation of profit shares among employees; (2) whose formulas were communicated to the employees in advance of the determination of profits; (3) that represent a commitment by the company to make periodic contributions based on profits; and (4) in to the employees in advance of the determination of profits; (3) that represent a commitment by the compa which eligibility extends to a majority of the office or plant workers.

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

Transportation, communication, and other public utilities.

Finance, insurance, and real estate.

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

6 Less than 0.5 percent.

# Appendix A. Changes in Occupational Descriptions

Since the Bureau's last survey, occupational descriptions for draftsman and switchboard operator were revised in order to obtain salary information for more specific categories.

Switchboard operator. The revised description for switchboard operator arranges these workers into two defined classes (A and B) instead of a single category, clarifying the criteria of types of calls handled and types of information provided. The combination of class A and class B data, where both are published, is comparable to the single designation, if previously published.

<u>Draftsman.</u> The revised descriptions for draftsman (class A, B, and C; and draftsman-tracer) replace the previous designations for draftsman (leader, senior, and junior; and tracer) and emphasize the distinction between drafting and design skills. Therefore, if data are presented for any of these occupations, such data are not comparable to data previously published. In areas where current employment and earnings information was collected largely by mail this year and will be collected by a personal visit by Bureau field economists next year, data for these occupations will be presented next year.

The revised occupational descriptions are included in appendix B.

# Appendix B. Occupational Descriptions

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

# OFFICE

# BILLER, MACHINE

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

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

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

### BOOKKEEPING-MACHINE OPERATOR

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

<u>Class A.</u> 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 book-keeping. Phases or sections include accounts payable, payroll, customers' accounts (not including a simple type of billing described under biller, machine), cost distribution, expense distribution, inventory control, etc. May check or assist in preparation of trial balances and prepare control sheets for the accounting department.

# CLERK, ACCOUNTING

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

# CLERK, ACCOUNTING-Continued

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 assignations 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.

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

<u>Class C.</u> 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

# CLERK, ORDER-Continued

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, followup 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 paychecks and assist paymaster in making up and distributing pay envelopes. May use a calculating machine.

# COMPTOMETER OPERATOR

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

# DUPLICATING-MACHINE OPERATOR (MIMEOGRAPH OR DITTO)

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

#### KEYPUNCH OPERATOR

<u>Class A.</u> 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

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

# STENOGRAPHER, GENERAL

Primary duty is to take dictation 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. 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 setup 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.)

<u>Class B.</u> 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

<u>Class A.</u> 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. <u>Does not include</u> 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

#### TABULATING-MACHINE OPERATOR—Continued

specific instructions. May include simple wiring from diagrams and some filing work. The work typically involves portions of a work unit, for example, individual sorting or collating runs or repetitive operations.

# TRANSCRIBING-MACHINE OPERATOR, GENERAL

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

# TYPIST

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

<u>Class A.</u> 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.

<u>Class B.</u> Performs <u>one or more of the following:</u> 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.

<u>Class C.</u> 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-metalworking 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

# ELEVATOR OPERATOR, PASSENGER

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

# **GUARD**

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

# JANTTOR, 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

# JANITOR, PORTER, OR CLEANER-Continued

or other establishment. Duties involve a combination of the following: Sweeping, mopping or scrubbing, and polishing floors; removing chips, trash, and other refuse; dusting equipment, furniture, or fixtures; polishing metal fixtures or trimmings; providing supplies and minor maintenance services; 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.

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. <u>Driver-salesmen and over-the-road drivers are excluded</u>.

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

Truckdriver (combination of sizes listed separately)
Truckdriver, light (under 1½ tons)
Truckdriver, medium (1½ to and including 4 tons)
Truckdriver, heavy (over 4 tons, trailer type)
Truckdriver, heavy (over 4 tons, other than trailer type)

# TRUCKER, POWER

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

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

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

# WATCHMAN

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

# Available On Request-

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

Order as BLS Bulletin 1422, National Survey of Professional, Administrative, Technical, and Clerical Pay, February-March 1964. 40 cents a copy.

# Occupational 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, June 1964 1	1395-90 25 cents	Miami, Fla., Dec. 1963 1	1395-20 25 cents
Albany-Schenectady-Troy, N. Y., Mar. 1964 1	1305-50, 25 cents	Milwaukee, Wis., Apr. 1964	1385.56 25 cents
Albuquerque, N. Mex., Apr. 1964	1305-52, 25 cents	Minneapolis-St. Paul, Minn., Jan. 1964	
Allentown-Bethlehem-Easton, PaN.J., Feb. 1964 1	1305-01, 25 cents	Muskegon-Muskegon Heights, Mich., May 1964	1305-37, 25 Cents
Atlanta, Ga., May 1964 1	1305-53, 25 cents	Muskegon-Muskegon Heights, Mich., May 1904	1305-71, 25 cents
Baltimore, Md., Nov. 1963	1305-13, 25 Cents	Newark and Jersey City, N.J., Feb. 1964	1305-49, 30 Cents
Beaumont—Port Arthur, Tex., May 1964 1	1305-24, 25 Cents	New Haven, Conn., Jan. 1964	
Deaumont—Port Artnur, 1ex., May 1964	1385-70, 25 Cents	New Orleans, La., Feb. 1964	1385-42, 25 Cents
Birmingham, Ala., Apr. 1964		New York, N. Y., Apr. 1964	1385-72, 40 Cents
Boise City, Idaho, July 19641	1430-1, 25 cents	Norfolk-Portsmouth and Newport News-	1205 88 30 :
Boston, Mass., Oct. 1963 1	1385-16, 25 cents	Hampton, Va., June 1964	1385-77, 20 cents
<b>5</b> (4.1 )	1205 22 25 .	Oklahoma City, Okla., Aug. 1964	
Buffalo, N. Y., Dec. 1963	1385-33, 25 cents	Omaha, NebrIowa, Oct. 1963 1	1385-14, 25 cents
Burlington, Vt., Mar. 1964		Paterson-Clifton-Passaic, N.J., May 19641	1385-62, 25 cents
Canton, Ohio, Apr. 1964	1385-64, 25 cents	Philadelphia, PaN.J., Nov. 19631	
Charleston, W. Va., Apr. 1964 1	1385-57, 25 cents	Phoenix, Ariz., Mar. 1964	
Charlotte, N.C., Apr. 1964	1385-55, 25 cents	Pittsburgh, Pa., Jan. 1964	
Chattanooga, TennGa., Sept. 19641	1430-10, 20 cents	Portland, Maine, Nov. 19631	1385-22, 25 cents
Chicago, Ill., Apr. 19641	1385-66, 30 cents	Portland, OregWash., May 19641	1385-67, 25 cents
Cincinnati, Ohio-Ky., Mar. 19641	1385-58, 25 cents	Providence-Pawtucket, R. IMass., May 1964	
Cleveland, Ohio, Sept. 1964 1	1430-13, 30 cents	Raleigh, N.C., Sept. 1964	1430-6. 20 cents
Columbus, Ohio, Nov. 1963	1385-25, 20 cents	Richmond, Va., Nov. 1963 1	1385-23, 25 cents
Dallas, Tex., Nov. 1963	1385-15, 25 cents	Rockford, Ill., Apr. 1964 1	1385-60, 25 cents
Davenport-Rock Island-Moline, Iowa-	•	St. Louis, MoIll., Oct. 1963	1385-21, 25 cents
Ill., Oct. 1963	1385-12, 20 cents	Salt Lake City, Utah, Dec. 1963	1385-28, 20 cents
Dayton, Ohio, Jan. 19641	1385-40, 25 cents	San Antonio, Tex., June 1964	
Denver, Colo., Dec. 19631	1385-34. 25 cents	San Bernardino-Riverside-Ontario, Calif.,	
Des Moines, Iowa, Feb. 1964	1385-44, 25 cents	Sept. 1964San Diego, Calif., Sept. 1964 1	1430-8, 20 cents
Detroit, Mich., Jan. 1964	1385-43, 25 cents	San Diego, Calif., Sept. 1964 1	1430-12, 25 cents
Fort Worth, Tex., Nov. 1963	1385-19, 20 cents	San Francisco-Oakland, Calif., Jan. 1964 1	1385-36, 25 cents
Green Bay, Wis., Aug. 1964 1	1430-3, 25 cents	Savannah, Ga., May 1964 1	1385-69, 25 cents
Green Bay, Wis., Aug. 1964 1 Greenville, S.C., May 1964 1	1385-68, 25 cents	Scranton, Pa., Aug. 1964	1430-2, 20 cents
Houston, Tex., June 1964	1385-81, 25 cents	Seattle, Wash., Sept. 1964	1430-9, 25 cents
Indianapolis, Ind., Dec. 19631	1385-30, 25 cents	Sioux Falls, S. Dak., Oct. 1963 1	1385-20, 25 cents
Jackson, Miss., Feb. 1964	1385-41, 25 cents	South Bend, Ind., Mar. 1964	1385-51, 25 cents
Jacksonville, Fla., Jan. 1964	1385-32, 20 cents	Spokane, Wash, May 1964	1385-78, 20 cents
Kansas City, MoKans., Nov. 19631	1385-26, 25 cents	Toledo, Ohio, Feb. 1964	1385-46, 20 cents
Kansas City, MoKans., Nov. 1963 Lawrence-Haverhill, MassN.H., June 1964	1385-76, 25 cents	Trenton, N.J., Dec. 1963	
Little Rock-North Little Rock, Ark., Aug. 1964 1	1430-7, 25 cents	Washington, D. CMdVa., Oct. 1963	1385-17, 25 cents
Los Angeles-Long Beach, Calif., Mar. 19641	1385-59, 30 cents	Waterbury, Conn., Mar. 1964 1	
Louisville, KyInd., Feb. 1964	1385-50, 20 cents	Waterloo, Iowa, Nov. 1963	1385-18, 20 cents
Lubbock, Tex., June 1964	1385-75, 25 cents	Wichita, Kans., Sept. 1964	1430-11, 25 cents
Manchester, N. H., Aug. 1964	1430-4, 25 cents	Worcester, Mass., June 1964 1	1385-79, 25 cents
Memphis, Tenn., Jan. 1964	1385-35, 25 cents	York, Pa., Feb. 1964 1	
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<sup>1</sup> Data on establishment practices and supplementary wage provisions are also presented.