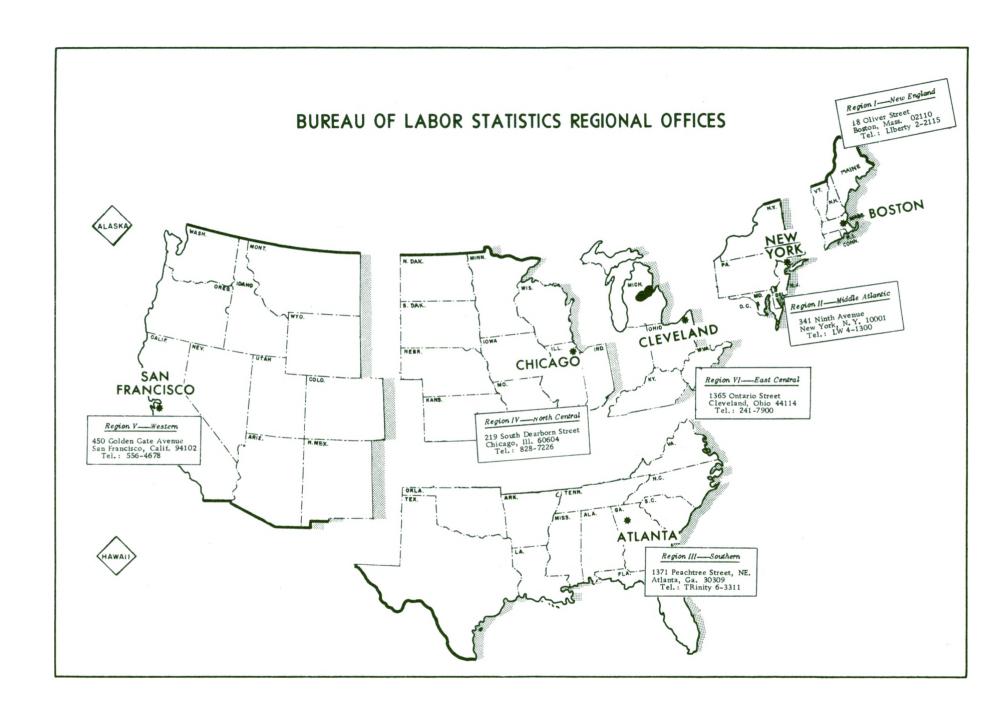
Occupational Wage Survey

CHICAGO, ILLINOIS
APRIL 1964

Bulletin No. 1385-66

UNITED STATES DEPARTMENT OF LABOR
W. Willard Wirtz, Secretary

BUREAU OF LABOR STATISTICS
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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 metropolitan area labor markets, for economic regions, and for the United States. A major consideration in the program is the need for greater insight into (a) the movement of wages by occupational category and skill level, and (b) the structure and level of wages among labor markets and industry divisions.

A preliminary report and an individual area bulletin present survey results for each labor market 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 labor markets studied into one bulletin. The second part presents information which has been projected from individual labor market data to relate to economic regions and the United States.

Eighty-two labor markets 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 Chicago, Ill., in April 1964. It was prepared in the Bureau's regional office in Chicago, Ill., by Mary E. Stokes, under the direction of Kenneth Thorsten. The study was under the general direction of Woodrow C. Linn, Assistant Regional Director for Wages and Industrial Relations.

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

Current reports on occupational earnings and supplementary wage provisions in the Chicago area, are also available for motor vehicle parts (April 1963), machinery industries (May 1963), and women's and misses' dresses (March 1963). Union scales, indicative of prevailing pay levels, are available for the following trades or industries: Building construction, printing, local-transit operating employees, and motortruck drivers and helpers.

Occupational Wage Survey-Chicago, Ill.

Introduction

This area is 1 of 82 labor markets 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: (a) Office clerical; (b) professional and technical; (c) maintenance and powerplant; and (d) custodial and material movement. Occupational classification is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. The occupations selected for study are listed and described in the appendix. 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 pay levels for selected occupations in which both men and women are commonly employed may be due to such factors as (1) differences in the distribution of the sexes among industries and establishments; (2) differences in length of service or merit review when individual salaries are adjusted on this basis; and (3) differences in specific duties performed, although the occupations 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. This allows for minor differences among establishments in specific duties performed.

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

Establishment Practices and Supplementary Wage Provisions

Information is presented (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.

¹ Data were obtained by mail from some of the smaller establishments for which visits by Bureau field economists in the last previous survey indicated employment in relatively few of the occupations studied. Unusual changes reported by mail were verified with employers.

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 (a) establishment policy, presented in terms of total plant worker employment, and (b) 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; and health, insurance, and pension plans (tables B-4 through B-7) 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-7 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, 3 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 4 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.

² An establishment was considered as having a policy if it met either of the following conditions:
(1) Operated late shifts at the time of the survey, or (2) had formal provisions covering late shifts. An establishment was considered as having formal provisions if it (1) had operated late shifts the 12 months prior to the survey, or (2) had provisions in written form for operating late shifts.

³ The temporary disability laws in California and Rhode Island do not require employer contributions.

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

Table 1. Establishments and workers within scope of survey and number studied in Chicago, Ill., by major industry division, April 1964

	Minimum	Number of e	stablishments		Workers in e	stablishments	
Industry division	employment in establish-	Within		1	Within scope of stud	у	Studied
	ments in scope of study	scope of study ³	Studied	Total 4	Office	Plant	Total 4
All divisions	-	3,570	527	1, 255, 500	270,600	755,700	617,210
Manufacturing	100	1,569	218	663,100	104,500	452, 900	275, 970
NonmanufacturingTransportation, communication, and	-	2,001	309	592, 400	166, 100	302, 800	341, 240
other public utilities 5	100	193	51	147,200	31, 100	76,500	112,560
Wholesale trade	50	624	67	92,500	27,600	49,000	21,890
Retail trade	100	206	52	170,200	30,900	122,000	127,760
Finance, insurance, and real estate	50	409	57	86,400	55,700	⁶ 6, 900	43,580
Services 7	50	569	82	96,100	20,800	48, 400	35, 450

¹ The Chicago Standard Metropolitan Statistical Area consists of Cook, DuPage, Kane, Lake, McHenry, and Will 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.

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

Table 2. Indexes of standard weekly salaries and straight-time hourly earnings for selected occupational groups, and percents of increase for selected periods, Chicago, Ill.

	Index (April 1961=100)		Percents	of increase	
Industry and occupational group	April 1964	April 1963 to April 1964	April 1962 to April 1963	April 1961 to April 1962	April 1960 to April 1961
ll industries:					
Office clerical (men and women)	108, 2	2.5	2.3	3.2	2.3
Industrial nurses (men and women)	110.2	4.3	2,5	3,0	3.1
Skilled maintenance (men)	109.3	3.4	2.1	3.5	3.6
Unskilled plant (men)	109.2	2.7	3.8	2.5	3.7
lanufacturing:					
Office clerical (men and women)	109.3	3, 5	2.5	3.0	3.1
Industrial nurses (men and women)	109.6	3.8	2.0	3.6	3.1
Skilled maintenance (men)	108.7	3.1	1.9	3.4	3.3
Unskilled plant (men)	107.5	1.6	2.5	3.2	3.3

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 I establishment.

Includes executive, professional, and other workers excluded from the separate office and plant categories.
Taxicabs and services incidental to water transportation were excluded. Chicago'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.

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.

The above text represents the method used in computing a new index (1961 base) and trend series. This series, initiated with the expansion of the labor market wage survey program to 80 Standard Metropolitan Statistical Areas, replaces the old series (1953 base).

The new series covers the same job groupings as the earlier series with the following exceptions: The clerical and industrial nurse groups, formerly restricted to women, now include both men and women. Changes were also made in the jobs included within job groupings in order that an identical list could be employed in all areas.

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, Chicago, Ill., April 1964)

		A	erage							1	Numbe	r of w	orker	s rece	iving	straig	ht-tin	ie wee	kly ea	rnings	of—							
Sex, occupation, and industry division	Number of workers	Weekly hours ¹ (standard	Weekly earnings ¹ (standard)	40	45 -	50 -	55 -	60 -	-	70 -	75 -	-	85 -	90 -	95 -	100 -	105	110	115	120	125	130	\$ 135 - 140	14C -	145 -	150	155 -	and
MEN																								· • · · · · · ·	• • •			9,00
CLERKS, ACCOUNTING, CLASS A MANUFACTURING NONMANUFACTURING	2,315 910 1,405 251 432 296 366	38.5 39.0 38.5 39.5 39.5 38.5 36.5	\$ 117.50 122.00 114.50 118.00 121.50 109.50		-			-	2	5	6 4 2 - 1	36 6 30 - 21 - 5	29 5 24 1 2 1	160 14 146 1 49 20 73	159 41 118 2 12 45 54	186 75 111 15 50 41	226 73 153 26 24 40 59	273 76 197 78 43 66 6	218 84 134 49 19 13 34	234 110 124 29 25 17 40	249 150 99 9 23 37 30	94 52 42 22 4 5	106 70 36 8 23	81 39 42 5 29 3	67 58 9 3 - 6	131 37 94 - 69 1 22	36 6 30 1 29	17
CLERKS, ACCOUNTING, CLASS B MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES HOLESALE TRADE FINANCE	1,141 433 708 279 245 102	39.0 39.0 39.5 40.0 40.0 37.0	98.00 102.50 95.00 105.00 91.50 88.00	-	-	-	6 - - -	6 - 2	34 - 34 1 4	17 1 16 1 -	87 17 70 3 43	86 45 41 4 20 6	76 22 54 3 33 7	150 64 86 13 55 2	108 38 70 66	174 34 140 47 72 16	162 75 87 58 3 24	79 37 42 38 4	58 27 31 20 11	47 27 20 20	35 31 4 4 -	13 12 1 1	3 - - -	-	-	-	-	-
CLERKS, FILE, CLASS B	192 136	38.5 38.5	78.50 82.50	-	-	=	=	30 7	30 27	33 16	24 20	7	10 10	32 32	16 14	6 6	2	-	1	1	-	-	-	-	-	-	-	
CLERKS, ORDER	1,921 567 1,354 1,173 144	39.5 39.5 39.5 39.5 39.5	113.00 114.00 112.50 115.00 94.50	-	-	- - - -	-	1 - 1	49 49 30 19	4 - 4 - 4	34 34 27 7	65 18 47 24 8	78 9 69 54 15	123 16 107 89 18	84 13 71 61 10	170 69 101 86 14	310 122 188 153 14	71 42 29 18 11	189 99 90 79 11	211 69 142 133 9	108 23 85 83 2	165 39 126 125 1	93 3 90 90	50 17 33 33	25 2 23 23	39 16 23 23	16 10 6 6	36 36
CLERKS, PAYROLL	460 333 127	39.5 39.5 39.5	108.00 108.00 108.00	-	-	-	- -	1 - 1	-	2 2 -	3 2 1	30 30 -	12 6 6	36 34 2	68 59 9	41 18 23	69 22 47	70 53 17	33 27 6	14 11 3	38 35 3	22 18 4	2 - 2	1 1	17 16 1	1	=	-
OFFICE BOYS	1,736 476 1,260 138 130 121 572 299	38.0 38.5 38.0 39.5 39.5 39.5 37.0 37.5	68.50 69.00 68.00 78.00 77.00 69.00 65.00	-	11 	86 7 79 9 8 6 28 28	3 - 5	410 121 289 17 25 12 150 85	350 100 250 14 7 49 138 42	141 72 69 4 5 22 28 10	185 26 159 25 17 11 50 56	70 22 48 9 15 9	125 42 83 39 32 2 4	75 17 58 15 19 5 15	10 5 	8 3 5 3 2 -	1 1	-	-	-	-	-	-	-	-	-	-	-
SECRETARIES	123	39.5	125.00	-	-	-	-	-	-	-	-	-	-	-	-	8	12	18	4	23	20	10	13	3	1	4	1	6
TABULATING-MACHINE DPERATORS, CLASS A MANUFACTURING NONMANUFACTURING , HHOLESALE TRADE FINANCE ³	1,031 429 602 152 224		116.00 116.00 116.00 122.50 112.00	-	- - -	-	-	-	-	- - -	-	5 5 2	7 7 - 3	37 12 25 - 6	56 33 23 5	176 36 140 28 82	151 84 67 1 39	145 55 90 26 26	91 47 44 12 11	87 43 44 15 11	71 51 20 6 6	51 27 24 1 16	56 18 38 26 5	38 9 29 12	15 6 9 4	29 3 26 14	1 1 - -	15 4 11 -
TABULATING-MACHINE OPERATORS, CLASS B	1,305 549 756 110 211 115 241	39.0 39.0 38.5 39.5 39.5 37.5	98.50 99.50 97.50 110.00 100.00 96.50	-	-	-	-	-	5 - 5 - 4 1	9 2 7 - 2 2 3	18 1 17 1 - 6	172 61 111 4 26 15 48	159 50 109 11 14 9	163 70 93 5 13 14 58	182 80 102 1 57 9 27	190 91 99 18 38 20	141 66 75 21 15 17	120 68 52 11 13 13	67 40 27 1 17 5	25 11 14 6 4 1	28 4 24 10 12 - 2	21 1 20 20 -	4 3 1 1 -	1 1	-	-	-	

		Av	Prage							N	umber	of wo	rkers	recei	iving s	traigh	t-time	week	ly ear	nings	of—							
Sex, occupation, and industry division	Number of workers	Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)	\$ 40 and under 45	45 - 50	50 - 55	\$ 55 - 60	60 -	\$ 65 - 70	\$ 70 - 75	-	-	85	90 -	95	-	105	110	115	120	125	130	135		145	150 - 155	-	and
MEN - CONTINUED																												
TABULATING-MACHINE OPERATORS, CLASS C MANUFACTURING NONMANUFACTURING FINANCE ³	425 153 272 103	39.5 39.5 39.5 39.6	\$ 85.50 88.00 84.00 80.00	-	- - -	- - -	4 - 4 2	3 - 3 2	13 13 10	57 13 44 31	67 11 56 18	57 28 29 11	48 9 39 7	78 66 12 8	49 20 29 2	35 5 30 6	8 - 8 4	5 1 4 2	- - -	- - -	1 - 1 -	- - -	-	-	- - -	- - -	-	
TYPISTS. CLASS B	123	40.0	75.00	-	-	_	7	1	29	29	24	-	-	25	8	-	-	-	-	-	-	-	-	-	-	-	-	
HOMEN																												
BILLERS, MACHINE (BILLING MACHINE) MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES MHOLESALE TRADE	1,230 569 661 248 323	39.5 39.0 39.5 40.0 39.5	83.50 81.50 85.00 91.50 84.00	- - - -	6 -	3	3 - 3	25 7 18 - 2	72 51 21 -	138 54 84 60 13	288 146 142 48 76	169 115 54 - 45	206 67 139 -	74 40 34 25 3	40 38 2 - 2	67 39 28 8	139 12 127 107 20	11111	-	-	-	-	-	-	-	-	-	-
BILLERS, MACHINE (BOOKKEEPING MACHINE) NONMANUFACTURING RETAIL TRADE	455 449 236	38.5 38.5 40.0	72.50 72.50 67.00	- -	-	16 16 7	56 56 24	74 74 71	55 54 31	81 80 60	48 48 29	17 16 8	25 25 6	34 34 -	45 45 -	1 -	-	=	2 -	1 1	-	- - -	- - -	- - -	-	- - -	-	
BOOKKEEPING-MACHINE OPERATORS, CLASS A MANUFACTURING NONMANUFACTURING WHOLESALE TRADE	869 444 425 208	39.5 39.5 39.0 39.0	95.00 97.00 92.50 91.00	-	-	=======================================	- - -	1 - 1 -	2 - 2 -	6 2 4 -	52 7 45 26	95 38 57 36	114 75 39 6	216 94 122 84	130 77 53 14	49 29 20 10	102 64 38 11	39 29 10 2	22 2 20 19	37 25 12	2 - 2 -	2 -	-	-	- - -	-	=======================================	
BOOKKEEPING-MACHINE OPERATORS, CLASS B. MANUFACTURING NONMANUFACTURING WHOLESALE TRADE FINANCE SERVICES	2,550 631 1,919 448 272 1,067	38.5 39.0 38.5 39.5 39.5 37.5 38.0	77.00 88.00 73.50 79.50 76.00 69.00	-	10 - 10 - 10 -	71 - 71 - 4 66 1	147 1 146 2 6 136 2	217 10 207 14 26 166	249 8 241 51 41 140 9	429 44 385 81 23 270	343 48 295 85 43 142 25	402 159 243 85 41 99 18	226 95 131 36 39 18 23	201 84 117 68 27 8 12	96 47 49 6 12 22	88 73 15 11 -	46 43 3 3 - -	24 18 6 6 -	1 1	-	-	-	-	-	-	-	-	-
CLERKS, ACCOUNTING, CLASS A MANUFACTURING NONMANUFACTURING	2,930 1,330 1,600 260 298 265 529 248		100.50 101.00 100.00 109.50 99.00 90.50 96.00 109.00	-	-	-	1 1	1 1 1	26 18 8 - 1 5 2	62 31 31 - 20 2 6	142 60 82 - 10 37 22 13	195 61 134 - 9 38 81 6	189 88 101 - 13 16 66 6	359 120 239 4 32 81 107 15	408 181 227 36 92 39 50 16	409 243 166 34 35 24 44 29	416 194 222 90 13 10 81 28	233 113 120 55 23 6 17	160 83 77 15 13 3 23 23	200 90 110 3 29 1 14 63	42 15 27 3 5 1 6	47 13 34 22 1 1 4	23 8 15 2 - 4 9	9 6 3 - 2 1 -	2 1 1 1 -	2 2	3 3	
CLERKS, ACCOUNTING, CLASS B MANUFACTURING NOMMANUFACTURING	1,897	38.5 39.0 38.5 40.0 39.5 39.5 37.5 38.0	81.00 84.00 80.00 96.50 81.50 74.50 76.50	-	20 - 20 - 20 - 20	36 - 36 - 36 -	173 22 151 7 - 65 42 37	397 86 311 4 38 92 112 65	502 151 351 8 102 85 135 21	602 248 354 10 74 101 139 30	835 253 582 10 127 169 209 67	967 314 653 20 191 173 190 79	587 163 424 28 117 102 118 59	551 244 307 30 94 53 96 34	423 185 238 132 56 16 16	212 42 170 70 65 15 3	189 105 84 64 9 - 4 7	66 18 48 39 3 -	70 56 14 3 1 -	6 4 2 - 2 -	4 4 - - - -	1 - 1 - 1 1	2 2	-	-	-	-	

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, Chicago, Ill., April 1964)

		Av	erage		•				<u></u>	N	umbei	of wo	rkers	earni		_			earni	ngs of	<u> </u>							
Sex, occupation, and industry division	Number of workers	Weekly hours ¹ (standard)	Weekly earnings (standard)	40 and under 45	45 - 50	50 - 55	\$ 55 - 60	-	65 -	-	~	80	85 -	9 0 -	95 -	-	105	110 -	115	120	125	130	135	\$ 140 - 145	-	-	-	and
WOMEN - CONTINUED																												
CLERKS, FILE, CLASS A	989 353 636 102 308 134	38.5 39.5 38.5 39.0 38.5 37.0	\$ 83.50 87.50 81.00 79.50 78.00 82.00	-	-	-	10 10 2 8	29 1 28 18	69 9 60 21 27 8	149 34 115 25 63 26	169 61 108 4 57 41	172 54 118 16 83 6	111 54 57 14 25	79 33 46 2 13 24	84 56 28 5 4	72 33 39 11 5 6	16 11 5 2 -	12 12 - 5 -	8 4 - -	-	5 2 3 - -		-	-	-	-	-	
CLERKS, FILE, CLASS B MANUFACTURING	4,505 1,349 3,156 333 500 464 1,536 323	40.0 39.5 39.5 37.5	70.00 71.00 69.00 85.00 72.50 68.50 65.50	-	-	164 20 144 - 4 75 49 16	589 124 465 - 22 32 354 57	907 228 679 18 115 48 434 64	740 187 553 8 40 84 288 133	829 415 414 47 119 57 170 21	481 132 349 30 40 112 158 9	369 108 261 43 91 44 65 18	173 31 142 79 48 12 -	172 77 95 54 21 - 18 2	19 7 12 12 - -	51 17 34 34 - -	9 3 6 6 - -	-	2 2 2	-	-	-	-	-	-	-		
CLERKS, FILE, CLASS C MANUFACTURING NUNHAMUFACTURING RETAIL TRADE FIMANCE	1,156 265 891 145 582		60.00 64.50 58.50 57.00 57.50	- 6 6	_	337 41 296 30 227	219 26 193 47 125	40 232 26	168 95 73 12 46	61 31 30 6 18	62 28 34 3 3	2 2 - -	6 1 5 -	2 1 1 -	1 1 -	- - - -	-	- - -	-	-	-	- - -	- - -	-	- - - -	-	=	
CLERKS, ORDER MANUFACTURING NONMANUFACTURING WHOLESALE TRADE RETAIL TRADE	2,057 1,053 1,004 504 413	39.5 39.0 39.5 39.5 39.5	79.00 80.00 78.00 86.00 68.00	=	-	19 19 - 17	138 34 104 19 73	171 86 85 12 72	195 82 113 16 79	431 293 138 69 51	251 131 120 43 68	223 54 169 144 22	166 108 58 34 24	177 136 41 37 4	49 25 24 21 3	65 19 46 46	43 23 20 10	56 11 45 31	58 44 14 14	12 4 8 8	3 3 - -	- - - -	-	-	- - -	-	=	-
CLERKS, PAYROLL	2,056 1,154 902 165 161 216 109 251	39.0 39.0 39.0 39.5 39.0 40.0 37.5 38.5	91.50 92.50 91.00 98.50 89.00 83.50 102.50 88.00	-	-	-	4 2 2 1 	39 12 27 1 4 8 -	72 15 57 5 16 22	144 77 67 5 10 31 14	217 154 63 7 4 36 5	171 89 82 8 28 21 3	133	378 229 149 33 25 12 5	241 129 112 27 12 39 13 21	127 80 47 13 2 4 23 5	184 97 87 39 12 1 9	53 26 27 2 14 9 1	65 47 18 - 1 17	44 22 22 10 - 12	20 18 2 - - 1	23 21 2 - - - 2	3 1 2 - - - 2	22 20 13 - 3 4	-	-	-	-
COMPTOMETER OPERATORS MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE RETAIL TRADE FINANCE ³	800	39.5 39.0 39.5 40.0 39.5 39.5 37.5	81.50 86.00 80.00 91.00 78.50 79.00	-	-	3 2 1	78 10 68 22 2 18 16	86 3 83 8 36 35 4	52 201 2 49	504 107 397 14 79 124 17	57 497 27 148	518 172 346 40 117 134	250 78 172 19 34 95	287 131 156 21 24 76 16	225 88 137 99 9 17	168 43 125 86 21 12	63 16 47 35 9 1	13 9 4 3 1 -	23 22 1 1 -	8 8 - - - -	4 4 - - -	-	-	-	-	-	-	-
DUPLICATING-MACHINE OPERATORS (MIMEOGRAPH OR DITTO) MANUFACTURING NONMANUFACTURING	308 164 144	39.0 39.5 39.0	77.50 74.50 81.50	-	-	=	6 2 4	33 22 11	78 68 10	44 11 33	37 19 18	19 8 11	11 10 1	27 6 21	36 11 25	15 5 10	1 1	1 1 -	=	=	=	=	- -	-	- - -	- - -	- - -	
KEYPUNCH OPERATORS, CLASS A MANUFACTURING	1,231	39.0 38.5 39.0 40.0 39.0 40.0 37.5	88.00 89.50 86.50 93.50 90.00 79.50 81.00	-	-	-	34 34 31 3	49 49 17 17 15	60 18 42 15 - 9 18	8 14 7	388 122 266 16 17 57 150	428 242 186 9 48 29 85	312 207 105 35 25 22	415 167 248 108 42 35 51	373 153 220 145 17 24 23	372 168 204 158 33 6 7	41 25 16 7 8 - 1	37 33 4 - 4 -	10 8 2 - 2	10 5 5 - 1 - 4	10 8 2 - 2 -	-	-	-	-	-	-	-

		Av	erage							N	lumbe	r of w	orker	s rece	iving	straigl	nt-tim	e weel	dy ea	rnings	of—	-						
Sex, occupation, and industry division	Number of workers	Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)	\$ 40 and under 45	45 - 50	\$ 50 - 55	\$ 55 - 60	60 -	-	70 -	75 -	-	85 -	90 -	95 -	100	105 -	110	115	120 - 125	125	130	135	140 -	145 -	_	-	and
WOMEN - CONTINUED																_												
KEYPUNCH OPERATORS, CLASS B MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE RETAIL TRADE FIMANCE 3 SERVICES	3,993 1,404 2,589 382 578 359 989 281	39.0 39.5 39.0 40.0 39.5 39.5 37.5 39.0	\$ 79.00 80.50 78.00 89.50 79.00 76.00 74.00 78.00	-	30 - 30 - - 30	8 - 8 - 1 - 7	75 - 75 1 22 7 36 9	254 47 207 16 12 20 135 24	403 81 322 13 26 60 184 39	637 322 315 5 89 73 130 18	808 343 465 48 110 100 161 46	690 183 507 67 196 42 147 55	380 134 246 19 73 21 106 27	274 124 150 27 31 22 28 42	278 98 180 119 11 12 32	83 38 45 34 8 1 -	47 15 32 30 - - 2	10 4 6 2 - - 4	16 15 1 1 - -	-	-	-	-	-	-	-	-	- - - - -
OFFICE GIRLS	1,257 322 935 193 144 447	39.5 39.0 39.5 40.0 39.5 39.0	65.00 68.50 64.00 62.50 62.00	- - - -	-	158 7 151 59 11 72	228 35 193 - 36 152	272 75 197 23 48 90	221 52 169 59 27 58	199 88 111 35 19 41	82 33 49 13 2 31	14 5 9 1 -	60 12 48 3 1 2	10 6 4 - -	4 1 3 - -	9 8 1 - -	-	-	-	-	-	-	-	-	-	-	-	-
SECRETARIES MANUFACTURING NONMANUFACTURING PUBLIC UT!LITIES WHOLESALE TRADE RETAIL TRADE FINANCE SERVICES	6,425 9,667 1,105 1,843 1,685	38.5 39.0 38.5 39.5 39.5 39.5 37.5 37.5	104.00 106.50 102.50 112.50 103.50 99.50 100.50	-	-	-	-	52 17 35 - 9 26	74 11 63 1 - 20 4 38	147 24 123 2 22 24 63 12	492 158 334 6 70 75 102 81	1113 299 814 49 109 138 229 289	521	785 1143 64		682		1529 607 922 124 265 184 170 179		1035 527 508 110 119 78 115 86	590 251 339 63 94 31 80 71	542 295 247 59 34 23 47 84	260 167 93 23 18 11 18 23	214 140 74 44 8 2 16	118 53 65 23 9 1 29	114 69 45 6 12 4 16	50 29 21 3 2 - 1	20
STENOGRAPHERS, GENERAL	7,658 3,361 4,297 975 722 352 1,554 694	38.5 39.0 38.5 39.5 39.5 39.5 37.5	85.50 85.50 85.50 99.00 86.00 81.00 80.00 82.00	-	-	1 - - - - 1	10 7 3 - - - 3	185 95 90 16 10 6 56	509 175 334 19 27 25 235 28		1136 467 669 39 118 76 308 128	751 52 157 48	1171 675 496 44 84 50 222 96	432 487 47 179 46		615 250 365 273 8 6 65	364 138 226 178 29 5 6	159 19 140 119 10 1	49 17 32 24 3 5	6 1 5 2 2 1	2 1 1 1 - -	-	-	-	-	-		-
STENOGRAPHERS, SENIOR		38.5 38.5 38.5 39.0 38.5 37.5 38.0	94.00 97.00 91.50 96.50 94.00 92.50 88.50	-	-	-	-	12 - 12 - 12	90 8 82 - 48 17 13	142 44 98 2 - 20 44	238 71 167 31 3 47 36	349 125 224 22 6 63 39	571 235 336 26 27 120 84	606 222 384 38 58 139 75	552 262 290 24 65 126 35	489 241 248 32 55 97 28	359 210 149 22 36 63 21	210 154 56 18 22 7 5	110 66 44 17 4 11 8	35 15 20 8 - 12	12 9 3 1 2 -	14 13 1 - 1	777	1 - 1	-		-	-
SWITCHBOARD OPERATORS	1,928 524 1,404 226 111 239 311 517	39.0 39.0 39.0 39.5 39.5 40.0 37.5 39.0	80.50 88.50 77.50 96.50 87.50 70.50 81.50 68.50	3 - 3	-	115 115 13 20 82	94 94 35 59	152 - 152 - 6 26 8 112	143 14 129 - 2 22 24 51	151 39 112 1 16 44 22 29	205 60 145 4 11 28 66 36	238 87 151 13 10 41 41 46	165 71 94 24 13 16 16 25	292 100 192 55 27 9 80 21	179 61 118 69 9 - 15 25	107 55 52 28 6 1	43 16 27 21 3 1 2	21 7 14 11 3 -	13 10 3 - 3 -	2	1 1	-	-	-	-	-	-	-
SWITCHBOARD OPERATOR-RECEPTIONISTS- MANUFACTURING PUBLIC UTILITIES ² WHOLESALE TRADE	2,507 1,249 1,258 142 591 124 214 187	39.0 39.0 39.0 39.0 39.5 39.5 36.5 39.0	82.50 82.50 82.50 84.00 82.00 80.00 84.00 85.00		-	11	29 29 - - 16 13	79	180 53 127 16 80 6 24	231 143 88 15 48 6 17	387 197 190 24 116 17 12 21	405 202 203 17 105 14 34 33	463 223 240 25 90 23 55 47	366 214 152 19 64 22 12	107 56 51 8 10 11	127 47 80 7 22 - 44 7	45 28 17 5 8 3 -	7 4 3 3 - -	26 3 23 19 4	10 - 10 - 10 - -	3 3	-	-	-	-	-		- - - - -

		Ave	Frage							N	lumbe	r of w	orkers	recei	ving s	traigh	t-time	week	ly ear	nings	of—							
Sex, occupation, and industry division	Number of workers	Weekly hours I (standard)	Weekly earnings (standard	\$ 40 and under 45		50 - 55	55 - 60	60 - 65	\$ 65 - 70	\$ 70 - 75	\$ 75 - 80		\$ 85 - 90	90 -	95 -	100	105	110	\$ 115 - 120	120 -	125	130	135	140	-	-	-	and
WOMEN - CONTINUED TABULATING-MACHINE OPERATORS, CLASS B	450 135 315 144	38.5 39.0	\$ 99.00 104.00 96.50	-		-		-	-	-	28 13 15	13 4 9	64 1 63 8	81 4 77 51	72 25 47 16	31 10 21 17	91 35 56 49	27 19 8	18 12 6	3 3 - -	6 6 -	16 3 13 2		-			-	-
TABULATING-MACHINE OPERATORS, CLASS C	440 121 319	39.5 39.0	79.00 81.50 78.00	-	=	- - -	-	113 21 92	70 26 44	31 2 29	60 6 54	25 5 20	11 6 5	35 35	8 5 3	12 1 11	73 12 61	2 2	-	-	- - -	= = =	- - -	=	- - -	-	- -	-
TRANSCRIBING-MACHINE OPERATORS, GENERAL MANUFACTURING NOMANUFACTURING NUMANUFACTURING RETAIL TRADE FINANCE3- SERVICES	2,359 1,042 1,317 305 105 492 323	39.0 38.0 39.5 40.0 37.5	80.00 81.50 78.50 77.50 77.50 75.00	-	-	1 - 1 - 1 -	20 - 20 2 5 13	127 33 94 - 9 84	315 144 171 45 16 86 24	353 149 204 84 16 67 36	476 161 315 64 11 61 179	329 152 177 49 21 92 15	275 155 120 37 11 46 25	166 96 70 3 11 29 24	137 86 51 11 - 9	119 51 68 5 1	24 5 19 3 2 5	7 2 5 1 1	2 - 2 1 - -	-	-	8 8	-	-	-	-	-	-
TYPISTS, CLASS A	5,515 2,497 3,018 199 306 266 1,462 785	39.0 38.0 39.5 39.5 39.5	82.50 83.00 82.00 93.00 83.50 81.00 79.50 83.00	-	10 - 16 - - - - 10	-	24 1 23 - 6 8 5	91 36 55 4 6 20 18 7	417 101 316 5 12 27 215 57	384	1168 508 660 17 56 30 398 159	1063 505 558 20 78 39 312 109	711 360 351 32 70 24 118 107	538 181 357 20 38 25 164 110	387 220 167 35 15 33 30 54	212 101 111 30 4 17 11	132 71 61 22 11 3 8	37 25 12 8 - - 4	7 4 3 3 - -	2 - 2	-	-	-	-	-	-	-	- - - - -
TYPISTS, CLASS B MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES ² WHOLESALE TRADE RETAIL TRADE FINANCE ³ SERVICES	9,903 2,931 6,972 477 1,037 1,072 3,382 1,004	39.0 38.5 39.5 39.0 39.5 38.0	70.50 73.00 69.50 80.00 72.00 71.00 67.00	-	-	193 24 169 6 60 95 8	65 875 - 73 82 602	304 1448 99 171 156 842	784 1399 26 151 186 691	994 38 219 198	445 984 108 165 189 421	8 2 2 3 4 9 4 7 3 3 8 6 8 1 0 8 2 3 2 2 7	496 191 305 32 126 60 47 40	247 125 122 27 28 20 44 3	188 38 150 65 24 13 3	64 14 50 41 6 - - 3	5 2 3 3	1 1	-	-	-	-	-	-		-	-	-

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.

		Av	erage							N	lumbe	r of w	orkers	recei	iving s	traigh	ıt-tim	e weel	dy ear	nings	of—							
Sex, occupation, and industry division	Number of workers	Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)	60 and	65 - 70	70 - 75	\$ 75 - 80	\$ 80 - 85	85 - 90	90 -	95	100	105	-	115	120	-	130	135	140	-	\$ 150 - 160	160	170 -	180	-	-	and
MEN	-			. 67	70	- /3	00	65	90_	95	100	105	110	115	120	125	130	133	140	145	150	160	_170	180	190		210	ove
DRAFTSMEN, LEADER	466	40.C	\$ 149.50 148.50 154.50	-	-	-	-	=	=	-	2 2 -	2 2 -	8 -	3 3	15 13 2	22 22 -	35 27 8	8 8 84 4	21 21 -	38 23 15	45 43 2	191 117 74	59 40 19	42 23 19	21 21	5 1 4	13 13	3
DRAFTSMEN, SENICR	3,226 2,128 1,098 195 816	39.5 39.5 39.5	135.00 132.50 140.00 137.00 141.00	-	-	-	-	2 2 - -	6 4 2 - 2	22 20 2 1 1	75 69 6 -	48 45 3 - 3	109 97 12 6 5	193 177 16 6 1	279 221 58 14 38	408 250 158 22 128	248 164 84 22 51	333 222 111 33 67	239 134 105 20 76	258 138 120 23 95	249 193 56 8 43	361 145 216 22 179	199 105 94 7 83	100 65 35 3 29	54 34 20 8 9	24 24 - -	19 19 - -	-
DRAFTSMEN, JUNIOR	664 226	39.5 40.0	103.00 98.50 113.50 116.50 113.50	2 2 -	23 21 2 2	23 18 5 2 3	120 106 14 13	256 232 24 - 16	102 83 19 7 8	223 174 49 16 25	158 126 32 13 11	316 260 56 2 47	160 114 46 6 39	176 112 64 9 55	147 88 59 11 43	97 26 71 16 55	181 73 108 87 21	77 8 69 40 23	17 7 10 2 8	38 12 26 - 26	4	18 8 10 - 10	2 2 - -	-	-	- - -	-	-
TRACERS	108	39.5	87.00	-	5	-	6	46	16	13	8	3	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
WOMEN																												
DRAFTSMEN. JUNIOR	59	39.0	111.50	1	2	-	-	1	-	2	4	1	12	5	14	8	7	1	-	1	-	-	-	-	-	-	-	-
NURSES, INDUSTRIAL (REGISTERED) MANUFACTURING NONMANUFACTURING	659 541 118	39.5	107.50 108.00 107.50		1	1	2 - 2	8 6 2	40 37 3	63 46 17	48 39 9	130 111 19	88 76 12	60 45 15	85 76 9	53 37 16	37 32 5	36 33 3	1 -	2 2 -	3 - 3	1 1	-	=	-	=	- - -	-

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.

	,	Ave	rage			Ave	rage		N	Av	erage
Occupation and industry division	Number of workers	Weekly hours 1 (standard)	Weekly earnings 1 (standard)	Occupation and industry division	Number of workers	Weekly hours 1 (standard)	Weekly earnings ¹ (standard)	Occupation and industry division	Number of workers	Weekly hours l (standard	Weekly earnings (standard
OFFICE OCCUPATIONS	_			OFFICE OCCUPATIONS—CONTINUED				OFFICE OCCUPATIONS—CONTINUED			
BILLERS, MACHINE (BILLING		1	\$				\$				\$
MACHINE)		39.5	83.50	CLERKS, FILE, CLASS C	1,168	38.5	60.00	SECRETARIES	16,215	38.5	104.00
MANUFACTURING	578 775	39.0	82.00	MANUFACTURING	267	39.0	64.50	MANUFACTURING	6,456		106.50
NONMANUFACTURING	342	39.5	85.00	NONMANUFACTURING	901 145	38.5 40.0	59.00 57.00	MANUFACTURING	9,759 1,180	38.5	102.50
WHOLESALE TRADE	334	39.5	85.00	FINANCE3	582	37.5	57.50	WHOLESALE TRADE	1.857	39.0	103.50
	1							WHOLESALE TRADE RETAIL TRADE FINANCE ³	1,685	39.5	99.50
BILLERS, MACHINE (BOOKKEEPING				CLERKS, ORDER	3,978	39.5	95.50	FINANCE3	2,492	37.5	100.50
MACHINE)	461 455	38.5	72.50	MANUFACTURING	1.620	39.0	92.00	SERVICES	2,545	37.5	100.50
RETAIL TRADE	236	4C.0	67.00	NONMANUFACTURING	2,358	39.5	98.00	STENOGRAPHERS, GENERAL	7,706	38.5	85.50
RETAIL TRADE	230	1000	0.000	RETAIL TRADE	557	39.5	75.00	MANUFACTURING	3,381	39.0	85.50
BOOKKEEPING-MACHINE OPERATORS,	1	i			, ,	1		MANUFACTURING	4, 325	38.5	86.00
CLASS A	871	39.5	95.00	CLERKS, PAYROLL	2,516	39.0	94.50	PUBLIC UTILITIES2	1,003	39.5	99.00
MANUFACTURING	445 426	39.5	97.00	MANUFACTURING	1,487	39.0	96.00			39.0	86.00
NONMANUFACTURING	208	39.0	91.00	NONMANUFACTURING	1,029	39.0	93.00	RETAIL TRADE	352	39.5	81.00
WHOCESALE TRADE		3700	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		168	39.0	90.50	SERVICES	1,554	37.5	80.00
BOOKKEEPING-MACHINE OPERATORS.	1	i	1	RETAIL TRADE	227	40.0	84.00	32) "	3.00	"
CLASS 8	2,585	38.5	77.00	RETAIL TRADE	118	37.5	103.50	STENOGRAPHERS, SENIOR	3,880	38.5	94.50
MANUFACTURING	639	39.0	88.50	SERVICES	270	38.5	89.00	MANUFACTURING	1.734	38.5	97.50
NONMANUFACTURING		38.5	73.50		3,093	39.5	02.00	NONMANUFACTURING	2,146	38.5	92.00
WHOLESALE TRADE	272	39.5	76.00	COMPTOMETER OPERATORS	800	39.0	82.00	PUBLIC UTILITIES	270 330	39.5 38.5	98.50
FINANCE3	1,090	37.5	69.00	NONMANUEACTURING	2, 293	39.5	80.50	HOLESALE TRADE	734	37.5	92.50
SERVICES	104	38.0	79.50	PUBLIC UTILITIES '	393	40.0	91.00	SERVICES	388	38.0	88.50
		1	l	WHOLESALE TRADE	569	39.5	81.00			İ	
CLERKS, ACCOUNTING, CLASS A	5, 245 2, 240	38.5	108.00	RETAIL TRADE	770	39.5		SWITCHBOARD OPERATORS	1,947	39.0	81.00
MANUFACTURING	3,005	38.5	107.00	FINANCE3	152	37.5	73.50	MANUFACTURING	525 1,422	39.0	78.00
PUBLIC UTILITIES2	511	39.5	114.00	DUPLICATING-MACHINE OPERATORS				PUBLIC UTILITIES 2	244	39.5	96.50
HUOLECALE TRADE	. 730	39.5	112.50	(MINEDGRAPH OR DITTO)	373	39.0	78.00	HUNIECALE TRANE	iii	39.5	87.50
RETAIL TRADE	561	39.0	100.50	MANUFACTURING	202	39.5	75.00	RETAIL TRADE	239	40.0	70.50
FINANCE3	895	37.0	101.50	NONMANUFACTURING	171	39.0	81.50	FINANCE'	311	37.5	81.50
25KA1CE2	308	30.0	109.00	KEYPUNCH OPERATORS. CLASS A	2,736	39.0	88.00	25KA1CF2	517	39.0	68.50
CLERKS, ACCOUNTING, CLASS B	6,784	39.0	84.00	MANUFACTURING	1,233	38.5		SWITCHBOARD OPERATOR-RECEPTIONISTS-	2,507	39.0	82.50
MANUFACTURING	2,330	39.0	87.50	MANUFACTURING	1,503		87.00	l	l - ·	39.0	82.50
MANUFACTURING	4,454	38.5	82.50	District of the state of the st	538	40.0	94.00	NONMANUFACTURING	1,258	39.0	82.50
PUBLIC UTILITIES 2	704	40.0	100.00	WHOLESALE TRADE	213	39.0	90.00	MANUFACTURING	142	39.0	84-00
WHOLESALE TRADE	1,124	39.5	84.00 75.00		237	40.0 37.5	79.50	WHOLESALE TRADE	591 124	39.5	82.00
RETAIL TRADEFINANCE3	1,166		77.50	FINANCE	431	31.3	81.00	FINANCE3	214	36.5	84.00
SERVICES	476			KEYDINCH OPERATORS, CLASS R	4,014	39.0	79.00	SERVICES	187	39.0	85.0
			1	MANUFACTURING	1,415	39.5	80.50				
CLERKS, FILE, CLASS A	1,048		84.50	NONMANUFACTURING	2,599	39.0		TABULATING-MACHINE OPERATORS,	1		1
MANUFACTURING	371		88.00	PUBLIC UTILITIES '	389		90.00	CLASS A	1,129	39.0	115.50
HUNIESALE TRADE	102		79.50		580 360	39.5	79.00	NONMANUFACTURING	464 665	39.5	115.50
WHOLESALE TRADE	308		78.00	FINANCE3	989		74.00	WHOLESALE TRADE	165	39.5	121.0
SERVICES	- 137	37.0	82.50	FINANCE3		39.0	78.00	WHOLESALE TRADEFINANCE 3	247	37.5	111.50
CLERKS. FILE. CLASS B	4,697		70.00	OFFICE BOYS AND GIRLS	2,993	38.5		TABULATING-MACHINE OPERATORS.			
MANUFACTURING	1,405		71.00	MANUFACTURING	798	39.0	69.00	MANUFACTURING	1,755	39.0	98.5
NONMANUFACTURING	3,292 408		86.00	NONMANUFACTURING	2,195	38.5	66.50	MANUFACTURING	684	39.0	106.5
			72.50	PUBLIC UTILITIES 2	323		79.50	NONMANUFACTURING	1.071 254	39.0	97.0
RETAIL TRADE	468		68.50	RETAIL TRADE	265	39.5	65.50	WHOLESALE TRADE	270	39.5	98.5
RETAIL TRADE	1,561	37.5	65.50	FINANCE3	1,019	38.0	64.00		134	39.5	96.0
SERVICES	- 330	38.5	66.00	SERVICES	378		65.00	FINANCE 3	325	37.5	92.0

		Ave	rage			Av	erage			Av	verage
Occupation and industry division	Number of workers		Weekly earnings ¹ (standard)	Occupation and industry division	Number of workers	Weekly hours ! (standard	Weekly earnings 1 (standard)	Occupation and industry division	Number of workers	Weekly hours 1 (standard	Weekly earnings (standard)
OFFICE OCCUPATIONS—CONTINUED TABULATING—MACHINE OPERATORS. CLASS C	865	39.5	\$ 82.50	MANUFACTURING		38.5 39.0	\$ 70.50 73.00	PROFESSIONAL AND TECHNICAL OCCUPATIONS—CONTINUED DRAFTSMEN, SENIOR	3, 239	39.5	\$ 135.00
MANUFACTURING	274	39.0	85.00	NONMANUFACTURING		38.5	69.50	MANUFACTURING	2,135	39.5	132.50
NONMANUFACTURING	591	39.5	81.00	WHOLESALE TRADE	485 1,106	39.5	80.00 72.00	NONMANUFACTURING	1,104		140.00
PUBLIC UTILITIES2	189	40.0	88.00	RETAIL TRADE	1,072	39.5	71.00	SERVICES	195 820		137.00 141.00
WHOLESALE TRADE	161 124	40.0 39.0	80.00	FINANCE3	3,383	38.0	67.00	SEKAICES CONTRACTOR	820	39.5	141.00
FINANCE	124	39.0	80.00	SERVICES	1,015	38.0		DRAFTSMEN, JUNIOR	2,199	39.5	103.50
TRANSCRIBING-MACHINE OPERATORS.			1			1	1	MANUFACTURING	1,497	40.0	98.50
GENERAL	2,366	38.5	80.00					NONMANUFACTURING	702	39.5	113.50
MANUFACTURING	1,042	39.0	81.50	PD0PD000000000000000000000000000000000		ļ	İ	PUBLIC UTILITIES 2			115.50
NONMANUFACTURING	1,324	38.0	78.50	PROFESSIONAL AND TECHNICAL OCCUPATIONS				SERVICES	422	39.0	113.50
WHOLESALE TRADE	305	39.5	77.5C	OCCUPATIONS							
RETAIL TRADE	105	40.0	77.50		ĺ	ĺ	ĺ	NURSES. INDUSTRIAL (REGISTERED)	663		108.00
FINANCE3	492	37.5	75.00			i		NONMANUFACTURING	544 119		108.00
2EKA1CE2	330	37.0	79.50	DRAFTSMEN. LEADER	621	39.5	149.50	HOMPANOPACTORING	119	39.3	107.50
TYPISTS. CLASS A	5,549	38.5	82.50	MANUFACTURING	471	40.0		TRACERS	126	40.0	88.00
MANUFACTURING	2.509	39.0	83.50	NONMANUFACTURING			154.00		120	1	1 00.00
NONMANUFACTURING	3,040	38.0	82.00		1.50		1		İ	1	1
PUBLIC UTILITIES2	204	39.5	93.00			ì	1			1	
WHOLESALE TRADE	310	39.5	83.50							i	1
RETAIL TRADE	266	39.5	81.00								
FINANCE3	1,463	37.5	79.50								
SERVICES	797	38.0	83.50					 			

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.

										Num	ber of	worke	rsre	ceivin	g stra	ight-ti	me ho	urly e	arning	s of—	-							
Occupation and industry division	Number of workers	Average hourly earnings ¹	Under \$ 2.00	\$ 2.00 and under	\$ 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	\$ 4.00 -	\$ 4.20	\$ 4.40 -	\$ 4.60	\$ \$ 4.80 5	.00
CARPENTERS, MAINTENANCE MANUFACTURING	1,096 516 580	\$ 3.52 3.20 3.81		2.10	2.20 ; 1 - 1	2.30 : - -	3 1 2	2.50 2 1 1	7.60 77 6 71	2.70 61 29 32	2.80 46 26 20	2,90 54 46 8	63 38 25	83 75 8	3.20 54 49 5	76 71 5	29 27 27	86 45 41	3.60 57 51 6	3.70 11 11	3.80 8 1 7	33 30 3	4 - 20 4 2 2		336 4 332	4.80 4 - 4	5.00 5 - -	<u>.20</u>
PUBLIC UTILITIES 2	130 148 240 58	2.83 3.64 4.39 4.02	-	-	<u>-</u> 1 - -	-	2 -	1	68 3 - -	28 - -	16	3 2 1 2	19 1	4 1 2	4 -	- 4 1 -	- 2	28 1 -	- - 4	-	6 1 -	3 +	- 2	5	67 231 34	4	-	-
ELECTRICIANS, MAINTENANCE MANUFACTURING NONMANUFACTURING RETAIL TRADE FINANCE' SERVICES		3.47 3.39 3.65 3.51 4.24 3.61	-		-	-	-	28 6 22 1 -	34 34 - - -	59 57 2 - - 2	193 115 78 1 -	92 70 22 - -	102 66 36 8 -	137 136 1 -	319 305 14 6 - 3	192 93 99 5 - 89	208 194 14 - - 2	352 298 54 17 -	333 323 10 - 6 -	334 259 75 19 47 6	72 15 57 - 23 16	323 56 267 1 - 2	67 66 1 1 -	11 4 7 - 4 3	6 - - - -	223 97 126 6 89 31	10 10 - - - -	1 1 - 1
ENGINEERS, STATIONARY MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES 2 RETAIL TRADE FINANCE 3 SERVICES	2,146 886 1,260 108 281 511 313	3.41 3.33 3.47 2.84 3.61 3.64	-	-	12	-	13 	27 17 10 5 - - 5	26 25 1 - 1 -	136 76 60 44 - - 16	130 96 34 33 1	9 7 2 - -	33 33 - - - -	89 56 33 8 3 1	46 33 13 1 5 5	128 51 77 - 9 - 68	186 56 130 - 48 1 74	75 48 27 16 5	194 70 124 7 98 18	665 57 608 - 130 385 93	111 67 44 - 19 21	176 110 66 1 49	83 79 4 - 4 -	5 3 2 - - - 2	-	1	-	1
FIREMEN, STATIONARY BOILER MANUFACTURING NONMANUFACTURING	949 594 355 50 82 131	2.85 2.74 3.03 2.83 3.16 2.92	22	19	18 13 5 - -	53 53 - - -	88 67 21 - 1 20	81 73 8 8 -	33 19 14 11 3	43 39 4 4 -	95 43 52 8 4 40	34 27 7 3 - 4	11 8 3 - 3	22 14 8 - 1 7	55 46 9 - 9	304 83 221 16 61 57	9	15 15 - - - -	42 42 - - -	3 - 3 - 3	-	2 2	-		-	-	-	-
HELPERS, MAINTENANCE TRADES MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES ²	1,487 1,184 303 150	2.64 2.62 2.68 2.61	41	42	38 16 22 -	45 42 3 -	72 68 4 3	192 147 45 43	310 278 32 24	167 135 32 9	173 101 72 71	150 127 23	21 13 8 -	99 63 36 -	8 3 5 -	107 106 1	15 15 -	-	-	-	2 2 - -	-	-	-	- - -	-	-	-
MACHINE-TOOL OPERATORS, TOOLROOM MANUFACTURING	1,592 1,590	3.30 3.30		-	=	=	-	6 6	30 30	47 47	110 110	90 90	38 38	106 105	89 89	137 137	308 307	136 136	177 177	160 160	93 93	48 48	15 15	2 2	-	_	-	-
MACHINISTS, MAINTENANCE MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES ²		3.47 3.47 3.45 3.45	<u> </u>	-		-	-	8 8 - -	18 16 -	41 40 1 1	57 18 39 39	53 53 - -	87 83 4 2	44 44 - -	289 289 - -		172 160 12	381 378 3	407 404 3	343 339 4 2	66 59 7 7	98 23 75 65	32 31 1	25 25 -	16 16 -	135 135 -	14 14 -	1 1
MECHANICS, AUTOMOTIVE (MAINTENANCE) MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES HHOLESALE TRADE RETAIL TRADE	2,424 589 1,835 1,516 134 115	3.39 3.26 3.43 3.46 3.37 3.40	-	-	-	-	-	-	16 4 12 - -	127 52 75 72 3	64 26 38 38 -	34 2 32 32 -	53 30 23 13 1	41 2 39 22 16 1	147 35 112 75 5	158 93 65 22 35 8	286 176 110 60 12 38	304 83 221 122 25 52	946 80 866 833 27	140 4 136 132 - 4	82 2 80 80	26 - 26 15 10 1		-	-	-	- - - -	-
MECHANICS, MAINTENANCE	3,592 3,106 486	3.20 3.15 3.48	5 -	-	-	8 8 -	61 61	114 114 -	125 122 3	70 60 10	158 125 33	285 279 6	300 283 17	333 319 14	268 250 18		246 226 20	493 426 67	364 363 1	196 180 16	94 65 29	185 185	1 1 -	2 2 -	- -	1 1	-	-
MILLWRIGHTS MANUFACTURING	1,537 1,513	3.31 3.31		_	-	-	-	1	3	11 11	21 18	52 52	81 81	60 57	262 256	170 164	411 410	70 70	338 337	8 8	17 13	6	26 26	-	-	-	-	-
MANUFACTURING	690 657	2.63			19 19	72 72	50 50	108 108	86 81	94 94		108 108	43 43	22 22	16 9	22 1	13 13	-	-	_ =	1 1	-	-	-	-	-	-	-

										Nu:	mber	of wor	kers r	eceivi	ing str	aight-	time !	hourly	earni	ngs of-								
Occupation and industry division	Number of workers	Average hourly earnings 1	Under \$ 2.00	\$ 2.00 and under	\$ 2.10	\$ 2•20 -	\$ 2.30	\$ 2.40 -	\$ 2.50 	\$ 2.60 -	\$ 2.70 -	\$ 2.80 -	\$ 2.90 -	\$ 3.00 -	\$ 3-10 -	\$ 3.20 -			\$ 3.50	\$ 3.60 -	\$ 3.70 -	\$ 3.80 -	\$ 4.00	\$ 4.20 -	\$ 4.40 -	\$ 4.60 -	\$ 4.80 -	5.0
		-	_	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00	3.10	3.2C	3.30	3.40	3.50	3.60	3.70	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.2
		١																										
PAINTERS, MAINTENANCE MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES RETAIL TRADE FINANCE 3	923 354 569 141 56 305	\$ 3.49 3.23 3.65 2.96 3.74 4.00	-	-	-	1 1 -	8 - 8 - -	21 9 12 4 -	12 12 12	16 3 13 13 -	83 24 59 58 1	_	61 45 16 - 14	37 35 2 - 2	49 46 3 - 1	27 27 - - -	46 24 22 20 -	61 18 43 32 1	41 - -	16 9 7 - - 7	5 4 1 -	38 33 5 - -	337 11 326 1 13 284	39 - 39 - 24 14	-	-	-	
PIPEFITTERS, MAINTENANCF MANUFACTURING NORMANUFACTURING	1,178 954 224	3.47 3.37 3.88	-	=	=	-	=	=	25 25 -	7 7 -	21 8 13	20 19 1	47 43 4	93 93 -	99 62 37	42 42 -		132 111 21	251 250 1	34 31 3	24 18 6	37 2 35	45 45 -	26 1 25	8 - 8	66 5 61	=	
PLUMBERS, MAINTENANCE	149 54 95	3.41 3.14 3.56	-	=	=	-	=	5 - 5	1 1 -	=	31 7 24	8 2 6	6 6 -	22 21 1	5 4 1	18 8 10	3 1 2	8 - 8	=	=	1 1 1	- -	2 - 2	6 - 6	14 1 13	20 3 17	Ξ	
SHEET-METAL WORKERS, MAINTENANCE MANUFACTURING	262 254	3.33 3.35		-	-	-	-	-	-	-	15 8	9	4 3	34 34	22 22	14 14	22 22	63 63	68 68	4	5 5	-	1 1	Ξ	1	-	-	
TOOL AND DIE MAKERS	4,518 4,518	3.61 3.61	-	-	-	-	-	-	-	-	2	101 101	47 47	82 82			299 2 9 9		482 482	335 335		896 896	225 225		8 8	_	-	

Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.
 Transportation, communication, and other public utilities.
 Finance, insurance, and real estate.

																aight-		,										
Occupation and industry division	Number of	Average hourly	Under	\$ 1.10	\$ 1.20	\$ 1.30	\$ 1.40			•						\$ 2.30								\$ 3.10		3.30	\$ 3 3.40 3	6 3.50
,	workers	earnings	1.10	and	-	-	_	-	_	-	-	-	-	-	_	_	-	_	_	-	-	_	_	_	_	_	_	and
			1.10			1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00	3.10	3.20	3.30	.40	3.50	ove
			ļ																									
ELEVATOR OPERATORS, PASSENGER NONMANUFACTURING PUBLIC UTILITIES	926 910 62	\$ 2.24 2.24 2.42	26 26 -		8 8 -	20 20 —	37 37	4	31 31	32 29	6	1 1	8 8 8	-	7 7 6	25 15 6	662 659	56 56 42		1 1	-	-	-	:	- - -	-	-	-
ELEVATOR OPERATORS, PASSENGER																												
NONMANUFACTURING	415	1.46	19		34 34	24 12	76 76		111	10 10	35 35	_	8	2	_	_	_	-		_	_	_	_	-	-	-	_	-
RETAIL TRADE	224	1.37			22	12	30	42	29	10	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS AND WATCHMEN	5,862	1.98	17					1198		180	389	286	536 383	324 171	137 64	202 84	117 72	144 59	256 119	528 160	173 145	153 134	32 31	17 17	-	-	-	-
NONMANUFACTURING	2,176 3,686	2.21 1.85			34 71	30 159			147 210	49 131	255 134	154 132				118	45		137		28	19	i	-	-	-	-	-
GUARDS: MANUFACTURING	1,253	2.40				6				8	106	120	216	109	36	30	31	45	86	137	143	132	31	17				
WATCHMEN: MANUFACTURING	923	1.95	-	-	34	24	35	33	147	41	149	34	167	62	28	54	41	14	33	23	2	2	-	_	_	_	-	-
JANITORS, PORTERS, AND CLEANERS		2.08	133	44	253	407	403	631	758		1451					2192			473	312	250	56	20	1	_	-	-	-
MANUFACTURING		2.12	133	44	57 196	192 215	15 388	152 479	354 404		800 651	923 183	797 157	698 237		711 1481		193	428 45	275 37	205 45	9 47	16 4	1	_	-	-	-
PUBLIC UTILITIES3	947	2.31		-	170	213	-	17	-	6	32	8	26	50		144	31	141	17	30	6	10		_	_	_	-	-
WHOLESALE TRADE	554	2.08	-	-	-	19	23	60	19	29	10	55	_4	46		111	77	5	26	6	-	5	-	-	-	-	-	-
RETAIL TRADE	1,632	1.81		40	75	47	61	158	281	175 16	3 0 8 20	44 8	79 10	69 37	53 15	34 975	58 678	46 49	1	- 1	38 1	28 4	4	_	_	-	_	-
SERVICES		1.70		4	121	149	304	244	104	122		68	38	35	49	217	-	53	ī	-	-	-	-	-	-	-	-	-
JANITORS, PORTERS, AND CLEANERS	5, 709	1.83	4	40	15	139	0.5	284	100	362	2005	171	186	126	160	49	31	18	13	_	_	1	1	_	_	_	_	_
MANUFACTURING	719	1.96		40	19	29	4	62	26	95		74		69	64	33	23	16	13	_	_	i	i	_	_	_	_	-
NONMANUFACTURING		1.81	4		15	110	91	222	83		3827	97	55	5 7	96	16	8	2	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES3	414	1.92			_	10	-	57	9 5	210 19	47 28	10	10	49	69	15	7	2	_	_	_	_	_	_	_	-	_	-
RETAIL TRADE	140 231	1.67			3	21	34	62	51		20	22	. 1	_	_	1	-	_	_	_	_	_	_	_	_	_	_	-
FINANCE ⁴	3,059	1.84		~	, -	-	9	20	4		2921	59	43	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
LABORERS, MATERIAL HANDLING		2.44		1	51	58	94	223 98	513 338		1078 683					1941 479				1912 362	851 381		3504 918	315 20	41 30	14 14	6	12
NONMANUFACTURING		2.30		1	51	58	16 78	125	175		395					1462				1550	470		2586	295	11	17	-	12
PUBLIC UTILITIES3	6.717	2.76	-		-	-	-	-			-	1	6	2	49	666	1231	204	321		64		2245	-	11	-	-	-
WHOLESALE TRADE	3,534	2.34		_	_	-	6	2					310				280 84			159	32	48		22	-	-	-	-
RETAIL TRADESERVICES	2,599 174	2.37 1.72		1 -	33 18	58 -	69 3	110 13	112 32	110 57	139 10	63 13	21	150 1	286 6	118	-	47	76 -	104	374	-	191	273	-	-	-	-
ORDER FILLERS	9,700	2.45		_	_	3	54	166	157		175	229				843				780	664	105	194	272	20	48	12	27
MANUFACTURING	3, 298	2.37		-	-	3	20 34	50 116	56 101	36 182	90	78 151		334 103		525 318	312	285 1202	398 829	138	81 583	52 53	7 187	17	20	48	12	27
PUBLIC UTILITIES	6,402 154	2.49		_	_	-	34	110	101	182	85	121	7	3	231 4	13	49	8	66	-	- -	-	101	299	_	_	_	_
WHOLESALE TRADE	5,078	2.47	· -		_	-	25	76	35	80	53		403	71	195	255	772	1175	719	544	542	3	-	2	-	-	-	-
RETAIL TRADE	1,169	2.55	-	-	-	3	9	40	66	98	32	23	83	29	32	50	13	19	44	97	41	50	187	253	-	-	-	-
PACKERS, SHIPPING		2.28		_	68	94	81		256			427		600	383		903	752	337	441	365	129	37	61	17	19	27	79
MANUFACTURING		2.30			24 44	52 42	24 57	100 113	108 148	165 145	96 272	362 65		350 250	302 81		477 426	382 370	57 280	279 162	90 275	113 16	35 2	61	17	19	27	79
WHOLESALE TRADE		2.28				40	32	63	76		233	52		212	50	117		358	272	160	208	-	-	_	-	-	-	-
RETAIL TRADE	475	2.10		-	4	2	25	36	69	34	31	12	24	36	29	32	34	12	8	2	67	16	2	-	-	-	-	-

										Nur	nber	of wor	kers r			-				-								
Occupation 1 and industry division	Number of workers	Average hourly earnings ²	Under \$ 1.10	and under	-	-	-	1.50	1.60 -	-	-	1.90	2.00	2.10 -	2.2C -	2.30	2.40	2.50	2.60 -	2.70	-	2.90 -	3.CO -		-	\$ 3.30 - 3.40	-	and
PACKERS. SHIPPING (MOMEN)	2,539 1,396 1,143 476	\$ 1.83 1.95 1.69	-	1 1 1	34 - 34 4	81 29 52 12		179 59 120 26	398 137 261 86		346 215 131 112		225 131 94 92			26 26 -	10 10 -	3 3 -	1 1 -	2 2 -	8 8 - -	4 4 -	-	1 1	-	1 1 -	6 6 -	12
RECEIVING CLERKS MANUFACTURING NONMANUFACTURING HUDLESALE TRADE RETAIL TRADE	2,304 1,049 1,255 534 427	2.50 2.53 2.48 2.43 2.45	•-	- - - -	- - - -	-	1 1 - 1	6 - 6 - 6	14 - 14 - 14	30 - 30 - 28	42 6 36 19 15	70 43 27 19 8	128 82 46 19 26	126 36 90 74 11	189 57 132 89 42	218 128 90 12 78	201 121 80 60 16	296 132 164 80 21	399 92 307 76 42	185 150 35 17 13	79 42 37 28 6	126 64 62 41 3	69 62 7 - 6	110 20 90 - 90	1 - 1 1	13 13 - -	-	1
SHIPPING CLERKS	1,331 824 507 320 162	2.62 2.69 2.51 2.63 2.31	- - - -	-	1 1 - 1	1 1 - 1	-	-	2 - 2 - 2	9 5 4 - 4	56 25 31 -	35 20 15 12 3	41 36 5 - 5	78 33 45 32 13	67 32 35 19 16	82 36 46 1 44	77 19 58 48 10	186 139 47 24 18	139 63 76 67 6	85 69 16 10 5	106 51 55 52 3	139 106 33 31 2	46 35 11 1 8	37 35 2 - 2	64 64 - -	54 34 20 19 1	11 9 2 2	15 13 2 2
SHIPPING AND RECEIVING CLERKS MANUFACTURING NDNMANUFACTURING HHOLESALE TRADE RETAIL TRADE	1,177 397 780 579 139	2.71 2.76 2.68 2.80 2.37	-	- - - -	-	-	-	1 1 - 1	1 1 1	9 9 - -	61 24 37 10 5	37 14 23 2 11	94 10 84 57 27	35 23 12 2 10	51 15 36 21 7	64 15 49 38 11	56 9 47 19 25	46 19 27 21 4	65 10 55 44 9	29 12 17 15	87 23 64 57 6		203 57 146 127 13	46 46 38 3	31 22 9 8	91 34 57 57	22 22 22	49 26 23 23
TRUCKDRIVERS ⁵	2,056	3.14 3.08 3.15 3.17 3.15 3.08	- - - -	-	-		-	14 - 14 - 14	1 1 - - 1	-	-	43 5 38 - 38	17 16 - - 14	11 8 3 - -	62 10 52 - - 52	6 6 2	209 32 177 38 133 6	37	145 7 138 92 38 8	76	359	236 958 526 101	321 2481 1965 287	933	197 3903 3004 596	100 2276 985 1026	231 35 196 144 12 40	63 17 46 12 -
TRUCKDRIVERS, LIGHT (UNDER 1-1/2 TONS)	2,666 1,841 1,134 109	2.98 2.92 3.06 2.41	- - - -	-	-	- - -	-	14 14 - 14	1 1 - 1	-	-	38 38 - -	14 14 - 14	3. 3 -	3 9 3 9 - 3 9		151 151 12 6	24 13 13	3 - -	24 1 -	309 305 -	497	266 213 212 1	532	- - -	12 12 - 12	39 4 - -	1 1 - 1
TRUCKORIVERS, MEDIUM (1-1/2 TO AND INCLUDING 4 TONS)	4,939 494 4,445 2,568 1,538	3.10 2.97 3.11 3.09 3.18	-	-	- - - -	-	-	-	-	-	-	-	3 1 2 -	8 - -	23 10 13 -	8 6 2 2	4 2 2 2	25 10 15 7	84 80 80	13 11 2 - 2	31	192 374 50	112 1382 1133	2143 80 2063 1282 766	27 279	198 - 198 - 198	8 - 8 - 8	1 2 1 2 1 2
TRUCKDRIVERS, HEAVY (OVER 4 TONS, TRAILER TYPE) MANUFACTURING ————— PUBLIC UTILITIES3 ————— MHOLESALE TRADE ————— RETAIL TRADE ————————————————————————————————————	7,014 568 6,446 4,408 1,000	3.25 3.15 3.25 3.26 3.26 3.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25 25 - - -	2 1 1 1 -	2 - 2 - 2	10 10 10	24 ⁻ 24 - 3 21	63 31 32 - - 32	512 136 376 155 84 137	132 863	129 3392 2956 185	1538 769 534	175 175 135 - 40	48 15 33 - - 33
TRUCKDRIVERS, HEAVY IOVER 4 TONS, OTHER THAN TRAILER TYPE	1,525 98 1,427 766 482	3.17 3.00 3.18 3.17 3.27	- - - -	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4 1 3 1	6 - 6 -	87 42 45 -	17 - 17 - 16	- 52	6	231 -231 75 153	41	1 528 216	9 - 9 9	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, Chicago, Ill., April 1964)

										N	umber	of wo	rkers	receiv	ing st	raight	-time	hourly	y earn	ings o	í—							
Occupation 1 and industry division	Number of workers	Average hourly earnings ²	Under \$ 1.10	and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ 2.80 - 2.90	-	-	-	-	-	-	and
TRUCKERS, PDWER (FORKLIFT)	5, 406 4, 516 890 103 667 102	\$ 2.60 2.59 2.70 2.69 2.73 2.62	-					24 24	1	10:	2 16	52 48 4 -	2 126 3 116 4 10	444 422 22 16 3	345 330 15 - - 14	450 431 19 3 12 2	643 473 170 41 120 7	524 462 62 10 47 5	334 227 107 4 92 11	570 447 123 18 103 2	1122 1065 57	245 43 202 - 201 1	203 163 40 - 40	151 100 51 27 24 -	4 4 - - -	144	. 8	666

Data limited to men workers except where otherwise indicated. Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. 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, Chicago, Ill., April 1964)

			In	experie	nced ty	pists					Otl	ner inex	perienc	ed cler	ical worker	s ²		
		N	lanufact	uring		Noi	nmanufa	cturing			N	anufact	uring		No	nmanufa	cturing	
Minimum weekly straight-time salary 1	All indus-		Base	ed on st	andard	weekly hour	s 3 of			All indus-		Base	d on st	andard	weekly hour	s³ of—		
	tries	All sched- ules	371/2	383/4	40	All sched- ules	371/2	38 ³ /4	40	tries	All sched- ules	371/2	383/4	40	All sched- ules	371/2	38 ³ / ₄	40
Establishments studied	527	218	xxx	xxx	xxx	309	xxx	xxx	xxx	527	218	xxx	xxx	xxx	309	xxx	xxx	xxx
Establishments having a specified minimum	266	128	18	14	91	138	31	10	83	279	125	16	13	90	154	32	10	95
\$40.00 and under \$42.50	2 - 11 - 5 17 25 5 23 30 41 15 16 6 6 9 2 - 13	2 2 1 6 12 24 15 23 5 8 3 4 5 5 10 5	1 2 4 4 5 4 4 1 1 1	1 1 4 3 3 - 1	1 1 5 8 15 9 16 5 4 4 3 3 4 1 - 8 5	2 	1 1 1 5 5 9 5 3 2 2 - 3 3	1 1 2 1 1	2	2 - 1 - 24 13 33 30 57 23 27 15 8 3 4 8 2 - 14 9 3	4 4 13 2 14 13 16 13 16 5 2 2 2 3 5 5 2 2 - 9 9 5	5 3 2 2 2 1 1 1	11	3 2 2 9 9 17 6 11 5 2 2 2 4 1	2 - - 20 11 19 17 31 10 6 11 13 3 - 5 4 1	1 1 2 2 5 5 2 2 6 6 10 2 1 1 2 2 - 1 1	1 1 1 1 3 2 2 - 1 1 1	2 16 4 14 14 13 5 5 5 5 5 5 5 5 4 1 1 1 1 1 1
\$97.50 and over	1 128	59	xxx	xxx	xxx	69	xxx	xxx	xxx	2 147	63	xxx	xxx	2 xxx	- 84	xxx	×××	xxx
Establishments which did not employ workers in this category	133	31	xxx	xxx	xxx	102	xxx	xxx	xxx	101	30	xxx	xxx	xxx	71	xxx	xxx	xxx

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, Chicago, Ill., April 1964)

		Percent of manufactu	ring plant workers-	-
Shift differential	In establishmer provisio	nts having formal ns ¹ for—	Actually w	orking on-
	Second shift work	Third or other shift work	Second shift	Third or other shift
otal	92.5	80.8	18.2	5.9
ith shift pay differential	92.0	80.0	18.0	5.8
Uniform cents (per hour)	53.0	45.2	10.8	3.8
5 cents	5.9	1.2	1.1	_
6 cents	.8	-	_3	
7 cents	.4	.8	(²)	(²)
7 ¹ / ₂ cents	.5	.5	`.í	1 .1
8 cents	7.8	.8	2.2	.1
8 ¹ / ₂ cents]	.7	- 1	.2	_
9 cents	1.4	_	.2	_
10 cents	22.8	11.6	3.8	.7
11 cents	.7	.4	. 2	l i
12 cents	3.9	8.3	1.3	1.5
12 ¹ / ₂ cents	.2	1.2	(²)	1
13 cents	.5	.7	`.ź	(2)
14 cents	1.5	1.1	.4	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
14 ¹ / ₂ cents	1.5	.7		(²) .2 .2
15 cents	3.7	10.8	.6	.5
16 cents	J.,	2.1	.0	.1
17 cents	Ξ	1.4	Ξ	
18 cents	(²)	.8	(²)	(²)
20 cents	1.1	2.5	.1	
22% ₁₀ cents	.8	1 2.3	.1	
25 cents	••	(²)	• 1	-
27 ⁴ / ₅ cents	.5	.5	.1	-
2/75 cents	.5	.5	.1	-
Uniform percentage	34.1	26.9	5.8	1.2
5 percent	5.5	.5	1.5	_
6 percent	1.0	-	.4	_
7 percent	.7	1.0	(²)	(²)
71/2 percent	.4	.2	i .í	(2)
10 percent	24.7	19.5	3.6	\ '.7
12 percent	_	.7		(2)
12½ percent	.4	4	(²)	1 '-'
13 percent		.2	l `-'	(2)
15 percent	1.3	4.4	.1	.4
Full day's pay for reduced hours		.4		(²)
Full day's pay for reduced hours, plus				
cents per hour		1.1		.2
cems per nour	-	1.1	_	1
Other formal pay differential	4.8	6.3	1.4	.6
Vith no shift pay differential	.6	.8	.2	(²)

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

Table B-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, Chicago, Ill., April 1964)

			c	FFICE WORKE	R.S					PLANT V	VORKERS		
Weekly hours	All industries	Manufacturing	Public utilities 1	Wholesale trade	Retail trade	Finance ²	Services	All industries 3	Manufacturing	Public 1 utilities	Wholesale trade	Retail trade	Services
ll workers	100	100	100	100	100	100	100	100	100	100	100	100	100
35 hours	(*) 4 17 (*) 9 (*) 60 (*) (*) (*)	4 - 2 (4) 19 1 13 - 60 - - -	2	1 1 1 15 - 13 2 66 - - 2	11 (4) 88 -	11 2 15 4 4 4 4 8 - 8	22 - 1 6 24 1 2 9 2 34 1 - -	2 (*) 1 - - 3 (*) (*) (*) (*) (*) 1 (*) 1 2 1	3 - - 3 - (4) - 89 1 - - 2 (4) 1	98	(⁴)	1 6 1 81 - 3 1 - 5 5 2	2 3 - 3 - 3 - 4 4 4 9 - - 14

Transportation, communication, and other public utilities.
 Finance, insurance, and real estate.
 Includes data for real estate 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, Chicago, Ill., April 1964)

			0	FFICE WORKE	R.S					PLANT	WORKERS		
Item	All industries	Manufacturing	Public utilities 1	Wholesale trade	Retail trade	Finance ²	Services	All industries 3	Manufacturing	Public utilities 1	Wholesale trade	Retail trade	Services
All workers	100	100	100	100	100	100	100	100	100	100	100	100	100
Workers in establishments providing paid holidays Workers in establishments providing no paid holidays	100	100	100	100	100	100	100	99	100	98 2	100	98 2	91 9
Number of days													
Less than 6 holidays 6 holidays 6 holidays plus 1 half day 6 holidays plus 2 half days 6 holidays plus 3 half days 7 holidays plus 3 half days 7 holidays plus 1 half day 7 holidays plus 2 half days 8 holidays plus 1 half day 8 holidays plus 1 half day 8 holidays plus 1 half day 10 holidays plus 2 half days 10 holidays plus 2 half day 10 holidays plus 1 half day 11 holidays plus 2 half days 11 holidays plus 2 half days 11 holidays plus 1 half day 12 holidays plus 1 half day 13 holidays plus 1 half day 14 holidays plus 1 half day 15 holidays plus 1 half day 16 holidays plus 1 half day 17 holidays plus 1 half day 18 holidays plus 1 half day 19 holidays plus 1 half day 19 holidays plus 1 half day 10 holidays plus 1 half day 11 holidays plus 1 half day	(4) 24 3 9 1 28 4 3 (4) 10 1 3 6 (4) 1 1 (4)	19 5 15 30 5 5 11 1 1 6 (4)	5 2 6 5 5 1 1 - 22 - 14	1 31 3 17 2 2 2 6 1 1 3 1 1 - 4	1 46 1 3 1 45	18 1 1 4 9 4 2 - 6 1 9 5 - 3 3 30 2	1 56 4 (*) (*) (*) 11 (*) 11 1 9 - 5 2 - 2	2 27 2 9 (4) 35 1 3 - 13 (4) (4) 4 (4) - - (4)	1 12 3 13 13 14 4 2 4 1 15 (4) 4 1 1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	23	2 26 3 21 3 22 1 2 2 1 1 1 1 1 6 6	1 74 - 16 - 1 - 4	17 63 - 3 (4) 3 1 2 - 1 (4)
Total holiday time 5 12 days	(4) 1 8 8 8 17 18 31 36 72	- - (⁴) 8 9 26 31 76	- - - 14 14 36 36 92	- - - - 4 5 19 26 65	- - - - - 4 5 53	1 3 36 40 40 53 54 62 71 81	- 2 2 2 2 2 7 8 28 28 28	(4) (4) (1) 5 5 21 23 68	- 1 1 5 25 27 84	- - - 13 13 35 35	- - - - 6 7 21 26	- - - 6 6 23	(4) (4) (4) (4) (4) 4 5
6 days or more 5 days or more 5 days or more 4 days or more	75 100 100 100	81 100 100 100	95 100 100 100	69 99 100 100	53 99 99 100	82 100 100 100	44 99 100 100	70 97 98 99	87 99 99 100	76 98 98 98	72 98 100 100	23 97 97 98	11 74 88 91

Transportation, communication, and other public utilities.

Finance, insurance, and real estate.

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

Less than 0.5 percent.

Less than 0.5 percent.

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 combinations.

Proportions were then cumulated. 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 Vacations¹

(Percent distribution of office and plant workers in all industries and in industry divisions by vacation pay provisions, Chicago, Ill., April 1964)

			0	FFICE WORKE	R.S					PLANT	WORKERS		
Vacation policy	All industries	Manufacturing	Public utilities 2	Wholesale trade	Retail trade	Finance 3	Services	All Industries ⁴	Manufacturing	Public utilities 2	Wholesale trade	Retail trade	Services
All workers	100	100	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	99 99 1 (⁵)	100 99 1 (⁵)	100	100 99 1 -	100 96 4 - -	99 99 - - - (⁵)	100 100 - - -	99 93 6 (⁵) 1	100 91 7 - 2	98 98 - - - 2	100 98 2 -	99 94 5 1 -	100 90 8 - 2
Amount of vacation pay 6 After 6 months of service							·						
Under 1 week	6 46 9 3	10 49 7 7	27 - -	1 32 6	1 20 16 (⁵)	5 69 16 2	7 61 5	17 13 2 (⁵)	27 11 3 1	3	6 23 2	1 22 4 -	5 12 (⁵)
After 1 year of service													
Under 1 week	24 (⁵) 74 - 2	18 1 77 - 4	50 - 50 - -	33 - 65 - 2	58 - 41 - 1	(⁵) 99	16 - 84 - -	(5) 77 1 19 (5) 2	(⁵) 80 2 14 1 3	74 - 24 - -	64 3 33 - -	67 - 32 - -	83 - 17 -
After 2 years of service											- -		
l week	3 4 89 (⁵) 4	88 (5) 8	8 36 56 -	1 97 - 2	1 - 98 - 1	99	2 - 97 1 -	37 6 52 1 2	47 7 39 1 4	38 12 48 - -	26 4 69 - -	7 - 91 - -	34 7 59 - -
After 3 years of service													
1 week	(5) (5) 93 1 5	1 (⁵) 88 2 8	100	96 - 4	- 99 - 1	97 2 1	(⁵) 86 1 13	5 8 82 2 3 1	8 12 72 3 4 1	98 - -	3 3 91 - 3 -	2 - 98 - -	99 - 1
After 4 years of service					:								
1 week	(5) (5) 93 1 5	1 (⁵) 88 2 8	100	96 - 4	- - 99 - 1	- - 97 2 1	(⁵) - 86 1 13 -	4 8 83 2 3 1	7 12 73 3 4	- 98 - -	3 3 91 - 3	100	99

Table B-5. Paid Vacations -- Continued

(Percent distribution of office and plant workers in all industries and in industry divisions by vacation pay provisions, Chicago, Ill., April 1964)

· · · · · · · · · · · · · · · · · · ·		<u></u>	0	FFICE WORKE	R.S					PLANT	WORKERS		
Vacation policy	All industries	Manufacturing	Public 2 utilities	Wholesale trade	Retail trade	Finance ³	Services	All industries 4	Manufacturing	Public 2 utilities 2	Wholesale trade	Retail trade	Services
Amount of vacation pay 6—Continued After 5 years of service 1 week	(⁵) 87 3 10	- 84 3 14	- - 99 - 1	- 93 - 7	- - 96 - 4	- 87 8 4	(⁵) -66 1 33	1 (⁵) 90 2 5	2 (⁵) 87 4 6	- 98 - 1	97 3	- 93 - 7	- - 96 - 4
After 10 years of service 1 week	(5) 30 4 64 (5) 2	24 5 68 (⁵)	- 48 13 38 - -	- 40 1 60 -	14 86	- 30 2 67 - 1	(⁵) 47 - 47 4 2	1 32 9 57 (⁵)	2 26 12 58 (⁵)	51 10 36 -	34 6 60	- 24 - 75 -	76 - 22 2
l week	(5) 26 4 67 1 2 (5)	20 6 70 1 4	43 6 51 (⁵)	34 1 63 - 2	10 - 90 - -	26 4 69 - 1	(⁵) 45 1 48 4 2	1 25 9 62 1 1 (⁵)	2 20 14 60 2 2	33 3 62 -	21 6 70 - 3	20 - 80 - -	72 1 21 2 3
After 15 years of service 1 week	(⁵) 8 (⁵) 84 3 6 (⁵)	- 4 (⁵) 89 1 6	- 3 - 84 13 (⁵)	18 - 78 - 2 2	93 - 1	5 - 83 4 8	(⁵) 32 - 48 - 20	1 9 1 82 2 4 (⁵)	2 3 1 88 2 4	- - - 86 12	14 - 77 - 6 3	13 - 83 - 4	70 20 10
After 20 years of service 1 week	(⁵) 7 (⁵) 63 2 26 2	4 (⁵) 62 4 29	70 2 12 13	18 50 30 2	5 - 61 - 35	5 72 2 2 22 (⁵)	(⁵) 29 49 (⁵) 21	1 9 1 59 2 27 2	2 3 1 65 2 26 (⁵)	- - 59 - 27 12	14 	12 - 53 - 35	65 - 23 1 12

Table B-5. Paid Vacations -- Continued

(Percent distribution of office and plant workers in all industries and in industry divisions by vacation pay provisions, Chicago, Ill., April 1964)

			0	FFICE WORKE	us					PLANT V	WORKERS		
Vacation policy	All industries	Manufacturing	Public 2 utilities	Wholesale trade	Retail trade	Finance 3	Services	All industries ⁴	Manufacturing	Public utilities ²	Wholesale trade	Retail trade	Services
Amount of vacation pay 6—Continued After 25 years of service 1 week	(5) 7 (5) 35 1 52 5	4 (5) 37 1 55 2 2 - 4 (5) 37 (5)	3 46 38 13	18 - 25 5 50 2	5 - 15 - 81 - - 5	5 -37 -48 10	(5) 28 - 43 - 29 (5) (5)	1 9 1 37 1 49 2	2 3 1 40 1 51 2	- - 34 - 52 12	14 - 28 4 52 3	12 31 57 -	62 - 24 - 62 - 24
4 weeksOver 4 weeks	52 5	54 4	38 13	50 2	81	48 10	29 (⁵)	48 3	49 3	52 12	52 3	57	14

¹ 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 recently negotiated in the steel, aluminum, and can industries.

Transportation, communication, and other public utilities.

Finance, insurance, and real estate.

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

Less than 0.5 percent.

Less than 0.5 percent.

6 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 Chicago, Ill., April 1964)

				FFICE WORKE						PLANT	VOLKERS		
Type of benefit	All industries	Manufacturing	Public 2 utilities 2	Wholesale trade	Retail trade	Finance ³	Services	All industries 4	Manufacturing	Public 2 utilities 2	Wholesale trade	Retail trade	Services
workers	100	100	100	100	100	100	100	100	100	100	100	100	100
kers in establishments providing:		1											
Life insurance	96	99	99	94	95	97	78	94	96	98	98	89	82
Accidental death and dismemberment insurance lickness and accident insurance or	53	59	49	66	46	43	48	59	65	54	66	42	49
sick leave or both 5	79	86	82	80	92	61	71	88	94	73	89	86	76
Sickness and accident insurance Sick leave (full pay and no	44	62	25	48	38	27	34	73	85	41	64	58	71
waiting period)Sick leave (partial pay or	46	47	56	53	8	54	54	10	7	26	27	4	13
waiting period)	13	. 9	22	2	54	2	4	14	10	24	8	29	4
Hospitalization insurance	93 92	93 92 ·	99 99	95 89	97 97	92 92	85 83	96 96	98 98	98 98	94 85	93 93	92 91
Medical insurance	76	78	98	80	53	77	66	77	77	92	64	66	86
Catastrophe insurance		56	94	61	75	74	60	42	38	75	40	47	18
Retirement pension	71	71	62	66	77	79	55	62	62	70	68	71	27
No health, insurance, or pension plan	1	(°)	(⁶)	4	(6)	-	8	1	1 1	-	-	(°)	6

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. Transportation, communication, and other public utilities.

Finance, insurance, and real estate.

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

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

5 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.

6 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, Chicago, Ill., April 1964)

			О	FFICE WORKE	RS			PLANT WORKERS					
Sick leave provision	All industries	Manufacturing	Public utilities 1	Wholesale trade	Retail trade	Finance 2	Services	All industries ³	Manufacturing	Public 1 utilities 1	Wholesale trade	Retail trade	Services
All workers	100.0	100.0	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 formal paid sick leave	4 59.2	4 55.7	478.8	54.2	61.6	4 56.5	57.9	23.9	16.6	49.5	35.3	33.2	16.9
Workers in establishments providing no formal paid sick leave	40.8	44.3	21.2	45.8	38.4	43.5	42.1	76.1	83.4	50.5	64.7	66.8	83.1
Type and amount of paid sick leave provided annually													
Uniform plan: 5			.								22.5		
No waiting periodFull pay 6	27.4	23.2	26.6 26.6	29.5 29.5	9.6 5.1	40.5 40.5	38.7 38.7	6.7 5.6	2, 2 1, 9	18.9 18.9	22.7 22.7	8.4	7.9 7.9
3 days	. 2	i - 1	-	1.8	-	= 1	-	1.0	1.5	-	. 8	-	-
4 days	. 2	ļ <u></u>				,	3.0	1	l - l				-
5 days	5. 1	4.4	11.1	3.7	2.4	6.5	2.4	1.5	.4	7.3	1.1	1.7	1,3
6 days 7 days	3.0	3.1	-	5, 7 3, 3	1.4	5.0 3.0	1.0	. 8			4.6	.7	6.1
8 days	1.1	2.8]],]	_	J. 0	_	(7)	(7)	_	_		_
9 days	. i	-	_	1.2	-	_	_	(*) . 2	\ \-'	_	2.8	<u>-</u>	-
10 days	4.7	4.3	8.2	4.3	.6	6.4	4.4	. 5	-	3.4	-	. 7	. 3
11 days	. 1	-	-	.6	-	-	-	. 1		-	2.2	- i	-
12 days	4.4	1.7	5.2	. 7	.7	7.2	20.0	.6	-	4.6	1.4	-	-
15 days	2, 3		. 2	1.2	-	8.8	4.8	. 1	-	-	1.4] -	-
20 days 65 days	1.6	.5 4.2		2.1	_	-	_	_	i - I	-	-	_	_
130 days	.4	4.4	_	4.3	i -		_	.4	! [-	6.1] -	_
5 days per disability	.4	. 5	1.9	4.3	_	_	_	.4	_	3.6	-	_	_
20 days per disability	. i			.7	-	_	-	. 2	-		2,4	- 1	_
Full pay plus partial pay	.4	1.0	-	-	_	-	_	-	-	-	-	- !	-
Partial pay only	. 8	.7	-	-	4.4		-	1.0	.3	-	-	5.3	-
Waiting period	.5	.4	-	-	.8		3.7	2,7	3.8	-	2.4	.7	2.3
Full pay	.5	.4	-	-	.4	-	3.7	. 3	(7)	-	2.4	-	2.3
Full pay plus partial pay		-	-	-		-	-	. 2	.3	-	-		-
Partial pay only	(7)	-	-	-	.4	-	-	2,2	3.5	-	-	.7	-
Graduated plan 5—After 1 year of service: No waiting period	19.3	24.4	22, 8	23, 2	6.4	14.5	15.1	5.4	5.0	6.6	4.7	7.6	3, 3
Full pay 6	13.9	19.6	14.7	9.8	2.9	10.3	15.1	2.9	3.6	3.4	1, 3	7	3.3
3 days	. 5	1.2	-	/-	/	-		_			-	-	-
5 days	2.7	1.4	13.2	5.5	.3	-	1.0	. 9	.5	3.2	-	.7	3.1
6 days	1.4	3.7	-	-	- '	-	. 1	. 9	1.5	-	-	-	-
7 days	. 3	-	-	-	2.6	-			-	-	-	-	
8 days	1.2	1.9	-		_		6.8	(7)	-	-	. 5	-	. 2
10 days12 days	3, 5 1, 1	5.9	1,2	2.8	_	4.4 2.4	6.0	([†])	.9	-		[(7)
15 days	. 8	.2	1.2] [[3.5	0.0	1 '_'		_	_	-	(_)
24 days	. 1	1 : 1	-	1.4	_	3.3	_	. 1	_	-	, 8	_	_
40-50 days	. 8	2, 1	-		_	-	_	1 1	- 1	-	-	_	-
Full pay plus partial pay 6	4.2	4.2	6.9	13.4	-	2.2	_	1.0	.8	3.1	3.3	-	-
10 days	1.8	. 9	3.7	5.8	-	2.0	-	. 2	(7)	-	2.4	-	-
12 days	. 2	<u>-</u>	-	1.5	-	-	-	1 -	-	-		-	-
20 days	1.0	1.6		3.4	-	-	-	. 2	.3	- ,	1.0	- 1	-
22 days	.4	-	3.2	,-,	-	-	-	. 3	-	3.1	-		-
40 days	1.2	.9	1.2	2.3	3.5	2.0	-	1.5	.6		_	6.9	_
Partial pay only	8.1	7.5	1.2 4.9	1.6	39.8	2.0	_	6.1	5.5	. 5	5.6	15.1	
Waiting periodFull pay	3.5	1.0	4.9	.4	22.5	_	-	1,9	.2	.5	1.4	10.0	-
Full pay plus partial pay	2.8	2.7	7.7		14.9			1.1	1.3		1 1.1	2.2	-
Partial pay only	1.8	3.8	_	1.1	2.4	_	_	3.1	4.0	-	4.2	2.9	-

Table B-7. Paid Sick Leave -- Continued

(Percent distribution of office and plant workers in all industries and in industry divisions by formal sick leave provisions, Chicago, Ill., April 1964)

		-	0	FFICE WORKE	RS .			PLANT WORKERS				<u>.</u>	
Sick leave provision	All industries	Manufacturing	Public 1 utilities 1	Wholesale trade	Retail trade	Finance ²	Services	All industries 3	Manufacturing	Public utilities 1	Wholesale trade	Retail trade	Services
Type and amount of paid sick leave provided annually—Continued Graduated plan 5—After 10 years of service: No waiting period	23.0 14.4 (7) 3.5 .9 2.7 .5 .1 .7 .5 .8 .3 .6 .8 .4 8.0 .6 .1 .2 3.0 1.7	25. 9 19. 4 1. 1 2. 6 1. 3 1. 8 1. 3 - 4 2. 1 - 5. 9 - 2. 6 1. 3 4 6. 0	27. 7 22. 1 27. 7 22. 1 17. 0 1. 2 1. 1 2. 5 6 1. 2 1. 2 21. 2	23. 2 7. 6 - 2. 4 3. 1 - 1. 4 - 1. 5 - 2. 3 3. 3 - 1. 6	28.9 2.9 2.9 - - - - - - - - - - - - - - - - - - -	14.5 10.0 	15. 3 15. 3 . 2 7. 4 	8. 0 3. 2 .1 .5 .8 - .1 .5 .1 .5 .1 .7 (7) .1 - .1 .1 - .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	6.1 3.8 - 1.41 .81 .559 4.5	7.1 3.9 - 3.0	4. 7 . 8 	17.6	6.0 6.0 1.7 .6 - - - - - - - - - - - - - -
Full pay	.9 6.3 .3	.7 5.3 -	21.2	1,1	5.1 14.9 2.4	- - -	.2 -	.4 4.9 1.3	3.2 1.3	23.5	1.4 3.4 .8	1.4 2.2 2.9	.7
Workers in establishments having provisions for accumulation of unused sick leave	9.0	5.4	1.0	1.5	. 8	21.6	27.0	2.3	2.3	4.7		.7	5.0

Transportation, communication, and other public utilities.

Finance, insurance, and real estate.

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

Includes less than 3.5 percent of workers employed in establishments with formal sick leave plans for which details are not available.

building the state of the state 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.

7 Less than 0.05 percent.

Appendix: Occupational Descriptions

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

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

Class B. Keeps a record of one or more phases or sections of a set of records usually requiring little knowledge of basic 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 ledger or ledgers such as accounts receivable or accounts

CLERK, ACCOUNTING-Continued

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.

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

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

CLERK, ORDER

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

CLERK, PAYROLL

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

COMPTOMETER OPERATOR

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

DUPLICATING-MACHINE OPERATOR (MIMEOGRAPH OR DITTO)

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

KEYPUNCH OPERATOR

Class A. Operates a numerical and/or alphabetical or combination keypunch machine to transcribe data from various source documents to keypunch tabulating cards. Performs same tasks as lower level keypunch operator but, in addition, work requires application of coding skills and the making of some determinations, for example, locates on the source document the items to be punched; extracts information from several documents; and searches for and interprets information on the document to determine information to be punched. May train inexperienced operators.

Class B. Under close supervision or following specific procedures or instructions, transcribes data from source documents to punched cards. Operates a numerical and/or alphabetical or combination keypunch machine to keypunch tabulating cards. May verify cards. Working from various standardized source documents, follows specified sequences which have been coded or prescribed in detail and require little or no selecting, coding, or interpreting 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

SECRETARY—Continued

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 set up and maintain files, keep records, etc.

OR

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

SWITCHBOARD OPERATOR

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

SWITCHBOARD OPERATOR-RECEPTIONIST

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

TABULATING-MACHINE OPERATOR

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

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

TABULATING-MACHINE OPERATOR-Continued

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

TRANSCRIBING-MACHINE OPERATOR, GENERAL

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

TYPIST

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

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

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

PROFESSIONAL AND TECHNICAL

DRAFTSMAN

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

Senior. Prepares working plans and detail drawings from notes, rough or detailed sketches for engineering, construction, or manufacturing purposes. Duties involve a combination of the following: Preparing working plans, detail drawings, maps, cross-sections, etc., to scale by use of drafting instruments; making engineering computations such as those involved in strength of materials, beams, and trusses; verifying completed work, checking dimensions, materials to be used, and quantities; writing specifications; and making adjustments or changes in drawings or specifications. May ink in lines and letters on pencil drawings, prepare detail units of complete drawings, or trace drawings. Work is frequently in a specialized field such as architectural, electrical, mechanical, or structural drafting.

DRAFTSMAN-Continued

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

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.

TRACER

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

MAINTENANCE AND POWERPLANT

CARPENTER, MAINTENANCE

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

CARPENTER, MAINTENANCE-Continued

power tools, 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 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

MACHINIST, MAINTENANCE-Continued

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 pipecutting machine; threading pipe with stocks and dies; bending pipe by hand-driven or power-driven machines; assembling pipe with couplings

PIPEFITTER, MAINTENANCE-Continued

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 sheetmetal 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

SHEET-METAL WORKER, MAINTENANCE-Continued

types of sheet-metal-working machines; using a variety of handtools in cutting, bending, forming, shaping, fitting, and assembling; and installing sheet-metal articles as required. In general, the work of the maintenance sheet-metal worker requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

TOOL AND DIE MAKER

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

Constructs and repairs machine-shop tools, gages, jigs, fixtures or dies for forgings, punching, and other metal-forming work. Work involves most of the following: Planning and laying out of work from models, blueprints, drawings, or other oral and written specifications; using a variety of tool and die maker's handtools and precision measuring instruments, understanding of the working properties of common metals and alloys; setting up and operating of machine tools and related equipment; making necessary shop computations relating to dimensions of work, speeds, feeds, and tooling of machines; 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. Includes gatemen who are stationed at gate and check on identity of employees and other persons entering.

JANITOR, PORTER, OR CLEANER

(Sweeper; charwomen; janitress)

Cleans and keeps in an orderly condition factory working areas and washrooms, or premises of an office, apartment house, or commercial or other establishment. Duties involve a combination of the following: Sweeping, mopping or scrubbing, and polishing floors; removing chips, trash, and other refuse; dusting equipment, furniture, or fixtures; polishing metal fixtures or trimmings; providing supplies and minor maintenance services; 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 hand truck, car, or wheelbarrow. Longsboremen, 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. Driver-salesmen and over-the-road drivers are excluded.

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

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

TRUCKER, POWER

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

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

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

WATCHMAN

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

Available On Request—

The fourth 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 1387, National Survey of Professional, Administrative, Technical, and Clerical Pay, February-March 1963. 40 cents a copy.

Occupational Wage Surveys

A list of the latest available bulleting 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.

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