Occupational Wage Survey

CHICAGO, ILLINOIS
APRIL 1959

Bulletin No. 1240-18

UNITED STATES DEPARTMENT OF LABOR
James P. Mitchell, Secretary

BUREAU OF LABOR STATISTICS

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Preface Contents

The Community Wage Survey Program

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

This report was prepared in the Bureau's regional office in Chicago, Ill., by Woodrow C. Linn, under the direction of George E. Votava, Regional Wage and Industrial Relations Analyst.

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* NOTE: Similar tabulations for most of these items are available in the Chicago area reports for April 1951; March 1952, 1953, 1954; and April of each year since 1955. The 1954 report (BLS Bull. 1157-3) presents, in addition, data on rate of pay for holiday work; and both the 1954 and 1958 reports, data on wage structure characteristics, labor-management agreements, and overtime pay provisions. The 1955 report also included data on frequency of wage payments, and pay provisions for holidays falling on nonworkdays. A directory indicating date of study and the price of the reports, as well as reports for other major areas, is available upon request.

Current reports on occupational earnings and supplementary wage practices in the Chicago area are also available for auto dealer repair shops (July 1958), and men's and boys' suits and coats (March 1958). A report on occupational earnings is also available for the machinery industries (March 1959). Data for supplementary wage practices were included in the machinery industries report of April 1958. 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, III.

Introduction

This area is one of several important industrial centers in which the U. S. Department of Labor's Bureau of Labor Statistics has conducted surveys of occupational earnings and related wage benefits on an areawide basis. In this area, data were obtained by personal visits of Bureau field agents 1 to representative establishments within six broad industry divisions: Manufacturing; transportation (excluding railroads), communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Major industry groups excluded from these studies, besides railroads, are government operations and the construction and extractive industries. Establishments having fewer than a prescribed number of workers are omitted also because they furnish insufficient employment in the occupations studied to warrant inclusion. 2 Wherever possible, separate tabulations are provided for each of the broad industry divisions.

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

Occupations and Earnings

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

See table on page 2 for minimum-size establishment covered.

Occupational employment and earnings data are shown for full-time workers, i. e., those hired to work a regular weekly schedule in the given occupational classification. Earnings data exclude premium pay for overtime and for work on weekends, holidays, and late shifts. Nonproduction bonuses are excluded also, but cost-of-living bonuses and incentive earnings are included. Where weekly hours are reported, as for office clerical occupations, reference is to the work schedules (rounded to the nearest half hour) for which straight-time salaries are paid; average weekly earnings for these occupations have been rounded to the nearest half dollar.

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

Establishment Practices and Supplementary Wage Provisions

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

Shift differential data (table B-1) are limited to 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 on the basis of workers

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

³ 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.

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 lateshift hours are paid at normal rates, a differential was recorded only if it applied to a majority of the shift hours.

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

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

The summary of vacation plans is limited to formal arrangements, excluding informal plans whereby time off with pay is granted at the discretion of the employer. Separate estimates are provided according to employer practice in computing vacation payments, such as time payments, percent of annual earnings, or flat-sum amounts. However, in the tabulations of vacation allowances, payments not on a time basis were converted; for example, a payment of 2 percent of annual earnings was considered as the equivalent of 1 week's pay.

Data are presented for all health, insurance, and pension plans for which at least a part of the cost is borne by the employer, excepting only legal requirements such as workmen's compensation and social security. Such plans include those underwritten by a commercial insurance company and those provided through a union fund or paid directly by the employer out of current operating funds or from a fund set aside for this purpose. Death benefits are included as a form of life insurance.

TABLE 1. Establishments and workers within scope of survey and number studied in Chicago, Ill., by major industry division, April 1959

	Minimum	Number of e	stablishments		Workers in es	tablishments	
Industry division	employment in establish-	Within	0. 1. 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		3,167	438	1,032,200	223,900	624,100	481,170
Manufacturing	101 - 101 51 101 51 51	1,336 1,831 134 603 211 363 520	173 265 35 62 46 49 73	576,100 456,100 83,400 79,800 137,300 79,600 76,000	89,000 134,900 19,900 25,900 25,500 49,300 14,300	402,600 221,500 44,200 32,500 97,400 68,200 39,200	241,600 239,570 62,940 20,470 95,530 36,630 24,000

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

⁴ Scheduled weekly hours for office workers (first section of table B-3) in surveys made prior to late 1957 and early 1958 were presented in terms of the proportion of women office workers employed in offices with the indicated weekly hours for women workers.

The 1957 revised edition of the Standard Industrial Classification Manual was used in classifying establishments by industry division. Major changes from the earlier edition used in previous surveys are the transfer of milk pasteurization plants and ready mixed concrete establishments from trade (wholesale or retail) to manufacturing and the transfer of radio and television broadcasting from services to the transportation, communication, and other public utilities division.

Includes all establishments with total employment at or above the minimum-size limitation. All outlets (within the area) of companies in such industries as trade, finance, auto repair service,

and motion-picture theaters are considered as 1 establishment.

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

Also excludes taxicabs, and services incidental to water transportation. Chicago's transit system is municipally operated and, therefore, excluded by definition, from the scope of the studies.

Estimate relates to real estate establishments only.

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

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, 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 which provide

5 The temporary disability laws in California and Rhode Island do not require employer contributions. full pay or a proportion of the worker's pay during absence from work because of illness. Separate tabulations are provided according to (1) plans which provide full pay and no waiting period, and (2) plans providing either partial pay or a waiting period. In addition to the presentation of the proportions of workers who are provided sickness and accident insurance or paid sick leave, an unduplicated total is shown of workers who receive either or both types of benefits.

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

⁶ 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.

Wage Trends for Selected Occupational Groups

The table below presents indexes of salaries of office clerical workers and industrial nurses, and of average earnings of selected plant worker groups.

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

Average weekly salaries or average hourly earnings were computed for each of the selected occupations. The average salaries or hourly earnings were then multiplied by the average of 1953 and 1954 employment in the job. These weighted earnings for individual

occupations were then totaled to obtain an aggregate for each occupational group. Finally, the ratio of these group aggregates for a given year to the aggregate for the base period (survey month, winter 1952-53) was computed and the result multiplied by the base year index (100) to get the index for the given year.

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

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

Indexes for the period 1953 to 1958 for workers in 17 major labor markets appeared in BLS Bull. 1224-20, Wages and Related Benefits, 19 Labor Markets, Winter 1957-58.

TABLE 2. Indexes of standard weekly salaries and straight-time hourly earnings for selected occupational groups in Chicago, Ill.,
April 1959 and April 1958, and percents of increase for selected periods

	Index (March 1	kes 953 = 100)			Percent inc	reases from-		
Industry and occupational group	April 1959	April 1958	April 1958 to April 1959	April 1957 to April 1958	April 1956 to April 1957	April 1955 to April 1956	March 1954 to April 1955	March 1953 to March 1954
All industries: Office clerical (women) Industrial nurses (women) Skilled maintenance (men) Unskilled plant (men)	129.9	126.1	3.0	4.7	5.4	4.3	3.6	5.8
	135.3	130.9	3.4	6.6	5.0	6.0	4.2	5.9
	133.6	127.6	4.7	5.3	5.0	5.1	3.3	6.3
	130.6	124.8	4.6	4.9	4.0	4.6	3.5	5.7
Manufacturing: Office clerical (women) Industrial nurses (women) Skilled maintenance (men) Unskilled plant (men)	131.0	127.3	3.0	5.5	5.4	4.2	3.4	6.2
	135.3	130.9	3.4	6.6	5.0	6.0	4.2	5.9
	134.0	128.2	4.6	5.3	5.5	5.8	3.1	5.8
	129.3	124.6	3.8	5.1	4.9	5.0	2.7	4.8

A: Occupational Earnings

Table A-1. Office Occupations

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis, by industry division, Chicago, Ill., April 1959)

		Avet	RAGE					NU	MBER OF	WORKE	RS RECEI	VING ST	RAIGHT-T	IME WEE	KLY EAR	NINGS O	F				
Sex, occupation, and industry division	Number of workers	Weekly 1 hours (Standard)	Weekly 1 earnings (Standard)	Under	\$ 45.00 and under	\$ 50.00	\$ 55.00	\$ 60.00	65.00	\$ 70.00	\$ 75.00	\$ 80.00	\$ 85.00 -	\$ 90.00	\$ 95.00 -	100.00	105.00	110.00	115.GG -	120.00	125.0 and
				45.00	50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.66	120.00	125.00	
<u>Men</u>			\$					i													
lerks, accounting, class A	2,008		101.00		<u> </u>	-	_	5	10	32	72	121	197	298	251	29-₂	207	158	117	125	121
Manufacturing	924 1,084	39.5	103.50	-	-	-	-	- 5	2 8	20 12	19	29	77	120 178	109 142	144 150	124 83	89 69	65 52	62	64 57
NonmanufacturingPublic utilities *	153	39.0 39.5	99.00	1 -	-		-	-	<u>°</u>	12	53 5	92	120	18	111	28	15	19	10	63 4	19
Wholesale trade	371	39.5	101.50	-	-		-	-	-		14	38	l is	49	59	68	40	16	29	27	16
Retail tradeFinance †	135 359	38.5 38.0	102.50 94.50	-	:	-	-	2 -	4	4	9 17	8 40	67	100	31 24	15 34	2 25	9 19	5	27 4	16
lerks, accounting, class B	1, 159	39.0	79.00		1	13	19	69	135	262	162	114	142	119	48	34	18	11		12	
ManufacturingNonmanufacturing	357 802	38.5 39.5	86.50 76.00	_	1	1 12	2 17	14 55	126	52 210	33 129	39 75	63 79	53 66	32 16	19 15	16 2	11	-	12	
Wholesale trade	372	39.5	76.00	-	-	-	i	28	48	125	62	37	29	33	2	5	2	-	-	-	-
lerks, order	1,989	39.5 39.5	99.50	-	<u> </u>	1	7	13	80 18	29	124	168	136 22	286 114	204 102	184	185	155 51	182 34	45 1	190
Nonmanufacturing Wholesale trade	1,407	39.5	100.00	-	:	1	7 5	12	62 59	9	100	118 104	114 100	172 123	162 87	150 141	122 122	10± 101	148 148	44 36	142 3 14 1
lerks, payroll	436	39.0	96.50	_	_	_	1	1	12	4	51	58	35	41	41	45	53	42	18	22	12
ManufacturingNonmanufacturing	3 12 124	39.0 39.0	96.00 97.50	-	-	-	ī	1 -	8 4	4	40 11	45 13	16 19	36 5	36 5	41	31 22	22 20	18 -	11	7 5
ffice boys	1,680	38.0	59.00	46	145	359	359	378	187	130	34	18	14		4	6	_		_		
ManufacturingNonmanufacturing	481 1, 199	39. 0 38. 0	61.50 58.00	5 41	28 117	114 245	80 279	93 285	82 105	36 94	11 23	8 10	14	-	4	6	:	-	_	_	_
Public utilities*	102	39.0	63.00	"-		28	111	13	18	32	-	**	-	_	-	-	-	-	-	-	-
Wholesale trade	136	39.0	58.50	-	1 -	44	44	21	18	5	-	4	-	-	-	-	-	-	-	-	-
Retail tradeFinance †	120 581	40.0 37.0	58.00 57.50	30	7 78	29 119	25 163	157	15 34	48	2 6	6	1 :		-	-	1 -	-	-	-	:
Services	260	38.5	57.50	10	32	25	96	53	20	9	15	-	-	-	-	-	-	-	-	-	-
abulating-machine operatorsManufacturing	2,265	39.0	88.50 92.00	 - -	 -:	-	6	75	124	168 59	309 108	318 115	296	230	210	166	141	120	47 22	22 15	33
Nonmanufacturing	1,344	38.5	86.50	-	_		6	74	99	109	201	2 0 3	161	112	114	81	76	60	25	7	16
Public utilities*	183	39.0	94.00	-	-	-	1	3	3	9 25	18	25 50	14	20 19	26 11	15	13 22	33	18	1 3	1 11
Wholesale tradeRetail trade	248 151	39.5	91.00	-		-	4	2 2	13 15	11	13	25	30	13	10	13	4	ı	2	-	1 12
Finance †	610	38.0	81.50	-	-	-	i	65	61	55	139	80	57	40	45	24	2.7	9	-	3	-1
Women					i																
Sillers, machine (billing machine)	709	39.5	70.50		- 6	73 25	68 39	309 198	214 135	136 82	218 62	157 94	35 23	49 25	20	2 2	16		┝╌		 - -
Nonmanufacturing	594	39.0	70.50	-	6	48	29	111	79	54	156	63	12	24	12	-	-	-	-	-	
Public utilities *Wholesale trade	136 319	40.0 39.0	77.00	-	-	29	4	62	16 34	8 39	40 105	53 _9	10	23	12	-] -	-	:	-	-
Sillers, machine (bookkeeping machine)	430	38.5 38.5	68.50	<u> </u>	15 15	33	39	85 82	85 85	46	27	65	35 26			 -	ļ <u>-</u>	-	-	-	ļ <u>.</u>
Nonmanufacturing	985	38.5	82.00	_	13	33	39	22	136	56	166	198	123	183	25	58	111	2	2		-
Manufacturing	449	39.0	81.00	 -	+	 -	-	19	50	38	55	146	46	76	13	2	2	-	2	-	
Nonmanufacturing	536 207	38.0 39.0	83.00 83.50	:	-	-	3 -	3	86 36	18	111	52 23	77 53	107 81	12 2	56	9 -	2	-	:	:

Table A-1. Office Occupations-Continued

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis, by industry division, Chicago, Ill., April 1959)

Sex, occupation, and industry division	Number of workers	Weekly hours 1	Weekly .	Under	\$ 45.00	\$ 50.00	\$ 55.00	\$ 60.00	\$ 65.00	\$ 70.00	\$ 75.00	\$ 80.00	\$ 85.00	\$ 90.00	\$ 95.00	\$ 100.00	\$ 105.00	\$ 110.60	\$ 115.00	\$ 120.00	\$ 125.0
	workers	bours 1 (Standard)	(Standard)	\$ 45.00	under	-	-	- 1	i -	-	- 1	-	-	-	-	- 1	-	-	-	-	and
			<u> </u>		50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	over
Women—Continued																		-	1		
Bookkeeping-machine operators, class B	4,013	38.5	70.00	17	42	52	193	685	1284	689	486	236	220	97	16	,					l
Manufacturing	951	39.5	74.00	 		7	58	52	231	180	129	98	132	56	6	2		-	 	 -	<u></u>
Nonmanufacturing	3.062	38.0	69.00	17	42	45	135	633	1053	509	357	138	88	41	4	_	_		-	_	Ι.
Wholesale trade	487	39.5	68.50	-	-	12	5	151	120	93	77	15	14	-	_	-	-			-	
Retail trade	265	40.0	66.50	-	7	16	41	54	45	44	23	27	8	-	-	-	-	-	-	-	
Finance †	2, 126	37.5	69.00	17	34	16	89	410	847	347	208	72	41	41	4	-	-	-	t - L	-	
Services	133	38.0	74.50	-	1	1	-	14	34	7	30	24	22	-	-	-	-	-	-	-	-
Clerks, accounting, class A	2,622	39.0	87.00			20	-	17	158	191	406	430	352	445	151	144	173	68	17	6	44
Manufacturing	1,006	39.0	89.00	-		-	-	1	45	50	133	217	117	150	47	94	93	35	10	5	1
Nonmanufacturing	1,616	39.0	86.00	-	I -	20	-	16	113	141	273	213	235	295	104	50	80	33	7	1	35
Public utilities*	243	39.5	91.50	-	-	-	-	-	1	10	47	33	43	34	20	6	8	27	3	1	10
Wholesale trade	359	39.5	90.00	-	-	-	-	2	24	6	28	77	70	58	16	4	47	1	4	-	22
Retail trade	232	39.5	84.00	-	-	-	-	2	16	30	37	52	21	44	11	2	11	3	1 -1	-	1 3
Finance †	577	38.0	82.50	-	-		•	10	62	80	130	42	83	114	14	30	12	2	1 -1	-	
Services	205	38.0	84.00	-	-	20	-	2	10	15	31	9	18	45	43	8	2	2	-	-	•
Clerks, accounting, class B	5,256	39.0	70.00	6	59	214	428	997	1065	885	669	386	264	142	57	70	7	4	3	-	L
Manufacturing	1,661	39.0	73.00	-	-	13	92	267	310	366	201	139	121	87	31	22	7	2	3		-
Nonmanufacturing	3,595	39.0	68.50	6	59	201	336	730	755	519	468	247	143	55	26	48	-	2	i -l	-	
Public utilities *	305	39.5	72.00	-	i -	6	13	60	67	66	21	41	1	8	13	9	-	-		-	
Wholesale trade	838	39.5	72.50	-	-	-	14	198	145	161	126	77	76	13	10	17	-	1	-	-	
Retail trade	1, 130	40.0	66.50	6	23	107	110	213	246	167	141	68	24	11	1	12	-	1] -]	-	-
Finance †	951	38.0	66.50	-	36	64	142	195	215	93	107	55	22	18	2	2	-	-	-	-	-
Services	371	38.5	68.50	-	-	24	57	64	82	32	73	6	20	5	-	8	-	-	- 1	-	-
Clerks, file, class A	1,530	38.5	70.50	-	2	44	160	328	231	288	196	156	69	11	16	25	3	_ 1	11	-	l
Manufacturing	565	39.0	71.50	-	-	10	66	59	48	183	84	77	21	5	9	3	-	-	-		
Nonmanufacturing	965	38.0	69.50	-	2	34	94	269	183	105	112	79	48	6	7	22	3	1	- 1	-	
Wholesale trade	182	38.5	74.00	-	-	12	11	22	27	3	26	57	23	-	1	-	-	-		-	١ -
Finance †	550	38.0	68.00	-	-	15	69	186	130	51	47	7	15	5	2	22	-	1	-	-	
Clerks, file, class B	5,424	38.5	57.50	234	428	1344	1375	1135	542	2.03	85	52	17	2	6	-	1	-			
Manufacturing	1,269	39.0	61.00	25	26	201	382	280	179	88	42	29	12	2	2	-	1	-	-	-] -
Nonmanufacturing	4, 155	38.5	57.00	209	402	1143	993	855	363 97	115	43 11	23	5	-	4	- 1	-	-	-	-	-
Public utilities*	389 706	40.0	63.50	-	22	15 204	51 108	169 191	81	42 55	17	2 21	2	- 1	4	-	-	-	-	-	1 -
Wholesale trade	568	39.5 39.5	60.50 55.50	78	36	138	115	1111	84	6	''	21	3	i - I	*	•	•	_			
Retail trade Finance †	2, 097	37.5	55.00	131	315	583	657	326	70	9	6	_	1	[i 1			1 []		1]
Services	395	39.0	56.00	131	29	203	62	58	31	3	9	_	_	[]		-	_	-	-	-	-
Clerks, order	1,612	39.0	70.50	5	53	78	175	283	406	116	96	163	22	86	71	28	_	111	19		Ι.
Manufacturing	583	39.0	75.00	-	-		34	107	154	46	40	76	7	69		28	-	7	15		
Nonmanufacturing	1,029	39.5	68.00	5	53	78	141	176	252	70	56	87	15	ĭŕ	71		-	4	4	-	١ -
Wholesale trade	621	39.0	73.50	_		9	48	97	184	60	48	75	8	15	69	-	-	4	4	-	l -
Retail trade	346	39.5	58.50	5	46	64	83	74	58	7	3	5	-	1	-		-	-	-	-	-
Clerks, payroll	2, 176	39.0	79.00	-	8	15	104	158	182	254	448	302	298	214	79	29	25	33	12	2	13
Manufacturing	1, 178	39.0	79.00	-	2	3	60	108	92	147	218	173	112	143	51	20	10	33	6	-	-
Nonmanufacturing	998	39.0	79.00	-	6	12	44	50	90	107	230	129	186	71	28	9	15	-	6	2	13
Public utilities *	165	39.0	84.00	-	-		-	4	10	28	65	17	10	9	4	-	3	-	2	-	13
Wholesale trade	218	39.5	78.50	-	-	- 1	9	5	26	21	73	15	51	8	1	1	8	-	-	-	-
Retail trade	245	40.0	72.00	-	6	12	26	32	20	21	58	17	36	9	8	-	-	-	-	-	-
Finance †	163	37.0	85.00	-	-	-	- 1	8	6	16	13	41	35	17	13	6	4	-	4	-	-
Services	207	38.5	80.00				9		28	21	21	39	54	28	2	2		1 _	1 _ 1	2	1

Table A-1. Office Occupations-Continued

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis, by industry division, Chicago, Ill., April 1959)

		Ave	RAGE					NU	MBER OF	WORKE	RS RECEI	VING STI	RAIGHT-T	IME WEE	KLY EAR	NINGS O	F—				
Sex, occupation, and industry division	Number of workers	Weekly hours 1 (Standard)	Weekly earnings 1 (Standard)	Under \$ 45.00	under	-	-	-	-	-	-	-	-	-	-	-	105.00	-	-	-	and
Women—Continued																					
women - Sommed	i		\$																		
Comptometer operators	3,403	39.5		1	18	58	132	395	642	586	679	321	237	95	163	46	27	3	-	-	1
Manufacturing	1,234	39.5		-	-	7	16	45	179	209	236	140	160	63	114	36		2	-	-	
Nonmanufacturing	2, 169	39.5	71.00	1	18	51	116	350	463	377	443	181	77	32	49	10	-	1	-	-	1
Public utilities*	135	39.5	77.00	-	-	4	5	5	25	9	39	7	20	12	9	-	-	-	-	-	
Wholesale trade	515	39.0			-	1	13	66	99	79	129	60	19	12	26	10	-	1	-	-	1
Retail trade	873	39.5		1	16	42	70	144	222	145	124	68	30	1	10	-	-	•	-	-	
Finance †	240	37.5	67.50	-	2	1	25	65	60	52	22	1	4	4	4	-	-	-	-	-	1
Services	406	40.0	71.50	-	-	3	3	70	57	92	129	45	4	3	-	-	-		-	-	
Duplicating-machine operators (mimeograph	201												_								
or ditto)	396	39.0		<u> </u>	22	69	35	71	49	59	46	37		1	-	<u> </u>					
ManufacturingNonmanufacturing	244 152	39.5 38.5	64.00 68.00	-	15 7	58 11	18 17	44 27	31 18	38 21	19 27	14 23	6	-	-	-	:	-	-	-	
Key-punch operators	4, 172	38,5			22	92	294	495	714	847	817	464	243	102	60			1			
Manufacturing	1,638	39.0		-	-	4	64	164	305	378	287	187	141	80	17			-			T
Nonmanufacturing	2,534	38.5		-	22	88	230	331	409	469	530	277	102	22	43	9	1	1	-	-	
Public utilities *	264	39.5		-	-	2	3	13	27	49	64	57	36	2	3	6	1	1		-	1
Wholesale trade	558	39.5	71.00	-	-	12	113	64	89	70	77	45	43	10	32	3	-	-	-	-	
Retail trade	378	39.5	69.00	-	2	16	36	57	84	80	62	32	9	-	-	-	-	-	-	-	l .
Finance †	986	38, 0	68.50	-	14	49	72	182	187	214	181	70	8	5	4	-	-	-	-	-	
Office girls	1, 124	39.0		. 8	75	220	42 1	178	104	53	42	16	4	3	-		-		_		
Manufacturing	393	39.0		-	19	55	127	65	56	30	19	15	4	3	-	-	-	-	-	-	
Nonmanufacturing	731	39.5		8	56	165	294	113	48	23	23	1	-	-	-	-	-	-	-	-	1
Wholesale trade	113	39.0		- '	12	15	29	28	23	1	4	1	-	-	-	-	-	-	-	-	
Retail trade	157	40.0		8	6	43	65	25	7	2	1	-	-		-	-	-	-	-	i -	İ
Finance †	371	39.0	57.50	-	23	90	179	41	15	5	18	-	-	-	-	-	-	-	-	-	
Secretaries	11,723	38.5	89.50	_	1	5	40	125	466	675	1440	1812	1704	1871	1201	851	590	264	260	<u>1</u> 71	24
Manufacturing	4,724	39.0		-	-	-	-	37	160	224	607	791	534	679	489	386		153	129	92	
Nonmanufacturing	6,999	38.5	88.50	-	1	5	40	88	306	451	833	1021	1170	1192	712	465		111	131	79	
Public utilities *	569	39.5	96.50	-	-	-	-	5	7	38	35	51	53	86	87	39	41	37	+2	19	
Wholesale trade	1,488	39.0			-	-	-	11	41	100	107	195	257	296	147	127	71	33	32	31	
Retail trade	1,402	39.5		-	1	5	10	47	80	81	150	190	303	278	128	76		.9	6		1
Finance T	2, 146	37.5		-	-	-	2	14	101	127	379	352	328	314	234	135		14	40	29	
Services	1,394	37.5	87.50	-	-	-	28	11	77	105	162	233	229	218	116	88	59	18	11	-	3
Stenographers, general	9,806	38.5				34	276	1004	1570	1762	1950	1466	890	376	251	151	49	25	-	2	<u>L</u> _
Manufacturing	4, 323	39.0		-		6	72	441	655	728	841	523	559	188	70		21	-	-	:	1
Nonmanufacturing	5,483	38.0		-	-	28	204	563	915	1034	1109	943	331	188	81	76		4	-	2	1
Public utilities*	514	39.0		-	-	1	9	30	51	86	70	1,07	46	30	34		2	4	-	2	1
Wholesale trade	1,263	39.0		-	-	2	22	89	202	198	351	255	81	26	12		1	l -	•	-	1
Retail trade	492	40.0		-	-	1	39	45	97	108	92	85	22	3	_	;	I -	-	-	1 -	1
Finance †	2, 052	37.5		-	-	24	126	284	483	445	355	2 02	74	56	2 33			-	-	-	1
Services	1, 162	37.5	78.00	-	-	-	8	115	82	197	241	294	108	73	33	9	2	-	-	-	
Stenographers, technical	377	38.5				<u>_</u> -	. 6	5	25	36	66	61	56	35	34	14		2	6		
Nonmanufacturing	281	38.0	83.50	-	-	•	6	5	25	36	51	45	38	20	17	3	30	-	5	-	
	1	l		1	1		1				1	1	1			i		l	1	İ	1

Table A-1. Office Occupations-Continued

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis, by industry division, Chicago, Ill., April 1959)

	İ	Ave	RAGE				·	N	JMBER OF	WORKE	RS RECE	IVING ST	RAIGHT-T	IME WEE	KLY EAR	NINGS O	F—				
Sex, occupation, and industry division	Number of workers	Weekly 1 hours (Standard)	earnings	Under \$ 45.00	and	\$ 50,00 - 55.00	-	-	-	-	-	-	-	l -	-	٠.	105.00	- 1	_	-	and
Women—Continued																					
Switchboard operators	1, 965	39.5	\$ 70.50	_	70	224	187	158	263	337	341	154	82	58	72	10	3	,	4	_	,
Manufacturing		39.0	77.00	-		-	23	111	70	98	116	63	56	16	30	4	2	i			
Nonmanufacturing		39.5	68.00	-	70	224	164	147	193	239	225	91	26	42	42	6	1 1	-	4	-	1
Public utilities *		39.5	82.00	-	-	-	1	10	21	27	23	10	13	2.1	33	-	1	-	-	-	1
Wholesale trade		39.0	75.50		-	-	6	. 5	33	79	46	20	7	4	8	6	-	-	-	-	-
Retail trade		40.5	64.00	-	9	27	36	60	29	36	26	3	l .	2	-	-	-	-		-	-
Finance†		37.5	73.50	-	, .	15	4	22	65	87	73	33	6	15	:	-	-	-	4	- !	-
Services	548	40.5	59.50	-	61	182	117	50	45	10	57	25	-	-	1	-	-	-	-	-	-
Switchboard operator-receptionists	2,210	38.5	72.00	_	_	35	84	280	457	535	346	303	80	36	38	9	6	_	_	1	_
Manufacturing		39.0	73.50		-	-	20	134	249	265	203	176	34	29	20	6	 	-	= 1		-
Nonmanufacturing		38.5	71.00	- 1	-	35	64	146	208	270	143	127	46	7	18	3	6	-	- }	1	-
Public utilities*		39.5	74.50	- i	-	-	-	16	19	26	20	34	-	-	2	1	-	- 1	- 1	1	-
Wholesale trade		38.5	69.00		-	23	62	69	99	160	45	42	33	- 1	4	-	-	-	-	- '	-
Retail trade		39.5	72.50	-	-	12	-	21	24	5	42	8	2	-	8	-	6	-	-	-	-
Finance†		36.5	71.50	-	-	-	2	16	40	57	13	21			-	:	-	- 1	-	-	-
Services	141	38.5	74.00	-	-	-	-	24	26	22	23	22	11	7	4	2	-	- 1	-	•	-
Tabulating-machine operators	913	37.5	77.50		_	5	14	43	219	137	130	148	49	65	58	28	10	7	_	-	_
Nonmanufacturing	431	38.5	77.50	-	-	- 3	14	43	54	49	80	81	29	33	18	15	6	4	-	-	-
Finance†	116	38.5	79.00	-	-	1	4	7	19	4	24	21	14	10	4	8	-	-	-	-	-
Transcribing-machine operators, general	1,949	39.0	73.00		4	35	54	292	306	375	463	282	67	46	15	4	_	6		_	_
Manufacturing	691	39.0	75.00	-	<u>-</u> -		÷	96	109	121	164	109	36	39	9	2		-61			
Nonmanufacturing		38.5	71.50	_	4	35	54	196	197	254	299	173	31	7	6	2	- 1	- 1	-	-	-
Wholesale trade	493	39.0	74.00			1	3	80	31	116	137	104	11	2	6	2	- 1	- 1	- 1	-	-
Finance †	481	38.0	69.50	- 1	4	7	31	83	139	79	106	23	9	-	-	-	i - i	- 1	-	-	-
Services	169	39.0	73.50	-	-	4	12	17	9	33	47	34	9	4	-	-	-	-	-	-	-
Typists, class A	4, 839	38.5	72.50	_	_	6	260	744	972	1100	748	501	288	145	31	34	10	_	_	_	_
Manufacturing		39.0	73.00		- -	<u>-</u>	191	269	366	566	350	233	176	77	18	24	9				
Nonmanufacturing		38.0	72.00	_		6	69	475	606	534	398	268	112	68	13	10	l íl	-	-	-	_
Public utilities *		39.5	77.00	-	-	_	-	13	31	36	38	13	13	10	6	5	-	-	- 1	-	-
Wholesale trade	267	39.5	77.50	-	-	-	4	49	8	32	55	49	38	25	3	3	1 1	-	-	- 1	-
Finance†		37.0	70.00	-	-	5	54	377	421	338	163	85	34	26	4	2	-	-	-	-	-
Services	420	39.0	74.00	-	-	-	7	22	114	71	95	88	18	5	-	-	-	-	-	-	-
Typists, class B	9, 858	39.0	63.50	20	180	800	2011	2889	2280	982	448	158	27	41	17	_	5	_	_ [_
Manufacturing		39.0	65.00	<u> </u>	25	125	649	880	790	370	169	87	16	37	14			— <u>-</u> 1			
Nonmanufacturing		38.5	62.50	20	155	675	1362	2009	1490	612	279	71	ii	4	3	_	5	-		-	-
Public utilities*	388	39.5	65.50	-		6	60	126	86	71	21	ii.	2		_	-	5	-	_	-	
Wholesale trade		39.0	65.00	-	_	96	170	214	390	92	88	18	2 6	3	3	-	-	-	-	-	_
Retail trade	1,032	40.0	62.00	3	77	125	148	262	272	69	68	8	-	-	-	-	-	-	-	-	-
Finance †	3,052	38.0	60.50	17	72	368	831	1086	475	146	48	6	3	-	-	-	-	-	-	-	-
Services	1, 144	39.0	64.50	-	6	80	153	321	267	234	54	28	-	1	-	-	-	-	-	-	-
	1	l						l]										
		L									1										

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

Workers were distributed as follows: 41 at \$125 to \$130; 7 at \$135 to \$140.

Workers were distributed as follows: 47 at \$125 to \$130; 39 at \$130 to \$135; 16 at \$135 to \$140; 39 at \$140 and over.

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

Finance, insurance, and real estate.

Table A-2. Professional and Technical Occupations

(Average straight-time weekly hours and earnings for selected occupations studied on an area basis, by industry division, Chicago, Ill., April 1959)

		AVE	RAGE							N	UMBER (F WORI	CERS RE	CEIVING	STRAIG	HT-TIME	WEEKL	Y EARN	INGS OF	_					
Sex, occupation, and industry division	Number of workers	Weekly hours (Standard)	Weekly 1 earnings 1 (Standard)	Under \$ 70.00	70.00 and under 75.00	75.00 - 80.00	80.00 - 85.00	85. 00 - 90. 00	90.00 - 95.00	95.00 - 100.00	100.00	105.00 - 110.00	110.00 - 115.00	115.00	120.00 - 125.00	125.00	130.00 - 135.00	135:00 - 140.00	140.00	145.00 150.00	150.00 - 155.00	155.00 - 160.00	160.00 - 165.00	165.00 170.00	170.00 and over
Men Draftsmen, leader	562	18.5	\$ 145.00	_		_	_	1	2	2	2	10	7	14	37	24	79	82	49	19	65	53	16	47	53
Manufacturing	172		140.00					<u>i</u>	2	2	2	- - 10	7	11	-77	4	20	22	19		3	13	- 10	13	16
Draftsmen, senior	3,544	39.5	127.00			16	23	37	172	95	3 17	279	159	264	411	205	316	201	208	149	212	114	158	84	124
Manufacturing		39.5 39.0	119.50 136.50 125.50	-	-	12 4	18 5		138 34 7	77 18 2	197 120 3	229 50 7	130 29 5	170 94 5	328 83 10	106 99	135 181 25	81 120 8	106 102 10	70	44 168 3	42	48 110	19	122
Draftsmen, junior Manufacturing	2,419 1,609	39.5 39.5			149	192 171	342 292		391 251	181	204 129	118	107 38	96 56	139 29		14	<u>-</u>	11	2	4	9	1	-	
Nonmanufacturing	810	39.0			6	21	50	106	140	65	75	57	69	40	110		14	-	11	2	4	ĭ	1	-	-
Tracers	109	39.0			11		7	6		-	-				-		-	-	_						
Manufacturing	61	40.0	74.00	20	8	22	5	6	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-	_
Nurses, industrial (registered)	628				23	65	120	73	82	90	53		27	27	4	2		_			_	<u> </u>			
ManufacturingNonmanufacturing	507 121	39.5 39.0			18	9	94 26	62	70 12	78 12	33 20	45 12	27	19 8	1	-	-	-	=	-	-	-	-	-	-

Standard hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.
 Workers were distributed as follows: 5 at \$55 to \$60; 25 at \$60 to \$65; and 11 at \$65 to \$70.
 Transportation (excluding railroads), communication, and other public utilities.

Table A-3. Maintenance and Powerplant Occupations

(Average straight-time hourly earnings for men in selected occupations studied on an area basis, by industry division, Chicago, Ill., April 1959)

	ĺ								NUM	BER OF	VORKER	S RECEIV	ING ST	RAIGHT-	TIME HO	URLY E	ARNING	s of—						
Occupation and industry division	Number of workers	Average hourly earnings 1		under	-	-	-	-	\$ 2.50 - 2.60	-	-	-	-	-	-	-	-	-	-	í -	\$ 3.70 - 3.80	-	-	and
Cotinter-on	1 122	\$		2	19		77]								3.30		2.50	3.00			3.70	,	OVEI
Carpenters, maintenance	1, 132	3.01			18	58	- 63	27	105	64 58		86 86	94	105	26	17	10			305	23			↓
ManufacturingNonmanufacturing	469	3.34] -	-	10	1 40	24	21	58	50	80	86	68	105.	41	14	, ,	, ,	-	287	23	-		-
Retail trade	158	3.01	3	1	1 :	1 40	24	2	41	, ,	7	-	20	i -] ;	۰	4	-	2	62	23	,	2	-
Finance †	216	3.64	-	:	-	2	-	-	-		2	-	-	-	2	3	-	-	-	176	22	9	-	:
Electricians, maintenance		3.05	<u> </u>	3	11	6	92	56	149	155	341	233	288	615	269	188	315	59	12	33	9	190	93	5
Manufacturing	2,233	2.99	-	-	10	6	52	53	126	139	288	195	270	472	202	95	101	49	12	32	9	56	61	5
Nonmanufacturing	889	3.21	-	3	1	-	40	3	23	16	53	38	18	143	67	93	214	10	-	1	-	134	32	i -
Retail trade	90	3.15	-	-	-	-	5	-	9	-	-	4	2	30	1	23	-	-	-	-	-	5	11	-
Finance †	230	3.49	-	-	-		-	-	2	1	3	2	2	95	1	-	-	5	-	-	-	110	9	-
Services	164	3.03	-	2	-	-	7	2	2	10	50	31	- 1	-		23	-	5	-	1	-	19	12	-

Table A-3. Maintenance and Powerplant Occupations-Continued

(Average straight-time hourly earnings for men in selected occupations studied on an area basis, by industry division, Chicago, Ill., April 1959)

									NUM	BER OF	WORKER	s recei	VING 8T	RAIGHT-	TIME H	URLY E	ARNING	8 OF-			-			
Occupation and industry division	Number of workers	Average hourly earnings	Under	\$ 2.00 and	\$ 2.10	2.20	2.30	2.40	\$ 2.50	\$ 2.60	\$ 2.70	\$ 2.80	\$ 2.90	\$ 3.00	\$ 3.10	\$ 3.20	\$ 3.30	\$ 3.40	\$ 3.50	\$ 3.60	\$ 3.70	\$ 3.80	\$ 3.90	\$ 4.00
			2.00	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	3.90	4.00	and over
Engineers, stationary	2, 182	\$ 2.96	1	2	22	44	69	92	156	70	128	99	122	720	371	137	47	27	10	22	17	_	13	13
Manufacturing	1, 141	2.93	_	-	22	7	18	88	84	55	93	72		95	290	134	43	26	10		-	 		
Nonmanufacturing	1,041	2.99	1	2		37	51	4	72	15	35	27	18	625	81	3	4	-i	1 .	22	17		13	13
Retail trade	232	2.98	[ī	١.	17	1 .	lī	13	4	7	3		130	49	2	4	l ī	_			_		1 -
Finance †	411	3.06	_ ا	1 -	١ .		2	:		2	i :	1 [404	3	1 -] ['	1 1		_	l _	_	1 _1	i _
Services	336	2.92	1	1	-	20	47	-	57	-	28	12	-	85	23	1	-	-	-	22	13	-	13	13
Firemen, stationary boiler	982	2.39	2150	89	86	69	99	73	42	186	50	78	17	18	8	4		13	_		-		_	-
Manufacturing	714	2.35	116	85	86	64	61	70	41	30	33	71	14	18	8	4	-	13	-	-	-	-		
Nonmanufacturing	268	2.51	34	4	i -	5	38	3	1	156	17	7	3	-	-	-	-		-		-	-	1 -1	i -
Retail trade	81	2.55	7	4	-	4	4	3	-	47	12	-	-	-	-	-	-	-	-	-	-	-	-	i -
Helpers, trades, maintenance	1,701	2.41	124	81	56	155	384	443	236	87	70	-	1	8	-	56	_	-	- 1	_	-	-	-	-
Manufacturing	1,323	2.41	99	77	50	112	325	268	213	49	66	-	-	- 8	-	56	-	-	-	-	-			
Nonmanufacturing	378	2.40	25	4	6	43	59	175	23	38	4	-	1	-	-	-	-	-	-	-	-	-	-	-
Machine-tool operators, toolroom		2.82	-	6	6	76	63	92	221	188	211	610	331	168	168	108	36	24	7	_	-	-	-	ı -
Manufacturing	2,315	2.82	-	6	6	76	63	92	221	188	211	610	331	168	168	108	36	24	7	-	-	_		
Machinists, maintenance	3, 168	3.03	<u> </u>	6	-	7	57	141	49	218	198	487	306	596	426	85	256	69	45	7	17	11	105	82_
ManufacturingNonmanufacturing	3,048 120	3.02 3.12	-	- 6	-	6	55 2	140	49	210	185 13	486	301 5	587 9	417	74 11	199 57	68	45	6	17	10	105	82
				_		1	-		-		i	i					٥.	_		•				1
Mechanics, automotive (maintenance)	1,980	2.83	 -	24	17 17	14	59	66	34 18	170 93	225 124	529 136	597 46	107	108	30 18			-				-	
Nonmanufacturing	1,476	2.85	:	24	1 11	10	59	60	16	77	101	393	551	95	78	12			_	_	-	_	1 1	
Public utilities *	1,048	2.89	_	12	-	8	19	27	12	28	101	327	432	93	72	12		_		_	-		1 [1	
Wholesale trade	238	2.74	-	12	-	-	23	17	**	13	69	20	84	73	-	-	-	-	-	-	-	-	-	. <u>-</u>
Mechanics, maintenance	3,823	2.74	19	6	107	316	150	240	331	424	694	280	316	406	232	100	190	6	ا بر ا		_	3	3	-
Manufacturing	3, 125	2.73	2	2	85	276	143	190	202	316	625	267	311	399	200	21	77	6					3	
Nonmanufacturing	698	2.77	17	4	22	40	7	50	129	108	69	13	5	7	32	79	113	-	-	-	-	3	ı -	-
Millwrights	1,577	2.90	_	2	_	11	26	53	108	135	93	134	326	590	10	21	7	53	7	1		_	-	-
Manufacturing	1,518	2.91	-	2	-	11	26	53	107	133	90	93	316	589	10	21	7	53	7		-	-	-	
Oilers	883	2.36	3 107	54	69	50	236	116	96	108	17	5	14	-	11	- 1	-		-	-		L	-	
Manufacturing	793	2.33	107	54	69	50	236	113	56 40	62 46	17	5	13	-	11	-		:	-	-	-	-		
Painters, maintenance	764	3.01	4	3	6	30	71	21	41	46	56	24	103	35	16	6	13	1	238	47	-		3	ļ -
Manufacturing	392	2.77	4	2	6	22	48	18	23	43	55	19	61	35	4	6	13	-	21	9	-	-	3	-
Nonmanufacturing	372	3.26	-	1	-	8	23	3	18	3	ı	5	42	-	12	-	-	1	217	38	-	-	-	-
Retail trade	53	2.89	-	1	-	3	9	-	17	-	-	2	-	-	-	-	•		21	-	-	-	-	-
Pipefitters, maintenance	1, 115	3.02	_		-	10	14	7	39	55	131	148	151	150	148	9	131	67	17	2	36			
Manufacturing	1,008	2.99	-	-	-	10	12	7	34	53	127	146	141	149	145	7	88	67	1	•	21	-	-	-
Nonmanufacturing	107	3.28	-	-	-	-	2	-	5	2	4	2	10	1	3	2	43	-	16	2	15	-	-	
Plumbers, maintenance	103	3.17	,		_	١.	_	4	12	7	7	2	6	10	4	_	1	١ -	15	20	14	- ا		i -
Nonmanufacturing	63	3.31	î	-	-	-	-		===	3	7	-	2	10	-	-	T T	-	15	20	4			_
						[ĺ	ĺ																i
Sheet-metal workers, maintenance	383	3.01	<u></u>		2		5	13	7	13	22	70	37	104	13	5	89	1	-		2	<u> </u>		
Manufacturing	377	3.02	-	-	2	-	5	10	7	11	22	70	36	104	13	5	89	ı	-	-	2	-	-	1 -
								1														١.,		1 .
Tool and die makers	4, 107	3.16		-	 -	 	- -	4	14	188	155	258	417	569 569	489	814 814	444	376 376	159 159	157 157	58 58	4	 	
Manufacturing	4, 107	3.10	-	-	i -	-	l -	, T	1.7	100	199	250	***	, ,,,	***	""		1	1 23/	•5.	"	1		1 -
				I	1	1	1	l	<u> </u>			1		ŀ	1				I	I	1	<u> </u>	1	

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

Workers were distributed as follows: 16 at \$1.40 to \$1.50; 10 at \$1.50 to \$1.60; 1 at \$1.60 to \$1.70; 12 at \$1.70 to \$1.80; 59 at \$1.80 to \$1.90; 52 at \$1.90 to \$2.

Workers were distributed as follows: 13 at \$1.70 to \$1.80; 24 at \$1.80 to \$1.90; 70 at \$1.90 to \$2.

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

Finance, insurance, and real estate.

Table A-4. Custodial and Material Movement Occupations

(Average straight-time hourly earnings for selected occupations studied on an area basis, by industry division, Chicago, Ill., April 1959)

									NUM	BER OF	VORKER	S RECEI	VING ST	RAIGHT-	TIME HO	URLY E	ARNING	8 OF—						
$Occupation^1$ and $industry$ division	Number of workers	Average hourly earnings	l \$	1.00 and under	\$ 1.10 - 1.20	\$ 1.20 - 1.30	1.30 - 1.40	\$ 1.40 - 1.50	\$ 1.50 - 1.60	-	-	\$ 1.80 - 1.90	1.90 - 2.00	-	\$ 2.10 - 2.20	-	\$ 2.30 - 2.40	\$ 2.40 - 2.50	\$ 2.50 - 2.60	-	2.70 - -2.80	\$ 2.80 -	2.90 3.00	3.00 and
Elevator operators, passenger (men)	1,901	\$ 2.08		4	49	2	2	50		51	4	6	1	32	1606	85	4	2				- -		
Nonmanufacturing	1,802	2.08	-	4	49	2	2	50		46				32	1528	77	3	2	+				-	
Finance†	1,540	2.15	-	-	-	-	-	-	-	-	4	-	-	11	1507	13	3	2	-	-	-	-	-	-
Elevator operators, passenger (women)	494	1.31		48	138	41	60	129	17	41	8	8	4	-	-	_	-	-	-	_		-	-	
Nonmanufacturing	483 219	1.30		48 48	138 51	41 29	60 48	129 16	17 16	41 10	7	2	-	-	-	-		-	-	-	-			-
Retail trade	219	1.24	-	45	21	29	40	10	10	10	1	-	-	-	-	-	-	٠ -	- !	-	-	-	-	-
Guards	2,400	2.07			-	-	3	19	132	259	265	200	114	173	278	190	239	3 57	90	35	36			
ManufacturingNonmanufacturing	1,423	2.16	_	1 :	_	l :	3	15	117	122	95 170	147 53	46 68	87 86	235 43	144	94 145	275 92	88	35	35	-	-	-
Finance †	680	1.95	-	-	-	-	-	14		64	112	44	52	70	32	31	118	40	2	_	-	_	_	_
Janitors, porters, and cleaners (men)	13,473	1.83	122	110	329	741	414	670		1712		920	961	991	2850	819	286	147	258	42	10	4	2	20
Manufacturing	7,244 6,229	1.89	122	20 90	50 279	137 604	142 272	271 399		947 765	768 234	767 153	799 162	775 216	793 2057	494 325	252 34	145	234 24	35 7	10	- 4	2	2 18
Public utilities*	638	1.96	122	70	217	004	- 16	46	43	46	69	36	67	18	66	221	20	-	-			-	-	10
Wholesale trade	510	1.74		l .=		26	12	30		194	54	14	45	45	51	3	6	1	-	6	-	-	-	-
Retail tradeFinance †		1.50	17	67 4	116	318	133	135	273	297 24	87 12	89 8	36	23 13	52 1771	41 56	6 2	ī	24	i	-	4	- 1	-
Services	1,445	1.19	105	19	163	256	121	182		204	12	6	12	117	117	4	-	:	-	-		-		18
Janitors, porters, and cleaners (women)	5,075	1.61	3	41	85	147	265	155	212	3696	181	97	20	75	23	27	_	3	_	45	_	_		_
Manufacturing	701	1.69	-	-	17	52	53	47	107	76	116	92	17	72	22	27	-	3	+	-	-	-	_ -	- -
Nonmanufacturing	4,374	1.60	3	41	68	95	212	108	105	3620	65	5 2	3	3	1	-	-	-	-	45	-	-	-	-
Public utilities* Wholesale trade	80	1.67	[-	22	1 :	11	7	24	49	29 1	2	1	3	ī	-	-	1 :	-		-			1 :
Retail trade		1.38	3	29	13	23	157	73	36	60	-	1	2	_	-	-	- 1	-	-	_	-	-	-	-
Finance t	3,191	1.63	-	12	33	72	31	16 12		3087	35	2	-	-	-	-	-	-	-	- 45	-	-	-	-
	1	1		1	1		ł			413		_			-							-	-	-
Laborers, material handling	19,818	1.99	3	24	9	217 178	203	482 327	954 623	1028 802	1515 796	2511	1663		3090 1790	1065 658	1408 392	3048 250	512 436	545 387	184 154	29	3	25
Nonmanufacturing	9,422	2.13	3	24	4	39	142	155		226	719	825	605	560	1300	407	1016	2798	76	158	30	2	-	2
Public utilities* Wholesale trade		2.42	-	1 :	-	-	47	66	263	109	13 499	19 254	19 313	322	15 1206	78 188	385 156	2337 353	11 39	7 44	-	-	-	-
Retail trade		2.00	3	24	4	39	93	82		102	167	531	258	233	79	141	475	108	26	107	15	2	-	2
Order fillers	6,651	2.09	_	_	١,	139	28	139	255	218	493	584	766	435	566	786	1180	498	458	54	15	2		34
Manufacturing	2,293	2.06	-			-	7	38	25	80	161	249	578	252	189	244	202	159	32	29	13	Ť		34
Nonmanufacturing	4,358 3,084	2.10	-	-	1	139	21	101		138	332 262	335 285	188 45	183	377 273	542 531	978 864	339 251	426 65	25	2 2	ı	-	-
Retail trade	1,262	2.13	-	_	1	8	17	22		107	70	49	139	170	104	11	114	87	361	25	-	ì	-	
Packers, shipping (men)	5,707	1.96	_		34	43	215	385	302	433	603	443	467	466	669	687	687	86	38	17	30	42	33	27
Manufacturing	3,559	2.00	-		27	7	104	198	105	295	402	265	419	250	548	298	392	62	38	17	30	42	33	27
Nonmanufacturing	2,148 1,795	1.90	:	:	7	36	111	187		138	201 146	178 150	48 21	216 179	121	389 383	295 268	24	_	-	-	-	-	-
Retail trade	338	1.82	:	-	7	36	79	10		33	54	28	26	37	20	363	27	24	-	:	:	-	-	-
Packers, shipping (women)	1,663	1.70	_	24	41	8	144	331	284	112	217	45	82	23	171	164	_		_	7	5	_	_	5
Manufacturing	1,244	1.78	-	14	38	-	80	202	137	73	213	34	80	23	169	164	-	-	 -	7	5		-	5
Nonmanufacturing	419	1.48	-	10	3	8	64	129	147	39	4	11	2	-	2	-	-	-	-	-	-	-	-	-
Receiving clerks	1,795	2.21	-	<u> </u>	<u> </u>	1	19	24	33	71	71	56	92	250	230	176	194	271	133	116	20	1	18	19
Manufacturing	779 1,016	2.27	:	-	:	ī	19	24	15 18	18 53	16 55	22 34	64 28	99 151	51 179	127 49	96	106	86 47	29 87	15 5	i	17	18
Wholesale trade	552	2.21	-	-	:	:	1 2	-	2	41	33	1	11	81	56	36	88	163	38	"-	-] :	-	:
Retail trade	431	2.12	_	I -	_	١ .	15	15	11	9	22	33	17	70	121	10	5	1	9	86	5	! -	1	1 1

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

(Average straight-time hourly earnings for selected occupations studied on an area basis, by industry division, Chicago, Ill., April 1959)

	T								NUME	SER OF V	VORKER	B RECEIV	ING STI	RAIGHT-	TIME HO	URLY E	ARNING	oF—						
Occupation 1 and industry division	Number of workers	Average hourly earnings ²	Under \$	1,00 and under 1.10	\$ 1.10 - 1.20	-	\$ 1.30	\$ 1.40 - 1.50	\$ 1.50	-	\$ 1.70 - 1.80	1.80	\$ 1.90 - 2.00	-	\$ 2.10 - 2.20	-	-	2.40 - 2.50	-	2.00	\$ 2.70 - 2.60	\$ 2.80 -	-	\$ 3.00 and over
Shipping clerks	1,633	\$ 2.30 2.39	-		1.20	1.30	1.40_	1.90	53	48	92	37 13	46 36	161	153 117	154 137	255 175	_	163 60	45	117 112	3	53 23	68 66
Nonmanufacturing	729 532 165	2.18 2.21 2.08	=	-	=	-	-	1 - 1	53 51 2	48 38 10	67 56 11	24 3 9	10	118 67 50	36 4 28	17 2 15	80 55 12	131 125 6	103 99 4	2	5 - 5	-	30 30 -	2 2 -
Shipping and receiving clerks Manufacturing Nonmanufacturing	991 575 416	2.18 2.18 2.17	-	=	-	-	=	8	27	9	50 35 15	148 101 47	143 106 37	105 85 20	47 28 19	141 34 107	81 75 6	86 11 75	22 15 7	31 21 10	38 30 8	- - 4	3	48 34 14
Wholesale tradeRetail trade	211 118	2.29	-	-	-	=	-	8	15	2	10	9 30	26 9	2 18	2 13	72 8	2	60 10	6 -	2	8	4	2	4
Manufacturing Nonmanufacturing Public utilities* Wholesale trade	12,596 2,275 10,321 5,826 2,617 1,707	2.63 2.63 2.63 2.64 2.65 2.60	=	=	-	=	-	26 26 26	16 - 16 -	1	1 -	8 -	4	16 16	38 6 3	314 310 18 291	69 43 26 15	522 1549 451 356	307 1058	3099 199 2900 2468 388 44	3478 935 2543 1572 243 728	1886 185 1701 367 1142 192	157 29 128 119 8	41 5 36 36 -
Retail trade	2,206 877 1,329	2.58 2.68 2.52	=	=	- - -	-	-	26	16	1	1 1	- 8 8 -		16 16	25 19 6	156 3 153	8 8	303	39 15 24	728	786 750 36	47	10	36
Truckdrivers, medium (1½ to and including 4 tons) Manufacturing Nonmanufacturing Public utilities* Wholesale trade	3,872 743 3,129 1,729 1,166	2.58 2.53 2.59 2.54 2.67	-	-	- - -	 <u>-</u> <u>:</u>	-	-	-	<u>-</u> - -	- - -	-	4		19 19 -	-	42 27 15 -	398 723 317	963 91 872 762 84	962 60 902 650 252	288 148 140 -	465 465 415	8	
Truckdrivers, heavy (over 4 tons, trailer type)	4,740	2.70					-	-			_		_		•		19	374	111	1138	2080	902	111	5
Manufacturing Nonmanufacturing Public utilities* Wholesale trade		2.69 2.70 2.69 2.79	=	-	-		-	-	=	=	-	-	-	-	-	=	11	29 345 66 77	69 42 -	113 1025 1018	31 2049 1481 63	179 723 95 580	1 1 1 0 1 1 0 -	-
Truckdrivers, heavy (over 4 tons, other than trailer type) Nonmanufacturing	1,480 1,336	2.68	-		-	-	-		=-	-	-		<u> </u>			1		239 239	196 114	220 198	324 318	472 466	28	÷
Truckers, power (forklift) Manufacturing Nonmanufacturing Wholesale trade Retail trade	4,278 3,744 534 401 123	2.30 2.30 2.32 2.32 2.34	=	-	-	-	1 - 1	4 - 4 - 4	-	37 25 12 12	112 101 11 11	185 181 4 - 3	388 370 18 6 12	438 402 36 28 8	228 217 11 10	465 428 37 32 4	749 526 223 213 10	577 477 100 55 45	479 436 43 - 36	215 215 - -	149 127 22 22	251 239 12 12	-	=
Truckers, power (other than forklift) Manufacturing	675 594	2,33	-	-	-	=	-	=	-	12	31	43	27	40 37	27 26	133	90 89	128 91	39 15	40 40				65 65
Watchmen Manufacturing Nonmanufacturing Public utilities* Wholesale trade Retail trade Services	5,164 1,088 4,076 84 390 299 3,090	1.42 1.80 1.32 2.05 1.26 1.52 1.26	42 42 42	234 200 156 15 29	108 2 106 76 30	3023 65 2958 - 44 18 2864	127 17 110 - 10 16 84	237 95 142 2 31 57	259 137 122 10 61 50	217 137 80 5 2 35 3	168 85 83 5 76 2	177 84 93 6 3 20 4	209 173 36 - 15 1	55 29 26 13 4	110 83 27 10 7 7	81 39 42 39 1	51 42 9 9 -	3	1 - - - -		56 56 - - - - -	6 - - - -	-	-

Data limited to men workers except where otherwise indicated.

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

Includes all drivers regardless of size and type of truck operated.

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

Finance, insurance, and real estate.

B: Establishment Practices and Supplementary Wage Provisions

Table B-1. Shift Differentials

(Percent of manufacturing plant workers in establishments having formal provisions for shift work, and in establishments actually operating late shifts by type and amount of differential, Chicago, Ill., April 1959)

·		ts having formal	In establishments actually operating—			
Shift differential	Second shift work	Third or other shift work	Second shift	Third or other shift		
Total	90.4	79.0	17.0	5, 6		
With shift pay differential	89.3	78.8	16.6	5.5		
Uniform cents (per hour)	47.6	37.2	9.2	3.3		
Under 5 cents	.5	1 .4	. 1	(²)		
5 cents	4.2	.8	.7	-		
6 cents	.8	.2	. 2	-		
7 or 7 ½ cents	2.6	1.2	.7	.2		
8 cents	7.2	1 - 1	1.9	-		
8 1/2 cents	.7	1 - 1	. 3	-		
10 cents	24.0	12.4	3.6	.5		
ll cents	-	.1		_		
12 cents	1.0	6.3	. 2	1.3		
12 1/2 cents	.1	2.9	(²)	.4		
13 cents	.7	.7	.2	-		
14 or 14 1/2 cents	.4	1.3	. 1	.3		
15 cents	1.7	9.2	. 3	.4		
Over 15 cents	3.5	1.7	.9	. 1		
Uniform percentage	35.9	32.1	5.9	1.4		
5 percent	6.8	.8	1.5			
7 percent	.5	.5	, 1	.1		
7 ½ percent		.3	_	. 1		
10 percent	27.0	25.1	4.1	1 .9		
12 1/2 percent	1.0	1.6	. 1	. 1		
15 percent	.6	3.8	. 1	. 4		
Full day's pay for reduced hours, plus cents]				
or percentage differential	.7	5.1	. 1	.2		
Other formal pay differential	5. 1	4.4	1.4	.6		
No shift pay differential	1. 1	.2	.4	(²)		

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

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

(Distribution of establishments studied in all industries and in industry divisions by minimum entrance salary for selected categories of inexperienced women office workers, Chicago, Ill., April 1959)

:			Inexpe	rienced typ	oists				Othe	er inexperie	nced cleri	cal workers	2		
		М	anufacturin	g	Nonr	nanufacturi	ng		Manufacturing Nonmanufacturing						
Minimum weekly salary 1	All indus-		Based on	standard w	eekly hour	s³ of—		All indus-	Based on standard weekly hours 3 of—						
	tries	All sched- ules	37 1/2	40	All sched- ules	37 ¹ / ₂	40	tries	All sched- ules	37 ¹ / ₂	40	All sched- ules	37 1/2	40	
Establishments studied	438	173	xxx	xxx	265	xxx	xxx	438	173	xxx	xxx	265	xxx	xxx	
Establishments having a specified minimum	230	103	15	76	127	20	81	251	105	15	78	146	23	94	
Under \$40.00	2 6 -6 13 40 27 38 21 24 12 15 10 2 2 2 2 2 3	3 2 15 11 15 8 13 9 6 7	2 2 3 1 4 4 2 2 2 1 1	10 10 10 8 4 10 .8 5 5 5 - 2 1 1 6	2 6 6 3 11 225 16 3 13 13 3 9 3 2 2	15536631	6 - 2 - 5 16 9 14 7 8 3 6 3 2	2 7 4 18 15 56 35 30 14 26 6 13 8 8 2 2 2 3 7	7 21 16 11 6 13 4 6 5 - 2 3 7	1 1 5 3 2 2 1 1	- - - - - - - - - - - - - - - - - - -	2 7 4 11 14 35 19 19 8 13 2 7 3 2	2665	7 7 4 8 8 23 10 10 6 12 2 3 3 2 -	
Establishments having no specified minimum	106	46	xxx	ххх	60	ххх	xxx	114	44	xxx	xxx	70	жжж	xxx	
Establishments which did not employ workers in this category	102	24	жж	жж	78	xxx	ххх	73	24	хжх	жж	49	жжж	жж	

Lowest salary rate formally established for hiring inexperienced workers for typing or other clerical jobs.

Rates applicable to messengers, office girls, or similar subclerical jobs are not considered.

Hours reflect the workweek for which employees receive their regular straight-time salaries. Data are presented for all workweeks combined, and for the most common workweeks reported.

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 1959)

	OFFICE WORKERS:							PLANT WORKERS						
Weekly hours	All industries	Manufacturing	Public utilities*	Wholesale trade	Retail trade	Finance†	Services	All industries 1	Manufacturing	Public utilities*	Wholesale trade	Retail trade	Services	
All workers	100	100	100	100	100	100	100	100	100	100	100	100	100	
Under 35 hours 35 hours 36 hours 36 l/4 hours Over 36 l/4 and under 37 l/2 hours 37 l/2 hours Over 37 l/2 and under 38 l/4 hours Over 38 l/4 hours Over 38 l/4 hours Over 40 and under 40 hours 40 hours 44 hours 45 hours 48 hours Over 48 hours Over 48 hours	(2) 5 2 17 1 8 1 61 (2) (2)	(2) 5 - 2 (2) 16 (2) 12 2 62 - - - (2) (3)	3 - - 5 (²) 1 - - - - -	-3 -3 -20 -2 	(²) -6 -5 87 1 -1 	7 (a) 15 6 26 4 10 - 33	6 10 - 3 6 17 3 4 - 51 (²)	(2) (2) (2) (2) (3) (4) (2) (2) (4) (2) (2) (2) (2) (3) (4) (1) (2) (2) (3) (4) (4) (4) (4) (5) (6) (6) (7) (7) (8) (8) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	1 2 1 3 (2) 4 (2) 4 (2) - 86 (2) - 1 1 (2)	100		76 3 2 2 7 8	(2) 4 1 (2) - 1 (2) - 2 2 67 - 8 - 10 5	

Includes data for real estate in addition to those industry divisions shown separately.
 Less than 0.5 percent.
 Transportation (excluding railroads), communication, and other public utilities.
 Finance, insurance, and real estate.

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 1959)

			0	FFICE WORKER	RS.					PLANT V	WORKERS		
Item	All industries	Manufacturing	Public utilities*	Wholesale trade	Retail trade	Finance†	Services	All industries ¹	Manufacturing	Public utilities*	Wholesale trade	Retail trade	Services
All workers	100	100	100	100	100	100	100	100	100	100	100	100	100
Workers in establishments providing paid holidays	99 (²)	99 (²)	100	100	99	100	99 (²)	97 3	99 1	³ 98 2	98 2	95 5	87 13
Number of days													
Less than 6 holidays 6 holidays plus 1 half day 6 holidays plus 2 or 3 half days 6 holidays plus 6, or 7 half days 6 holidays plus 6, or 7 half days 7 holidays plus 1 half day 7 holidays plus 2 or 3 half days 8 holidays plus 4 half days 8 holidays plus 4 half days 8 holidays plus 1 half day 9 holidays plus 1 half day 10 holidays plus 2 half days 10 holidays 10 holidays 11 holidays 11 holidays 11 holidays 11 holidays 11 holidays plus 1 half day 11 holidays plus 1 half day 11 holidays 11 holidays plus 1 half day 11 holidays plus 1 half day 11 holidays plus 1 half day 11 holidays plus 1 half day 11 holidays plus 1 half day	32 3 7 1 22 4 1 (2) (2) (2) 11 1 1 4 (2) (2) (2) (2) (2)	30 3 14 -34 (⁵) 11 1 1 	10 -7 -7 -20 -3 -36 	48 1 10 17 (2) 21 (2)	64 2 (2) 32 - - (2) - (2)	10 5 - 3 4 7 1 1 1 - 4 4 5 4 2 1 8 (2) 3 2 5	67 1 (2) 14 1 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 37 2 11	2 23 3 17 42 (²)	34	58 1 7 - 18 - 1 - - - - - - - - - - - - - - -	4 76	30 55 - (2) 1 - (2) (2) (2) - - - -
Total holiday time ³													
12 days	1 2 9 9 12 12 18 20 31 35 65 68 99 99 99	- - - - 2 3 14 19 66 69 99 99 99	2 2 2 24 27 63 63 90 90 100 100	2 2 2 2 2 2 2 2 2 4 51 52 100 100 100	(2) (2) (2) (2) 1 1 33 35 99 99 99	3 8 40 41 50 52 65 68 74 81 85 90 100 100	- 3 3 3 9 9 15 15 17 31 33 99 99 99	- (a) (a) (a) (a) (a) (a) (a) (a) (a) (a)	- (2) (2) (2) (2) (1) 11 11 12 71 74 97 98 99 99	23 23 25 55 64 64 98 98 98 98	- 1 1 1 3 3 14 14 19 40 98 98 98 98	(2) (2) (2) (2) (1) 15 15 15 19 191 91 92 95	- (a) (a) (a) (a) (a) (a) (a) (a) (a) (a)

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.

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 no half days, 6 full days and 2 half days, 5 full days and 4 half days, and so on. Proportions were then cumulated.

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

† Finance, insurance, and real estate.

Table B-5. Paid Vacations

(Percent distribution of office and plant workers in all industries and in industry divisions by vacation pay provisions, Chicago, Ill., April 1959)

Vacation policy	1		0	FFICE WORKER	us ·	· · · · · · · · · · · · · · · · · · ·			-	PLANT \	VORKERS	••	
vacation policy	Ali industries	Manufacturing	Public utilities*	Wholesale trade	Retail trade	Finance†	Services	All 1 industries	Manufacturing	Public utilities*	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	99 99 1 - - (a)	100 99 1 - -	100 100 - - -	100 100 - - -	100 96 4 - -	99 99 - - - - (2)	100	100 92 6 (*) 1	100 90 8 - 2	100 100 - - -	100 92 8 - -	100 95 5 - -	100 99 (a) -
Amount of vacation pay ³													
After 6 months of service Less than 1 week 1 week Over 1 and under 2 weeks 2 weeks After 1 year of service	5 52 8 5	9 55 5 7	- 49 - -	1 54 5 -	24 2 -	2 63 21 7	8 45 14 (²)	18 12 3	2.7 8 4 -	6 -	3 26 4 -	29 - -	4 7 (²)
Less than 1 week 1 week Over 1 and under 2 weeks 2 weeks Over 2 and under 3 weeks 3 weeks	20 1 78 (2) 2	16 1 81 -	12 - 88 -	21 - 75 4	69	97 (a)	24 - 66 1 9	(2) 77 2 16 1	82 3 9 1 6	64	63 - 36 2	67 - 33 - -	(2) 87 1 11 - (2)
After 2 years of service Less than 1 week	(a) 2 (a) 93 1 3	- 3 - 90 - 7	- 4 - 96 -	3 4 89 4	- 1 - 99 -	(2) - - 99 - (2)	(²) - 88 3 9	(²) 40 5 50 1 4	52 6 34 1 7	27 1 72	23 6 69 2	10 - 90	(2) 37 7 56 - (2)
After 3 years of service Less than 1 week 1 week Over 1 and under 2 weeks Over 2 and under 3 weeks 3 weeks	(a) (a) 94 1 4	(2) 1 91 1 7	100	- 2 94 4	99	- - - 99 (²)	77 3 21	(2) 8 15 71 2 4	10 22 58 3 7	- - 99 1	- 6 5 87 2	- 7 93 -	(2) 2 7 90 (a)

See footnotes at end of table.

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

Table B-5. Paid Vacations-Continued

(Percent distribution of office and plant workers in all industries and in industry divisions by vacation pay provisions, Chicago, Ill., April 1959)

			0	FFICE WORKE	rs					PLANT V	WORKERS		
Vacation policy	All industries	Manufacturing	Public utilities*	Wholesale trade	Retail trade	Finance†	Services	All 1 industries	Manufacturing	Public utilities*	Wholesale trade	Retail trade	Services
Amount of vacation pay3— Continued													
After 5 years of service													
1 week	(2) - 88 5 7	- 87 4 9	- 99 - 1	- 88 5 6	1 94 3 3	- - 88 9 3	70 3 27	(2) 87 4 8	1 1 85 4 9	98 1	- 94 3 3	2 - 85 3 10	1 99 (a)
After 10 years of service													
1 week	(2) 48 10 40 - 2	46 9 42 -	61 23 16	- 60 8 29 - 4	1 34 3 62	46 16 38 -	48 1 49 - 3	1 47 16 36 (2) (2)	1 42 21 36 1	70 24 7	61 8 30	2 40 3 54	1 89 - 10 -
After 15 years of service					1								
l week	(2) 11 1 82 2 3	10 2 84 - 4	3 74 22 1	22 3 72 -	1 7 - 92 -	7 2 89 - 3	34 1 57 - 9	1 15 1 80 3 (2)	1 9 1 87 2 (2)	75 24 2	26 73	2 18 - 80 -	1 86 13
After 20 years of service													
1 week	(2) 10 1 73 1 13	10 	72 - 3 22	21 3 58 - 18	1 5 81 - 13	- 6 3 79 2 10	33 1 57 - 9	1 14 1 70 2 11 2	1 8 1 80 3 7	- - 44 - 33 23	22 	2 15 - 63 - 20	1 82 - 17 -
After 25 years of service													
1 week	(2) 10 (2) 46 2 38 3	10 - 47 4 39 1	65 1 9 22	21 3 38 2 36	1 5 - 17 - 78	54 2 37 2	31 1 55 - 14	1 13 1 50 6 26 2	1 8 1 56 10 23 1	43 - 34 23	22 - 43 2 33	2 15 - 39 - 44 -	1 77 - 21 - 1

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

Less than 0.5 percent.

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.

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

Finance, insurance, and real estate.

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

(Percent of office and plant workers in all industries and industry divisions employed in establishments providing health, insurance, or pension benefits, Chicago, Ill., April 1959)

	OFFICE WORKERS;								PLANT WORKERS						
Type of benefit	All industries	Manufacturing	Public utilities*	Wholesale trade	Retail trade	Finance†	Services	All industries I	Manufacturing	Public utilities*	Wholesale trade	Retail trade	Services		
All workers	100	100	100	100	100	100	100	100	100	100	100	100	100		
Workers in establishments providing: Life insurance Accidental death and dismemberment	95	99	96	85	92	99	69	92	98	98	89	91	79		
insuranceSickness and accident insurance or	44	54	30	50	38	38	23	49	57	37	49	32	33		
sick leave or both ² Sickness and accident insurance Sick leave (full pay and no	80 48	88 68	92 36	78 43	91 35	65 32	49 23	90 78	97 89	97 54	70 53	79 57	7-		
waiting period)Sick leave (partial pay or	42	44	41	53	8	54	29	5	1	30	22	4	1		
waiting period) Hospitalization insurance Surgical insurance	15 83 83	87 87	43 55 54	2 84 82	57 95 90	83 86	69 69	89 88	10 93 93	36 61 61	78 77	29 90 85	8		
Medical insuranceCatastrophe insurance	56 37	63 28	37 35	59 34	24 58	70 50	43 23	58 15	61 13	38 23	48 14	46 22	7		
Retirement pensionNo health, insurance, or pension plan	76 1	75 (³)	86 (³)	72 1	77 1	84 (³)	41 11	60 2	65 1	94	59 4	45 3	1		

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

Unduplicated total of workers receiving sick leave or sickness and accident insurance shown separately below. Sick-leave plans are limited to those which definitely establish at least the minimum number of days' pay that can be expected by each employee. Informal sick-leave allowances determined on an individual basis are excluded.

Less than 0.5 percent.

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

Finance, insurance, and real estate.

Appendix: Occupational Descriptions

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

Office

BILLER, MACHINE

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

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

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

BOOKKEEPING-MACHINE OPERATOR

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

BOOKKEEPING-MACHINE OPERATOR-Continued

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

Class B—Keeps a record of one or more phases or sections of a set of records usually requiring little knowledge of basic 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 payable; examining and coding invoices or vouchers with proper accounting distribution; requires judgment and experience in making proper assignations and allocations. May assist in preparing, adjusting, and closing journal entries; may direct class B accounting clerks.

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

CLERK, FILE

Class A—Responsible for maintaining an established filing system. Classifies and indexes correspondence or other material; may also file this material. May keep records of various types in conjunction with files or supervise others in filing and locating material in the files. May perform incidental clerical duties.

<u>Class B</u>—Performs routine filing, usually of material that has already been classified, or locates or assists in locating material in the files. May perform incidental clerical duties.

CLERK, ORDER

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

CLERK, PAYROLL

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

COMPTOMETER OPERATOR

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

DUPLICATING-MACHINE OPERATOR (MIMEOGRAPH OR DITTO)

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

KEY-PUNCH OPERATOR

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

OFFICE BOY OR GIRL

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

SECRETARY

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

STENOGRAPHER, GENERAL

Primary duty is to take dictation from one or more persons, either in shorthand or by stenotype or similar machine, involving a normal routine vocabulary, and to transcribe this dictation on a typewriter. May also type from written copy. May also set up and keep files in order, keep simple records, etc. Does not include transcribing-machine work (see transcribing-machine operator).

STENOGRAPHER, TECHNICAL

Primary duty is to take dictation from one or more persons, either in shorthand or by stenotype or similar machine, involving a varied technical or specialized vocabulary such as in legal briefs or reports on scientific research and to transcribe this dictation on a typewriter. May also type from written copy. May also set up and keep files in order, keep simple records, etc. Does not include transcribing-machine work.

SWITCHBOARD OPERATOR

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

SWITCHBOARD OPERATOR-RECEPTIONIST

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

TABULATING-MACHINE OPERATOR

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

TRANSCRIBING-MACHINE OPERATOR, GENERAL

Primary duty is to transcribe dictation involving a normal routine vocabulary from transcribing machine records. May also type from written copy and do simple clerical work. Workers transcribing dictation involving a varied technical or specialized vocabulary such as legal briefs or reports on scientific research are not

TRANSCRIBING-MACHINE OPERATOR, GENERAL --- Continued

included. A worker who takes dictation in shorthand or by stenotype or similar machine is classified as a stenographer, general.

TYPIST

Uses a typewriter to make copies of various material or to make out bills after calculations have been made by another person. May do clerical work involving little special training, such as keeping simple records, filing records and reports or sorting and distributing incoming mail.

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

<u>Class B</u>—Performs one or more of the following: Typing from relatively clear or typed drafts; routine typing of forms, insurance policies, etc., setting up simple standard tabulations, or copying more complex tables already set up and spaced properly.

Professional and Technical

DRAFTSMAN, JUNIOR

(Assistant draftsman)

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

DRAFTSMAN, LEADER

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

DRAFTSMAN, LEADER --- Continued

emergencies or as a regular assignment, or perform related duties of a supervisory or administrative nature.

DRAFTSMAN, SENIOR

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

NURSE, INDUSTRIAL (REGISTERED)

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

NURSE, INDUSTRIAL (REGISTERED)-Continued

environment, or other activities affecting the health, welfare, and safety of all personnel.

TRACER

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

Maintenance and Powerplant

CARPENTER, MAINTENANCE

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

ELECTRICIAN, MAINTENANCE

Performs a variety of electrical trade functions such as the installation, maintenance, or repair of equipment for the generating, distribution, or utilization of electric energy in an establishment. Work involves most of the following: Installing or repairing any of a variety of electrical equipment such as generators, transformers, switchboards, controllers, circuit breakers, motors, heating units, conduit systems, or other transmission equipment; working from blue-prints, drawings, layout, or other specifications; locating and diagnosing trouble in the electrical system or equipment; working standard computations relating to load requirements of wiring or electrical equipment; using a variety of electrician's handtools and measuring and testing instruments. In general, the work of the maintenance electrician requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

ENGINEER, STATIONARY

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

FIREMAN, STATIONARY BOILER

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

HELPER, TRADES, MAINTENANCE

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

MACHINE-TOOL OPERATOR, TOOLROOM

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

MACHINIST, MAINTENANCE

Produces replacement parts and new parts in making repairs of metal parts of mechanical equipment operated in an establishment. Work involves most of the following: Interpreting written instructions and specifications; planning and laying out of work; using a variety of machinist's handtools and precision measuring instruments; setting up and operating standard machine tools; shaping of metal parts to close tolerances; making standard shop computations relating to dimensions of work, tooling, feeds and speeds of machining; knowledge of the working properties of the common metals; selecting standard materials, parts, and equipment required for his work; fitting and assembling parts into mechanical equipment. In general, the machinist's work normally requires a rounded training in machineshop practice usually acquired through a formal apprenticeship or equivalent training and experience.

MECHANIC, AUTOMOTIVE (MAINTENANCE)

Repairs automobiles, buses, motortrucks, and tractors of an establishment. Work involves most of the following: Examining automotive equipment to diagnose source of trouble; disassembling equipment and performing repairs that involve the use of such handtools as wrenches, gauges, drills, or specialized equipment in disassembling or fitting parts; replacing broken or defective parts from stock; grinding and adjusting valves; reassembling and installing the various assemblies in the vehicle and making necessary adjustments; alining wheels, adjusting brakes and lights, or tightening body bolts. In general, the work of the automotive mechanic requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

MECHANIC, MAINTENANCE

Repairs machinery or mechanical equipment of an establishment. Work involves most of the following: Examining machines and mechanical equipment to diagnose source of trouble; dismantling or partly dismantling machines and performing repairs that mainly involve the use of handtools in scraping and fitting parts; replacing broken or defective parts with items obtained from stock; ordering the production of a replacement part by a machine shop or sending of the machine to a machine shop for major repairs; preparing written specifications for major repairs or for the production of parts ordered from machine shop; reassembling machines; and making all necessary adjustments for operation. In general, the work of a maintenance mechanic requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience. Excluded from this classification are workers whose primary duties involve setting up or adjusting machines.

MILLWRIGHT

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

OILER

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

PAINTER, MAINTENANCE

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

PIPEFITTER, MAINTENANCE

Installs or repairs water, steam, gas, or other types of pipe and pipefittings in an establishment. Work involves most of the following: Laying out of work and measuring to locate position of pipe from drawings or other written specifications; cutting various sizes of pipe to correct lengths with chisel and hammer or oxyacetylene torch or pipe-cutting machine; threading pipe with stocks and dies; bending pipe by hand-driven or power-driven machines; assembling pipe with couplings and fastening pipe to hangers; making standard shop computations relating to pressures, flow, and size of pipe required; making standard tests to determine whether finished pipes meet specifications. In general, the work of the maintenance pipefitter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience. Workers primarily engaged in installing and repairing building sanitation or heating systems are excluded.

PLUMBER, MAINTENANCE

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

SHEET-METAL WORKER, MAINTENANCE

Fabricates, installs, and maintains in good repair the 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

SHEET-METAL WORKER, MAINTENANCE --- Continued

and laying out all types of sheet-metal maintenance work from blueprints, models, or other specifications; setting up and operating all available types of sheet-metal-working machines; using a variety of handtools in cutting, bending, forming, shaping, fitting, and assembling; installing sheet-metal articles as required. In general, the work of the maintenance sheet-metal worker requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience

TOOL AND DIE MAKER

(Diemaker; jig maker; toolmaker; fixture maker; gauge maker)

Constructs and repairs machine-shop tools, gauges, jigs, fixtures or dies for forgings, punching and other metal-forming work. Work involves most of the following: Planning and laying out of work from models, blueprints, drawings, or other oral and written specifications; using a variety of tool and die maker's handtools and precision measuring instruments, understanding of the working properties of common metals and alloys; setting up and operating of machine tools and related equipment; making necessary shop computations relating to dimensions of work, speeds, feeds, and tooling of machines; 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; 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; charwoman; janitress)

Cleans and keeps in an orderly condition factory working areas and washrooms, or premises of an office, apartment house, or commercial or other establishment. Duties involve a combination of the following: Sweeping, mopping or scrubbing, and polishing floors; removing chips, trash, and other refuse; dusting equipment, furniture, or fixtures; polishing metal fixtures or trimmings; providing supplies and minor maintenance services; cleaning lavatories, showers, and restrooms. Workers who specialize in window washing are excluded.

LABORER, MATERIAL HANDLING

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

A worker employed in a warehouse, manufacturing plant, store, or other establishment whose duties involve one or more of the following: Loading and unloading various materials and merchandise on or from freight cars, trucks, or other transporting devices; unpacking, shelving, or placing materials or merchandise in proper storage location; transporting materials or merchandise by hand truck, car, or wheelbarrow. Longshoremen, who load and unload ships are excluded.

ORDER FILLER

(Order picker; stock selector; warehouse stockman)

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

PACKER, SHIPPING

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

SHIPPING AND RECEIVING CLERK

Prepares merchandise for shipment, or receives and is responsible for incoming 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

SHIPPING AND RECEIVING CLERK --- Continued

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

For wage study purposes, workers are classified as follows:

Receiving clerk
Shipping clerk
Shipping and receiving clerk

TRUCKDRIVER

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

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

Truckdriver	(combina	ation of	sizes	listed	sepa	rately)	
Truckdriver,							
Truckdriver,	medium	$1 (1 \frac{1}{2}) tc$	and	includi	ng 4	tons)	
Truckdriver,	heavy (over 4	tons,	trailer	type	2)	
Truckdriver	heavy (over 4	ons,	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.

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Occupational Wage Surveys

Occupational wage surveys are being conducted in 21 major labor markets during late 1958 and early 1959. These bulletins, numbered 1240-1 through 1240-21, when available, may be purchased from the Superintendent of Documents, Government Printing Office, Washington 25, D.C., or from any of the BLS regional sales offices shown below.

A summary bulletin (1240-22) containing data for all labor markets, except Lawrence, Mass., combined with additional analysis will be issued early in 1960.

Bulletins for the areas listed below are now available.

Seattle, Wash., August 1958 — BLS Bull. 1240-1, price 25 cents Baltimore, Md., August 1958 — BLS Bull. 1240-2, price 25 cents Buffalo (Erie and Niagara Counties), N. Y., September 1958 — BLS Bull. 1240-3, price 25 cents
St. Louis, Mo., October 1958 — BLS Bull. 1240-4, price 15 cents Dallas, Tex., October 1958 — BLS Bull. 1240-5, price 25 cents Boston, Mass., October 1958 — BLS Bull. 1240-6, price 25 cents Denver, Colo., December 1958 — BLS Bull. 1240-7, price 20 cents Philadelphia, Pa., November 1958 — BLS Bull. 1240-8, price 30 cents

Newark-Jersey City, N. J., December 1958 —
BLS Bull. 1240-9, price 20 cents
Memphis, Tenn., January 1959 — BLS Bull. 1240-10, price 20 cents
Minneapolis-St. Paul, Minn., January 1959 —
BLS Bull. 1240-11, price 20 cents
Detroit, Mich., January 1959 — BLS Bull. 1240-12, price 25 cents
San Francisco-Oakland, Calif., January 1959 —
BLS Bull. 1240-13, price 25 cents
New Orleans, La., February 1959 — BLS Bull. 1240-14, price 20 cents

