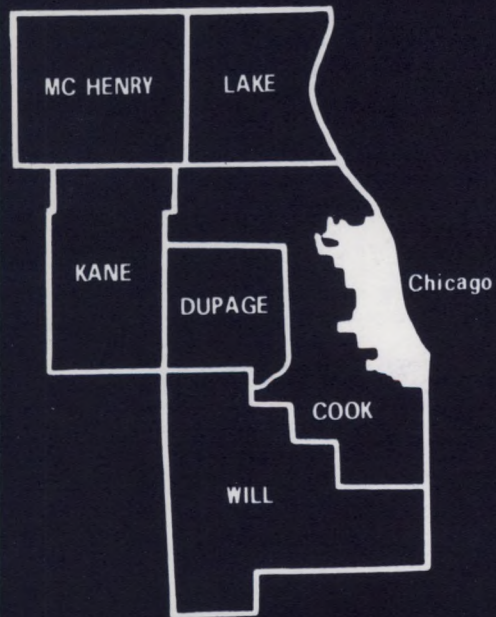


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AREA WAGE SURVEY

Chicago, Illinois, Metropolitan Area,
May 1973

Bulletin 1775-88



GOVERNMENT COLLECTION
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U.S. DEPARTMENT OF LABOR

U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Preface

This bulletin provides results of a May 1973 survey of occupational earnings in the Chicago, Illinois, Standard Metropolitan Statistical Area (Cook, DuPage, Kane, Lake, McHenry, and Will Counties). The survey was made as part of the Bureau of Labor Statistics' annual area wage survey program. The program is designed to yield data for individual metropolitan areas, as well as national and regional estimates for all Standard Metropolitan Areas in the United States, excluding Alaska and Hawaii, (as defined by the U.S. Office of Management and Budget through November 1971).

A major consideration in the area wage survey program is the need to describe the level and movement of wages in a variety of labor markets, through the analysis of (1) the level and distribution of wages by occupation, and (2) the movement of wages by occupational category and skill level. The program develops information that may be used for many purposes, including wage and salary administration, collective bargaining, and assistance in determining plant location. Survey results also are used by the U.S. Department of Labor to make wage determinations under the Service Contract Act of 1965.

Currently, 96 areas are included in the program. (See list of areas on inside back cover.) In each area, occupational earnings data are collected annually. Information on establishment practices and supplementary wage benefits, collected every second year in the past, is now obtained every third year.

Each year after all individual area wage surveys have been completed, two summary bulletins are issued. The first brings together data for each metropolitan area surveyed. The second summary bulletin presents national and regional estimates, projected from individual metropolitan area data.

The Chicago survey was conducted by the Bureau's regional office in Chicago, Ill., under the general direction of Peter J. Hebein, Acting Assistant Regional Director for Operations. The survey could not have been accomplished without the cooperation of the many firms whose wage and salary data provided the basis for the statistical information in this bulletin. The Bureau wishes to express sincere appreciation for the cooperation received.

Note:

Reports on occupational earnings and supplementary wage provisions in the Chicago area are available for the contract cleaning (July 1971), life insurance (December 1971), and wood household furniture (October 1971) industries, and for occupational earnings only for selected laundry and dry cleaning occupations. Also available are listings of union wage rates for building trades, printing trades, local-transit operating employees, local truckdrivers and helpers, and grocery store employees. Free copies of these are available from the Bureau's regional offices. (See back cover for addresses.)

AREA WAGE SURVEY

Bulletin 1775-88
September 1973



U.S. DEPARTMENT OF LABOR, Peter J. Brennan, Secretary
BUREAU OF LABOR STATISTICS, Julius Shiskin, Commissioner

Chicago, Illinois, Metropolitan Area, May 1973

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Introduction

This area is 1 of 96 in which the U.S. Department of Labor's Bureau of Labor Statistics conducts surveys of occupational earnings on an areawide basis annually.¹ Field representatives, in personal visits to establishments in the area, collect employment, earnings, establishment practices, and related benefits information every third year. In each of the intervening years, information on employment and earnings is collected by mail questionnaires from establishments participating in the previous survey. This bulletin presents the results of the latter type survey.

In each area, data are obtained from representative establishments within six broad industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Major industry groups excluded from these studies are government operations and the construction and extractive industries. Establishments having fewer than a prescribed number of workers are omitted because they tend to furnish insufficient employment in the occupations studied to warrant inclusion. Separate tabulations are provided for each of the broad industry divisions which meet publication criteria.

These surveys are conducted on a sample basis. The sampling procedures involve detailed stratification of all establishments within the scope of an individual area survey by industry and number of employees. From this stratified universe a probability sample is selected, with each establishment having a predetermined chance of selection. To obtain optimum accuracy at minimum cost, a greater proportion of large than small establishments is selected. When data are combined, each establishment is weighted according to its probability of selection, so that unbiased estimates are generated. For example, if one out of four establishments is selected, it is given a weight of four to represent itself plus three others. An alternate of the same original probability is chosen in the same industry-size classification if data are not available for the original sample member. If no suitable substitute is available, additional weight is assigned to a sample member that is similar to the missing unit.

Occupations and Earnings

The occupations selected for study are common to a variety of manufacturing and nonmanufacturing industries, and are of the following types: (1) Office clerical; (2) professional and technical;

¹ Included in the 96 areas are 10 studies conducted by the Bureau under contract. These areas are Austin, Tex.; Binghamton, N.Y. (New York portion only); Durham, N.C.; Fort Lauderdale-Hollywood and West Palm Beach, Fla.; Huntsville, Ala.; Lexington, Ky.; Poughkeepsie-Kingston-Newburgh, N.Y.; Rochester, N.Y. (office occupations only); Syracuse, N.Y.; and Utica-Rome, N.Y. In addition, the Bureau conducts more limited area studies in approximately 70 areas at the request of the Employment Standards Administration of the U.S. Department of Labor.

(3) maintenance and powerplant; and (4) custodial and material movement. Occupational classification is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. The occupations selected for study are listed and described in the appendix. Unless otherwise indicated, the earnings data following the job titles are for all industries combined. Earnings data for some of the occupations listed and described, or for some industry divisions within occupations, are not presented in the A-series tables, because either (1) employment in the occupation is too small to provide enough data to merit presentation, or (2) there is possibility of disclosure of individual establishment data. Earnings data not shown separately for industry divisions are included in all industries combined data, where shown. Likewise, data are included in the overall classification when a subclassification of secretaries or truckdrivers is not shown or information to subclassify is not available.

Occupational employment and earnings data are shown for full-time workers, i.e., those hired to work a regular weekly schedule. Earnings data exclude premium pay for overtime and for work on weekends, holidays, and late shifts. Nonproduction bonuses are excluded, but cost-of-living allowances and incentive earnings are included.² Where weekly hours are reported, as for office clerical occupations, reference is to the standard workweek (rounded to the nearest half hour) for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates). Average weekly earnings for these occupations are rounded to the nearest half dollar.

These surveys measure the level of occupational earnings in an area at a particular time. Comparisons of individual occupational averages over time may not reflect expected wage changes. The averages for individual jobs are affected by changes in wages and employment patterns. For example, proportions of workers employed by high- or low-wage firms may change or high-wage workers may advance to better jobs and be replaced by new workers at lower rates. Such shifts in employment could decrease an occupational average even though most establishments in an area increase wages during the year. Trends in earnings of occupational groups, shown in table 2, are better indicators of wage trends than individual jobs within the groups.

Average earnings reflect composite, areawide estimates. Industries and establishments differ in pay level and job staffing, and thus contribute differently to the estimates for each job. Pay averages may fail to reflect accurately the wage differential among jobs in individual establishments.

² Special payments provided for work in designated parts of the area by companies not considering such payments a part of the regular salary or hourly rate were not included because of reporting problems. Such instances are few and do not have a large impact on the published data.

Table 1. Establishments and workers within scope of survey and number studied in Chicago, Ill.,¹ by major industry division,² May 1973

Industry division	Minimum employment in establishments in scope of study	Number of establishments		Workers in establishments		Studied
		Within scope of study ³	Studied	Within scope of study ⁴		
				Number	Percent	
All establishments						
All divisions	-	4,134	579	1,439,790	100	685,740
Manufacturing	100	1,776	219	742,905	52	283,939
Nonmanufacturing	-	2,358	360	696,885	48	401,801
Transportation, communication, and other public utilities ⁵	100	205	55	151,659	10	114,081
Wholesale trade	50	719	77	110,150	8	30,509
Retail trade	100	234	57	199,166	13	150,348
Finance, insurance, and real estate ⁶	50	482	63	109,603	8	58,820
Services ⁷	50	718	108	126,307	9	48,043
Large establishments						
All divisions	-	526	253	858,038	100	616,319
Manufacturing	500	328	117	438,173	51	257,842
Nonmanufacturing	-	198	136	419,865	49	358,477
Transportation, communication, and other public utilities ⁵	500	43	30	122,674	14	108,657
Wholesale trade	500	22	15	24,875	3	19,117
Retail trade	500	52	35	168,802	20	145,040
Finance, insurance, and real estate ⁶	500	31	24	57,066	7	52,253
Services ⁷	500	50	32	46,448	5	33,410

¹ The Chicago Standard Metropolitan Statistical Area, as defined by the Office of Management and Budget through November 1971, consists of Cook, DuPage, Kane, Lake, McHenry, and Will Counties. The "workers within scope of study" estimates shown in this table provide a reasonably accurate description of the size and composition of the labor force included in the survey. The estimates are not intended, however, to serve as a basis of comparison with other employment indexes for the area to measure employment trends or levels since (1) planning of wage surveys requires the use of establishment data compiled considerably in advance of the payroll period studied, and (2) small establishments are excluded from the scope of the survey.

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

³ Includes all establishments with total employment at or above the minimum limitation. All outlets (within the area) of companies in such industries as trade, finance, auto repair service, and motion picture theaters are considered as 1 establishment.

⁴ Includes all workers in all establishments with total employment (within the area) at or above the minimum limitation.

⁵ Abbreviated to "public utilities" in the A-series tables. Taxicabs and services incidental to water transportation were excluded. The local-transit system for the city of Chicago is municipally operated and is excluded by definition from the scope of the study.

⁶ Abbreviated to "finance" in the A-series tables.

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

Industrial composition in manufacturing

About one-half of the workers within scope of the survey in the Chicago area were employed in manufacturing firms. The following presents the major industry groups and specific industries as a percent of all manufacturing:

Industry groups	Specific industries
Electrical equipment and supplies..... 20	Communication equipment..... 7
Machinery, except electrical... 13	Blast furnace and basic steel products..... 5
Fabricated metal products..... 10	Radio and TV receiving equipment..... 5
Food and kindred products..... 10	
Primary metal industries..... 9	
Printing and publishing..... 9	
Chemicals and allied products.. 5	

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

Wage Trends for Selected Occupational Groups

Presented in table 2 are indexes and percents of change in average weekly salaries of office clerical workers and industrial nurses, and in average hourly earnings of selected plantworker groups. The indexes are a measure of wages at a given time, expressed as a percent of wages during the base period. Subtracting 100 from the index yields the percent change in wages from the base period to the date of the index. The percents of change or increase relate to wage changes between the indicated dates. Annual rates of increase, where shown, reflect the amount of increase for 12 months when the time period between surveys was other than 12 months. These computations are based on the assumption that wages increased at a constant rate between surveys. These estimates are measures of change in averages for the area; they are not intended to measure average pay changes in the establishments in the area.

Method of Computing

Each of the following key occupations within an occupational group is assigned a constant weight based on its proportionate employment in the occupational group:

Office clerical (men and women):	Office clerical (men and women)—Continued	Skilled maintenance (men):
Bookkeeping-machine operators, class B	Secretaries	Carpenters
Clerks, accounting, classes A and B	Stenographers, general	Electricians
Clerks, file, classes A, B, and C	Stenographers, senior	Machinists
Clerks, order	Switchboard operators, classes A and B	Mechanics
Clerks, payroll	Tabulating-machine operators, class B	Mechanics (automotive)
Keypunch operators, classes A and B	Typists, classes A and B	Painters
Messengers (office boys or girls)	Industrial nurses (men and women):	Pipefitters
	Nurses, industrial (registered)	Tool and die makers
		Unskilled plant (men):
		Janitors, porters, and cleaners
		Laborers, material handling

NOTE: Comptometer operators, used in the computation of previous trends, are no longer surveyed by the Bureau.

The average (mean) earnings for each occupation are multiplied by the occupational weight, and the products for all occupations in the group are totaled. The aggregates for 2 consecutive years are related by subtracting the aggregate for the earlier year from the aggregate for the later year and dividing the remainder by the aggregate for the earlier year. The result times 100 shows the percent of change.

The index is a measure of wages at a given time and is expressed as a percent of wages in the base year. The base year is assigned the value of 100 percent. The index is computed by multiplying the base year relative (100 percent) by the relative (the percent change plus 100 percent) for the next succeeding year and then continuing to multiply (compound) each year's relative by the previous year's index.

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

Limitations of Data

The indexes and percents of change, as measures of change in area averages, are influenced by: (1) General salary and wage changes, (2) merit or other increases in pay received by individual workers while in the same job, and (3) changes in average wages due to changes in the labor force resulting from labor turnover, force expansions, force reductions, and changes in the proportions of workers employed by establishments with different pay levels. Changes in the labor force can cause increases or decreases in the occupational averages without actual wage changes. It is conceivable that even though all establishments in an area gave wage increases, average wages may have declined because lower-paying establishments entered the area or expanded their work forces. Similarly, wages may have remained relatively constant, yet averages for an area may have risen considerably because higher-paying establishments entered the area.

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

Table 2. Indexes of earnings for selected occupational groups in Chicago, Ill., June 1972 and May 1973, and percents of increase for selected periods

Period	All industries				Manufacturing			
	Weekly earnings		Hourly earnings		Weekly earnings		Hourly earnings	
	Office clerical (men and women)	Industrial nurses (men and women)	Skilled maintenance trades (men)	Unskilled plant-workers (men)	Office clerical (men and women)	Industrial nurses (men and women)	Skilled maintenance trades (men)	Unskilled plant-workers (men)
	Indexes (April 1967=100)							
June 1972.....	133.5	141.9	142.2	145.1	132.9	142.1	140.1	142.0
May 1973.....	140.7	150.1	150.9	154.5	139.7	149.9	147.7	149.8
	Percents of increase							
April 1960 to April 1961.....	2.3	3.1	3.6	3.7	3.1	3.1	3.3	3.3
April 1961 to April 1962.....	3.2	3.0	3.5	2.5	3.0	3.6	3.4	3.2
April 1962 to April 1963.....	2.3	2.5	2.1	3.8	2.5	2.0	1.9	2.5
April 1963 to April 1964.....	2.5	4.3	3.4	2.7	3.5	3.8	3.1	1.6
April 1964 to April 1965.....	2.6	2.8	3.1	2.8	2.6	3.2	3.0	1.9
April 1965 to April 1966.....	2.8	4.1	3.0	3.7	2.4	3.1	3.0	2.5
April 1966 to April 1967.....	4.7	5.2	3.6	3.8	4.1	5.2	3.9	4.7
April 1967 to April 1968.....	4.8	7.4	5.9	6.0	5.0	7.0	5.9	6.4
April 1968 to April 1969.....	6.5	8.0	6.5	7.0	6.0	8.1	6.3	7.3
April 1969 to June 1970:								
14-month increase.....	7.3	8.9	7.0	8.5	6.7	8.9	6.6	8.3
Annual rate of increase.....	6.2	7.6	6.0	7.2	5.7	7.6	5.6	7.1
June 1970 to June 1971.....	6.0	6.5	9.5	9.8	5.8	6.2	8.9	7.2
June 1971 to June 1972.....	5.2	5.5	7.6	7.4	5.8	6.2	7.2	7.1
June 1972 to May 1973:								
11-month increase.....	5.4	5.8	6.1	6.5	5.1	5.5	5.4	5.5
Annual rate of increase.....	5.9	6.3	6.7	7.1	5.6	6.0	5.9	6.0

Table 3. Percents of increase in average hourly earnings for selected occupational groups, adjusted for employment shifts, in Chicago, Ill., June 1972 to May 1973

Period	All industries				Manufacturing				Nonmanufacturing			
	Office clerical (men and women)	Industrial nurses (men and women)	Skilled maintenance trades (men)	Unskilled plant-workers (men)	Office clerical (men and women)	Industrial nurses (men and women)	Skilled maintenance trades (men)	Unskilled plant-workers (men)	Office clerical (men and women)	Industrial nurses (men and women)	Skilled maintenance trades (men)	Unskilled plant-workers (men)
June 1972 to May 1973:												
11-month increase	5.2	5.0	5.7	7.1	5.2	4.6	4.8	5.9	5.2	7.0	(¹)	8.0
Annual rate of increase	5.7	5.5	6.2	7.8	5.7	5.0	5.2	6.5	5.7	7.9	(¹)	8.8

¹ Data do not meet publication criteria.

NOTE: Table 3 provides percents of change in average hourly earnings for selected occupational groups, adjusted to exclude the effect of employment shifts. The new method for computing wage trends is based on changes in average hourly earnings for establishments reporting the index jobs in both the current and previous year (matched establishments), holding establishment employment in the jobs constant.

The new wage trends are not linked to the current indexes because the new wage trends measure changes in matched establishment averages whereas the current indexes measure changes in area averages. Other characteristics of the new wage trends which differ from the current ones include (1) earnings data of office clerical workers and industrial nurses are converted to an hourly basis, and (2) trend estimates are provided for nonmanufacturing establishments.

For a more detailed description of the new method used to compute area wage survey indexes, see "Improving Area Wage Survey Indexes," *Monthly Labor Review*, January 1973, pp. 52-57.

A. Occupational earnings

Table A-1. Office occupations: Weekly earnings

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Chicago, Ill., May 1973)

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																									
			Mean ²	Median ²	Middle range ²	Period																									
						Under \$ 80	\$ 80 and under 85	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	over					
MEN AND WOMEN COMBINED																															
BILLERS, MACHINE (BILLING MACHINE)	768	39.5	\$ 149.00	\$ 145.00	\$ 117.50-173.00	-	10	2	43	67	97	71	57	63	117	44	50	-	16	5	1	122	3	-	-	-	-	-	-		
MANUFACTURING	229	39.0	129.50	127.50	116.50-149.00	-	-	2	35	5	41	54	25	11	10	41	5	-	-	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING	539	40.0	157.50	151.50	119.50-199.00	-	10	-	8	62	56	17	32	52	107	3	45	-	16	5	1	122	3	-	-	-	-	-	-		
PUBLIC UTILITIES	215	40.0	201.00	221.00	178.50-223.00	-	-	-	-	-	-	-	3	-	24	-	41	-	16	5	1	122	3	-	-	-	-	-	-		
WHOLESALE TRADE	246	40.0	132.50	142.00	111.00-151.50	-	10	-	4	45	16	10	29	46	82	1	3	-	-	-	-	-	-	-	-	-	-	-	-		
BILLERS, MACHINE (BOOKKEEPING MACHINE)	161	39.0	124.00	122.50	102.50-147.00	-	1	1	31	30	17	10	16	28	22	2	-	-	-	-	-	-	3	-	-	-	-	-	-		
NONMANUFACTURING	111	39.0	123.00	117.00	99.00-148.50	-	1	1	31	11	15	5	4	23	17	-	-	-	-	-	-	-	3	-	-	-	-	-	-		
BOOKKEEPING-MACHINE OPERATORS, CLASS A	758	39.0	141.00	137.50	126.00-157.00	-	-	-	22	40	72	128	171	73	76	50	64	6	44	12	-	-	-	-	-	-	-	-	-		
MANUFACTURING	423	39.0	148.00	145.50	132.00-167.50	-	-	-	-	4	13	81	97	63	44	34	42	2	43	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING	335	39.0	132.50	130.50	113.00-151.00	-	-	-	22	36	59	47	74	10	32	16	22	4	1	12	-	-	-	-	-	-	-	-	-		
BOOKKEEPING-MACHINE OPERATORS, CLASS B	582	39.5	132.00	137.50	115.50-145.00	-	-	5	68	40	64	54	101	135	51	63	-	-	-	-	-	-	-	-	-	-	-	-	-		
MANUFACTURING	272	39.5	140.50	142.50	131.00-149.50	-	-	-	12	-	22	33	14	127	24	-	40	-	-	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING	310	39.0	124.50	127.00	105.50-138.50	-	-	5	56	40	42	21	87	8	27	1	23	-	-	-	-	-	-	-	-	-	-	-	-		
CLERKS, ACCOUNTING, CLASS A	5,859	39.0	156.50	152.00	135.50-174.00	-	-	-	9	94	321	642	708	922	943	553	498	241	221	295	214	134	43	9	12	-	-	-	-		
MANUFACTURING	2,626	39.0	156.50	154.00	138.50-174.00	-	-	-	7	155	551	132	207	298	415	468	302	126	153	125	44	28	3	1	1	-	-	-	-		
NONMANUFACTURING	3,233	39.0	156.50	150.50	133.00-173.50	-	-	-	2	39	189	435	410	507	475	251	237	115	68	170	170	106	40	8	11	-	-	-	-		
PUBLIC UTILITIES	619	39.5	197.50	209.50	172.50-219.00	-	-	-	-	1	11	10	32	12	44	39	16	6	15	130	164	91	40	8	-	-	-	-	-		
WHOLESALE TRADE	757	39.0	155.50	151.00	140.00-172.00	-	-	-	-	-	78	57	49	184	117	68	55	57	33	28	5	15	-	-	11	-	-	-	-		
RETAIL TRADE	778	39.5	147.50	147.00	132.50-161.00	-	-	-	2	4	36	122	118	141	152	63	79	37	16	7	1	-	-	-	-	-	-	-	-		
FINANCE	698	37.5	140.50	139.00	128.00-152.50	-	-	-	14	50	165	132	120	93	59	60	5	-	-	-	-	-	-	-	-	-	-	-	-		
SERVICES	381	37.0	142.50	139.50	128.00-154.00	-	-	-	20	14	81	79	50	69	22	27	10	4	5	-	-	-	-	-	-	-	-	-	-		
CLERKS, ACCOUNTING, CLASS B	9,409	38.5	126.50	122.00	108.50-139.00	7	40	217	799	1573	1734	1513	1248	1038	283	320	121	42	41	75	297	55	6	-	-	-	-	-	-		
MANUFACTURING	3,837	39.0	126.00	126.00	112.50-138.00	6	2	23	235	531	714	680	762	509	119	187	46	10	13	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING	5,572	38.5	127.50	119.50	106.50-140.00	1	38	194	564	1042	1020	833	486	529	164	133	75	32	28	75	297	55	6	-	-	-	-	-	-		
PUBLIC UTILITIES	637	40.0	191.50	211.00	170.00-214.50	-	-	-	-	12	35	39	17	16	21	19	22	12	13	73	297	55	6	-	-	-	-	-	-		
WHOLESALE TRADE	1,609	39.5	127.00	125.50	111.50-143.00	-	8	10	124	220	273	281	189	294	89	60	45	10	4	2	-	-	-	-	-	-	-	-	-		
RETAIL TRADE	1,014	39.5	120.00	118.00	107.00-131.50	-	10	55	59	242	198	179	98	85	17	43	7	10	11	-	-	-	-	-	-	-	-	-	-		
FINANCE	1,549	37.5	111.00	109.00	99.50-119.50	1	20	129	249	416	366	190	94	69	8	6	1	-	-	-	-	-	-	-	-	-	-	-	-		
SERVICES	763	37.5	118.00	116.50	104.00-130.00	-	-	-	132	152	148	144	88	65	29	5	-	-	-	-	-	-	-	-	-	-	-	-	-		
CLERKS, FILE, CLASS A	1,055	38.5	122.50	118.50	107.50-133.50	-	1	22	78	220	254	149	167	78	26	12	10	4	10	8	14	1	1	-	-	-	-	-	-		
MANUFACTURING	281	39.0	125.00	119.50	112.50-136.00	-	-	-	-	36	108	27	64	15	17	3	5	-	6	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING	774	38.0	121.50	118.00	105.00-132.00	-	1	22	78	184	146	122	103	63	9	9	5	4	4	8	14	1	1	-	-	-	-	-	-		
FINANCE	524	38.0	112.00	110.00	102.00-122.50	-	-	22	76	163	106	92	58	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CLERKS, FILE, CLASS B	3,134	38.5	114.50	107.00	96.50-127.50	39	90	216	689	669	387	323	283	155	68	38	56	24	18	51	30	1	-	-	-	-	-	-	-		
MANUFACTURING	647	38.5	109.00	108.50	96.00-122.00	16	34	44	112	140	98	144	21	33	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING	2,487	38.5	116.00	106.50	96.50-133.00	23	56	172	577	529	289	176	262	122	63	38	56	24	18	51	30	1	-	-	-	-	-	-	-		
PUBLIC UTILITIES	328	39.5	165.50	171.50	131.00-200.00	-	-	-	-	3	60	15	26	12	8	26	54	24	18	51	30	1	-	-	-	-	-	-	-		
WHOLESALE TRADE	415	39.0	112.00	107.00	100.00-136.00	-	-	-	74	131	29	31	121	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-		
RETAIL TRADE	479	40.0	128.00	132.50	117.00-144.00	-	-	26	20	34	48	75	93	105	55	9	2	-	-	-	-	-	-	-	-	-	-	-	-		
FINANCE	1,030	38.0	100.00	99.50	93.50-105.50	11	19	8	399	318	111	37	17	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SERVICES	235	37.5	102.00	99.00	92.50-112.00	-	14	27	84	43	41	18	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

See footnotes at end of tables.

Table A-1. Office occupations: Weekly earnings—Continued

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Chicago, Ill., May 1973)

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																									
			Mean ²	Median ²	Middle range ²																										
						\$ 80 and under	\$ 85	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 250	\$ 260	over					
MEN AND WOMEN COMBINED-- CONTINUED																															
CLERKS, FILE, CLASS C -----	1,969	38.5	\$ 99.00	\$ 97.00	\$ 88.50-108.00	157	157	256	574	384	264	51	63	45	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
MANUFACTURING -----	416	39.0	102.00	103.00	90.00-112.00	22	-	81	87	65	136	9	6	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	1,553	38.5	98.00	96.00	88.00-104.50	135	157	175	487	319	128	42	57	40	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
WHOLESALE TRADE -----	166	39.5	98.50	98.50	95.00-103.50	-	15	4	82	44	11	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
RETAIL TRADE -----	321	39.5	109.50	109.00	87.50-131.50	26	32	45	34	26	48	20	45	40	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
FINANCE -----	938	38.0	93.50	93.50	86.00-102.00	109	106	123	310	209	69	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CLERKS, ORDER -----	3,570	39.0	137.00	133.00	115.00-152.00	13	15	65	187	390	525	418	509	453	356	116	62	60	134	123	51	37	56	-	-	-	-	-	-	-	
MANUFACTURING -----	1,421	39.0	131.50	132.50	115.00-145.50	2	2	6	33	180	260	137	346	212	123	20	21	8	58	12	-	-	1	-	-	-	-	-	-	-	
NONMANUFACTURING -----	2,149	39.0	141.00	134.00	115.00-158.50	11	13	59	154	210	265	281	163	241	233	96	41	52	76	111	51	37	55	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,798	39.0	144.50	138.50	118.00-165.50	-	2	35	100	151	233	271	122	218	167	92	41	42	74	111	47	37	55	-	-	-	-	-	-	-	
RETAIL TRADE -----	226	39.5	116.50	114.00	92.50-135.00	11	11	24	36	29	12	10	41	17	27	4	-	2	2	-	-	-	-	-	-	-	-	-	-	-	
CLERKS, PAYROLL -----	2,107	38.5	145.50	143.50	126.00-162.50	-	4	2	30	118	217	245	338	262	298	198	147	95	54	59	19	21	-	-	-	-	-	-	-	-	
MANUFACTURING -----	1,250	39.0	145.00	143.50	126.50-161.00	-	-	-	12	47	142	154	199	170	193	138	77	53	38	24	2	1	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	857	38.5	146.50	143.50	125.50-167.00	-	4	2	18	71	75	91	139	92	105	60	70	42	16	35	17	20	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES -----	166	39.0	176.50	175.50	160.50-204.50	-	-	-	-	3	10	2	7	4	14	17	32	21	8	14	14	20	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	169	38.0	144.00	150.50	125.50-167.00	-	-	-	-	27	13	18	11	13	30	22	18	13	2	2	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	244	39.0	136.00	134.00	115.50-151.50	-	4	2	16	24	29	39	33	33	20	6	5	6	5	19	3	-	-	-	-	-	-	-	-	-	
SERVICES -----	211	37.5	139.00	137.50	130.50-151.50	-	-	-	1	12	16	20	78	25	34	10	13	1	1	-	-	-	-	-	-	-	-	-	-	-	
KEYPUNCH OPERATORS, CLASS A -----	4,441	39.0	140.00	136.50	126.50-150.00	-	-	-	18	157	400	949	1022	777	481	224	138	82	142	23	11	17	-	-	-	-	-	-	-	-	
MANUFACTURING -----	2,034	39.0	138.00	135.00	126.50-147.50	-	-	-	14	52	189	502	501	361	137	114	75	56	21	2	10	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	2,407	39.0	141.00	138.50	127.00-152.50	-	-	-	4	105	211	447	521	416	344	110	63	26	121	21	1	17	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES -----	549	40.0	159.00	157.00	132.50-191.00	-	-	-	-	10	28	81	53	36	103	49	26	9	117	20	-	17	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	516	39.0	138.50	137.50	129.50-147.00	-	-	-	-	12	35	88	171	97	68	12	20	11	-	1	1	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	352	39.5	142.50	144.50	131.00-152.50	-	-	-	-	2	20	55	73	90	62	32	17	1	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	716	38.0	133.50	134.00	125.00-143.50	-	-	-	1	21	100	162	176	160	85	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	274	38.5	129.50	128.50	114.00-141.00	-	-	-	3	60	28	61	48	33	26	6	-	5	4	-	-	-	-	-	-	-	-	-	-	-	
KEYPUNCH OPERATORS, CLASS B -----	4,134	39.0	126.00	123.50	113.50-134.00	-	2	10	227	508	888	1176	610	207	239	68	45	86	67	1	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	1,321	39.5	127.00	126.00	118.00-135.00	-	-	2	53	97	231	427	287	87	64	46	10	7	9	1	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	2,813	38.5	125.50	122.00	112.00-133.00	-	2	8	174	411	657	749	323	120	175	22	35	79	58	-	-	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES -----	333	40.0	156.00	154.00	125.50-187.50	-	-	-	2	26	46	17	25	25	39	5	28	76	44	-	-	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	684	39.0	127.00	124.50	115.50-134.50	-	-	-	23	55	203	216	51	8	105	2	4	3	14	-	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	333	39.5	126.00	123.50	112.00-138.50	-	-	-	13	55	70	66	55	27	29	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	963	37.5	116.00	116.50	107.00-125.00	-	2	5	94	221	260	276	73	31	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	500	38.5	121.00	123.50	113.50-131.50	-	-	3	42	54	78	174	119	29	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MESSENGERS (OFFICE BOYS AND GIRLS)-----	2,456	38.5	107.00	104.00	94.00-117.50	26	176	158	538	624	444	240	113	63	10	27	17	15	5	-	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	671	39.0	112.50	110.50	100.50-123.00	10	19	16	113	171	132	97	48	33	9	14	9	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	1,785	38.5	105.00	102.50	92.50-115.50	16	157	142	425	453	312	143	65	30	1	13	8	15	5	-	-	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES -----	218	39.5	131.00	121.00	117.00-134.00	-	-	-	6	13	85	51	15	7	-	13	8	15	5	-	-	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	184	39.5	105.50	103.00	100.00-117.00	-	8	-	37	85	18	11	14	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	209	39.5	101.50	100.00	92.00-112.50	3	29	10	64	41	29	16	13	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	815	38.0	98.50	97.00	90.00-104.50	10	72	119	273	194	96	32	15	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	359	38.0	105.00	105.50	96.50-114.00	3	48	13	45	120	84	33	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SECRETARIES -----	23,635	38.5	157.50	153.50	137.00-173.50	-	-	-	59	362	913	2119	3419	3753	3410	2746	2215	1414	1106	789	419	414	230	125	57	85	-	-	-	-	
MANUFACTURING -----	10,406	39.0	157.50	153.00	138.50-172.50	-	-	-	5	139	348	768	1544	1823	1700	1207	876	627	493	359	140	197	97	35	17	31	-	-	-	-	
NONMANUFACTURING -----	13,229	38.5	157.50	153.50	136.00-174.00	-	-	-	54	223	565	1351	1875	1930	1710	1539	1339	787	613	430	279	217	133	90	40	54	-	-	-	-	
PUBLIC UTILITIES -----	1,402	39.5	191.00	192.00	167.00-212.50	-	-	-	-	2	13	16	62	71	106	103	13														

Table A-1. Office occupations: Weekly earnings—Continued

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Chicago, Ill., May 1973)

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																									
			Mean ²	Median ²	Middle range ²	\$ 80	\$ 85	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 250	\$ 260						
						Under \$ 80 and under 85	85 90	100 110	110 120	120 130	130 140	140 150	150 160	160 170	170 180	180 190	190 200	200 210	210 220	220 230	230 240	240 250	250 260	over							
MEN AND WOMEN COMBINED-- CONTINUED																															
SWITCHBOARD OPERATORS, CLASS B -----	1,258	38.5	\$ 114.50	\$ 111.50	\$ 98.00-127.50	54	51	53	216	246	158	213	91	52	46	19	20	26	12	1	-	-	-	-	-	-	-				
MANUFACTURING -----	200	38.5	129.00	127.50	121.00-136.50	-	-	-	2	16	27	86	36	13	11	7	2	-	-	-	-	-	-	-	-	-	-				
NONMANUFACTURING -----	1,058	38.5	112.00	105.50	96.00-123.50	54	51	53	214	230	131	127	55	39	35	12	18	26	12	1	-	-	-	-	-	-	-				
PUBLIC UTILITIES -----	100	39.5	160.50	171.50	134.00-187.00	-	-	-	3	8	9	9	12	3	4	15	24	12	1	-	-	-	-	-	-	-	-				
RETAIL TRADE -----	231	39.5	108.00	104.50	94.50-123.50	14	8	19	37	47	35	41	10	14	5	1	-	-	-	-	-	-	-	-	-	-	-				
FINANCE -----	271	37.0	117.50	118.00	107.50-124.50	-	-	4	10	74	76	55	33	9	10	-	-	-	-	-	-	-	-	-	-	-	-				
SERVICES -----	362	38.0	93.00	95.50	86.50- 99.50	40	43	30	167	73	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
SWITCHBOARD OPERATOR-RECEPTIONISTS- MANUFACTURING -----	2,359	39.0	125.50	125.00	112.00-133.00	-	21	-	124	300	582	606	262	195	137	33	19	17	-	10	48	5	-	-	-	-	-				
NONMANUFACTURING -----	1,250	39.0	123.50	125.50	113.00-132.00	-	21	-	10	170	304	357	212	92	37	26	8	13	-	-	-	-	-	-	-	-	-				
PUBLIC UTILITIES -----	1,109	39.0	127.00	122.50	111.00-141.50	-	-	-	114	130	278	249	50	103	100	7	11	4	-	10	48	5	-	-	-	-	-				
WHOLESALE TRADE -----	118	40.0	170.50	207.00	114.50-213.00	-	-	-	-	10	22	10	-	2	8	-	1	2	-	10	48	5	-	-	-	-	-				
FINANCE -----	541	39.0	126.50	126.50	113.00-142.50	-	-	-	23	70	98	177	21	59	81	-	10	2	-	-	-	-	-	-	-	-	-				
SERVICES -----	175	37.5	112.50	115.50	100.00-119.50	-	-	-	44	19	75	25	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-				
TABULATING-MACHINE OPERATORS, CLASS A -----	245	39.0	188.00	178.50	166.50-203.50	-	-	-	-	-	-	1	11	10	21	39	52	16	27	20	16	3	2	6	5	16	16				
NONMANUFACTURING -----	105	39.0	190.00	190.00	164.00-204.50	-	-	-	-	-	-	1	8	5	11	4	13	11	20	10	10	1	2	2	1	6	6				
TABULATING-MACHINE OPERATORS, CLASS B -----	382	39.0	156.00	150.50	136.00-170.00	-	-	-	-	5	40	25	44	73	54	48	14	17	9	30	1	22	-	-	-	-	-				
PUBLIC UTILITIES -----	290	39.0	156.50	148.00	131.00-177.00	-	-	-	-	5	40	24	28	56	18	39	14	10	4	30	1	21	-	-	-	-	-				
TABULATING-MACHINE OPERATORS, CLASS C -----	220	38.5	132.50	129.50	118.50-144.50	-	-	-	2	12	52	46	27	57	12	3	2	-	-	4	2	1	-	-	-	-	-				
SERVICES -----	188	38.5	132.50	128.50	117.50-145.00	-	-	-	-	12	50	38	16	51	11	1	2	-	-	4	2	1	-	-	-	-	-				
TRANSCRIBING-MACHINE OPERATORS, GENERAL -----	1,275	38.0	124.00	121.50	111.00-133.50	-	3	5	132	167	285	280	176	97	70	24	2	1	23	7	3	-	-	-	-	-	-				
NONMANUFACTURING -----	883	38.0	123.00	119.50	108.50-133.50	-	3	5	132	111	206	148	123	71	25	24	1	1	23	7	3	-	-	-	-	-	-				
SERVICES -----	166	39.5	119.00	117.50	109.00-131.50	-	-	-	19	29	65	6	30	7	9	1	-	-	-	-	-	-	-	-	-	-	-				
FINANCE -----	479	38.0	115.00	115.50	100.00-127.00	-	3	5	112	58	108	99	66	15	1	12	-	-	-	-	-	-	-	-	-	-	-				
SERVICES -----	168	37.0	130.00	129.00	118.50-141.50	-	-	-	-	22	28	41	26	30	11	10	-	-	-	-	-	-	-	-	-	-	-				
TYPISTS, CLASS A -----	4,337	38.5	128.50	125.00	113.50-140.00	-	-	1	102	698	843	979	622	516	257	83	135	67	7	4	10	8	5	-	-	-	-				
NONMANUFACTURING -----	1,680	39.0	133.50	131.00	120.50-143.50	-	-	-	6	105	288	403	341	282	122	24	43	55	4	2	2	3	-	-	-	-	-				
SERVICES -----	2,657	38.5	125.50	121.00	109.50-136.00	-	-	1	96	593	555	576	281	234	135	59	92	12	3	2	8	5	5	-	-	-	-				
PUBLIC UTILITIES -----	160	40.0	155.50	153.50	125.00-176.50	-	-	-	-	-	9	47	17	4	13	10	34	3	3	2	8	5	5	-	-	-	-				
WHOLESALE TRADE -----	268	39.5	132.00	127.00	118.50-139.50	-	-	-	-	24	55	85	39	23	9	8	25	-	-	-	-	-	-	-	-	-	-				
RETAIL TRADE -----	471	39.5	129.50	129.50	116.50-140.00	-	-	-	1	54	85	99	117	55	41	14	5	-	-	-	-	-	-	-	-	-	-				
FINANCE -----	1,346	38.0	115.50	113.00	106.00-122.50	-	-	-	85	482	355	245	74	69	28	4	-	4	-	-	-	-	-	-	-	-	-				
SERVICES -----	412	37.0	136.00	135.00	121.00-149.50	-	-	1	10	33	51	100	34	83	44	23	28	5	-	-	-	-	-	-	-	-	-				
TYPISTS, CLASS B -----	5,273	38.5	112.50	110.00	100.00-123.00	17	90	161	1068	1302	1056	705	410	278	80	49	10	2	8	1	32	4	-	-	-	-	-				
NONMANUFACTURING -----	1,635	39.0	114.50	115.00	103.00-126.50	14	62	58	168	323	369	327	215	58	13	25	3	-	-	-	-	-	-	-	-	-	-				
PUBLIC UTILITIES -----	3,638	38.5	111.50	107.50	99.00-120.50	3	28	103	900	979	687	378	195	220	67	24	7	2	8	1	32	4	-	-	-	-	-				
WHOLESALE TRADE -----	224	39.5	141.00	128.00	110.50-149.00	-	-	-	2	53	33	38	32	10	2	1	6	2	8	1	32	4	-	-	-	-	-				
RETAIL TRADE -----	576	40.0	112.00	112.50	97.00-123.00	-	16	16	149	66	166	59	25	78	-	1	-	-	-	-	-	-	-	-	-	-	-				
FINANCE -----	580	39.5	117.50	114.00	102.50-134.50	-	4	14	79	158	89	66	61	64	37	7	1	-	-	-	-	-	-	-	-	-	-				
SERVICES -----	1,704	37.5	105.50	103.50	97.00-113.00	3	4	71	550	542	300	140	51	27	16	-	-	-	-	-	-	-	-	-	-	-	-				
SERVICES -----	554	37.5	113.50	109.00	100.50-122.50	-	4	2	120	160	99	75	26	41	12	15	-	-	-	-	-	-	-	-	-	-	-				

See footnotes at end of tables.

Table A-1a. Office occupations—large establishments: Weekly earnings—Continued

(Average straight-time weekly hours and earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Chicago, Ill., May 1973)

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																					
			Mean ²	Median ²	Middle range ²	Under \$ 80	\$ 85	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 250	\$ 260		
						\$ 80 and under	85	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	over	
MEN AND WOMEN COMBINED—CONTINUED																											
KEYPUNCH OPERATORS, CLASS A -----	3,021	39.0	\$ 143.00	\$ 139.00	\$ 127.50-155.50	-	-	-	15	69	249	619	600	512	355	204	138	73	142	23	10	12	-	-	-	-	-
MANUFACTURING -----	1,549	38.5	140.00	136.00	126.00-151.00	-	-	-	14	40	141	394	301	262	128	106	75	56	21	2	9	-	-	-	-	-	
NONMANUFACTURING -----	1,472	39.0	146.50	143.00	130.00-158.50	-	-	-	1	29	108	225	299	250	227	98	63	17	121	21	1	12	-	-	-	-	
PUBLIC UTILITIES -----	502	40.0	161.50	158.50	138.50-191.50	-	-	-	-	10	28	55	37	36	103	49	26	9	117	20	-	12	-	-	-	-	
WHOLESALE TRADE -----	138	40.0	148.50	143.00	133.00-166.00	-	-	-	-	2	19	43	22	15	8	20	7	-	1	1	-	-	-	-	-	-	
RETAIL TRADE -----	351	39.5	142.50	144.50	131.00-152.50	-	-	-	-	2	20	55	73	90	61	32	17	1	-	-	-	-	-	-	-	-	
FINANCE -----	407	38.0	134.00	135.50	125.50-143.00	-	-	-	1	9	47	85	127	87	44	7	-	-	-	-	-	-	-	-	-	-	
KEYPUNCH OPERATORS, CLASS B -----	2,306	39.0	129.50	124.50	112.50-141.00	-	2	7	155	318	455	447	332	158	165	68	45	86	67	1	-	-	-	-	-	-	
MANUFACTURING -----	785	39.0	129.00	127.50	116.00-140.50	-	-	2	51	61	153	175	142	75	53	46	10	7	9	1	-	-	-	-	-	-	
NONMANUFACTURING -----	1,521	39.0	129.50	123.00	110.50-141.00	-	2	5	104	257	302	272	190	83	112	22	35	79	58	-	-	-	-	-	-	-	
PUBLIC UTILITIES -----	327	40.0	157.00	154.50	128.00-187.50	-	-	-	2	23	43	17	25	25	39	5	28	76	44	-	-	-	-	-	-	-	
RETAIL TRADE -----	332	39.5	126.00	123.50	112.00-138.50	-	-	-	13	55	69	66	55	27	29	15	3	-	-	-	-	-	-	-	-	-	
FINANCE -----	540	38.0	113.50	113.50	104.00-123.00	-	2	5	76	154	136	112	46	8	1	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	222	38.5	123.50	124.50	116.50-132.50	-	-	-	12	21	39	72	58	19	1	-	-	-	-	-	-	-	-	-	-	-	
MESSENGERS (OFFICE BOYS AND GIRLS)-----	1,520	38.5	107.00	103.50	92.00-118.00	25	140	143	345	295	257	157	54	36	10	27	17	9	5	-	-	-	-	-	-	-	
MANUFACTURING -----	410	39.0	113.50	111.50	98.50-124.00	10	14	9	85	76	83	58	22	21	9	14	9	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	1,110	38.5	104.50	101.00	90.00-116.00	15	126	134	260	219	174	99	32	15	1	13	8	9	5	-	-	-	-	-	-	-	
PUBLIC UTILITIES -----	212	39.5	129.50	120.50	116.50-132.00	-	-	-	6	13	85	51	15	7	-	13	8	9	5	-	-	-	-	-	-	-	
RETAIL TRADE -----	196	39.0	102.50	101.00	93.50-113.00	3	18	10	64	40	28	16	13	3	1	-	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	525	38.5	95.50	94.00	88.00-102.50	9	60	111	176	118	37	12	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	160	38.5	100.00	100.50	84.00-109.50	3	48	13	14	44	15	16	2	5	-	-	-	-	-	-	-	-	-	-	-	-	
SECRETARIES -----	14,231	39.0	160.50	156.00	139.00-177.50	-	-	-	22	175	509	1254	1803	2099	2057	1558	1446	944	776	648	303	294	148	65	52	78	
MANUFACTURING -----	7,150	39.0	159.00	154.50	139.50-175.00	-	-	-	55	206	612	960	1140	1221	818	657	444	348	303	104	143	75	23	17	24		
NONMANUFACTURING -----	7,081	39.0	161.50	157.50	138.00-181.00	-	-	-	22	120	303	642	843	959	836	740	789	500	428	345	199	151	73	42	35	54	
PUBLIC UTILITIES -----	1,240	39.5	192.00	192.00	170.00-212.00	-	-	-	2	10	16	29	59	97	97	130	141	133	186	125	93	42	18	22	40		
WHOLESALE TRADE -----	464	39.5	181.50	174.50	163.50-201.50	-	-	-	-	8	12	20	34	30	35	126	46	31	40	24	15	8	13	8	14		
RETAIL TRADE -----	2,114	39.5	155.50	154.00	135.50-175.00	-	-	-	11	41	121	206	275	285	250	220	255	183	161	62	20	20	1	1	2		
FINANCE -----	2,266	38.0	149.00	146.50	131.00-164.50	-	-	-	8	68	143	302	356	405	286	275	168	103	68	32	19	15	13	2	3		
SERVICES -----	997	38.0	154.50	151.00	137.50-168.50	-	-	-	3	9	21	106	163	176	173	113	110	27	35	25	11	8	9	8	-		
SECRETARIES, CLASS A -----	1,099	39.0	195.00	191.50	176.00-211.00	-	-	-	-	-	-	3	8	26	57	104	153	177	141	145	80	62	54	30	26	33	
MANUFACTURING -----	528	39.0	198.00	196.50	178.00-216.00	-	-	-	-	-	-	3	12	22	44	75	71	63	80	48	39	29	18	11	13		
NONMANUFACTURING -----	571	39.0	193.00	188.50	174.50-206.50	-	-	-	-	-	-	3	5	14	35	60	78	106	78	65	32	23	25	12	15	20	
PUBLIC UTILITIES -----	145	39.5	207.00	199.00	186.50-229.00	-	-	-	-	-	-	-	-	4	7	10	31	22	21	9	6	12	1	11	11		
RETAIL TRADE -----	133	39.0	187.50	187.50	174.50-206.00	-	-	-	-	-	-	3	2	3	6	14	18	24	19	22	9	9	1	1	2		
FINANCE -----	220	38.5	183.00	181.50	167.50-197.50	-	-	-	-	-	-	-	-	9	22	35	38	36	32	19	12	8	7	2	-		
SECRETARIES, CLASS B -----	3,054	39.0	175.00	172.00	154.50-192.00	-	-	-	3	19	65	160	316	425	440	468	349	242	192	107	132	66	23	20	27		
MANUFACTURING -----	1,331	39.0	177.00	173.50	158.50-192.00	-	-	-	-	-	-	7	27	102	233	208	223	182	103	95	39	63	28	4	6	11	
NONMANUFACTURING -----	1,723	39.0	173.50	170.50	150.00-192.00	-	-	-	3	19	58	133	214	192	232	245	167	139	97	68	69	38	19	14	16		
PUBLIC UTILITIES -----	280	39.5	200.00	195.00	177.00-221.00	-	-	-	-	-	-	2	3	16	23	37	43	27	25	24	31	21	6	5	11		
WHOLESALE TRADE -----	113	40.0	205.50	214.00	173.00-235.50	-	-	-	-	-	-	1	2	9	10	12	10	2	8	15	13	7	13	6	5		
RETAIL TRADE -----	450	39.5	169.50	171.50	149.50-190.00	-	-	-	-	7	11	34	64	47	49	74	53	57	3	11	10	-	-	-	-		
FINANCE -----	651	38.0	159.00	158.00	142.50-172.50	-	-	-	3	12	42	80	115	91	120	81	46	28	10	7	7	6	-	3	-		
SERVICES -----	229	38.0	173.00	171.00	152.50-193.50	-	-	-	-	-	-	5	16	30	29	30	41	9	25	21	11	8	4	-	-		
SECRETARIES, CLASS C -----	5,470	39.0	159.00	155.50	140.00-174.00	-	-	-	1	15	131	554	683	841	896	650	573	336	318	244	95	74	24	11	4	18	
MANUFACTURING -----	2,609	39.0	157.00	154.00	139.00-170.00	-	-	-	-	66	298	314	418	503	355	191	139	140	125	15	29	17	1	-	-		
NONMANUFACTURING -----	2,861	39.0	161.00	157.00	140.00-177.00	-	-	-	1	15	65	256	369	423	393	297	382	199	178	119	80	45	7	10	4	18	
PUBLIC UTILITIES -----	509	39.5	192.00	193.50	171.50-213.00	-	-	-	-	4	8	14	26	43	22	61	45	54	79	73	42	6	10	4	18		
WHOLESALE TRADE -----	223	40.0	177.00	175.00	170.00-194.50	-	-	-	-	4	6	17	13	16	72	28	29	28	7	2	1	-	-	-	-		
RETAIL TRADE -----	982	40.0	158.00	159.50	140.50-174.50	-	-	-	7	21	90	125	115	139	127	161	106	83	7	-	1	-	-	-	-		
FINANCE -----	890	38.5	144.50	144.00	132.50-155.50	-	-	-	8	33	127	184	228	140	100	41	18	8	3	-	-	-	-	-	-	-	
SERVICES -----	257	37.5	152.50	153.00	138.50-167.00	-	-	-	1	-	7	27	40	37	58	32	47	2	4	2	-	-	-	-	-	-	

See footnotes at end of tables.

Table A-1a. Office occupations—large establishments: Weekly earnings—Continued

(Average straight-time weekly hours and earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Chicago, Ill., May 1973)

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																					
			Mean ²	Median ²	Middle range ²	Under \$ 80	\$ 85	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230	\$ 240	\$ 250	\$ 260		
						\$ and under 80	85	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	over	
MEN AND WOMEN COMBINED—CONTINUED																											
SECRETARIES - CONTINUED																											
SECRETARIES, CLASS D -----	3,913	39.0	\$ 141.50	\$ 140.00	\$ 128.00-153.50	-	-	21	149	350	579	836	784	567	271	189	63	51	26	9	16	1	1	-	-	-	-
MANUFACTURING -----	2,157	39.0	143.00	141.50	131.50-153.50	-	-	-	55	138	268	519	485	366	133	115	36	30	-	12	-	-	-	-	-	-	-
NONMANUFACTURING -----	1,756	39.0	139.50	137.50	123.50-153.00	-	-	21	94	212	311	317	299	201	138	74	27	21	26	9	4	1	1	-	-	-	-
PUBLIC UTILITIES -----	230	39.0	166.50	163.50	149.50-188.00	-	-	-	2	6	8	13	30	34	45	20	16	18	23	9	4	1	1	-	-	-	-
RETAIL TRADE -----	549	39.5	132.50	133.00	120.00-144.00	-	-	11	34	93	102	114	103	58	30	2	-	2	-	-	-	-	-	-	-	-	-
FINANCE -----	413	38.0	125.50	122.50	116.50-134.50	-	-	8	49	91	119	73	44	18	8	1	2	-	-	-	-	-	-	-	-	-	-
SERVICES -----	462	38.5	142.50	142.50	132.00-154.00	-	-	2	9	14	74	104	109	83	47	15	4	1	-	-	-	-	-	-	-	-	-
STENOGRAPHERS, GENERAL -----	1,576	39.0	144.00	137.00	121.00-166.50	-	2	41	106	217	244	265	125	102	118	105	40	148	32	24	2	1	-	-	-	-	-
MANUFACTURING -----	683	39.0	131.50	129.50	117.00-146.00	-	2	28	59	118	137	129	54	71	60	20	1	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	893	39.0	153.50	145.00	126.50-187.50	-	-	13	47	99	107	136	71	31	58	85	39	148	32	24	2	1	-	-	-	-	-
PUBLIC UTILITIES -----	436	39.5	180.50	188.00	169.50-197.00	-	-	-	3	4	7	16	28	6	51	78	36	148	32	24	2	1	-	-	-	-	-
RETAIL TRADE -----	110	38.5	134.00	133.00	120.00-151.50	-	-	6	6	16	24	14	15	15	4	7	3	-	-	-	-	-	-	-	-	-	-
STENOGRAPHERS, SENIOR -----	1,856	38.5	153.00	151.50	133.00-171.00	-	-	4	50	93	242	297	213	245	232	194	101	103	34	18	3	6	1	-	-	-	-
MANUFACTURING -----	854	39.0	156.50	158.00	137.50-173.00	-	-	-	18	23	82	121	73	143	132	126	63	62	8	1	-	2	-	-	-	-	-
NONMANUFACTURING -----	1,002	38.0	150.00	144.50	129.00-166.50	-	-	4	32	70	160	176	140	102	100	68	38	41	26	37	3	4	1	-	-	-	-
PUBLIC UTILITIES -----	174	39.5	182.50	189.00	155.50-210.50	-	-	-	-	1	10	8	13	18	11	21	6	21	20	37	3	4	1	-	-	-	-
FINANCE -----	212	38.5	124.50	122.50	114.00-134.50	-	-	4	26	60	54	36	19	9	3	1	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	419	37.0	145.00	142.00	130.50-157.00	-	-	-	6	9	86	92	89	48	43	13	18	13	2	-	-	-	-	-	-	-	-
SWITCHBOARD OPERATORS, CLASS A -----	480	39.0	142.00	136.00	123.50-158.00	-	-	4	9	72	98	84	49	60	24	34	28	9	2	5	2	-	-	-	-	-	-
MANUFACTURING -----	222	39.0	139.50	134.00	120.50-156.50	-	-	-	1	53	42	33	23	30	11	11	14	3	1	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	258	38.5	144.50	138.00	125.00-160.00	-	-	4	8	19	56	51	26	30	13	23	14	6	1	5	2	-	-	-	-	-	-
SWITCHBOARD OPERATORS, CLASS B -----	609	39.5	125.50	124.00	103.50-140.50	3	8	88	83	67	125	64	52	28	18	20	26	12	1	-	-	-	-	-	-	-	-
MANUFACTURING -----	160	39.0	130.00	128.50	121.50-138.50	-	-	2	10	21	59	36	13	11	6	2	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	449	39.5	124.00	119.00	100.00-142.00	3	8	80	73	46	66	28	39	17	12	18	26	12	1	-	-	-	-	-	-	-	-
PUBLIC UTILITIES -----	100	39.5	160.50	171.50	134.00-187.00	-	-	-	3	8	9	9	12	3	4	15	24	12	1	-	-	-	-	-	-	-	-
RETAIL TRADE -----	173	39.5	111.50	111.00	95.00-127.00	3	8	28	32	17	41	10	14	5	1	-	-	-	-	-	-	-	-	-	-	-	-
SWITCHBOARD OPERATOR-RECEPTIONISTS- MANUFACTURING -----	324	39.0	130.00	127.00	118.50-139.50	-	-	13	23	55	105	50	37	8	15	-	16	-	-	2	-	-	-	-	-	-	-
NONMANUFACTURING -----	222	39.5	129.00	126.00	119.00-137.50	-	-	10	11	39	80	34	21	7	8	-	12	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	102	39.0	132.00	128.50	118.00-146.00	-	-	3	12	16	25	16	16	1	7	-	4	-	-	2	-	-	-	-	-	-	-
TABULATING-MACHINE OPERATORS, CLASS A -----	195	39.0	193.00	189.00	166.50-210.00	-	-	-	-	-	1	11	7	21	16	28	16	27	20	16	3	2	6	5	16	-	-
MANUFACTURING -----	105	39.0	190.00	190.00	164.00-204.50	-	-	-	-	-	1	8	5	11	4	13	11	20	10	10	1	2	2	1	6	-	-
TABULATING-MACHINE OPERATORS, CLASS B -----	241	39.0	162.50	153.00	137.50-191.50	-	-	-	5	10	21	32	44	22	19	14	12	9	30	1	22	-	-	-	-	-	-
NONMANUFACTURING -----	194	39.0	164.00	155.00	135.00-205.50	-	-	-	5	10	20	24	27	18	10	14	10	4	30	1	21	-	-	-	-	-	-
PUBLIC UTILITIES -----	104	39.5	175.50	185.00	142.50-209.00	-	-	-	5	5	8	3	16	5	5	5	-	4	29	-	19	-	-	-	-	-	-
TABULATING-MACHINE OPERATORS, CLASS C -----	176	39.0	131.50	127.50	117.50-143.50	-	-	2	12	47	37	27	37	2	3	2	-	-	4	2	1	-	-	-	-	-	-
NONMANUFACTURING -----	144	39.0	131.00	125.50	116.50-145.00	-	-	-	12	45	29	16	31	1	1	2	-	-	4	2	1	-	-	-	-	-	-
TRANSCRIBING-MACHINE OPERATORS, GENERAL -----	560	38.5	126.50	124.00	111.00-138.00	-	2	58	71	97	112	96	63	19	2	2	1	23	7	3	-	-	-	-	-	-	-
MANUFACTURING -----	178	38.0	127.50	128.00	117.50-138.50	-	-	-	29	29	38	44	26	11	-	1	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	382	38.5	126.00	122.00	107.50-138.00	-	2	58	42	68	74	52	37	8	2	1	1	23	7	3	-	-	-	-	-	-	-
FINANCE -----	261	38.0	114.50	116.00	100.50-127.00	-	2	57	37	55	58	32	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of tables.

Table A-2. Professional and technical occupations: Weekly earnings

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Chicago, Ill., May 1973)

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																					
			Mean ²	Median ²	Middle range ²	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380	
						and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEN AND WOMEN COMBINED																											
COMPUTER OPERATORS, CLASS A -----	1,216	39.0	\$ 197.50	\$ 195.50	\$ 177.50-217.50	-	-	-	3	21	71	92	146	172	184	149	102	184	62	26	3	1	-	-	-	-	-
MANUFACTURING -----	472	38.5	197.50	194.50	174.50-215.50	-	-	-	-	6	30	45	58	70	62	71	32	49	30	17	2	-	-	-	-	-	
NONMANUFACTURING -----	744	39.0	197.50	196.50	179.00-219.00	-	-	-	3	15	41	47	88	102	122	78	70	135	32	9	1	1	-	-	-	-	
PUBLIC UTILITIES -----	92	40.0	233.50	231.00	222.50-244.00	-	-	-	-	-	-	-	-	-	2	1	1	3	57	21	5	1	1	-	-	-	
WHOLESALE TRADE -----	168	39.0	200.00	195.50	182.50-220.50	-	-	-	-	9	6	17	29	39	6	20	20	31	7	4	-	-	-	-	-		
RETAIL TRADE -----	112	40.0	199.50	200.00	187.50-216.50	-	-	-	-	5	3	11	13	24	20	14	22	22	-	-	-	-	-	-	-		
FINANCE -----	280	38.5	186.00	187.00	170.50-201.50	-	-	-	3	10	23	31	42	53	43	30	24	20	1	-	-	-	-	-	-		
SERVICES -----	92	39.5	191.00	196.50	174.50-204.00	-	-	-	-	5	4	7	18	5	15	21	9	5	3	-	-	-	-	-	-		
COMPUTER OPERATORS, CLASS B -----	1,583	39.0	170.00	165.50	153.00-184.50	8	11	19	79	198	262	296	227	196	111	81	15	41	6	23	10	-	-	-	-		
MANUFACTURING -----	556	39.0	168.50	164.00	154.00-181.00	-	-	8	8	64	148	87	94	82	30	13	5	5	3	6	3	-	-	-	-		
NONMANUFACTURING -----	1,027	39.0	171.00	167.00	151.50-187.50	8	11	11	71	134	114	209	133	114	81	68	10	36	3	17	7	-	-	-	-		
PUBLIC UTILITIES -----	184	39.5	196.50	201.00	167.50-224.00	8	6	4	7	10	4	10	11	7	20	39	-	32	2	17	7	-	-	-	-		
WHOLESALE TRADE -----	204	38.5	164.50	163.50	160.00-174.00	-	-	-	1	29	9	87	23	38	1	5	-	-	1	-	-	-	-	-	-		
RETAIL TRADE -----	141	40.0	176.50	174.50	160.00-191.00	-	-	-	1	10	21	30	17	25	15	14	5	3	-	-	-	-	-	-	-		
FINANCE -----	346	38.5	164.50	165.00	148.50-179.50	-	-	4	41	49	60	44	64	33	39	8	3	1	-	-	-	-	-	-	-		
SERVICES -----	152	38.0	158.00	160.50	143.00-171.00	-	5	3	11	36	20	38	18	11	6	2	2	-	-	-	-	-	-	-	-		
COMPUTER OPERATORS, CLASS C -----	693	38.5	141.50	141.00	127.00-150.00	21	48	148	104	199	55	43	32	26	5	-	5	6	1	-	-	-	-	-	-		
MANUFACTURING -----	286	38.5	145.00	143.50	131.50-150.00	2	8	56	38	113	21	17	15	6	-	-	3	6	1	-	-	-	-	-	-		
NONMANUFACTURING -----	407	38.5	139.50	138.00	125.00-150.50	19	40	92	66	86	34	26	17	20	5	-	2	-	-	-	-	-	-	-	-		
WHOLESALE TRADE -----	103	39.0	151.50	148.00	138.00-172.50	-	-	17	16	28	10	2	11	15	2	-	2	-	-	-	-	-	-	-	-		
FINANCE -----	116	38.5	136.00	136.00	123.00-148.00	4	13	30	20	25	7	17	-	-	-	-	-	-	-	-	-	-	-	-	-		
SERVICES -----	102	39.0	133.50	131.50	125.50-143.00	-	10	37	23	16	10	2	4	-	-	-	-	-	-	-	-	-	-	-	-		
COMPUTER PROGRAMERS, BUSINESS, CLASS A -----	1,273	39.0	252.00	251.00	231.00-276.00	-	-	-	-	-	-	8	1	18	43	66	86	262	284	264	134	59	39	7	1	1	
MANUFACTURING -----	540	38.5	245.00	243.50	222.50-269.00	-	-	-	-	-	-	8	-	7	29	43	44	125	120	96	37	20	10	1	-		
NONMANUFACTURING -----	733	39.0	257.50	254.50	234.00-279.00	-	-	-	-	-	-	1	11	14	23	42	137	164	168	97	39	29	6	1	1		
PUBLIC UTILITIES -----	193	39.5	267.00	266.50	242.00-293.00	-	-	-	-	-	-	1	1	3	6	4	29	39	36	40	15	19	-	-	-		
WHOLESALE TRADE -----	227	38.5	259.00	260.50	239.00-276.50	-	-	-	-	-	-	-	-	-	11	-	49	53	76	21	16	1	-	-			
FINANCE -----	197	38.5	245.00	244.50	227.50-264.00	-	-	-	-	-	-	-	9	2	5	22	39	58	41	18	2	1	-	-			
SERVICES -----	59	39.0	243.50	235.00	218.50-278.50	-	-	-	-	-	-	-	-	6	-	12	14	-	7	7	13	-	-	-			
COMPUTER PROGRAMERS, BUSINESS, CLASS B -----	1,307	38.5	221.50	218.00	199.50-239.50	-	-	-	-	-	2	20	60	105	148	219	131	303	139	118	43	13	6	-	-		
MANUFACTURING -----	517	38.5	218.50	214.50	197.50-235.00	-	-	-	-	-	2	11	12	48	86	83	41	126	48	43	15	2	-	-	-		
NONMANUFACTURING -----	790	39.0	223.00	219.50	201.00-242.00	-	-	-	-	-	9	48	57	62	136	90	177	91	75	28	11	6	-	-			
PUBLIC UTILITIES -----	143	39.0	256.50	260.50	237.00-272.50	-	-	-	-	-	2	-	1	2	6	5	28	26	49	11	7	6	-	-			
RETAIL TRADE -----	104	40.0	240.00	240.50	212.00-265.00	-	-	-	-	-	1	3	6	7	7	11	17	19	13	16	4	-	-	-			
FINANCE -----	249	38.5	206.50	206.00	191.50-219.50	-	-	-	-	-	6	25	25	39	53	41	39	16	5	-	-	-	-	-			
SERVICES -----	140	38.5	211.00	211.50	187.00-234.50	-	-	-	-	-	-	20	25	10	12	24	18	26	5	-	-	-	-	-			
COMPUTER PROGRAMERS, BUSINESS, CLASS C -----	549	39.0	182.50	179.00	165.00-201.00	-	-	3	28	20	44	77	114	65	56	67	36	29	10	-	-	-	-	-	-		
MANUFACTURING -----	229	39.0	181.50	185.00	161.00-202.00	-	-	-	20	15	19	24	31	32	24	35	13	13	3	-	-	-	-	-	-		
NONMANUFACTURING -----	320	39.0	183.00	178.00	168.00-199.50	-	-	3	8	5	25	53	83	33	32	32	23	16	7	-	-	-	-	-	-		
FINANCE -----	132	39.0	172.00	174.00	165.50-180.50	-	-	3	8	1	8	32	46	19	8	4	3	-	-	-	-	-	-	-	-		
COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS A -----	1,399	38.5	298.00	296.50	271.00-322.50	-	-	-	-	-	-	-	-	-	-	-	9	38	202	220	290	267	167	118	60	28	
MANUFACTURING -----	522	38.5	297.00	295.50	270.50-316.50	-	-	-	-	-	-	-	-	-	-	-	1	18	64	97	102	119	54	42	16	9	
NONMANUFACTURING -----	877	39.0	299.00	296.50	271.00-326.00	-	-	-	-	-	-	-	-	-	-	-	8	20	138	123	188	148	113	76	44	19	
PUBLIC UTILITIES -----	180	39.5	322.00	322.00	294.50-349.00	-	-	-	-	-	-	-	-	-	-	-	3	1	8	12	31	31	31	29	20	14	
WHOLESALE TRADE -----	122	39.5	322.50	321.00	299.50-344.50	-	-	-	-	-	-	-	-	-	-	-	-	-	9	3	20	29	16	36	8	1	
FINANCE -----	391	38.0	275.00	276.50	251.50-293.50	-	-	-	-	-	-	-	-	-	-	-	5	17	109	91	100	48	19	2	-	-	

See footnotes at end of tables.

Table A-2. Professional and technical occupations: Weekly earnings—Continued

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Chicago, Ill., May 1973)

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ²	Median ²	Middle range ²	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 240	\$ 260	\$ 280	\$ 300	\$ 320	\$ 340	\$ 360	\$ 380			
						and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEN AND WOMEN COMBINED-- CONTINUED																													
COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS B -----	1,330	38.5	\$ 254.50	\$ 250.50	\$ 230.00-278.00	-	-	-	-	-	-	-	4	16	51	51	108	286	300	199	132	118	52	12	1	-			
MANUFACTURING -----	570	38.0	264.50	263.00	233.50-296.00	-	-	-	-	-	-	-	3	13	23	25	113	98	100	75	83	31	6	-	-				
NONMANUFACTURING -----	760	39.0	247.00	243.50	224.00-266.50	-	-	-	-	-	-	-	4	13	38	28	173	202	99	57	35	21	6	1	-				
PUBLIC UTILITIES -----	180	39.5	263.50	254.00	241.00-283.00	-	-	-	-	-	-	-	-	-	-	14	28	60	26	24	14	11	2	1	-				
RETAIL TRADE -----	96	40.0	264.00	259.00	243.50-284.00	-	-	-	-	-	-	-	-	-	-	2	13	32	23	13	5	2	4	-	-				
FINANCE -----	336	38.5	228.00	230.00	212.00-244.00	-	-	-	-	-	-	-	4	10	35	22	56	108	74	21	3	2	1	-	-				
COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS C -----	413	39.0	216.00	208.50	198.00-231.50	-	-	-	-	1	7	11	22	89	86	57	68	34	20	17	1	-	-	-	-				
MANUFACTURING -----	75	38.0	246.00	251.50	216.50-274.00	-	-	-	-	-	-	-	-	1	14	8	9	17	12	13	1	-	-	-	-				
NONMANUFACTURING -----	338	39.5	209.00	204.50	196.50-221.00	-	-	-	-	1	7	11	22	88	72	49	59	17	8	4	-	-	-	-	-				
FINANCE -----	101	38.5	194.50	195.50	190.00-202.00	-	-	-	-	1	7	9	8	49	12	8	7	-	-	-	-	-	-	-	-				
DRAFTSMEN, CLASS A -----	2,044	40.0	224.50	222.00	202.50-241.50	-	-	-	-	6	28	50	88	261	282	191	596	342	74	43	50	26	2	-	5				
MANUFACTURING -----	1,478	40.0	226.50	223.00	203.00-243.50	-	-	-	-	4	24	28	62	191	208	94	453	235	62	35	49	26	2	-	5				
NONMANUFACTURING -----	566	39.5	219.50	219.00	202.00-237.50	-	-	-	-	2	4	22	26	70	74	97	143	107	12	8	1	-	-	-	-				
DRAFTSMEN, CLASS B -----	1,981	39.5	185.00	182.50	169.00-201.50	-	2	8	38	98	90	299	390	296	238	187	128	173	23	11	-	-	-	-	-	-			
MANUFACTURING -----	1,255	39.5	184.50	179.50	169.50-200.50	-	-	4	14	60	66	182	313	152	148	100	84	121	5	6	-	-	-	-	-	-			
NONMANUFACTURING -----	726	38.5	186.00	185.00	168.00-203.00	-	2	4	24	38	24	117	77	144	90	87	44	52	18	5	-	-	-	-	-	-			
PUBLIC UTILITIES -----	64	40.0	212.00	197.50	191.50-230.00	-	-	-	-	-	1	3	5	24	3	2	11	13	2	-	-	-	-	-	-				
SERVICES -----	617	38.5	181.50	182.00	166.00-199.00	-	2	4	24	38	22	116	74	130	57	73	41	32	4	-	-	-	-	-	-	-			
DRAFTSMEN, CLASS C -----	1,014	39.0	155.50	152.50	144.00-166.50	-	24	87	108	237	167	204	67	46	32	18	19	5	-	-	-	-	-	-	-	-			
MANUFACTURING -----	600	39.5	153.50	151.50	146.00-165.50	-	12	41	58	165	103	135	54	18	10	2	1	1	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	414	38.5	158.50	155.00	139.50-169.50	-	12	46	50	72	64	69	13	28	22	16	18	4	-	-	-	-	-	-	-	-			
PUBLIC UTILITIES -----	120	39.5	160.00	150.00	134.50-180.00	-	-	20	12	29	23	2	5	7	3	1	14	4	-	-	29	-	-	-	-	-			
DRAFTSMEN--TRACERS -----	135	39.5	133.00	128.50	122.00-145.00	-	18	55	18	13	25	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-			
NURSES, INDUSTRIAL (REGISTERED) -----	655	39.5	182.50	182.00	168.00-197.50	-	-	20	3	10	58	93	114	116	101	68	38	19	14	1	-	-	-	-	-	-			
MANUFACTURING -----	522	39.5	181.50	181.00	167.50-196.00	-	-	20	-	9	48	70	100	102	75	54	21	12	11	-	-	-	-	-	-	-			
NONMANUFACTURING -----	133	39.0	188.00	190.50	169.00-207.00	-	-	-	3	1	10	23	14	14	26	14	17	7	3	1	-	-	-	-	-	-			

See footnotes at end of tables.

Table A-2a. Professional and technical occupations—large establishments: Weekly earnings—Continued

(Average straight-time weekly hours and earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Chicago, Ill., May 1973)

Occupation and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Number of workers receiving straight-time weekly earnings of—																					
			Mean ²	Median ²	Middle range ²	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
						100 and under	110	120	130	140	150	160	170	180	190	200	210	220	240	260	280	300	320	340	360	380	and over
MEN AND WOMEN COMBINED--																											
CONTINUED																											
DRAFTSMEN, CLASS A -----	1,316	40.0	\$ 226.50	\$ 221.50	\$ 201.50-244.00	-	-	-	-	6	28	41	54	168	189	132	321	209	42	43	50	26	2	-	5		
MANUFACTURING -----	865	40.0	230.00	223.00	201.00-248.00	-	-	-	-	4	24	28	40	108	123	61	205	124	31	35	49	26	2	-	5		
DRAFTSMEN, CLASS B -----	1,326	39.0	189.00	188.00	171.00-206.50	-	2	8	20	42	73	170	172	218	186	172	120	109	23	11	-	-	-	-	-	-	
MANUFACTURING -----	750	39.5	187.00	187.50	168.00-207.00	-	-	4	14	34	58	98	111	81	106	92	76	65	5	6	-	-	-	-	-	-	
NONMANUFACTURING -----	576	38.5	191.00	188.50	176.00-206.00	-	2	4	6	8	15	72	61	137	80	80	44	44	18	5	-	-	-	-	-	-	
PUBLIC UTILITIES -----	63	40.0	211.50	195.00	191.50-230.00	-	-	-	-	-	1	3	5	24	3	2	10	13	2	-	-	-	-	-	-		
DRAFTSMEN, CLASS C -----	661	39.0	157.50	153.50	143.00-168.00	-	12	51	78	149	114	101	37	45	32	18	19	5	-	-	-	-	-	-	-	-	
MANUFACTURING -----	288	39.5	154.00	151.00	143.50-164.50	-	12	12	38	77	50	43	24	18	10	2	1	1	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	373	38.5	160.50	156.00	142.50-175.50	-	-	39	40	72	64	58	13	27	22	16	18	4	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES -----	119	39.5	159.50	150.00	134.50-179.00	-	-	20	12	29	23	2	5	6	3	1	14	4	-	-	-	-	-	-	-	-	
DRAFTSMEN-TRACERS -----	96	39.5	140.00	137.50	127.50-153.00	-	5	29	18	13	25	4	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
NURSES, INDUSTRIAL (REGISTERED) -----	541	39.5	187.00	186.50	172.50-200.50	-	-	-	3	10	24	86	78	99	101	68	38	19	14	1	-	-	-	-	-	-	
MANUFACTURING -----	415	39.5	186.50	185.00	173.50-199.50	-	-	-	-	9	14	70	64	85	75	54	21	12	11	-	-	-	-	-	-	-	
NONMANUFACTURING -----	126	39.0	189.50	191.50	171.00-208.00	-	-	-	3	1	10	16	14	14	26	14	17	7	3	1	-	-	-	-	-	-	

See footnotes at end of tables.

Table A-3. Office, professional, and technical occupations: Average weekly earnings, by sex

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Chicago, Ill., May 1973)

Sex, occupation, and industry division	Number of workers	Average		Sex, occupation, and industry division	Number of workers	Average		Sex, occupation, and industry division	Number of workers	Average	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
OFFICE OCCUPATIONS - MEN				OFFICE OCCUPATIONS - WOMEN--CONTINUED				OFFICE OCCUPATIONS - WOMEN--CONTINUED			
			\$				\$				\$
CLERKS, ACCOUNTING, CLASS A -----	1,209	39.0	179.50	CLERKS, ACCOUNTING, CLASS A -----	4,650	39.0	150.50	KEYPUNCH OPERATORS, CLASS A -----	4,410	39.0	139.50
MANUFACTURING -----	676	39.0	175.00	MANUFACTURING -----	1,950	39.0	150.00	MANUFACTURING -----	2,031	39.0	138.00
NONMANUFACTURING -----	533	39.5	184.50	NONMANUFACTURING -----	2,700	38.5	151.00	NONMANUFACTURING -----	2,379	39.0	141.00
PUBLIC UTILITIES -----	194	40.0	214.50	PUBLIC UTILITIES -----	425	39.5	189.50	PUBLIC UTILITIES -----	544	40.0	158.50
WHOLESALE TRADE -----	179	39.5	178.50	WHOLESALE TRADE -----	578	39.0	148.00	WHOLESALE TRADE -----	514	39.0	138.50
CLERKS, ACCOUNTING, CLASS B -----	710	39.0	154.50	RETAIL TRADE -----	744	39.5	147.00	RETAIL TRADE -----	351	39.5	142.50
MANUFACTURING -----	211	38.5	139.00	FINANCE -----	605	37.5	138.50	FINANCE -----	696	38.0	133.50
NONMANUFACTURING -----	499	39.5	161.00	SERVICES -----	348	37.0	140.50	SERVICES -----	274	38.5	129.50
WHOLESALE TRADE -----	208	39.5	139.50	CLERKS, ACCOUNTING, CLASS B -----	8,699	38.5	124.50	KEYPUNCH OPERATORS, CLASS B -----	4,085	39.0	126.00
CLERKS, FILE, CLASS B -----	124	39.5	139.50	MANUFACTURING -----	3,626	39.0	125.00	MANUFACTURING -----	1,319	39.0	127.00
NONMANUFACTURING -----	111	39.5	140.50	NONMANUFACTURING -----	5,073	38.5	124.00	NONMANUFACTURING -----	2,766	38.5	125.50
CLERKS, ORDER -----	1,084	39.5	170.00	PUBLIC UTILITIES -----	455	40.0	185.00	PUBLIC UTILITIES -----	332	40.0	156.00
MANUFACTURING -----	214	39.5	162.00	WHOLESALE TRADE -----	1,401	39.5	125.00	WHOLESALE TRADE -----	663	39.0	127.00
NONMANUFACTURING -----	870	39.5	172.00	RETAIL TRADE -----	988	39.5	120.00	RETAIL TRADE -----	310	39.5	126.50
WHOLESALE TRADE -----	835	39.5	172.50	FINANCE -----	1,515	37.5	110.50	FINANCE -----	961	37.5	116.00
CLERKS, PAYROLL -----	129	39.0	166.50	SERVICES -----	714	37.5	118.00	SERVICES -----	500	38.5	121.00
MESSENGERS (OFFICE BOYS) -----	1,162	38.0	109.50	CLERKS, FILE, CLASS A -----	956	38.5	120.50	MESSENGERS (OFFICE GIRLS) -----	1,294	39.0	104.50
MANUFACTURING -----	287	38.5	116.50	MANUFACTURING -----	263	39.0	123.50	MANUFACTURING -----	384	39.0	109.50
NONMANUFACTURING -----	875	38.0	107.50	NONMANUFACTURING -----	693	38.0	119.00	NONMANUFACTURING -----	910	39.0	102.50
FINANCE -----	386	37.5	100.50	FINANCE -----	496	38.0	111.50	RETAIL TRADE -----	119	39.0	100.50
SERVICES -----	213	37.5	108.50	CLERKS, FILE, CLASS B -----	3,010	38.5	113.50	FINANCE -----	429	38.5	97.00
TABULATING-MACHINE OPERATORS, CLASS A -----	189	39.0	190.00	MANUFACTURING -----	634	38.5	108.50	SERVICES -----	146	39.0	99.50
NONMANUFACTURING -----	100	38.5	187.00	NONMANUFACTURING -----	2,376	38.5	115.00	SECRETARIES -----	23,559	38.5	157.50
TABULATING-MACHINE OPERATORS, CLASS B -----	180	38.5	156.00	PUBLIC UTILITIES -----	268	39.5	165.00	MANUFACTURING -----	10,388	39.0	157.50
NONMANUFACTURING -----	142	39.0	156.50	WHOLESALE TRADE -----	390	39.0	112.00	NONMANUFACTURING -----	13,171	38.5	157.50
OFFICE OCCUPATIONS - WOMEN				RETAIL TRADE -----	479	40.0	128.00	PUBLIC UTILITIES -----	1,373	39.5	190.00
BILLERS, MACHINE (BILLING MACHINE) -----	708	39.5	149.00	FINANCE -----	1,016	38.0	100.00	WHOLESALE TRADE -----	2,589	38.5	160.50
MANUFACTURING -----	229	39.0	129.50	SERVICES -----	223	37.5	102.00	RETAIL TRADE -----	2,245	39.5	156.00
NONMANUFACTURING -----	479	40.0	158.50	CLERKS, FILE, CLASS C -----	1,939	38.5	98.50	FINANCE -----	4,117	37.5	147.50
PUBLIC UTILITIES -----	189	40.0	201.00	MANUFACTURING -----	412	39.0	101.50	SERVICES -----	2,847	37.0	154.00
BILLERS, MACHINE (BOOKKEEPING MACHINE) -----	159	39.0	124.00	NONMANUFACTURING -----	1,527	38.5	98.00	SECRETARIES, CLASS A -----	2,016	38.5	190.50
NONMANUFACTURING -----	109	39.0	123.50	WHOLESALE TRADE -----	166	39.5	98.50	MANUFACTURING -----	1,121	39.0	189.00
BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	758	39.0	141.00	RETAIL TRADE -----	317	39.5	109.50	NONMANUFACTURING -----	895	38.5	193.00
MANUFACTURING -----	423	39.0	148.00	FINANCE -----	936	38.0	93.50	PUBLIC UTILITIES -----	162	39.5	206.00
NONMANUFACTURING -----	335	39.0	132.50	CLERKS, ORDER -----	2,486	38.5	123.00	WHOLESALE TRADE -----	140	39.0	208.50
BOOKKEEPING-MACHINE OPERATORS, CLASS B -----	576	39.5	132.00	MANUFACTURING -----	1,207	39.0	126.50	RETAIL TRADE -----	143	39.0	185.00
MANUFACTURING -----	272	39.5	140.50	NONMANUFACTURING -----	1,279	38.5	119.50	FINANCE -----	319	38.0	183.50
NONMANUFACTURING -----	304	39.0	124.50	WHOLESALE TRADE -----	963	38.5	120.50	SERVICES -----	131	38.0	192.50
				RETAIL TRADE -----	214	39.5	114.00	SECRETARIES, CLASS B -----	4,953	38.5	170.00
				CLERKS, PAYROLL -----	1,978	38.5	144.00	MANUFACTURING -----	2,104	39.0	170.00
				MANUFACTURING -----	1,152	39.0	144.00	NONMANUFACTURING -----	2,849	38.5	170.00
				NONMANUFACTURING -----	826	38.5	145.00	PUBLIC UTILITIES -----	304	39.5	199.00
				PUBLIC UTILITIES -----	141	39.0	172.50	WHOLESALE TRADE -----	513	38.5	173.00
				WHOLESALE TRADE -----	169	38.0	144.00	RETAIL TRADE -----	464	39.5	170.00
				RETAIL TRADE -----	243	39.0	136.00	FINANCE -----	968	38.0	157.50
				SERVICES -----	206	37.5	139.00	SERVICES -----	600	37.5	172.50
								SECRETARIES, CLASS C -----	8,109	38.5	155.50
								MANUFACTURING -----	3,653	39.0	153.00
								NONMANUFACTURING -----	4,456	38.5	158.00
								PUBLIC UTILITIES -----	530	39.5	192.00
								WHOLESALE TRADE -----	775	39.0	165.00
								RETAIL TRADE -----	1,015	40.0	159.00
								FINANCE -----	1,504	38.0	143.50
								SERVICES -----	632	37.5	159.00

See footnote at end of tables.

Table A-3. Office, professional, and technical occupations: Average weekly earnings, by sex—Continued

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Chicago, Ill., May 1973)

Sex, occupation, and industry division	Number of workers	Average		Sex, occupation, and industry division	Number of workers	Average		Sex, occupation, and industry division	Number of workers	Average	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
OFFICE OCCUPATIONS - WOMEN--CONTINUED				OFFICE OCCUPATIONS - WOMEN--CONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED			
SECRETARIES - CONTINUED				TRANSCRIBING-MACHINE OPERATORS, GENERAL				COMPUTER PROGRAMERS, BUSINESS, CLASS A			
SECRETARIES, CLASS D	7,788	38.5	142.50		1,274	38.0	\$ 124.00		1,038	39.0	255.50
MANUFACTURING	2,985	39.0	143.00		392	38.5	126.00		436	38.5	250.00
NONMANUFACTURING	4,803	38.0	142.00		882	38.0	123.00		602	39.0	259.50
PUBLIC UTILITIES	303	39.5	165.50		166	39.5	119.00		152	39.5	266.50
WHOLESALE TRADE	1,159	38.5	146.50		479	38.0	115.00		215	38.5	259.00
RETAIL TRADE	623	39.5	134.00		168	37.0	130.00		142	38.5	251.00
FINANCE	1,234	37.0	135.00								
SERVICES	1,484	37.0	143.00								
STENOGRAPHERS, GENERAL				TYPISTS, CLASS A				COMPUTER PROGRAMERS, BUSINESS, CLASS B			
MANUFACTURING	2,704	38.5	138.50		4,330	38.5	128.50		1,002	38.5	223.00
NONMANUFACTURING	1,109	39.0	132.50		1,680	39.0	133.50		415	38.5	221.50
PUBLIC UTILITIES	1,595	38.5	142.50		2,650	38.5	125.00		587	39.0	224.00
WHOLESALE TRADE	465	39.5	180.00		156	40.0	155.00		102	39.5	252.00
RETAIL TRADE	330	39.0	127.50		268	39.5	132.00		84	40.0	240.50
FINANCE	130	38.5	130.00		469	39.5	129.50		173	38.5	209.00
SERVICES	304	37.5	124.50		1,346	38.0	115.50		110	38.5	216.00
	366	37.0	128.50		411	37.0	136.00				
STENOGRAPHERS, SENIOR				TYPISTS, CLASS B				COMPUTER PROGRAMERS, BUSINESS, CLASS C			
MANUFACTURING	3,378	38.5	148.50		5,268	38.5	112.50		388	39.0	184.00
NONMANUFACTURING	1,337	38.5	152.00		1,635	39.0	114.50		160	39.0	182.00
PUBLIC UTILITIES	2,041	38.0	146.00		3,633	38.5	111.50		228	39.0	185.50
WHOLESALE TRADE	224	39.5	173.50		222	39.5	140.50		91	39.0	175.00
RETAIL TRADE	554	39.5	148.00		576	40.0	112.00				
FINANCE	640	37.5	134.50		579	39.5	117.00				
SERVICES	560	36.5	145.50		1,704	37.5	105.50				
					552	37.5	113.50				
SWITCHBOARD OPERATORS, CLASS A				PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN				COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS A			
MANUFACTURING	786	38.5	138.00						1,266	38.5	300.50
NONMANUFACTURING	316	39.0	135.50						502	38.0	297.50
PUBLIC UTILITIES	470	37.5	139.50						764	39.0	302.50
WHOLESALE TRADE	131	37.0	136.00						153	39.5	330.00
SERVICES	105	36.0	129.00						122	39.5	322.50
SWITCHBOARD OPERATORS, CLASS B				COMPUTER OPERATORS, CLASS A				COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS B			
MANUFACTURING	1,257	38.5	114.50		1,120	39.0	198.00		1,099	38.5	257.00
NONMANUFACTURING	200	38.5	129.00		396	38.5	199.50		518	38.5	265.50
PUBLIC UTILITIES	1,057	38.5	112.00		724	39.0	197.50		581	39.0	249.00
WHOLESALE TRADE	100	39.5	160.50		84	40.0	234.50		142	40.0	263.50
RETAIL TRADE	231	39.5	108.00		166	39.0	200.00		75	40.0	268.50
FINANCE	271	37.0	117.50		108	40.0	198.50		231	38.5	227.50
SERVICES	361	38.0	93.00		276	38.5	186.00				
					90	39.5	191.00				
SWITCHBOARD OPERATOR-RECEPTIONISTS				COMPUTER OPERATORS, CLASS B				COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS C			
MANUFACTURING	2,352	39.0	125.50		1,324	39.0	172.50		288	39.0	219.50
NONMANUFACTURING	1,250	39.0	123.50		471	39.0	170.00		73	38.0	246.50
PUBLIC UTILITIES	1,102	39.0	127.00		853	39.0	174.00		215	39.5	210.50
WHOLESALE TRADE	118	40.0	170.50		122	40.0	219.00		53	38.5	193.00
RETAIL TRADE	534	39.0	126.50		175	38.5	164.50				
FINANCE	175	37.5	112.50		130	40.0	175.00				
SERVICES	223	38.0	120.00		322	38.5	165.00				
					104	38.5	162.50				
TABULATING-MACHINE OPERATORS, CLASS B				COMPUTER OPERATORS, CLASS C				DRAFTSMEN, CLASS A			
MANUFACTURING	202	39.5	156.00		512	38.5	142.00		2,008	40.0	225.00
NONMANUFACTURING	148	39.0	156.50		194	38.5	146.00		1,460	40.0	227.00
					318	39.0	139.00		548	39.5	220.00
					86	39.0	148.00				
					104	38.5	135.00				
					91	39.0	131.50				
									1,847	39.5	186.50
									1,202	39.5	185.50
									645	38.5	188.50
									57	40.0	214.50

See footnote at end of tables.

Table A-3. Office, professional, and technical occupations: Average weekly earnings, by sex—Continued

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Chicago, Ill., May 1973)

Sex, occupation, and industry division	Number of workers	Average		Sex, occupation, and industry division	Number of workers	Average		Sex, occupation, and industry division	Number of workers	Average	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED			\$	PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN--CONTINUED			\$	PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN--CONTINUED			\$
DRAFTSMEN, CLASS C -----	921	39.0	156.00	COMPUTER PROGRAMERS, BUSINESS, CLASS A -----	235	38.5	237.50	COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS B -----	231	38.0	243.50
MANUFACTURING -----	561	39.5	153.50	MANUFACTURING -----	104	38.0	222.50	MANUFACTURING -----	52	37.0	255.50
NONMANUFACTURING -----	360	38.5	159.00	NONMANUFACTURING -----	131	38.5	249.50	NONMANUFACTURING -----	179	38.5	240.00
PUBLIC UTILITIES -----	107	39.0	160.50	FINANCE -----	55	38.0	230.00	FINANCE -----	105	38.0	229.00
DRAFTSMEN--TRACERS -----	98	39.5	135.50	COMPUTER PROGRAMERS, BUSINESS, CLASS B -----	305	38.5	216.50	COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS C -----	125	39.0	207.50
PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN				MANUFACTURING -----	102	38.5	206.50	NONMANUFACTURING -----	123	39.0	207.00
COMPUTER OPERATORS, CLASS A -----	96	38.0	190.00	NONMANUFACTURING -----	203	38.5	221.50	DRAFTSMEN, CLASS B -----	134	39.5	165.00
MANUFACTURING -----	76	37.5	185.50	FINANCE -----	76	38.5	201.00	MANUFACTURING -----	53	39.5	164.50
COMPUTER OPERATORS, CLASS B -----	259	38.5	157.00	COMPUTER PROGRAMERS, BUSINESS, CLASS C -----	161	39.0	178.00	DRAFTSMEN, CLASS C -----	93	39.0	152.00
MANUFACTURING -----	85	38.5	159.00	MANUFACTURING -----	69	39.0	180.50	NONMANUFACTURING -----	650	39.5	182.50
NONMANUFACTURING -----	174	38.0	156.50	NONMANUFACTURING -----	92	39.0	175.50	NURSES, INDUSTRIAL (REGISTERED) -----	519	39.5	181.00
COMPUTER OPERATORS, CLASS C -----	181	38.5	141.50	COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS A -----	133	38.0	275.50	NONMANUFACTURING -----	131	39.0	188.00
MANUFACTURING -----	92	39.0	142.50	NONMANUFACTURING -----	113	38.0	275.50				
NONMANUFACTURING -----	89	38.5	140.50	FINANCE -----	74	37.5	271.00				

See footnote at end of tables.

Table A-3a. Office, professional, and technical occupations—large establishments:
Average weekly earnings, by sex

(Average straight-time weekly hours and earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Chicago, Ill., May 1973)

Sex, occupation, and industry division	Number of workers	Average		Sex, occupation, and industry division	Number of workers	Average		Sex, occupation, and industry division	Number of workers	Average	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
OFFICE OCCUPATIONS - MEN:				OFFICE OCCUPATIONS - WOMEN--CONTINUED				OFFICE OCCUPATIONS WOMEN--CONTINUED			
			\$				\$				\$
CLERKS, ACCOUNTING, CLASS A -----	686	39.0	182.50	CLERKS, FILE, CLASS B -----	1,890	39.0	117.00	SECRETARIES - CONTINUED			
MANUFACTURING -----	351	39.0	174.00	MANUFACTURING -----	402	38.0	104.50	SECRETARIES, CLASS B -----	3,047	39.0	175.00
NONMANUFACTURING -----	335	39.5	191.00	NONMANUFACTURING -----	1,488	39.0	120.50	MANUFACTURING -----	1,330	39.0	177.00
PUBLIC UTILITIES -----	186	40.0	214.50	PUBLIC UTILITIES -----	212	39.0	156.00	NONMANUFACTURING -----	1,717	39.0	173.00
CLERKS, ACCOUNTING, CLASS B -----	434	39.0	165.00	RETAIL TRADE -----	467	40.0	129.00	PUBLIC UTILITIES -----	277	39.5	199.00
MANUFACTURING -----	167	38.5	137.50	FINANCE -----	589	38.0	100.50	WHOLESALE TRADE -----	112	40.0	205.50
NONMANUFACTURING -----	267	39.5	182.50	CLERKS, FILE, CLASS C -----	1,030	38.5	101.50	RETAIL TRADE -----	450	39.5	169.50
CLERKS, ORDER -----	153	40.0	195.50	MANUFACTURING -----	195	38.5	102.00	FINANCE -----	651	38.0	159.00
MANUFACTURING -----	626	38.5	110.50	NONMANUFACTURING -----	835	38.5	101.00	SERVICES -----	227	37.5	173.00
NONMANUFACTURING -----	160	38.5	120.50	CLERKS, ORDER -----	641	39.5	127.50	SECRETARIES, CLASS C -----	5,460	39.0	159.00
FINANCE -----	466	38.5	107.00	MANUFACTURING -----	382	39.5	129.50	MANUFACTURING -----	2,608	39.0	156.50
TABULATING-MACHINE OPERATORS, CLASS A -----	160	39.5	194.50	NONMANUFACTURING -----	259	40.0	124.50	NONMANUFACTURING -----	2,852	39.0	161.00
TABULATING-MACHINE OPERATORS, CLASS B -----	124	39.0	156.50	RETAIL TRADE -----	195	40.0	116.50	PUBLIC UTILITIES -----	501	39.5	191.50
OFFICE OCCUPATIONS - WOMEN				CLERKS, PAYROLL -----	970	39.0	148.00	WHOLESALE TRADE -----	222	40.0	177.00
BILLERS, MACHINE (BILLING MACHINE) -----	195	39.0	148.00	MANUFACTURING -----	550	38.5	150.00	RETAIL TRADE -----	982	40.0	158.00
NONMANUFACTURING -----	110	39.5	163.00	NONMANUFACTURING -----	420	39.0	145.50	FINANCE -----	890	38.5	144.50
BILLERS, MACHINE (BOOKKEEPING MACHINE) -----	111	39.0	117.50	RETAIL TRADE -----	214	39.0	133.50	SERVICES -----	257	37.5	152.50
BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	239	39.0	142.00	KEYPUNCH OPERATORS, CLASS A -----	3,014	39.0	143.00	SECRETARIES, CLASS D -----	3,912	39.0	141.50
MANUFACTURING -----	185	39.0	142.50	MANUFACTURING -----	1,546	38.5	139.50	MANUFACTURING -----	2,157	39.0	143.00
BOOKKEEPING-MACHINE OPERATORS, CLASS B -----	113	38.5	126.50	NONMANUFACTURING -----	1,468	39.0	146.50	NONMANUFACTURING -----	1,755	39.0	139.50
CLERKS, ACCOUNTING, CLASS A -----	2,812	39.0	154.50	PUBLIC UTILITIES -----	502	40.0	161.50	PUBLIC UTILITIES -----	230	39.0	166.50
MANUFACTURING -----	1,172	39.0	153.50	WHOLESALE TRADE -----	136	40.0	148.50	RETAIL TRADE -----	548	39.5	132.50
NONMANUFACTURING -----	1,640	39.0	155.50	RETAIL TRADE -----	350	39.5	142.50	FINANCE -----	413	38.0	125.50
PUBLIC UTILITIES -----	367	39.5	186.00	FINANCE -----	406	38.0	134.00	SERVICES -----	462	38.5	142.50
WHOLESALE TRADE -----	140	40.0	169.50	KEYPUNCH OPERATORS, CLASS B -----	2,278	39.0	129.50	STENOGRAPHERS, GENERAL -----	1,574	39.0	144.00
RETAIL TRADE -----	696	39.5	147.50	MANUFACTURING -----	783	39.0	129.00	MANUFACTURING -----	683	39.0	131.50
FINANCE -----	314	38.0	138.50	NONMANUFACTURING -----	1,495	39.0	129.50	NONMANUFACTURING -----	891	39.0	153.50
SERVICES -----	123	37.0	137.00	PUBLIC UTILITIES -----	326	40.0	157.00	PUBLIC UTILITIES -----	434	39.5	180.50
CLERKS, ACCOUNTING, CLASS B -----	3,908	39.0	126.50	RETAIL TRADE -----	309	39.5	126.50	RETAIL TRADE -----	110	38.5	134.00
MANUFACTURING -----	1,868	38.5	123.50	FINANCE -----	538	38.0	113.50	STENOGRAPHERS, SENIOR -----	1,853	38.5	153.00
NONMANUFACTURING -----	2,040	39.0	129.50	SERVICES -----	222	38.5	123.50	MANUFACTURING -----	854	39.0	156.50
PUBLIC UTILITIES -----	249	39.5	176.00	MESSENGERS (OFFICE GIRLS) -----	894	39.0	104.00	NONMANUFACTURING -----	999	38.0	149.50
WHOLESALE TRADE -----	282	40.0	141.50	MANUFACTURING -----	250	39.0	108.50	PUBLIC UTILITIES -----	171	39.5	182.50
RETAIL TRADE -----	825	39.5	122.50	NONMANUFACTURING -----	644	39.0	102.50	FINANCE -----	212	38.5	124.50
FINANCE -----	485	38.0	116.00	RETAIL TRADE -----	108	39.0	102.50	SERVICES -----	419	37.0	145.00
SERVICES -----	199	37.5	115.50	FINANCE -----	313	38.5	93.50	SWITCHBOARD OPERATORS, CLASS A -----	466	39.0	141.50
CLERKS, FILE, CLASS A -----	631	38.5	121.50	SECRETARIES -----	14,206	39.0	160.00	MANUFACTURING -----	222	39.0	139.50
MANUFACTURING -----	214	38.5	125.00	MANUFACTURING -----	7,148	39.0	159.00	NONMANUFACTURING -----	244	38.5	143.50
NONMANUFACTURING -----	417	38.5	119.50	NONMANUFACTURING -----	7,058	39.0	161.00	SWITCHBOARD OPERATORS, CLASS B -----	608	39.5	126.00
FINANCE -----	340	38.0	112.50	PUBLIC UTILITIES -----	1,223	39.5	191.00	MANUFACTURING -----	160	39.0	130.00
				WHOLESALE TRADE -----	462	39.5	181.50	NONMANUFACTURING -----	448	39.5	124.00
				RETAIL TRADE -----	2,113	39.5	155.50	PUBLIC UTILITIES -----	100	39.5	160.50
				FINANCE -----	2,265	38.0	149.00	RETAIL TRADE -----	173	39.5	111.50
				SERVICES -----	995	38.0	154.50	SWITCHBOARD OPERATOR-RECEPTIONISTS-CLASS B -----	117	39.5	169.50
				SECRETARIES, CLASS A -----	1,094	39.0	195.00	MANUFACTURING -----	103	39.5	169.50
				MANUFACTURING -----	528	39.0	198.00	NONMANUFACTURING -----			
				NONMANUFACTURING -----	566	39.0	192.50	TABULATING-MACHINE OPERATORS, CLASS B -----			
				PUBLIC UTILITIES -----	141	39.5	206.00	MANUFACTURING -----			
				RETAIL TRADE -----	133	39.0	187.50	NONMANUFACTURING -----			
				FINANCE -----	219	38.5	183.00				

See footnote at end of tables.

Table A-3a. Office, professional, and technical occupations—large establishments:
Average weekly earnings, by sex—Continued

(Average straight-time weekly hours and earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Chicago, Ill., May 1973)

Sex, occupation, and industry division	Number of workers	Average		Sex, occupation, and industry division	Number of workers	Average		Sex, occupation, and industry division	Number of workers	Average	
		Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)			Weekly hours ¹ (standard)	Weekly earnings ¹ (standard)
OFFICE OCCUPATIONS - WOMEN--CONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN--CONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - WOMEN			
TRANSCRIBING-MACHINE OPERATORS, GENERAL -----	559	38.5	\$ 126.50	COMPUTER PROGRAMERS, BUSINESS, CLASS B -----	698	39.0	\$ 229.00	COMPUTER OPERATORS, CLASS A -----	76	37.0	\$ 192.50
MANUFACTURING -----	178	38.0	127.50	MANUFACTURING -----	309	39.0	227.50	COMPUTER OPERATORS, CLASS B -----	153	38.5	163.50
NONMANUFACTURING -----	381	38.5	126.00	NONMANUFACTURING -----	389	39.0	230.50	NONMANUFACTURING -----	112	38.5	162.50
FINANCE -----	261	38.0	114.50	PUBLIC UTILITIES -----	102	39.5	252.00	COMPUTER OPERATORS, CLASS C -----	104	38.0	141.50
TYPISTS, CLASS A -----	2,619	39.0	129.50	RETAIL TRADE -----	84	40.0	240.50	NONMANUFACTURING -----	89	38.5	140.50
MANUFACTURING -----	1,078	39.0	133.50	FINANCE -----	145	38.5	212.50				
NONMANUFACTURING -----	1,541	39.0	126.50	COMPUTER PROGRAMERS, BUSINESS, CLASS C -----	270	39.0	187.00	COMPUTER PROGRAMERS, BUSINESS, CLASS A -----	186	38.0	244.00
PUBLIC UTILITIES -----	136	40.0	147.50	MANUFACTURING -----	122	38.5	187.00	MANUFACTURING -----	75	37.5	227.00
RETAIL TRADE -----	452	39.5	129.00	NONMANUFACTURING -----	148	39.5	186.50	NONMANUFACTURING -----	111	38.5	256.00
FINANCE -----	689	38.5	116.00	COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS A -----	983	39.0	303.00	COMPUTER PROGRAMERS, BUSINESS, CLASS B -----	228	38.5	221.50
SERVICES -----	167	37.5	134.00	MANUFACTURING -----	399	38.5	300.50	MANUFACTURING -----	79	38.5	208.00
TYPISTS, CLASS B -----	2,754	39.0	115.00	NONMANUFACTURING -----	584	39.0	304.50	NONMANUFACTURING -----	149	38.5	228.50
MANUFACTURING -----	910	39.0	117.00	PUBLIC UTILITIES -----	153	39.5	330.00	FINANCE -----	60	38.5	207.50
NONMANUFACTURING -----	1,844	39.0	114.50	FINANCE -----	255	38.0	280.00	COMPUTER PROGRAMERS, BUSINESS, CLASS C -----	108	39.0	182.00
PUBLIC UTILITIES -----	204	39.5	137.00	COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS B -----	917	39.0	258.00	NONMANUFACTURING -----	77	39.0	179.50
RETAIL TRADE -----	552	39.5	117.50	MANUFACTURING -----	430	38.0	265.50	COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS A -----	113	38.0	280.00
FINANCE -----	820	38.0	105.00	NONMANUFACTURING -----	487	39.0	251.50	NONMANUFACTURING -----	93	38.0	281.00
SERVICES -----	134	37.5	110.50	PUBLIC UTILITIES -----	142	40.0	263.50	FINANCE -----	54	37.5	279.00
PROFESSIONAL AND TECHNICAL OCCUPATIONS - MEN				RETAIL TRADE -----	75	40.0	268.50				
COMPUTER OPERATORS, CLASS A -----	848	39.0	201.00	FINANCE -----	187	38.5	227.50	COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS B -----	211	38.0	245.00
MANUFACTURING -----	344	38.5	202.00	COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS C -----	268	39.5	220.50	MANUFACTURING -----	52	37.0	255.50
NONMANUFACTURING -----	504	39.0	200.00	NONMANUFACTURING -----	203	39.5	211.50	NONMANUFACTURING -----	159	38.5	242.00
PUBLIC UTILITIES -----	84	40.0	234.50	DRAFTSMEN, CLASS A -----	1,283	40.0	227.50	FINANCE -----	85	38.0	230.00
RETAIL TRADE -----	108	40.0	198.50	MANUFACTURING -----	847	40.0	230.50	COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS C -----	123	39.0	207.00
FINANCE -----	216	38.5	187.50	DRAFTSMEN, CLASS B -----	1,219	39.0	191.00	NONMANUFACTURING -----	123	39.0	207.00
COMPUTER OPERATORS, CLASS B -----	940	39.0	175.00	MANUFACTURING -----	697	39.5	189.00	DRAFTSMEN, CLASS B -----	107	39.5	166.50
MANUFACTURING -----	373	38.5	171.00	NONMANUFACTURING -----	522	38.5	193.50	MANUFACTURING -----	53	39.5	164.50
NONMANUFACTURING -----	567	39.0	178.00	PUBLIC UTILITIES -----	56	40.0	214.00	DRAFTSMEN, CLASS C -----	57	39.0	156.50
PUBLIC UTILITIES -----	119	40.0	220.50	COMPUTER OPERATORS, CLASS C -----	335	38.5	144.50	MANUFACTURING -----			
RETAIL TRADE -----	129	40.0	175.50	MANUFACTURING -----	141	38.5	151.50	NONMANUFACTURING -----			
FINANCE -----	236	38.5	162.00	NONMANUFACTURING -----	194	39.0	139.50	FINANCE -----			
SERVICES -----	54	39.0	164.00	PUBLIC UTILITIES -----	92	38.0	131.50	COMPUTER PROGRAMERS, BUSINESS, CLASS A -----			
COMPUTER OPERATORS, CLASS C -----	335	38.5	144.50	DRAFTSMEN, CLASS C -----	604	39.0	157.50	MANUFACTURING -----			
MANUFACTURING -----	141	38.5	151.50	MANUFACTURING -----	265	39.5	154.00	NONMANUFACTURING -----			
NONMANUFACTURING -----	194	39.0	139.50	NONMANUFACTURING -----	339	38.5	160.50	FINANCE -----			
FINANCE -----	92	38.0	131.50	PUBLIC UTILITIES -----	106	39.0	160.00	NURSES, INDUSTRIAL (REGISTERED) ---	536	39.5	187.00
COMPUTER PROGRAMERS, BUSINESS, CLASS A -----	664	39.0	258.00	DRAFTSMEN-TRACERS -----	85	39.5	139.50	MANUFACTURING -----	412	39.5	186.50
MANUFACTURING -----	285	38.5	254.50				NONMANUFACTURING -----	124	39.0	189.00	
NONMANUFACTURING -----	379	39.0	260.50								
PUBLIC UTILITIES -----	152	39.5	266.50								
FINANCE -----	110	38.5	250.00								

See footnote at end of tables.

Table A-4. Maintenance and powerplant occupations: Hourly earnings—Continued

(Average straight-time hourly earnings of workers in selected occupations by industry division, Chicago, Ill., May 1973)

Sex, occupation, and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																							
		Mean ²	Median ²	Middle range ²	Under	\$ 3.40	\$ 3.60	\$ 3.80	\$ 4.00	\$ 4.20	\$ 4.40	\$ 4.60	\$ 4.80	\$ 5.00	\$ 5.20	\$ 5.40	\$ 5.60	\$ 5.80	\$ 6.00	\$ 6.20	\$ 6.40	\$ 6.60	\$ 6.80	\$ 7.00	\$ 7.20	\$ 7.40	\$ 7.60	
					\$ 3.40 and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEN - CONTINUED					3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.40	6.60	6.80	7.00	7.20	7.40	7.60	over		
PIPEFITTERS, MAINTENANCE -----	1,560	\$ 5.49	\$ 5.33	\$ 5.02- 5.93	-	-	-	-	23	34	173	150	127	352	211	27	150	159	8	24	87	-	2	1	2	30		
MANUFACTURING -----	1,432	5.40	5.31	4.90- 5.80	-	-	-	-	23	34	172	148	99	343	195	27	150	145	1	2	87	-	2	1	2	1		
NONMANUFACTURING -----	128	6.43	6.11	5.21- 6.49	-	-	-	-	-	1	2	28	9	16	-	-	14	7	22	-	-	-	-	-	-	*29		
PUBLIC UTILITIES -----	59	5.96	6.19	5.44- 6.44	-	-	-	-	-	-	-	-	-	9	16	-	5	7	22	-	-	-	-	-	-	-		
SHEET-METAL WORKERS, MAINTENANCE ---	251	5.43	5.32	5.16- 5.92	-	-	-	-	-	25	19	27	81	17	5	34	42	-	-	-	-	-	-	-	-	-	1	
MANUFACTURING -----	250	5.43	5.32	5.16- 5.93	-	-	-	-	-	25	19	27	80	17	5	34	42	-	-	-	-	-	-	-	-	-	1	
TOOL AND DIE MAKERS -----	4,900	6.03	6.27	5.55- 6.60	-	-	-	-	14	7	241	166	116	193	590	243	331	163	1234	348	1058	134	62	-	-	-		
MANUFACTURING -----	4,895	6.04	6.27	5.55- 6.60	-	-	-	-	14	7	241	166	116	191	587	243	331	163	1234	348	1058	134	62	-	-	-		

* Workers were distributed as follows: 7 at \$8.60 to \$8.80; and 22 at \$9 to \$9.20.

See footnotes at end of tables.

Table A-4a. Maintenance and powerplant occupations—large establishments: Hourly earnings

(Average straight-time hourly earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Chicago, Ill., May 1973)

Sex, occupation, and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																						
		Mean ²	Median ²	Middle range ²	Under	\$ 3.40	\$ 3.60	\$ 3.80	\$ 4.00	\$ 4.20	\$ 4.40	\$ 4.60	\$ 4.80	\$ 5.00	\$ 5.20	\$ 5.40	\$ 5.60	\$ 5.80	\$ 6.00	\$ 6.20	\$ 6.40	\$ 6.60	\$ 6.80	\$ 7.00	\$ 7.20	\$ 7.40	\$ 7.60
					and \$ 3.40 under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEN																											
CARPENTERS, MAINTENANCE	664	5.70	5.24	4.96-5.92	-	-	1	1	9	9	21	54	106	93	117	60	13	43	23	2	7	6	3	1	-	-	95
MANUFACTURING	412	5.23	5.20	4.91-5.43	-	-	-	-	7	8	19	43	51	81	90	38	10	43	15	1	1	-	1	-	-	4	
NONMANUFACTURING	252	6.47	5.56	4.98-8.63	-	-	1	1	2	1	2	11	55	12	27	22	3	-	8	1	6	6	2	1	-	*91	
PUBLIC UTILITIES	90	5.28	5.23	4.96-5.52	-	-	-	-	-	-	2	36	1	25	20	-	-	-	-	-	-	6	-	-	-	-	
RETAIL TRADE	102	6.87	7.70	4.95-8.65	-	-	1	1	2	1	2	9	18	6	-	-	3	-	-	1	4	-	2	1	-	51	
ELECTRICIANS, MAINTENANCE	2,801	5.78	5.57	5.26-6.18	-	-	-	10	-	10	73	86	212	205	546	311	125	137	455	194	179	62	55	19	17	105	
MANUFACTURING	2,168	5.62	5.41	5.19-6.04	-	-	-	-	-	67	82	212	191	521	266	91	132	445	19	4	46	5	6	10	-	71	
NONMANUFACTURING	633	6.30	6.38	6.15-6.48	-	-	-	10	-	10	6	4	-	14	25	45	34	5	10	175	175	16	50	13	7	34	
ENGINEERS, STATIONARY	1,196	5.91	5.86	5.04-6.77	-	-	-	1	-	5	48	81	147	101	70	59	39	125	98	22	41	87	3	231	17	3	18
MANUFACTURING	831	5.56	5.39	4.95-6.07	-	-	-	1	-	4	46	80	146	83	58	34	25	123	76	15	41	79	2	7	10	-	1
NONMANUFACTURING	365	6.72	7.12	6.08-7.17	-	-	-	-	-	1	2	1	1	18	12	25	14	2	22	7	-	8	1	224	7	3	17
RETAIL TRADE	167	6.83	7.11	6.75-7.16	-	-	-	-	-	-	1	-	-	4	2	2	5	2	17	5	-	8	-	121	-	-	
SERVICES	64	6.80	7.14	6.05-7.19	-	-	-	-	-	1	-	-	1	1	1	4	8	-	-	-	-	-	-	38	-	-	10
FIREMEN, STATIONARY BOILER	364	5.08	4.94	4.61-5.68	-	-	-	5	26	49	10	36	85	29	15	18	8	2	31	50	-	-	-	-	-	-	
MANUFACTURING	278	4.83	4.87	4.33-5.06	-	-	-	5	26	49	9	27	76	29	14	18	8	-	11	6	-	-	-	-	-	-	
NONMANUFACTURING	86	5.87	6.20	5.99-6.25	-	-	-	-	-	-	1	9	9	-	1	-	-	2	20	44	-	-	-	-	-	-	
HELPERS, MAINTENANCE TRADES	1,224	4.16	4.17	3.90-4.37	10	22	119	260	254	338	135	30	30	-	1	25	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING	829	4.22	4.30	3.97-4.39	8	15	39	179	145	256	119	12	30	-	1	25	-	-	-	-	-	-	-	-	-	-	
MACHINE-TOOL OPERATORS, TOOLROOM	1,337	5.60	5.65	5.26-5.93	-	-	-	-	4	10	23	25	91	118	170	159	181	238	157	142	8	9	2	-	-	-	
MANUFACTURING	1,329	5.60	5.65	5.26-5.94	-	-	-	-	4	10	22	25	87	118	167	159	181	238	157	142	8	9	2	-	-	-	
MACHINISTS, MAINTENANCE	2,328	5.70	5.47	5.24-6.03	-	-	-	7	25	8	4	84	95	164	572	429	140	179	255	50	41	144	5	10	-	13	103
MANUFACTURING	2,068	5.69	5.44	5.23-6.03	-	-	-	7	25	8	4	84	95	164	522	325	128	155	253	34	-	138	-	10	-	13	103
NONMANUFACTURING	260	5.78	5.58	5.51-6.31	-	-	-	-	-	-	-	-	-	-	50	104	12	24	2	16	41	6	5	-	-	-	
PUBLIC UTILITIES	192	5.77	5.57	5.52-6.38	-	-	-	-	-	-	-	-	-	-	31	100	-	-	-	16	41	4	-	-	-	-	
MECHANICS, AUTOMOTIVE (MAINTENANCE)	2,017	5.87	6.06	5.08-6.54	1	3	1	2	-	3	7	16	347	171	133	79	117	78	138	399	45	441	36	-	-	-	
MANUFACTURING	468	5.42	5.31	4.97-5.84	-	-	-	1	-	1	3	7	131	48	86	52	9	40	34	56	-	-	-	-	-	-	
NONMANUFACTURING	1,549	6.01	6.26	5.34-6.66	1	3	1	1	-	2	4	9	216	123	47	27	108	38	104	343	45	441	36	-	-	-	
PUBLIC UTILITIES	1,388	5.98	6.26	5.10-6.65	1	3	1	1	-	1	4	9	214	122	38	13	103	15	79	337	20	427	-	-	-	-	
MECHANICS, MAINTENANCE	4,138	5.32	5.24	4.96-5.58	-	-	14	2	75	80	263	258	548	650	731	491	165	140	227	230	245	19	-	-	-	-	
MANUFACTURING	3,547	5.22	5.19	4.94-5.44	-	-	14	2	74	69	226	253	529	642	724	380	141	135	197	139	11	11	-	-	-	-	
NONMANUFACTURING	591	5.91	6.27	5.45-6.44	-	-	-	-	1	11	37	5	19	8	7	111	24	5	30	91	234	8	-	-	-	-	
MILLWRIGHTS	1,797	5.38	5.33	4.99-5.87	-	-	-	-	-	-	66	60	338	182	554	93	17	245	176	3	-	63	-	-	-	-	
MANUFACTURING	1,690	5.37	5.33	4.98-5.88	-	-	-	-	-	-	66	60	329	166	494	93	17	228	175	1	-	61	-	-	-	-	
PAINTERS, MAINTENANCE	409	5.36	5.09	4.71-5.76	-	2	-	2	10	12	40	72	43	31	34	51	15	41	11	1	1	1	5	-	-	37	
MANUFACTURING	306	5.05	4.96	4.65-5.44	-	2	-	1	9	12	38	71	32	27	24	35	8	37	6	1	-	1	-	-	-	2	
NONMANUFACTURING	103	6.29	5.78	5.26-7.73	-	-	-	-	1	1	-	2	1	11	4	10	16	7	4	5	-	1	-	5	-	-	**35
PIPEFITTERS, MAINTENANCE	1,407	5.57	5.39	5.17-5.96	-	-	-	-	-	2	34	80	144	107	352	199	27	150	158	8	24	87	-	-	-	1	
MANUFACTURING	1,312	5.47	5.36	5.14-5.92	-	-	-	-	-	2	34	79	142	99	343	195	27	150	145	1	2	87	-	-	2	1	2
NONMANUFACTURING	95	6.83	6.42	5.49-8.69	-	-	-	-	-	-	1	2	8	9	4	-	-	13	7	22	-	-	-	-	-	-	***29
SHEET-METAL WORKERS, MAINTENANCE	227	5.50	5.36	5.21-5.95	-	-	-	-	-	-	9	19	27	73	17	5	34	42	-	-	-	-	-	-	-	-	1
MANUFACTURING	226	5.50	5.36	5.20-5.95	-	-	-	-	-	-	9	19	27	72	17	5	34	42	-	-	-	-	-	-	-	-	1
TOOL AND DIE MAKERS	3,057	6.05	6.25	5.66-6.37	-	-	-	-	-	7	7	54	29	32	183	347	220	224	160	1234	348	91	84	37	-	-	
MANUFACTURING	3,052	6.05	6.25	5.67-6.37	-	-	-	-	-	7	7	54	29	32	181	344	220	224	160	1234	348	91	84	37	-	-	

* Workers were distributed as follows: 4 at \$7.60 to \$7.80; 2 at \$8.20 to \$8.40; 1 at \$8.40 to \$8.60; and 84 at \$8.60 to \$8.80.

** Workers were distributed as follows: 30 at \$7.60 to \$7.80; and 5 at \$7.80 and over.

*** Workers were distributed as follows: 7 at \$8.60 to \$8.80; and 22 at \$9 to \$9.20.

See footnotes at end of tables.

Table A-5. Custodial and material movement occupations: Hourly earnings

(Average straight-time hourly earnings of workers in selected occupations by industry division, Chicago, Ill., May 1973)

Sex, occupation, and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																									
		Mean ²	Median ²	Middle range ²	Under	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	over		
					\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
MEN																														
GUARDS AND WATCHMEN -----	10,655	2.89	2.56	2.33- 3.40	170	961	2166	2673	1224	225	325	239	452	382	218	245	437	259	304	196	49	52	14	31	15	18	-	-	-	
MANUFACTURING -----	1,626	3.98	4.13	3.44- 4.48	-	2	-	3	4	43	186	115	196	114	72	114	329	170	89	163	26	-	-	-	-	-	-	-		
NONMANUFACTURING -----	9,029	2.70	2.52	2.29- 2.69	170	959	2166	2670	1220	182	139	124	256	268	146	131	108	89	215	33	23	52	14	31	15	18	-	-		
GUARDS																														
MANUFACTURING -----	1,233	4.11	4.25	3.50- 4.57	-	-	-	-	2	22	147	33	135	33	42	78	311	157	86	161	26	-	-	-	-	-	-	-		
WATCHMEN																														
MANUFACTURING -----	393	3.57	3.57	3.26- 3.90	-	2	-	3	2	21	39	82	61	81	30	36	18	13	3	2	-	-	-	-	-	-	-	-		
JANITORS, PORTERS, AND CLEANERS ---	18,563	3.24	3.37	2.73- 3.62	49	1425	764	1893	781	1314	1607	1612	4272	1856	743	600	384	696	265	177	2	-	34	77	-	4	8			
MANUFACTURING -----	7,534	3.50	3.52	3.14- 3.79	-	69	96	183	251	737	791	1090	981	1535	525	417	205	450	188	-	-	-	4	-	-	4	8			
NONMANUFACTURING -----	11,029	3.06	3.09	2.53- 3.49	49	1356	668	1710	530	577	816	522	3291	321	218	183	179	246	77	177	2	-	30	77	-	-	-			
PUBLIC UTILITIES -----	877	4.33	4.43	3.72- 4.91	-	-	-	-	-	5	31	24	81	109	78	27	58	180	39	168	-	-	-	-	-	-	-			
WHOLESALE TRADE -----	598	3.65	3.58	3.23- 4.18	-	-	21	26	30	8	33	95	100	35	50	66	41	58	28	7	-	-	-	-	-	-	-			
RETAIL TRADE -----	1,541	3.18	3.08	2.71- 3.60	9	55	102	143	104	276	151	173	142	107	73	74	80	8	10	2	2	-	30	-	-	-				
FINANCE -----	1,382	3.43	3.45	3.42- 3.48	-	-	-	10	-	31	6	32	1280	6	17	-	-	-	-	-	-	-	-	-	-	-	-			
SERVICES -----	6,631	2.74	2.59	2.28- 3.41	40	1301	545	1531	396	257	595	198	1688	64	-	16	-	-	-	-	-	-	-	-	-	-	-			
LABORERS, MATERIAL HANDLING -----	22,688	4.38	4.29	3.57- 5.42	-	50	156	346	434	925	1037	1506	1454	2524	1458	892	1360	1736	1520	586	217	811	367	794	4515	-	-			
MANUFACTURING -----	10,195	3.74	3.71	3.32- 4.09	-	-	-	102	293	649	882	1071	1045	1983	1265	560	439	826	650	412	7	7	1	3	-	-	-			
NONMANUFACTURING -----	12,493	4.89	5.23	4.25- 5.83	-	50	156	244	141	276	155	435	409	541	193	332	921	910	870	174	210	804	366	791	4515	-	-			
PUBLIC UTILITIES -----	6,361	5.56	5.83	5.27- 5.87	-	-	-	-	-	37	23	5	5	12	12	80	600	365	3	6	675	23	-	4515	-	-	-			
WHOLESALE TRADE -----	3,215	4.12	4.22	3.41- 4.74	-	20	130	60	30	168	30	337	278	336	2	166	513	182	268	123	16	-	276	280	-	-				
RETAIL TRADE -----	2,765	4.38	4.37	3.73- 5.22	-	30	22	133	53	82	76	75	125	200	179	154	328	128	237	48	188	129	67	511	-	-				
SERVICES -----	192	2.67	2.67	2.48- 2.91	-	-	4	51	58	26	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ORDER FILLERS -----	8,121	4.05	4.05	3.43- 4.70	-	29	41	100	177	168	587	788	803	815	450	460	795	176	1376	668	132	131	47	377	-	-	1			
MANUFACTURING -----	2,662	3.78	3.70	3.28- 4.22	-	19	19	15	65	100	218	380	392	285	207	268	246	92	121	60	61	67	36	10	-	-	1			
NONMANUFACTURING -----	5,459	4.19	4.33	3.55- 4.76	-	10	22	85	112	68	369	408	411	530	243	192	549	84	1255	608	71	64	11	367	-	-				
WHOLESALE TRADE -----	4,366	4.06	4.22	3.51- 4.69	-	10	20	40	70	60	331	391	386	452	208	176	504	72	989	586	70	-	1	-	-	-				
RETAIL TRADE -----	795	4.80	5.27	3.88- 5.65	-	-	2	23	20	7	37	17	16	60	35	16	45	12	56	7	1	64	10	367	-	-				
PACKERS, SHIPPING -----	4,970	3.78	3.75	3.30- 4.35	-	12	98	163	181	359	255	275	710	566	334	607	319	318	574	79	4	64	20	5	13	7				
MANUFACTURING -----	3,277	3.79	3.73	3.41- 4.35	-	-	57	40	148	231	178	136	594	406	229	320	227	314	208	69	4	64	20	5	13	7				
NONMANUFACTURING -----	1,693	3.75	3.82	3.21- 4.35	-	12	41	123	33	128	77	139	116	160	105	287	92	4	366	10	-	-	-	-	-	-				
WHOLESALE TRADE -----	1,472	3.81	3.88	3.26- 4.61	-	10	40	83	10	120	46	116	92	157	103	263	59	3	360	10	-	-	-	-	-	-				
RETAIL TRADE -----	114	3.76	4.08	3.18- 4.33	-	2	1	3	8	4	13	8	6	3	2	24	33	1	6	-	-	-	-	-	-					
RECEIVING CLERKS -----	1,966	4.31	4.37	3.85- 4.83	-	-	2	16	4	16	60	104	66	173	143	226	214	241	183	185	210	43	-	78	-	1				
MANUFACTURING -----	807	4.19	4.25	3.78- 4.55	-	-	-	-	2	9	22	35	13	140	59	96	97	165	67	83	1	18	-	-	-	-				
NONMANUFACTURING -----	1,159	4.40	4.51	3.89- 5.01	-	-	2	16	2	7	38	69	53	33	84	130	117	76	116	102	209	25	1	78	-	1				
WHOLESALE TRADE -----	461	4.16	4.14	3.80- 4.66	-	-	-	-	-	-	54	39	23	58	76	39	37	44	59	32	-	-	-	-	-	-				
RETAIL TRADE -----	552	4.52	4.69	4.09- 5.08	-	-	2	16	1	4	26	15	13	9	25	51	78	22	72	43	70	25	1	78	-	1				
SHIPPING CLERKS -----	1,052	4.31	4.38	3.86- 4.82	-	-	-	-	-	25	12	110	82	76	132	104	150	80	193	71	2	1	12	-	2	-				
MANUFACTURING -----	519	4.25	4.38	3.80- 4.65	-	-	-	-	-	12	1	85	31	22	71	45	113	54	57	27	-	1	-	-	-	-				
NONMANUFACTURING -----	533	4.36	4.39	3.91- 4.87	-	-	-	-	-	13	11	25	51	54	61	59	37	26	136	44	2	-	12	-	2	-				
WHOLESALE TRADE -----	350	4.28	4.34	3.82- 4.85	-	-	-	-	-	11	-	23	48	30	58	12	35	3	103	25	-	2	-	-	-	-				
RETAIL TRADE -----	149	4.48	4.37	3.99- 4.85	-	-	-	-	-	2	8	2	3	24	3	45	2	23	4	19	2	-	10	-	2	-				
SHIPPING AND RECEIVING CLERKS -----	1,113	4.24	4.24	3.92- 4.57	-	-	-	-	1	21	87	22	82	22	124	164	110	231	75	62	20	11	35	-	46	-				
MANUFACTURING -----	708	4.11	4.09	3.91- 4.49	-	-	-	-	-	52	21	76	4	109	125	63	158	60	30	2	-	8	-	-	-	-				
NONMANUFACTURING -----	405	4.46	4.44	4.01- 5.01	-	-	-	-	1	21	35	1	6	18	15	39	47	73	15	32	18	11	27	-	46	-				
WHOLESALE TRADE -----	225	4.47	4.44	4.00- 4.91	-	-	-	-	-	33	-	-	-	11	13	25	14	60	10	13	-	-	-	-	46	-				
RETAIL TRADE -----	82	4.25	4.40	3.00- 4.94	-	-	-	-	21	-	-	4	-	-	-	16	4	5	19	1	-	12	-	-	-					

See footnotes at end of tables.

Table A-5. Custodial and material movement occupations: Hourly earnings—Continued

(Average straight-time hourly earnings of workers in selected occupations by industry division, Chicago, Ill., May 1973)

Sex, occupation, and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																							
		Mean ²	Median ²	Middle range ²																								
					Under \$ 2.00 and under	2.00	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	over	
MEN - CONTINUED																												
TRUCKDRIVERS -----	19,364	5.88	6.08	5.79- 6.15	-	-	-	-	11	-	46	13	12	22	45	76	121	122	292	491	139	740	488	2349	259711362	438		
MANUFACTURING -----	2,611	5.49	5.63	5.33- 5.87	-	-	-	-	-	-	11	11	-	19	35	67	84	43	92	55	75	502	247	224	852	251	43	
NONMANUFACTURING -----	16,753	5.94	6.11	5.86- 6.16	-	-	-	-	11	-	35	2	12	3	10	9	37	79	200	436	64	238	241	2125	174511111	395		
PUBLIC UTILITIES -----	10,018	6.02	6.13	6.07- 6.17	-	-	-	-	-	-	1	2	2	2	5	7	8	45	198	70	5	-	40	1103	241	8274	15	
WHOLESALE TRADE -----	4,840	5.87	5.98	5.78- 6.10	-	-	-	-	-	-	-	-	-	-	2	9	2	2	332	42	-	35	965	1115	1956	380		
RETAIL TRADE -----	1,750	5.75	5.99	5.48- 6.11	-	-	-	-	11	-	34	-	10	1	3	-	1	-	22	6	238	152	29	399	854	-		
SERVICES -----	143	5.12	5.16	4.45- 5.67	-	-	-	-	-	-	-	-	-	2	-	19	32	-	12	11	-	14	26	-	27	-		
TRUCKDRIVERS, LIGHT (UNDER 1-1/2 TONS)																												
TRUCKDRIVERS -----	1,928	5.49	5.74	5.62- 5.83	-	-	-	-	11	-	45	7	8	19	14	11	7	11	10	241	19	-	-	835	674	16	-	
MANUFACTURING -----	1,193	5.39	5.68	4.99- 5.75	-	-	-	-	11	-	34	-	8	-	5	3	3	11	4	234	5	-	-	835	24	16	-	
NONMANUFACTURING -----	89	4.14	3.19	3.04- 5.86	-	-	-	-	11	-	34	-	8	-	2	-	-	-	-	-	-	-	-	-	3	24	6	-
TRUCKDRIVERS, MEDIUM (1-1/2 TO AND INCLUDING 4 TONS)																												
TRUCKDRIVERS -----	3,824	5.77	5.92	5.68- 6.08	-	-	-	-	-	-	1	6	4	3	18	25	-	31	196	48	56	24	284	820	417	1873	18	
MANUFACTURING -----	549	5.41	5.58	5.07- 5.68	-	-	-	-	-	-	-	4	-	-	14	20	-	15	17	26	56	6	152	138	28	55	18	
NONMANUFACTURING -----	3,275	5.84	6.02	5.75- 6.09	-	-	-	-	-	-	1	2	4	3	4	5	-	16	179	22	-	18	132	682	389	1818	-	
PUBLIC UTILITIES -----	1,259	5.79	6.06	6.00- 6.12	-	-	-	-	-	-	1	2	2	2	2	5	-	16	177	-	-	-	-	92	-	960	-	
WHOLESALE TRADE -----	1,565	5.89	5.86	5.76- 6.08	-	-	-	-	-	-	-	-	-	-	-	-	-	2	22	-	-	-	-	549	379	613	-	
TRUCKDRIVERS, HEAVY (OVER 4 TONS, TRAILER TYPE)																												
TRUCKDRIVERS -----	9,755	6.03	6.13	6.00- 6.17	-	-	-	-	-	-	-	-	-	-	-	1	15	19	17	112	64	168	131	593	1347	6888	400	
MANUFACTURING -----	555	5.70	5.84	5.43- 6.11	-	-	-	-	-	-	-	-	-	-	-	-	-	15	18	14	12	5	56	61	79	119	171	5
NONMANUFACTURING -----	9,200	6.05	6.14	6.10- 6.17	-	-	-	-	-	-	-	-	-	-	-	1	-	1	3	100	59	112	70	514	1228	6717	395	
PUBLIC UTILITIES -----	6,461	6.10	6.14	6.12- 6.17	-	-	-	-	-	-	-	-	-	-	-	1	-	1	3	66	-	-	15	279	241	5840	15	
WHOLESALE TRADE -----	1,738	5.97	5.98	5.84- 6.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-	35	228	634	419	*380	
RETAIL TRADE -----	968	5.89	5.99	5.91- 6.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	6	112	20	6	353	449	-	-	
TRUCKDRIVERS, HEAVY (OVER 4 TONS, OTHER THAN TRAILER TYPE)																												
TRUCKDRIVERS -----	2,587	5.93	6.07	6.02- 6.13	-	-	-	-	-	-	-	-	-	-	-	-	12	10	85	36	-	-	20	63	13	75	2253	20
MANUFACTURING -----	211	5.25	5.57	4.27- 5.98	-	-	-	-	-	-	-	-	-	-	-	-	12	10	58	2	-	-	-	34	7	43	25	20
NONMANUFACTURING -----	2,376	5.99	6.08	6.03- 6.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	34	-	-	20	29	6	32	2228	-
PUBLIC UTILITIES -----	1,157	6.06	6.12	6.06- 6.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	1132	-
TRUCKERS, POWER (FORKLIFT)																												
TRUCKERS -----	9,402	4.24	4.25	3.84- 4.74	-	-	-	-	11	47	326	330	967	529	954	1267	1031	726	1467	1294	185	72	10	30	156	-	-	
MANUFACTURING -----	7,103	4.11	4.09	3.74- 4.51	-	-	-	-	8	47	314	277	822	453	938	1121	908	563	1071	546	12	23	-	-	-	-	-	
NONMANUFACTURING -----	2,299	4.66	4.80	4.40- 4.96	-	-	-	-	3	-	12	53	145	76	16	146	123	163	396	748	173	49	10	30	156	-	-	
WHOLESALE TRADE -----	1,406	4.54	4.68	4.38- 4.86	-	-	-	-	-	-	6	129	42	6	89	90	145	329	404	160	-	-	-	6	-	-	-	
RETAIL TRADE -----	383	4.83	4.76	4.30- 5.60	-	-	-	-	-	-	9	1	20	10	53	33	18	55	24	5	49	10	24	72	-	-	-	
TRUCKERS, POWER (OTHER THAN FORKLIFT)																												
TRUCKERS -----	989	4.32	4.42	4.00- 4.73	-	-	-	-	3	35	67	40	55	44	217	17	177	241	12	-	7	29	3	-	42	-	-	
MANUFACTURING -----	817	4.15	4.09	3.81- 4.59	-	-	-	-	3	35	67	40	55	44	210	13	152	194	1	-	3	-	-	-	-	-	-	
NONMANUFACTURING -----	172	5.16	4.92	4.71- 5.78	-	-	-	-	-	-	-	-	-	-	7	4	25	47	11	-	4	29	3	-	42	-	-	
PUBLIC UTILITIES -----	71	5.53	6.02	4.78- 6.06	-	-	-	-	-	-	-	-	-	-	-	-	-	9	10	9	-	-	1	-	-	42	-	
WOMEN																												
JANITORS, PORTERS, AND CLEANERS																												
JANITORS -----	7,000	2.89	2.85	2.81- 2.89	80	222	467	267	308	4384	448	184	202	139	51	9	103	80	39	-	-	-	17	-	-	-	-	
MANUFACTURING -----	753	3.33	3.28	2.95- 3.64	-	-	19	5	93	99	116	114	95	88	51	9	8	41	15	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	6,247	2.84	2.85	2.81- 2.88	80	222	448	262	215	4285	332	70	107	51	-	-	95	39	24	-	-	-	17	-	-	-	-	
PUBLIC UTILITIES -----	438	3.50	3.07	3.02- 4.29	-	-	-	-	13	54	210	2	-	4	-	-	94	37	24	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	91	3.09	3.23	2.73- 3.45	-	-	1	7	10	7	4	14	11	31	-	-	2	-	-	-	-	-	17	-	-	-	-	
RETAIL TRADE -----	360	3.02	3.04	2.55- 3.41	5	27	36	34	40	24	80	23	53	20	-	-	1	-	-	-	-	-	-	-	-	-	-	
FINANCE -----	2,699	2.87	2.85	2.82- 2.88	-	-	10	1	23	2629	6	5	2	23	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	2,859	2.66	2.82	2.40- 2.86	75	194	395	217	132	1574	22	29	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PACKERS, SHIPPING																												
PACKERS -----	1,911	3.37	3.41	3.02- 3.65	-	7	6	86	73	254	303	205	344	411	32	32	32	16	102	2	5	1	-	-	-	-	-	
MANUFACTURING -----	1,077	3.32	3.31	3.01- 3.62	-	-	-	25	37	184	247	53	219	212	8	26	29	-	29	2	5	1	-	-	-	-	-	
NONMANUFACTURING -----	834	3.43	3.43	3.12- 3.72	-	7	6	61	36	70	56	152	125	199	24	6	3	16	73	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	484	3.23	3.33	3.04- 3.49	-	7	6	53	21	25	56	129	102	50	24	6	3	1	1	-	-	-	-	-	-	-	-	

* All workers were at \$6.20 to \$6.40.

See footnotes at end of tables.

Table A-5a. Custodial and material movement occupations—large establishments: Hourly earnings

(Average straight-time hourly earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Chicago, Ill., May 1973)

Sex, occupation, and industry division	Number of workers	Hourly earnings ¹			Number of workers receiving straight-time hourly earnings of—																							
		Mean ²	Median ²	Middle range ²																								
					Under \$ 2.20	2.20 and over	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20	over
MEN																												
GUARDS AND WATCHMEN -----	6,509	3.12	2.66	2.37- 3.94	250	1173	288	1108	947	136	181	150	281	262	158	216	429	255	304	192	49	52	14	31	15	18	-	
MANUFACTURING -----	1,524	4.03	4.20	3.50- 4.51	2	-	-	2	4	38	119	100	191	114	67	114	329	166	89	163	26	-	-	-	-	-	-	
NONMANUFACTURING -----	4,985	2.84	2.55	2.29- 2.79	248	1173	288	1106	943	98	62	50	90	148	91	102	100	89	215	29	23	52	14	31	15	18	-	
GUARDS																												
MANUFACTURING -----	1,147	4.17	4.27	3.68- 4.59	-	-	-	-	2	22	80	28	130	33	37	78	311	153	86	161	26	-	-	-	-	-	-	
WATCHMEN																												
MANUFACTURING -----	377	3.59	3.59	3.29- 3.92	2	-	-	2	2	16	39	72	61	81	30	36	18	13	3	2	-	-	-	-	-	-	-	
JANITORS, PORTERS, AND CLEANERS ---	8,848	3.54	3.56	3.21- 3.91	155	94	61	452	271	603	536	990	1853	1429	558	493	212	688	221	160	2	-	34	24	-	4	8	
MANUFACTURING -----	4,783	3.66	3.65	3.29- 3.97	-	-	2	98	99	214	331	759	615	1162	399	409	73	442	164	-	-	-	4	-	-	4	8	
NONMANUFACTURING -----	4,065	3.41	3.51	2.91- 3.69	155	94	59	354	172	389	205	231	1238	267	159	84	139	246	57	160	2	-	30	24	-	-	-	
PUBLIC UTILITIES -----	759	4.27	4.42	3.71- 4.73	-	-	-	-	-	2	18	24	78	101	69	16	50	180	39	158	-	-	-	24	-	-	-	
WHOLESALE TRADE -----	122	4.19	4.42	3.63- 4.53	-	-	-	-	-	-	-	-	25	19	-	3	9	58	8	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	1,316	3.29	3.21	2.92- 3.68	37	9	14	105	74	275	131	164	139	98	73	65	80	8	10	2	2	-	30	-	-	-		
SERVICES -----	1,617	3.04	3.44	2.56- 3.55	118	85	45	249	98	110	50	30	789	43	-	-	-	-	-	-	-	-	-	-	-	-	-	
LABORERS, MATERIAL HANDLING -----	11,095	4.27	4.20	3.66- 4.80	30	5	17	170	101	451	378	577	776	860	1357	818	741	940	1098	526	200	739	91	514	706	-	-	
MANUFACTURING -----	5,680	3.87	3.89	3.51- 4.25	-	-	-	30	45	369	262	479	631	626	1169	496	326	491	386	352	7	7	1	3	-	-	-	
NONMANUFACTURING -----	5,415	4.69	4.74	4.13- 5.36	30	5	17	140	56	82	116	98	145	234	188	322	415	449	712	174	193	732	90	511	706	-	-	
PUBLIC UTILITIES -----	2,248	5.16	5.25	4.72- 5.82	-	-	-	-	-	-	37	23	5	5	12	12	80	296	365	3	6	675	23	-	706	-	-	
RETAIL TRADE -----	2,623	4.34	4.34	3.70- 5.18	30	5	17	133	53	82	76	75	125	200	176	154	328	128	173	48	185	57	67	511	-	-	-	
ORDER FILLERS -----	3,343	4.34	4.49	3.74- 4.80	-	-	2	23	21	26	141	269	204	296	257	311	96	91	762	282	62	75	47	377	-	-	1	
MANUFACTURING -----	1,563	3.97	3.83	3.42- 4.53	-	-	-	-	1	18	103	249	185	186	178	193	28	66	121	60	61	67	36	10	-	-	1	
NONMANUFACTURING -----	1,780	4.66	4.71	4.30- 4.88	-	-	2	23	20	8	38	20	19	110	79	118	68	25	641	222	1	8	11	367	-	-	-	
WHOLESALE TRADE -----	1,003	4.57	4.69	4.60- 4.78	-	-	-	-	-	-	3	3	50	49	102	23	13	559	200	-	-	1	-	-	-	-	-	
RETAIL TRADE -----	734	4.77	5.60	3.81- 5.65	-	-	2	23	20	7	37	17	16	60	30	16	45	12	56	7	1	8	10	367	-	-	-	
PACKERS, SHIPPING -----	1,850	4.06	4.04	3.51- 4.74	2	-	1	11	34	115	114	109	180	187	91	236	51	3	554	67	4	39	20	5	13	7	7	
MANUFACTURING -----	1,343	3.90	3.78	3.38- 4.70	-	-	-	8	26	111	101	101	174	184	89	172	15	2	208	57	4	39	20	5	13	7	7	
NONMANUFACTURING -----	507	4.48	4.72	4.32- 4.76	2	-	1	3	8	4	13	8	6	3	2	64	36	1	346	10	-	-	-	-	-	-	-	
RETAIL TRADE -----	114	3.76	4.08	3.18- 4.33	2	-	1	3	8	4	13	8	6	3	2	24	33	1	6	-	-	-	-	-	-	-	-	
RECEIVING CLERKS -----	1,027	4.52	4.57	4.13- 5.02	-	-	2	12	4	13	21	13	20	28	52	144	131	91	80	131	178	27	1	78	-	-	1	
MANUFACTURING -----	365	4.34	4.29	4.08- 4.83	-	-	-	-	2	9	4	2	6	18	26	88	50	52	17	72	1	18	-	-	-	-	-	
NONMANUFACTURING -----	662	4.63	4.79	4.27- 5.06	-	-	2	12	2	4	17	11	14	10	26	56	81	39	63	59	177	9	1	78	-	-	1	
RETAIL TRADE -----	507	4.56	4.67	4.12- 5.07	-	-	2	12	1	4	15	11	13	9	25	50	78	22	63	43	70	9	1	78	-	-	1	
SHIPPING CLERKS -----	380	4.53	4.52	4.31- 4.89	-	-	-	-	-	-	2	9	3	9	24	36	57	86	34	73	30	2	1	12	-	-	2	
MANUFACTURING -----	161	4.45	4.48	4.31- 4.58	-	-	-	-	-	-	1	1	6	-	29	12	82	8	13	8	-	1	-	-	-	-	-	
NONMANUFACTURING -----	219	4.60	4.75	4.31- 4.95	-	-	-	-	-	-	2	8	2	3	24	7	45	4	26	60	22	2	-	12	-	-	2	
RETAIL TRADE -----	149	4.48	4.37	3.99- 4.85	-	-	-	-	-	2	8	2	3	24	3	45	2	23	4	19	2	-	10	-	-	-	2	
SHIPPING AND RECEIVING CLERKS -----	359	4.33	4.29	4.00- 4.81	-	-	-	-	1	3	30	3	10	7	35	64	39	27	46	49	20	11	14	-	-	-	-	
MANUFACTURING -----	230	4.18	4.14	3.95- 4.74	-	-	-	-	-	-	28	2	4	4	33	58	14	14	41	30	2	-	-	-	-	-	-	
NONMANUFACTURING -----	129	4.61	4.75	4.24- 5.07	-	-	-	-	1	3	2	1	6	3	2	6	25	13	5	19	18	11	14	-	-	-	-	
RETAIL TRADE -----	64	4.64	4.81	4.26- 4.98	-	-	-	-	-	3	-	-	4	-	-	-	16	4	5	19	1	-	12	-	-	-	-	
TRUCKDRIVERS -----	6,694	5.76	5.88	5.65- 6.13	-	-	-	-	-	-	12	2	4	3	35	56	103	78	279	121	86	468	196	1056	1394	2416	385	
MANUFACTURING -----	1,529	5.41	5.66	5.21- 5.85	-	-	-	-	-	-	11	-	-	-	26	47	84	31	79	29	75	338	10	78	710	6	5	
NONMANUFACTURING -----	5,165	5.86	6.05	5.73- 6.15	-	-	-	-	-	-	-	-	-	-	1	2	4	3	9	9	19	47	200	92	11	130	186	
PUBLIC UTILITIES -----	2,843	5.78	5.84	5.69- 6.14	-	-	-	-	-	-	1	2	2	2	5	7	8	45	198	70	5	-	40	947	241	1270	380	
RETAIL TRADE -----	1,531	5.88	6.02	5.90- 6.12	-	-	-	-	-	-	-	-	-	-	2	1	3	-	1	-	-	22	6	130	132	3	379	

See footnotes at end of tables.

Table A-5a. Custodial and material movement occupations—large establishments: Hourly earnings—Continued

(Average straight-time hourly earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Chicago, Ill., May 1973)

Sex, occupation, and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																					
		Mean ²	Median ²	Middle range ²	Under \$ and over \$																					
					2.20	2.30	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	6.20
MEN - CONTINUED																										
TRUCKDRIVERS - CONTINUED																										
TRUCKDRIVERS, LIGHT (UNDER 1-1/2 TONS) -----	1,490	\$ 5.70	\$ 5.78	\$ 5.71- 5.84	-	-	-	-	-	11	-	-	-	5	11	7	11	10	11	19	-	-	735	664	6	-
NONMANUFACTURING -----	790	5.65	5.72	5.66- 5.76	-	-	-	-	-	-	-	-	-	5	3	3	11	4	4	5	-	-	735	14	6	-
TRUCKDRIVERS, MEDIUM (1-1/2 TO AND INCLUDING 4 TONS) -----	834	5.39	5.47	4.78- 6.01	-	-	-	-	1	2	4	3	17	5	-	25	183	-	56	24	132	123	26	233	-	-
MANUFACTURING -----	121	5.11	5.06	5.01- 5.73	-	-	-	-	-	-	-	-	14	-	-	9	4	-	56	6	-	10	16	6	-	-
NONMANUFACTURING -----	713	5.44	5.50	4.78- 6.02	-	-	-	-	1	2	4	3	3	5	-	16	179	-	-	18	132	113	10	227	-	-
PUBLIC UTILITIES -----	299	4.98	4.77	4.73- 5.62	-	-	-	-	1	2	2	2	2	5	-	16	177	-	-	-	-	92	-	-	-	-
TRUCKDRIVERS, HEAVY (OVER 4 TONS, TRAILER TYPE) -----	3,078	5.96	6.12	5.88- 6.18	-	-	-	-	-	-	-	-	-	-	1	15	13	17	100	11	144	21	187	649	1535	385
MANUFACTURING -----	205	5.38	5.61	4.98- 5.77	-	-	-	-	-	-	-	-	-	-	-	15	12	14	12	5	32	6	63	41	-	5
NONMANUFACTURING -----	2,873	6.00	6.13	5.92- 6.18	-	-	-	-	-	-	-	-	-	-	1	-	1	3	88	6	112	15	124	608	1535	*380
PUBLIC UTILITIES -----	1,250	5.98	6.12	5.84- 6.16	-	-	-	-	-	-	-	-	-	-	1	-	1	3	66	-	-	15	123	241	800	-
TRUCKDRIVERS, HEAVY (OVER 4 TONS, OTHER THAN TRAILER TYPE) -----	452	5.62	6.05	5.48- 6.12	-	-	-	-	-	-	-	-	-	12	10	67	4	-	-	-	-	33	11	5	310	-
TRUCKERS, POWER (FORKLIFT) -----	5,415	4.30	4.31	3.94- 4.75	-	-	-	-	8	47	131	199	321	242	622	917	430	444	1084	713	25	72	10	30	120	-
MANUFACTURING -----	4,603	4.20	4.19	3.89- 4.72	-	-	-	-	8	47	131	190	320	222	610	802	394	421	897	526	12	23	-	-	-	-
NONMANUFACTURING -----	812	4.82	4.80	4.51- 5.21	-	-	-	-	-	-	-	9	1	20	12	115	36	23	187	187	13	49	10	30	120	-
WHOLESALE TRADE -----	365	4.65	4.79	4.66- 4.85	-	-	-	-	-	-	-	-	-	-	2	66	3	5	120	163	-	-	-	6	-	-
RETAIL TRADE -----	379	4.84	4.77	4.31- 5.61	-	-	-	-	-	-	-	9	1	20	10	49	33	18	55	24	5	49	10	24	72	-
TRUCKERS, POWER (OTHER THAN FORKLIFT) -----	807	4.34	4.46	4.02- 4.74	-	-	-	-	3	10	17	40	55	44	176	9	161	241	12	-	7	29	3	-	-	-
MANUFACTURING -----	678	4.24	4.23	4.00- 4.71	-	-	-	-	3	10	17	40	55	44	170	5	136	194	1	-	3	-	-	-	-	-
NONMANUFACTURING -----	129	4.86	4.76	4.59- 5.35	-	-	-	-	-	-	-	-	-	-	6	4	25	47	11	-	4	29	3	-	-	-
WOMEN																										
JANITORS, PORTERS, AND CLEANERS -----	2,754	3.07	2.89	2.82- 3.24	135	77	33	72	115	1187	408	155	158	128	47	9	95	79	39	-	-	-	17	-	-	-
MANUFACTURING -----	624	3.40	3.35	3.04- 3.66	-	-	-	4	34	99	105	99	95	77	47	9	-	40	15	-	-	-	-	-	-	-
NONMANUFACTURING -----	2,130	2.98	2.87	2.81- 3.05	135	77	33	68	81	1088	303	56	63	51	-	-	95	39	24	-	-	-	17	-	-	-
PUBLIC UTILITIES -----	438	3.50	3.07	3.02- 4.29	-	-	-	-	13	54	210	2	-	4	-	-	94	37	24	-	-	-	-	-	-	-
RETAIL TRADE -----	348	3.05	3.06	2.58- 3.43	27	13	18	34	40	22	80	23	53	20	-	-	1	-	-	-	-	-	17	-	-	-
PACKERS, SHIPPING -----	1,429	3.43	3.43	3.05- 3.66	7	3	3	8	36	202	251	182	219	296	32	32	32	16	102	2	5	1	-	-	-	-
MANUFACTURING -----	869	3.37	3.34	3.02- 3.65	-	-	-	-	15	177	195	53	117	212	8	26	29	-	29	2	5	1	-	-	-	-
NONMANUFACTURING -----	560	3.52	3.44	3.23- 3.72	7	3	3	8	21	25	56	129	102	84	24	6	3	16	73	-	-	-	-	-	-	-
RETAIL TRADE -----	439	3.30	3.36	3.16- 3.52	7	3	3	8	21	25	56	129	102	90	24	6	3	1	1	-	-	-	-	-	-	-

* All workers were at \$6.20 to \$6.40.

See footnotes at end of tables.

Footnotes

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

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

³ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.

Appendix. Occupational Descriptions

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

OFFICE

BILLER, MACHINE

Prepares statements, bills, and invoices on a machine other than an ordinary or electro-matic 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:

Class A. Biller, machine (billing machine). Uses a special billing machine (combination typing and adding machine) to prepare bills and invoices from customers' purchase orders, internally prepared orders, shipping memorandums, etc. Usually involves application of pre-determined 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.

Class B. Biller, machine (bookkeeping machine). Uses a bookkeeping machine (with or without a 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 (with or without a typewriter keyboard) to keep a record of business transactions.

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

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

CLERK, ACCOUNTING

Performs one or more accounting clerical tasks such as posting to registers and ledgers; reconciling bank accounts; verifying the internal consistency, completeness, and mathematical accuracy of accounting documents; assigning prescribed accounting distribution codes; examining and verifying for clerical accuracy various types of reports, lists, calculations, posting, etc.; or preparing simple or assisting in preparing more complicated journal vouchers. May work in either a manual or automated accounting system.

The work requires a knowledge of clerical methods and office practices and procedures which relates to the clerical processing and recording of transactions and accounting information. With experience, the worker typically becomes familiar with the bookkeeping and accounting terms and procedures used in the assigned work, but is not required to have a knowledge of the formal principles of bookkeeping and accounting.

NOTE: The Bureau has discontinued collecting data for comptometer operators.

CLERK, ACCOUNTING—Continued

Positions are classified into levels on the basis of the following definitions.

Class A. Under general supervision, performs accounting clerical operations which require the application of experience and judgment, for example, clerically processing complicated or nonrepetitive accounting transactions, selecting among a substantial variety of prescribed accounting codes and classifications, or tracing transactions through previous accounting actions to determine source of discrepancies. May be assisted by one or more class B accounting clerks.

Class B. Under close supervision, following detailed instructions and standardized procedures, performs one or more routine accounting clerical operations, such as posting to ledgers, cards, or worksheets where identification of items and locations of postings are clearly indicated; checking accuracy and completeness of standardized and repetitive records or accounting documents; and coding documents using a few prescribed accounting codes.

CLERK, FILE

Files, classifies, and retrieves material in an established filing system. May perform clerical and manual tasks required to maintain files. Positions are classified into levels on the basis of the following definitions.

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

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

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

CLERK, ORDER

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

CLERK, PAYROLL

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

KEYPUNCH OPERATOR

Operates a keypunch machine to record or verify alphabetic and/or numeric data on tabulating cards or on tape.

Positions are classified into levels on the basis of the following definitions.

Class A. Work requires the application of experience and judgment in selecting procedures to be followed and in searching for, interpreting, selecting, or coding items to be keypunched from a variety of source documents. On occasion may also perform some routine keypunch work. May train inexperienced keypunch operators.

Class B. Work is routine and repetitive. Under close supervision or following specific procedures or instructions, works from various standardized source documents which have been coded, and follows specified procedures which have been prescribed in detail and require little or no selecting, coding, or interpreting of data to be recorded. Refers to supervisor problems arising from erroneous items or codes or missing information.

MESSENGER (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. Exclude positions that require operation of a motor vehicle as a significant duty.

SECRETARY

Assigned as personal secretary, normally to one individual. Maintains a close and highly responsive relationship to the day-to-day work of the supervisor. Works fairly independently receiving a minimum of detailed supervision and guidance. Performs varied clerical and secretarial duties, usually including most of the following:

- a. Receives telephone calls, personal callers, and incoming mail, answers routine inquiries, and routes technical inquiries to the proper persons;
- b. Establishes, maintains, and revises the supervisor's files;
- c. Maintains the supervisor's calendar and makes appointments as instructed;
- d. Relays messages from supervisor to subordinates;
- e. Reviews correspondence, memorandums, and reports prepared by others for the supervisor's signature to assure procedural and typographic accuracy;
- f. Performs stenographic and typing work.

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

Exclusions

Not all positions that are titled "secretary" possess the above characteristics. Examples of positions which are excluded from the definition are as follows:

- a. Positions which do not meet the "personal" secretary concept described above;
- b. Stenographers not fully trained in secretarial type duties;
- c. Stenographers serving as office assistants to a group of professional, technical, or managerial persons;
- d. Secretary positions in which the duties are either substantially more routine or substantially more complex and responsible than those characterized in the definition;
- e. Assistant type positions which involve more difficult or more responsible technical, administrative, supervisory, or specialized clerical duties which are not typical of secretarial work.

SECRETARY—Continued

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

Class A

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

Class B

1. Secretary to the chairman of the board or president of a company that employs, in all, fewer than 100 persons; or
2. Secretary to a corporate officer (other than the chairman of the board or president) of a company that employs, in all, over 100 but fewer than 5,000 persons; or
3. Secretary to the head, immediately below the officer level, over either a major corporate-wide functional activity (e.g., marketing, research, operations, industrial relations, etc.) or a major geographic or organizational segment (e.g., a regional headquarters; a major division) of a company that employs, in all, over 5,000 but fewer than 25,000 employees; or
4. Secretary to the head of an individual plant, factory, etc. (or other equivalent level of official) that employs, in all, over 5,000 persons; or
5. Secretary to the head of a large and important organizational segment (e.g., a middle management supervisor of an organizational segment often involving as many as several hundred persons) or a company that employs, in all, over 25,000 persons.

Class C

1. Secretary to an executive or managerial person whose responsibility is not equivalent to one of the specific level situations in the definition for class B, but whose organizational unit normally numbers at least several dozen employees and is usually divided into organizational segments which are often, in turn, further subdivided. In some companies, this level includes a wide range of organizational echelons; in others, only one or two; or
2. Secretary to the head of an individual plant, factory, etc. (or other equivalent level of official) that employs, in all, fewer than 5,000 persons.

Class D

1. Secretary to the supervisor or head of a small organizational unit (e.g., fewer than about 25 or 30 persons); or
2. Secretary to a nonsupervisory staff specialist, professional employee, administrative officer, or assistant, skilled technician or expert. (NOTE: Many companies assign stenographers, rather than secretaries as described above, to this level of supervisory or nonsupervisory worker.)

STENOGRAPHER

Primary duty is to take dictation using shorthand, and to transcribe the dictation. May also type from written copy. May operate from a stenographic pool. May occasionally transcribe from voice recordings (if primary duty is transcribing from recordings, see Transcribing-Machine Operator, General).

NOTE: This job is distinguished from that of a secretary in that a secretary normally works in a confidential relationship with only one manager or executive and performs more responsible and discretionary tasks as described in the secretary job definition.

Stenographer, General

Dictation involves a normal routine vocabulary. May maintain files, keep simple records, or perform other relatively routine clerical tasks.

STENOGRAPHER—Continued

Stenographer, Senior

Dictation involves a varied technical or specialized vocabulary such as in legal briefs or reports on scientific research. May also set up and maintain files, keep records, etc.

OR

Performs stenographic duties requiring significantly greater independence and responsibility than stenographer, general, as evidenced by the following: Work requires a high degree of stenographic speed and accuracy; a thorough working knowledge of general business and office procedure; and of the specific business operations, organization, policies, procedures, files, workflow, etc. Uses this knowledge in performing stenographic duties and responsible clerical tasks such as maintaining followup files; assembling material for reports, memorandums, and letters; composing simple letters from general instructions; reading and routing incoming mail; and answering routine questions, etc.

SWITCHBOARD OPERATOR

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

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

These classifications do not include switchboard operators in telephone companies who assist customers in placing calls.

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 (Electric Accounting Machine Operator)

Operates one or a variety of machines such as the tabulator, calculator, collator, interpreter, sorter, reproducing punch, etc. Excluded from this definition are working supervisors. Also excluded are operators of electronic digital computers, even though they may also operate EAM equipment.

PROFESSIONAL AND TECHNICAL

COMPUTER OPERATOR

Monitors and operates the control console of a digital computer to process data according to operating instructions, usually prepared by a programmer. Work includes most of the following: Studies instructions to determine equipment setup and operations; loads equipment with required items (tape reels, cards, etc.); switches necessary auxiliary equipment into circuit, and starts and operates computer; makes adjustments to computer to correct operating problems and meet special conditions; reviews errors made during operation and determines cause or refers problem to supervisor or programmer; and maintains operating records. May test and assist in correcting program.

For wage study purposes, computer operators are classified as follows:

Class A. Operates independently, or under only general direction, a computer running programs with most of the following characteristics: New programs are frequently tested and introduced; scheduling requirements are of critical importance to minimize downtime; the programs are of complex design so that identification of error source often requires a working knowledge of the total program, and alternate programs may not be available. May give direction and guidance to lower level operators.

Class B. Operates independently, or under only general direction, a computer running programs with most of the following characteristics: Most of the programs are established production runs, typically run on a regularly recurring basis; there is little or no testing

TABULATING-MACHINE OPERATOR (Electric Accounting Machine Operator)—Continued

Positions are classified into levels on the basis of the following definitions.

Class A. Performs complete reporting and tabulating assignments including devising difficult control panel wiring under general supervision. Assignments typically involve a variety of long and complex reports which often are irregular or nonrecurring, requiring some planning of the nature and sequencing of operations, and the use of a variety of machines. Is typically involved in training new operators in machine operations or training lower level operators in wiring from diagrams and in the operating sequences of long and complex reports. Does not include positions in which wiring responsibility is limited to selection and insertion of prewired boards.

Class B. Performs work according to established procedures and under specific instructions. Assignments typically involve complete but routine and recurring reports or parts of larger and more complex reports. Operates more difficult tabulating or electrical accounting machines such as the tabulator and calculator, in addition to the simpler machines used by class C operators. May be required to do some wiring from diagrams. May train new employees in basic machine operations.

Class C. Under specific instructions, operates simple tabulating or electrical accounting machines such as the sorter, interpreter, reproducing punch, collator, etc. Assignments typically involve portions of a work unit, for example, individual sorting or collating runs, or repetitive operations. May perform simple wiring from diagrams, and do some filing work.

TRANSCRIBING-MACHINE OPERATOR, GENERAL

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

TYPESETTER

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

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

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

COMPUTER OPERATOR—Continued

of new programs required; alternate programs are provided in case original program needs major change or cannot be corrected within a reasonable time. In common error situations, diagnoses cause and takes corrective action. This usually involves applying previously programmed corrective steps, or using standard correction techniques.

OR

Operates under direct supervision a computer running programs or segments of programs with the characteristics described for class A. May assist a higher level operator by independently performing less difficult tasks assigned, and performing difficult tasks following detailed instructions and with frequent review of operations performed.

Class C. Works on routine programs under close supervision. Is expected to develop working knowledge of the computer equipment used and ability to detect problems involved in running routine programs. Usually has received some formal training in computer operation. May assist higher level operator on complex programs.

COMPUTER PROGRAMMER, BUSINESS

Converts statements of business problems, typically prepared by a systems analyst, into a sequence of detailed instructions which are required to solve the problems by automatic data processing equipment. Working from charts or diagrams, the programmer develops the precise instructions which, when entered into the computer system in coded language, cause the manipulation

COMPUTER PROGRAMER, BUSINESS—Continued

of data to achieve desired results. Work involves most of the following: Applies knowledge of computer capabilities, mathematics, logic employed by computers, and particular subject matter involved to analyze charts and diagrams of the problem to be programmed; develops sequence of program steps; writes detailed flow charts to show order in which data will be processed; converts these charts to coded instructions for machine to follow; tests and corrects programs; prepares instructions for operating personnel during production run; analyzes, reviews, and alters programs to increase operating efficiency or adapt to new requirements; maintains records of program development and revisions. (NOTE: Workers performing both systems analysis and programming should be classified as systems analysts if this is the skill used to determine their pay.)

Does not include employees primarily responsible for the management or supervision of other electronic data processing employees, or programers primarily concerned with scientific and/or engineering problems.

For wage study purposes, programers are classified as follows:

Class A. Works independently or under only general direction on complex problems which require competence in all phases of programing concepts and practices. Working from diagrams and charts which identify the nature of desired results, major processing steps to be accomplished, and the relationships between various steps of the problem solving routine; plans the full range of programing actions needed to efficiently utilize the computer system in achieving desired end products.

At this level, programing is difficult because computer equipment must be organized to produce several interrelated but diverse products from numerous and diverse data elements. A wide variety and extensive number of internal processing actions must occur. This requires such actions as development of common operations which can be reused, establishment of linkage points between operations, adjustments to data when program requirements exceed computer storage capacity, and substantial manipulation and resequencing of data elements to form a highly integrated program.

May provide functional direction to lower level programers who are assigned to assist.

Class B. Works independently or under only general direction on relatively simple programs, or on simple segments of complex programs. Programs (or segments) usually process information to produce data in two or three varied sequences or formats. Reports and listings are produced by refining, adapting, arraying, or making minor additions to or deletions from input data which are readily available. While numerous records may be processed, the data have been refined in prior actions so that the accuracy and sequencing of data can be tested by using a few routine checks. Typically, the program deals with routine record-keeping type operations.

OR

Works on complex programs (as described for class A) under close direction of a higher level programer or supervisor. May assist higher level programer by independently performing less difficult tasks assigned, and performing more difficult tasks under fairly close direction.

May guide or instruct lower level programers.

Class C. Makes practical applications of programing practices and concepts usually learned in formal training courses. Assignments are designed to develop competence in the application of standard procedures to routine problems. Receives close supervision on new aspects of assignments; and work is reviewed to verify its accuracy and conformance with required procedures.

COMPUTER SYSTEMS ANALYST, BUSINESS

Analyzes business problems to formulate procedures for solving them by use of electronic data processing equipment. Develops a complete description of all specifications needed to enable programers to prepare required digital computer programs. Work involves most of the following: Analyzes subject-matter operations to be automated and identifies conditions and criteria required to achieve satisfactory results; specifies number and types of records, files, and documents to be used; outlines actions to be performed by personnel and computers in sufficient detail for presentation to management and for programing (typically this involves preparation of work and data flow charts); coordinates the development of test problems and participates in trial runs of new and revised systems; and recommends equipment changes to obtain more effective overall operations. (NOTE: Workers performing both systems analysis and programing should be classified as systems analysts if this is the skill used to determine their pay.)

Does not include employees primarily responsible for the management or supervision of other electronic data processing employees, or systems analysts primarily concerned with scientific or engineering problems.

For wage study purposes, systems analysts are classified as follows:

Class A. Works independently or under only general direction on complex problems involving all phases of systems analysis. Problems are complex because of diverse sources of input data and multiple-use requirements of output data. (For example, develops an integrated production scheduling, inventory control, cost analysis, and sales analysis record in which

COMPUTER SYSTEMS ANALYST, BUSINESS—Continued

every item of each type is automatically processed through the full system of records and appropriate followup actions are initiated by the computer.) Confers with persons concerned to determine the data processing problems and advises subject-matter personnel on the implications of new or revised systems of data processing operations. Makes recommendations, if needed, for approval of major systems installations or changes and for obtaining equipment.

May provide functional direction to lower level systems analysts who are assigned to assist.

Class B. Works independently or under only general direction on problems that are relatively uncomplicated to analyze, plan, program, and operate. Problems are of limited complexity because sources of input data are homogeneous and the output data are closely related. (For example, develops systems for maintaining depositor accounts in a bank, maintaining accounts receivable in a retail establishment, or maintaining inventory accounts in a manufacturing or wholesale establishment.) Confers with persons concerned to determine the data processing problems and advises subject-matter personnel on the implications of the data processing systems to be applied.

OR

Works on a segment of a complex data processing scheme or system, as described for class A. Works independently on routine assignments and receives instruction and guidance on complex assignments. Work is reviewed for accuracy of judgment, compliance with instructions, and to insure proper alinement with the overall system.

Class C. Works under immediate supervision, carrying out analyses as assigned, usually of a single activity. Assignments are designed to develop and expand practical experience in the application of procedures and skills required for systems analysis work. For example, may assist a higher level systems analyst by preparing the detailed specifications required by programers from information developed by the higher level analyst.

DRAFTSMAN

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

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

Class C. Prepares detail drawings of single units or parts for engineering, construction, manufacturing, or repair purposes. Types of drawings prepared include isometric projections (depicting three dimensions in accurate scale) and sectional views to clarify positioning of components and convey needed information. Consolidates details from a number of sources and adjusts or transposes scale as required. Suggested methods of approach, applicable precedents, and advice on source materials are given with initial assignments. Instructions are less complete when assignments recur. Work may be spot-checked during progress.

DRAFTSMAN-TRACER

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

AND/OR

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

ELECTRONICS TECHNICIAN

Works on various types of electronic equipment or systems by performing one or more of the following operations: Modifying, installing, repairing, and overhauling. These operations require the performance of most or all of the following tasks: Assembling, testing, adjusting, calibrating, tuning, and alining.

Work is nonrepetitive and requires a knowledge of the theory and practice of electronics pertaining to the use of general and specialized electronic test equipment; trouble analysis; and the operation, relationship, and alinement of electronic systems, subsystems, and circuits having a variety of component parts.

ELECTRONICS TECHNICIAN—Continued

Electronic equipment or systems worked on typically include one or more of the following: Ground, vehicle, or airborne radio communications systems, relay systems, navigation aids; airborne or ground radar systems; radio and television transmitting or recording systems; electronic computers; missile and spacecraft guidance and control systems; industrial and medical measuring, indicating and controlling devices; etc.

(Exclude production assemblers and testers, craftsmen, draftsmen, designers, engineers, and repairmen of such standard electronic equipment as office machines, radio and television receiving sets.)

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; and selecting materials necessary for the work. In general, the work of the maintenance carpenter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

ELECTRICIAN, MAINTENANCE

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

ENGINEER, STATIONARY

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

FIREMAN, STATIONARY BOILER

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

HELPER, MAINTENANCE TRADES

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

MACHINE-TOOL OPERATOR, TOOLROOM

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

NURSE, INDUSTRIAL (Registered)

A registered nurse who gives nursing service under general medical direction to ill or injured employees or other persons who become ill or suffer an accident on the premises of a factory or other establishment. Duties involve a combination of the following: Giving first aid to the ill or injured; attending to subsequent dressing of employees' injuries; keeping records of patients treated; preparing accident reports for compensation or other purposes; assisting in physical examinations and health evaluations of applicants and employees; and planning and carrying out programs involving health education, accident prevention, evaluation of plant environment, or other activities affecting the health, welfare, and safety of all personnel. Nursing supervisors or head nurses in establishments employing more than one nurse are excluded.

MACHINIST, MAINTENANCE

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

MECHANIC, AUTOMOTIVE (Maintenance)

Repairs automobiles, buses, motortrucks, and tractors of an establishment. Work involves most of the following: Examining automotive equipment to diagnose source of trouble; disassembling equipment and performing repairs that involve the use of such handtools as wrenches, gages, drills, or specialized equipment in disassembling or fitting parts; replacing broken or defective parts from stock; grinding and adjusting valves; reassembling and installing the various assemblies in the vehicle and making necessary adjustments; and aligning 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.

This classification does not include mechanics who repair customers' vehicles in automobile repair shops.

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; aligning and balancing of equipment; selecting standard tools, equipment, and parts to be used; and installing and maintaining in good order power transmission equipment such as drives and speed reducers. In general, the millwright's work normally requires a rounded training and experience in the trade acquired through a formal apprenticeship or equivalent training and experience.

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

PAINTER, MAINTENANCE—Continued

holes and interstices; and applying paint with spray gun or brush. May mix colors, oils, white lead, and other paint ingredients to obtain proper color or consistency. In general, the work of the maintenance painter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

PIPEFITTER, MAINTENANCE

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

SHEET-METAL WORKER, MAINTENANCE

Fabricates, installs, and maintains in good repair the sheet-metal equipment and fixtures (such as machine guards, grease pans, shelves, lockers, tanks, ventilators, chutes, ducts, metal roofing) of an establishment. Work involves most of the following: Planning and laying out all

SHEET-METAL WORKER, MAINTENANCE—Continued

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

TOOL AND DIE MAKER

Constructs and repairs machine-shop tools, gages, jigs, fixtures or dies for forgings, punching, and other metal-forming work. Work involves most of the following: Planning and laying out of work from models, blueprints, drawings, or other oral and written specifications; using a variety of tool and die maker's handtools and precision measuring instruments; understanding of the working properties of common metals and alloys; setting up and operating of machine tools and related equipment; making necessary shop computations relating to dimensions of work, speeds, feeds, and tooling of machines; heat-treating of metal parts during fabrication as well as of finished tools and dies to achieve required qualities; working to close tolerances; fitting and assembling of parts to prescribed tolerances and allowances; and selecting appropriate materials, tools, and processes. In general, the tool and die maker's work requires a rounded training in machine-shop and toolroom practice usually acquired through a formal apprenticeship or equivalent training and experience.

For cross-industry wage study purposes, tool and die makers in tool and die jobbing shops are excluded from this classification.

CUSTODIAL AND MATERIAL MOVEMENT

GUARD AND WATCHMAN

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

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

JANITOR, PORTER, OR CLEANER

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

LABORER, MATERIAL HANDLING

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

ORDER FILLER

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

PACKER, SHIPPING

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

SHIPPING AND RECEIVING CLERK

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

For wage study purposes, workers are classified as follows:

Receiving clerk
Shipping clerk
Shipping and receiving clerk

TRUCKDRIVER

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

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

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

TRUCKER, POWER

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

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

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

Available On Request—

The following areas are surveyed periodically for use in administering the Service Contract Act of 1965. Copies of public releases are or will be available at no cost while supplies last from any of the BLS regional offices shown on the back cover.

Alamogordo—Las Cruces, N. Mex.
Alaska
Albany, Ga.
Amarillo, Tex.
Atlantic City, N.J.
Augusta, Ga.—S.C.
Bakersfield, Calif.
Baton Rouge, La.
Biloxi, Gulfport, and Pascagoula, Miss.
Bridgeport, Norwalk, and Stamford, Conn.
Cedar Rapids, Iowa
Champaign—Urbana, Ill.
Charleston, S.C.
Clarksville, Tenn., and Hopkinsville, Ky.
Colorado Springs, Colo.
Columbia, S.C.
Columbus, Ga.—Ala.
Corpus Christi, Tex.
Crane, Ind.
Dothan, Ala.
Duluth—Superior, Minn.—Wis.
El Paso, Tex.
Eugene—Springfield, Oreg.
Fargo—Moorhead, N. Dak.—Minn.
Fayetteville, N.C.
Fitchburg—Leominster, Mass.
Frederick—Hagerstown, Md.—Pa.—W. Va.
Fresno, Calif.
Grand Forks, N. Dak.
Grand Island—Hastings, Nebr.
Greenboro—Winston Salem—High Point, N.C.
Harrisburg, Pa.
Knoxville, Tenn.

Laredo, Tex.
Las Vegas, Nev.
Lower Eastern Shore, Md.—Va.
Macon, Ga.
Marquette, Escanaba, Sault Ste.
Marie, Mich.
Melbourne—Titusville—Cocoa, Fla.
(Brevard Co.)
Meridian, Miss.
Middlesex, Monmouth, Ocean, and Somerset
Cos., N.J.
Mobile, Ala., and Pensacola, Fla.
Montgomery, Ala.
Nashville, Tenn.
Northeastern Maine
Norwich—Groton—New London, Conn.
Ogden, Utah
Orlando, Fla.
Oxnard—Simi Valley—Ventura, Calif.
Panama City, Fla.
Portsmouth, N.H.—Maine—Mass.
Pueblo, Colo.
Reno, Nev.
Sacramento, Calif.
Santa Barbara—Santa Maria—Lompoc, Calif.
Sherman—Denison, Tex.
Shreveport, La.
Springfield—Chicopee—Holyoke, Mass.—Conn.
Topeka, Kans.
Tucson, Ariz.
Vallejo—Fairfield—Napa, Calif.
Wilmington, Del.—N.J.—Md.
Yuma, Ariz.

Reports for the following surveys conducted in the prior year but since discontinued are also available:

Alpena, Standish, and Tawas City, Mich.
Asheville, N.C.
Austin, Tex.*
Fort Smith, Ark.—Okla.
Great Falls, Mont.

Lexington, Ky.*
Pine Bluff, Ark.
Stockton, Calif.
Tacoma, Wash.
Wichita Falls, Tex.

* Expanded to an area wage survey in fiscal year 1973. See inside back cover.

The twelfth annual report on salaries for accountants, auditors, chief accountants, attorneys, job analysts, directors of personnel, buyers, chemists, engineers, engineering technicians, draftsmen, and clerical employees. Order as BLS Bulletin 1764, National Survey of Professional, Administrative, Technical, and Clerical Pay, June 1972, \$1.25 a copy, from any of the BLS regional sales offices shown on the back cover, or from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402.

Area Wage Surveys

A list of the latest available bulletins is presented below. A directory of area wage studies including more limited studies conducted at the request of the Employment Standards Administration of the Department of Labor is available on request. Bulletins may be purchased from any of the BLS regional sales offices shown on the back cover, or from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402.

<u>Area</u>	<u>Bulletin number and price</u>	<u>Area</u>	<u>Bulletin number and price</u>
Akron, Ohio, Dec. 1972	1775-36, 40 cents	Milwaukee, Wis., May 1973	1775-83, 40 cents
Albany-Schenectady-Troy, N.Y., Mar. 1973 ¹	1775-62, 55 cents	Minneapolis-St. Paul, Minn., Jan. 1973	1775-49, 55 cents
Albuquerque, N. Mex., Mar. 1973	1775-52, 40 cents	Muskegon-Muskegon Heights, Mich., June 1972 ¹	1725-85, 35 cents
Allentown-Bethlehem-Easton, Pa.-N.J., May 1972 ¹	1725-87, 35 cents	Newark and Jersey City, N.J., Jan. 1973	1775-50, 55 cents
Atlanta, Ga., May 1973	1775-79, 40 cents	New Haven, Conn., Jan. 1973	1775-46, 40 cents
Austin, Tex., Dec. 1972 ¹	1775-42, 40 cents	New Orleans, La., Jan. 1973	1775-47, 40 cents
Baltimore, Md., Aug. 1972 ¹	1775-20, 75 cents	New York, N.Y., Apr. 1972 ¹	1725-90, 50 cents
Beaumont-Port Arthur-Orange, Tex., May 1973 ¹	1775-82, 40 cents	Norfolk-Virginia Beach-Portsmouth and Newport News-Hampton, Va., Jan. 1973 ¹	1775-51, 50 cents
Binghamton, N.Y., July 1972	1775-5, 45 cents	Oklahoma City, Okla., July 1972	1775-6, 45 cents
Birmingham, Ala., Mar. 1973 ¹	1775-65, 55 cents	Omaha, Nebr.-Iowa, Sept. 1972	1775-16, 40 cents
Boise City, Idaho, Nov. 1972 ¹	1775-32, 50 cents	Paterson-Clifton-Passaic, N.J., June 1972 ¹	1725-88, 40 cents
Boston, Mass., Aug. 1972 ¹	1775-13, 75 cents	Philadelphia, Pa.-N.J., Nov. 1972	1775-45, 55 cents
Buffalo, N.Y., Oct. 1972 ¹	1775-18, 65 cents	Phoenix, Ariz., June 1972 ¹	1725-94, 55 cents
Burlington, Vt., Dec. 1972 ¹	1775-28, 50 cents	Pittsburgh, Pa., Jan. 1973 ¹	1775-67, 75 cents
Canton, Ohio, May 1973	1775-73, 40 cents	Portland, Maine, Nov. 1972	1775-21, 40 cents
Charleston, W. Va., Mar. 1973	1775-74, 40 cents	Portland, Oreg.-Wash., May 1973	1775-87, 35 cents
Charlotte, N.C., Jan. 1973	1775-39, 40 cents	Poughkeepsie-Kingston-Newburgh, N.Y., June 1973	1775-85, 35 cents
Chattanooga, Tenn.-Ga., Sept. 1972 ¹	1775-14, 55 cents	Providence-Warwick-Pawtucket, R.I.-Mass., May 1973	1775-84, 35 cents
Chicago, Ill., May 1973	1775-88, 50 cents	Raleigh, N.C., Aug. 1972	1775-7, 45 cents
Cincinnati, Ohio-Ky.-Ind., Feb. 1973	1775-53, 50 cents	Richmond, Va., Mar. 1973	1775-68, 40 cents
Cleveland, Ohio, Sept. 1972 ¹	1775-15, 75 cents	Riverside-San Bernardino-Ontario, Calif., Dec. 1972 ¹	1775-60, 65 cents
Columbus, Ohio, Oct. 1972 ¹	1775-23, 55 cents	Rochester, N.Y. (office occupations only), July 1972	1775-4, 45 cents
Dallas, Tex., Oct. 1972 ¹	1775-25, 75 cents	Rockford, Ill., June 1973	1775-80, 35 cents
Davenport-Rock Island-Moline, Iowa-Ill., Feb. 1973	1775-57, 40 cents	St. Louis, Mo.-Ill., Mar. 1973 ¹	1775-69, 75 cents
Dayton, Ohio, Dec. 1972	1775-34, 40 cents	Salt Lake City, Utah, Nov. 1972 ¹	1775-33, 50 cents
Denver, Colo., Dec. 1972	1775-35, 40 cents	San Antonio, Tex., May 1973	1775-78, 35 cents
Des Moines, Iowa, May 1973	1775-72, 40 cents	San Diego, Calif., Nov. 1972	1775-40, 40 cents
Detroit, Mich., Mar. 1973 ¹	1775-89, 80 cents	San Francisco-Oakland, Calif., Mar. 1973	1775-81, 40 cents
Durham, N.C., Apr. 1973	1775-61, 35 cents	San Jose, Calif., Mar. 1973	1775-66, 40 cents
Fort Lauderdale-Hollywood and West Palm Beach, Fla., Apr. 1973	1775-64, 40 cents	Savannah, Ga., May 1973	1775-77, 40 cents
Fort Worth, Tex., Oct. 1972 ¹	1775-24, 50 cents	Scranton, Pa., July 1972	1775-10, 45 cents
Green Bay, Wis., July 1972 ¹	1775-1, 55 cents	Seattle-Everett, Wash., Jan. 1973	1775-56, 40 cents
Greenville, S.C., May 1973 ¹	1775-86, 40 cents	Sioux Falls, S. Dak., Dec. 1972 ¹	1775-43, 40 cents
Houston, Tex., Apr. 1973	1775-71, 50 cents	South Bend, Ind., Mar. 1973	1775-54, 40 cents
Huntsville, Ala., Feb. 1973	1775-48, 40 cents	Spokane, Wash., June 1972 ¹	1725-91, 35 cents
Indianapolis, Ind., Oct. 1972 ¹	1775-27, 55 cents	Syracuse, N.Y., July 1972	1775-11, 45 cents
Jackson, Miss., Jan. 1973	1775-44, 40 cents	Tampa-St. Petersburg, Fla., Aug. 1972	1775-9, 45 cents
Jacksonville, Fla., Dec. 1972	1775-31, 40 cents	Toledo, Ohio-Mich., Apr. 1973	1775-63, 40 cents
Kansas City, Mo.-Kans., Sept. 1972	1775-17, 50 cents	Trenton, N.J., Sept. 1972 ¹	1775-12, 55 cents
Lawrence-Haverhill, Mass.-N.H., June 1972 ¹	1725-81, 35 cents	Utica-Rome, N.Y., July 1972	1775-3, 45 cents
Lexington, Ky., Nov. 1972 ¹	1775-22, 50 cents	Washington, D.C.-Md.-Va., Mar. 1973	1775-75, 50 cents
Little Rock-North Little Rock, Ark., July 1972 ¹	1775-2, 55 cents	Waterbury, Conn., Mar. 1973	1775-58, 40 cents
Los Angeles-Long Beach and Anaheim-Santa Ana- Garden Grove, Calif., Oct. 1972 ¹	1775-38, 75 cents	Waterloo, Iowa, Nov. 1972	1775-26, 40 cents
Louisville, Ky.-Ind., Nov. 1972	1775-37, 40 cents	Wichita, Kans., Apr. 1973	1775-70, 40 cents
Lubbock, Tex., Mar. 1973	1775-55, 40 cents	Worcester, Mass., May 1973	1775-76, 40 cents
Manchester, N.H., July 1972 ¹	1775-8, 55 cents	York, Pa., Feb. 1973	1775-59, 40 cents
Memphis, Tenn.-Ark., Nov. 1972	1775-30, 40 cents	Youngstown-Warren, Ohio, Nov. 1972	1775-19, 40 cents
Miami, Fla., Nov. 1972 ¹	1775-29, 55 cents		
Midland and Odessa, Tex., Jan. 1973	1775-41, 35 cents		

¹ Data on establishment practices and supplementary wage provisions are also presented.

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