

L 2.3:1660-12

AREA WAGE SURVEYS

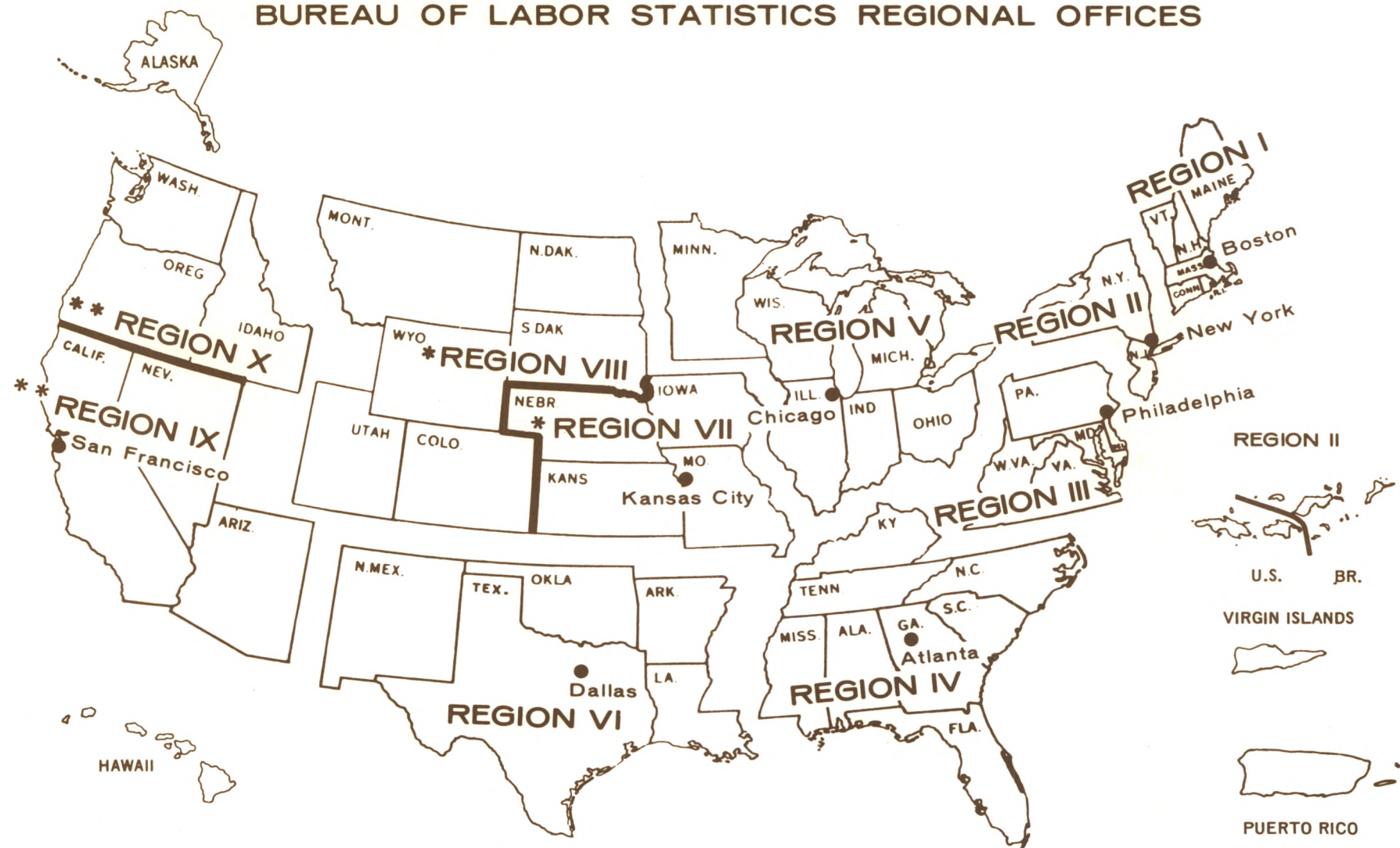
METROPOLITAN AREAS, UNITED STATES AND REGIONAL SUMMARIES, 1969-70

SOUTHWEST MISSOURI STATE
UNIVERSITY LIBRARY
U. S. DEPOSITORY COPY

JUN 7 1973 Bulletin 1660-92

U.S. DEPARTMENT OF LABOR BUREAU OF LABOR STATISTICS

BUREAU OF LABOR STATISTICS REGIONAL OFFICES



Region I
 1603-JFK Federal Building
 Government Center
 Boston, Mass. 02203
 Phone: 223-6761 (Area Code 617)

Region II
 1515 Broadway
 New York, N.Y. 10036
 Phone: 971-5405 (Area Code 212)

Region III
 406 Penn Square Building
 1317 Filbert St.
 Philadelphia, Pa. 19107
 Phone: 597-7796 (Area Code 215)

Region IV
 Suite 540
 1371 Peachtree St. NE.
 Atlanta, Ga. 30309
 Phone: 526-5418 (Area Code 404)

Region V
 8th Floor, 300 South Wacker Drive
 Chicago, Ill. 60606
 Phone: 353-1880 (Area Code 312)

Region VI
 1100 Commerce St., Rm. 6B7
 Dallas, Tex. 75202
 Phone: 749-3516 (Area Code 214)

Regions VII and VIII
 Federal Office Building
 911 Walnut St., 10th Floor
 Kansas City, Mo. 64106
 Phone: 374-2481 (Area Code 816)

Regions IX and X
 450 Golden Gate Ave.
 Box 36017
 San Francisco, Calif. 94102
 Phone: 556-4678 (Area Code 415)

- * Regions VII and VIII will be serviced by Kansas City.
- ** Regions IX and X will be serviced by San Francisco.

AREA WAGE SURVEYS

METROPOLITAN AREAS, UNITED STATES AND REGIONAL SUMMARIES, 1969—70

Bulletin 1660-92
U.S. DEPARTMENT OF LABOR
J. D. Hodgson, Secretary
BUREAU OF LABOR STATISTICS
Geoffrey H. Moore, Commissioner

1972



For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402—Price \$1

Preface

The Bureau of Labor Statistics annual program of occupational wage surveys in metropolitan areas provides information on occupational earnings, establishment practices, and supplementary wage benefits. The program covers six industry divisions (manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services) and yields data by area, as well as national and regional tabulations for metropolitan areas. Major considerations in the program are the need for information on (1) the movement of wages by occupational category and skill level, and (2) the structure and level of wages among areas and industry divisions.

Ninety areas are currently surveyed: 85 metropolitan, 1 nonmetropolitan (Burlington, Vt.) in the Bureau's regular program, and 4 under contract with the New York State Department of Labor. In each area, occupational earnings information is collected annually and establishment practices and supplementary wage provisions biennially. Individual bulletins are issued annually for each area.

On completion of all of the individual area bulletins for a round of surveys, two summary bulletins are issued. The first brings data for each of the metropolitan areas studied into one bulletin. Surveys conducted between July 1969 and June 1970 are summarized in Area Wage Surveys: Selected Metropolitan Areas, 1969-70 (BLS Bulletin 1660-91).

This second summary bulletin projects information collected in 85 of the metropolitan areas to represent the 229 metropolitan areas of the United States. This bulletin also compares wage differences in metropolitan areas and provides information on wage trends, wage payment plans, frequency of wage payment, and men's and women's earnings in the same job.

This bulletin was prepared in the Bureau's Division of Occupational Wage Structures. The analysis was prepared by John E. Buckley, John H. Cox, James N. Houff, and Lester L. Petermann, under the immediate direction of Kenneth J. Hoffmann. Data collection was directed by the Bureau's Assistant Regional Directors for Operations.

Contents

	Page
Introduction-----	1
Characteristics of the 229 areas -----	1
Occupational earnings -----	2
Office clerical occupations -----	2
Professional and technical occupations -----	2
Maintenance and powerplant occupations -----	3
Custodial and material movement occupations -----	3
Wage differences among metropolitan areas -----	60
All industries combined -----	60
Manufacturing -----	61
Nonmanufacturing -----	62
Trends of occupational earnings -----	66
Coverage and method of computing wage trends -----	66
Limitations of data -----	68
Pay differences between men and women in the same job -----	72
Among and within establishments -----	72
Trends -----	72
Time and incentive pay practices -----	76
Trends -----	76
Plantworkers -----	76
Officeworkers -----	77
Frequency of wage payment -----	80
Establishment practices and supplementary wage provisions -----	82
Late-shift pay provisions and practices in manufacturing -----	82
Scheduled weekly hours -----	82
Paid holidays -----	83
Paid vacations -----	84
Health, insurance, and pension plans -----	85
Labor-management agreement coverage -----	98
• Chart:	
Trends of occupational earnings:	
Annual wage changes, current dollar and real earnings for selected occupational groups, 1961-70 -----	67

Contents—Continued

	Page
Tables:	
Wage differences among metropolitan areas:	
1. Interarea pay comparisons.....	63
Trends in occupational earnings:	
2. Wage increases, office and plant—all metropolitan areas.....	69
3. Wage indexes, office and plant—all metropolitan areas.....	71
Pay differences between men and women in the same job:	
4. Average earnings of men and women.....	74
5. Within-establishment earnings differences.....	75
Time and incentive pay practices in urban areas:	
6. Method of wage determination.....	78
Frequency of wage payment:	
7. Frequency of wage payment.....	81
A. Occupational earnings:	
A-1. Office occupations—United States.....	4
A-2. Office occupations—Northeast.....	11
A-3. Office occupations—South.....	17
A-4. Office occupations—North Central.....	23
A-5. Office occupations—West.....	29
A-6. Professional and technical occupations—United States.....	34
A-7. Professional and technical occupations—Northeast.....	35
A-8. Professional and technical occupations—South.....	36
A-9. Professional and technical occupations—North Central.....	37
A-10. Professional and technical occupations—West.....	38
A-11. Maintenance and powerplant occupations—United States.....	39
A-12. Maintenance and powerplant occupations—Northeast.....	41
A-13. Maintenance and powerplant occupations—South.....	43

Tables—Continued

	Page
A. Occupational earnings—Continued	
A-14. Maintenance and powerplant occupations—North Central.....	45
A-15. Maintenance and powerplant occupations—West.....	46
A-16. Custodial and material movement occupations—United States.....	48
A-17. Custodial and material movement occupations—Northeast.....	50
A-18. Custodial and material movement occupations—South.....	53
A-19. Custodial and material movement occupations—North Central.....	55
A-20. Custodial and material movement occupations—West.....	58
B. Establishment practices and supplementary wage provisions:	
B-1. Shift differentials—manufacturing.....	87
B-2. Scheduled weekly hours.....	89
B-3. Paid holidays.....	90
B-4. Paid vacations.....	92
B-5. Health, insurance, and pension plans.....	97
Text table 1. Area pay relatives in all industries combined, by job group, 1969–70.....	60
Text table 2. Distribution of areas by pay relatives, job group, and region, 1969–70.....	61
Text table 3. Area pay relatives in manufacturing, by job group, 1969–70.....	61
Text table 4. Area pay relatives in nonmanufacturing, by job group, 1969–70.....	62
Text table 5. Percents by which men's average earnings exceeded women's in selected establishment groups, all metropolitan areas, 1966 and 1970.....	73
Text table 6. Percents by which men's average earnings exceeded women's in all establishments, all metropolitan areas, 1960, 1965, and 1970.....	73
Text table 7. Percents of manufacturing plantworkers by type and amount of shift differential, 1960 and 1970.....	82

Contents—Continued

	Page		Page
Tables—Continued		Tables—Continued	
Text table 8. Average number of paid holidays provided plantworkers and officeworkers, 1960 and 1970.....	83	Text table 11. Percents of plantworkers and officeworkers in establishments having union contracts which covered a majority of workers in the respective categories, 1969-70.....	98
Text table 9. Percents of plantworkers and officeworkers in establishments having formal paid vacation provisions, 1960 and 1970.....	84		
Text table 10. Percents of plantworkers and officeworkers in establishments having formal health, in- surance, and pension plans, 1960 and 1970....	86	Appendixes:	
		A. Scope and method of survey	99
		B. Occupational descriptions	103

Introduction

This summary bulletin provides national and regional estimates of occupational earnings and wage trends for the 229 Standard Metropolitan Statistical Areas in the United States.¹ It also compares earnings in 89 individual survey areas to the average for all metropolitan areas combined.

Occupations common to a variety of manufacturing and non-manufacturing industries were studied in the selected areas. Earnings data are provided for the following types of occupations: (a) Office clerical; (b) professional and technical; (c) maintenance and power-plant; and (d) custodial and material movement. Data also were collected and summarized on shift operations and differentials; scheduled weekly hours; paid holidays; paid vacations; health, insurance, and pension plans; and methods and frequency of wage payment.

Characteristics of the 229 areas

The 229 metropolitan areas had a combined population of about 136 million in 1970, or two-thirds of the Nation's total. By region, 84 of the areas were located in the South, 63 in the North Central Region, 48 in the Northeast, and 34 in the West. Even though over one-third of the areas were located in the South, only one-fourth of the population was in these areas. The Northeast, on the other hand, which contained about one-fifth of the areas, constituted almost three-tenths of the population. In the South, the average metropolitan area population (408,000) was about one-half of the average in the Northeast (802,000). The average metropolitan area population in the North Central Region was 585,000, compared to 766,000 in the West.

Regional data are influenced greatly by the large metropolitan areas. In the West, two survey areas—Los Angeles—Long Beach and Anaheim—Santa Ana—Garden Grove, and San Francisco—Oakland—constitute 44 percent of the population. Similarly, New York, Philadelphia, and Boston account for 49 percent of the population in the Northeast; and Chicago and Detroit for 30 percent of the North Central population. In the South, on the other hand, the five largest areas combined constitute only 28 percent of the population.

¹ As established by the Office of Management and Budget (formerly the Bureau of the Budget) through January 1968, excluding Alaska and Hawaii. For a detailed description of scope and method of survey, see appendix A.

Estimates of earnings relate to about 82,000 establishments that employ 22.4 million workers within scope of the survey. The average size of establishment within scope of the study ranged from 219 employees in the South to 311 in the North Central Region. By industry division, the average size of establishment ranged from 120 employees in wholesale trade to 408 in public utilities.

Differences in pay levels among areas reflect the influence of a variety of factors, including variation in industrial composition. Slightly more than one-half of all workers within scope of the survey were employed in manufacturing establishments. By region, the proportion of manufacturing employment amounted to three-fifths of the workers in the North Central, slightly more than one-half in the Northeast, and nearly one-half in the South and West. Moreover, the mix of manufacturing industries varies by region. Textile manufacturing, for example, is more prevalent in the South than in the other regions. Similarly, motor vehicle manufacturing is concentrated largely in the North Central Region. The percent distribution of total 1969-70 employment within scope of the survey, by industry division and region² is shown in the following tabulation.

Industry division	All metropolitan areas	Northeast	South	North Central	West
All industries-----	100	100	100	100	100
Manufacturing-----	53	53	46	60	46
Nonmanufacturing -----	47	47	54	40	54
Public utilities-----	11	10	13	9	13
Wholesale trade-----	6	5	7	5	6
Retail trade-----	15	13	19	14	16
Finance-----	8	11	7	6	8
Services -----	8	8	8	6	11

NOTE: Because of rounding, sums of individual items may not equal totals.

Of the total employment of 22,400,000 within scope of the survey, the North Central Region constituted 32 percent of the workers, followed by 30 percent in the Northeast, 22 percent in the South, and 16 percent in the West.

² For a further breakdown by industry divisions within regions, see appendix A table.

Occupational Earnings

Occupational earnings data are presented in this bulletin for all industries combined, manufacturing, nonmanufacturing, and for the five nonmanufacturing industry divisions studied. Numbers of workers, means, medians, middle ranges, and distributions of workers by earnings are presented, by industry division, for the United States and four broad regions. (See tables A-1-A-20.) The averages were obtained by combining pay levels from establishments in many different industries and areas having widely divergent pay levels.³ No attempt was made to isolate all of the factors which affect the levels of earnings, but the tables provide information on differences in occupational earnings by industry division, region, and sex.

Earnings data were collected between July 1969 and June 1970. Slightly less than half of the data were collected before February 1, 1970, and, therefore, were not subject to those amendments to the Fair Labor Standards Act which became effective on that date.

Office clerical occupations

The quarter million women secretaries within scope of the study averaged \$130 a week in February 1970. A fourth of the secretaries earned less than \$112.50 a week while another fourth earned over \$146. Women class A secretaries, usually assigned as personal secretaries to the highest ranking officials of medium to large size establishments, averaged \$152, the highest average earnings among women office clerical workers, whereas secretaries to supervisors of a small group of employees or to nonsupervisory staff specialists (class D) averaged \$118. For each level of secretary studied, earnings were highest in public utilities and lowest in retail trade. The lowest paid office occupation studied was class C file clerk. Women in this occupation averaged \$78 a week for an average 38½ hours, or about \$2.03 an hour.

Differences in wages of individuals within the same occupational classification were even greater than differences in averages among occupations. Some of the highest paid workers in an occupation received triple the salary of the lowest paid.

On a nationwide basis, all-industry average earnings for men office clerical workers exceeded those for women in each of the jobs for which data were published. A later section of this bulletin, "Pay Differences Between Men and Women in the Same Job," deals with earnings relationships of men and women in the same job and establishment.

Average weekly salaries of officeworkers were usually higher in manufacturing than in the nonmanufacturing industries combined and higher in the West than in the three other regions. Among the

six industry divisions included in the survey, office clerical job averages were in most instances highest in public utilities, followed by manufacturing. The following tabulation presents pay levels of office clerical workers in each of the six industry divisions, by region. These levels are expressed as a percent of national all-industry pay levels.⁴

	All metropolitan areas	Northeast	South	North Central	West
All industries -----	100	101	93	101	105
Manufacturing -----	103	101	96	104	110
Nonmanufacturing -----	98	101	92	98	102
Public utilities -----	107	108	102	108	112
Wholesale trade -----	101	105	95	100	105
Retail trade -----	92	93	86	94	98
Finance -----	94	99	85	92	96
Services -----	100	103	93	98	104

The ranking of industries and regions from the highest to the lowest wage level has not changed since first reported in 1961; relative changes were only 3 points or less. During the 1961-70 period, relative wage levels have increased in retail trade, finance, and services, and decreased in manufacturing and public utilities; and have increased in the Northeast and South and decreased in the North Central and West.

Professional and technical occupations

Wages of draftsmen varied considerably, depending on the complexity of the work performed. The most skilled men draftsmen (class A) averaged \$193 a week, whereas draftsmen-tracers averaged \$106.50 in February 1970. The two intermediate levels, classes B and C, averaged \$158.50 and \$127.50, respectively. Almost three-fourths of the draftsmen were employed in manufacturing, and most of the remainder in services, primarily engineering and architectural services. Class A and B draftsmen employed in services averaged more than those in manufacturing, whereas class C draftsmen and draftsmen-tracers in manufacturing averaged more than those in services. Over three-fourths of the draftsmen in manufacturing were employed in the fabricated metals, machinery, electrical machinery, and transportation equipment industries.

Women registered industrial nurses averaged \$147; regional averages ranged from \$140.50 in the South to \$159.50, in the West.

³ Pay relatives of office clerical, skilled maintenance, and unskilled plantworkers in 89 areas are presented on p. 60.

⁴ Based on aggregates obtained by multiplying occupational averages for men and women in 20 office jobs by the nationwide employment in each job.

Maintenance and powerplant occupations

Among the skilled maintenance occupations studied, tool and die makers, averaging \$4.55 an hour, were the highest paid. Hourly averages for electricians, machine-tool operators (toolroom), machinists, millwrights, pipefitters, and sheet-metal workers were all within a range of \$4.24 to \$4.32. Auto mechanics, carpenters, mechanics, painters, and plumbers averaged from \$3.99 to \$4.07 an hour.

Pay relatives for skilled maintenance workers in manufacturing were almost identical to the all-industry relatives, because only a small number of skilled maintenance workers are employed in non-manufacturing firms. Relatives, as a percent of the nationwide all-industry average, are presented in the following tabulation.⁵

	All metropolitan areas	Northeast	South	North Central	West
All industries -----	100	95	94	105	105
Manufacturing -----	100	94	93	104	105

Within manufacturing, some maintenance occupations were heavily concentrated in certain industries. For example, over one-third of the maintenance trades helpers were employed in the primary metals industries and a like proportion of the auto mechanics were in the food industries. About three-fifths of the machine-tool operators were employed in the machinery (except electrical) and transportation equipment industries and over one-half of the millwrights were in the primary metals and transportation equipment industries. About four-fifths of the tool and die makers were concentrated in four industry groups: Fabricated metals; machinery, except electrical; electrical machinery; and transportation equipment.

The only trade which was not highly concentrated in manufacturing firms was auto mechanics. Trucking companies employed nearly 20,000 auto mechanics, over one-third of the total; bus companies employed another one-seventh.

Carpenters, electricians, and painters were highest paid in retail trade, which was generally one of the lower paying industry groups. Most carpenters, electricians, and painters in retail trade

⁵ Based on aggregates obtained by multiplying occupational averages for eight skilled maintenance jobs by nationwide employment in each job.

were employed by food and general merchandise (including department) stores. Some of these firms paid workers in the maintenance trades the union wage rates negotiated in the construction industry.

Custodial and material movement occupations

Among the custodial and material movement jobs, material handling laborers averaged \$3.01 an hour; averages by industry division ranged from \$2.45 in services to \$3.62 in public utilities. By regions, averages for laborers varied from \$2.38 in the South to \$3.37 in the West. Men janitors, the major custodial occupation, averaged \$2.46; averages for the job ranged from \$2.14 in services to \$2.85 in public utilities, and from \$1.98 in the South to \$2.70 in the North Central Region. Over four-fifths of the men and almost all of the women janitors in services industries were employed by janitorial service companies. Likewise, over two-thirds of the guards and watchmen in nonmanufacturing were employed by protective service companies.

Pay levels for unskilled workers (men janitors and laborers) by region and industry division are expressed as percents of national pay levels in the following tabulation.⁶

	All metropolitan areas	Northeast	South	Central	West
All industries -----	100	102	80	109	110
Manufacturing -----	105	103	88	114	112
Nonmanufacturing -----	97	104	75	103	109
Public utilities -----	118	121	98	124	125
Wholesale trade -----	96	101	76	106	108
Retail trade -----	88	89	74	94	101
Finance -----	(1)	(1)	(1)	(+)	(1)
Services -----	84	(1)	(1)	82	(1)

¹ Data do not meet publication criteria.

Industry and regional pay relatives for unskilled workers varied more widely than those of the office clerical and skilled maintenance workers. For example, the interregional spreads for office clerical and skilled maintenance workers were about the same—12 and 11 points, respectively; but the spread for unskilled workers was 30 points. Likewise, the spread among industry divisions (all metropolitan areas combined) for office clerical workers (15 points) was less than half the spread for unskilled workers (34 points).

⁶ Based on aggregates obtained by multiplying occupational averages for men janitors and material handling laborers by nationwide employment in each job.

A. Occupational earnings

Table A-1. Office occupations—United States

(Average straight-time weekly hours and earnings for selected occupations by industry division in all metropolitan areas, February 1970¹)

Sex, occupation, and industry division	Number of workers	Average weekly hours ² (standard)	Weekly earnings ² (standard)			Number of workers receiving straight-time weekly earnings of—																			
			Mean ³	Median ³	Middle range ³	Under \$60	\$60 and under 70	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220 and over		
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over			
MEN																									
BILLERS, MACHINE (BILLING MACHINE) -----	1,365	40.0	\$ 134.00	\$ 141.00	\$ 123.50-151.00	-	9	-	17	68	86	116	107	251	263	446	2	1	-	-	-	-	-	-	-
NONMANUFACTURING -----	1,296	40.0	135.00	141.50	126.00-151.50	-	9	-	17	46	80	102	106	230	258	446	2	1	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁴ -----	1,135	40.0	139.00	144.00	133.00-152.00	-	-	-	12	31	21	69	106	190	258	446	2	1	-	-	-	-	-	-	-
BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	275	38.5	121.50	121.50	111.00-129.00	-	-	2	5	8	50	59	91	18	13	23	4	-	1	1	-	-	-	-	-
BOOKKEEPING-MACHINE OPERATORS, CLASS B -----	260	38.5	108.50	102.50	96.00-127.00	-	3	-	15	98	42	20	43	15	20	4	-	1	-	-	-	-	-	-	-
CLERKS, ACCOUNTING, CLASS A -----	21,162	39.0	145.00	143.50	126.50-163.50	-	-	13	97	503	1029	1766	2841	3208	3029	2532	2471	1705	800	440	396	335	-	-	-
MANUFACTURING -----	10,162	39.5	150.50	150.00	131.00-169.00	-	-	2	26	190	441	675	1085	1370	1280	1160	1551	1073	512	287	281	229	-	-	-
NONMANUFACTURING -----	11,000	38.5	140.50	139.00	124.00-154.50	-	-	11	71	313	588	1091	1756	1838	1749	1371	920	632	288	153	115	106	-	-	-
PUBLIC UTILITIES ⁴ -----	3,687	39.0	148.50	147.50	133.50-163.00	-	-	-	1	48	128	228	394	419	839	572	404	311	153	85	49	55	-	-	-
WHOLESALE TRADE -----	3,240	39.0	142.50	139.50	126.00-157.00	-	-	-	15	71	152	234	542	630	404	499	291	170	86	41	57	50	-	-	-
RETAIL TRADE -----	906	39.5	126.00	125.00	115.00-142.50	-	-	2	24	79	78	196	189	93	67	81	60	28	8	2	-	-	-	-	
FINANCE ⁵ -----	2,342	37.5	132.50	132.00	119.50-144.50	-	-	-	29	106	170	300	464	506	342	165	132	84	27	16	1	-	-	-	
SERVICES -----	825	38.0	133.50	131.50	119.50-143.50	-	-	9	2	10	62	133	167	190	97	54	32	38	14	9	8	1	-	-	-
CLERKS, ACCOUNTING, CLASS B -----	10,611	39.0	119.50	120.00	102.00-137.00	-	65	214	817	1264	1349	1599	1347	1702	1253	602	275	82	34	9	-	-	-	-	-
MANUFACTURING -----	3,677	39.5	120.00	119.00	102.50-136.00	-	5	62	288	451	492	592	381	637	411	221	74	34	24	5	-	-	-	-	-
NONMANUFACTURING -----	6,934	38.5	119.50	120.50	102.00-137.50	-	60	153	528	813	857	1007	966	1065	842	381	201	48	10	4	-	-	-	-	-
PUBLIC UTILITIES ⁴ -----	2,436	39.0	127.50	132.00	115.00-144.00	-	1	32	200	141	172	221	366	510	404	206	150	32	-	-	-	-	-	-	-
WHOLESALE TRADE -----	2,139	39.0	123.00	123.50	109.00-139.00	-	-	38	76	203	243	366	334	366	321	121	50	9	9	4	-	-	-	-	-
RETAIL TRADE -----	443	38.5	99.50	99.50	89.00-115.00	-	32	19	72	104	95	50	39	20	12	1	-	-	-	-	-	-	-	-	-
FINANCE ⁵ -----	1,394	38.0	109.50	108.50	94.50-124.00	-	26	64	140	240	269	222	183	111	84	48	-	6	1	-	-	-	-	-	-
SERVICES -----	522	39.0	110.50	111.00	97.50-120.00	-	1	-	41	126	78	147	44	57	21	5	1	1	-	-	-	-	-	-	-
CLERKS, FILE, CLASS A -----	583	38.5	125.50	130.50	105.00-141.50	-	-	12	27	74	73	80	23	140	69	53	12	6	-	3	5	9	-	-	-
NONMANUFACTURING -----	445	38.0	122.50	128.00	102.00-142.00	-	-	12	27	64	49	59	17	92	66	43	12	4	-	-	-	-	-	-	-
CLERKS, FILE, CLASS B -----	1,136	38.5	104.00	102.00	91.50-119.00	-	12	64	171	237	259	125	134	103	17	14	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	368	38.5	104.00	102.50	92.50-116.50	-	-	3	67	70	93	81	29	26	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	768	38.5	104.50	102.00	91.00-122.00	-	12	61	104	167	166	45	105	77	17	14	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁴ -----	299	39.5	118.50	125.50	101.00-134.00	-	-	11	14	44	33	26	65	77	16	14	-	-	-	-	-	-	-	-	-
CLERKS, FILE, CLASS C -----	503	38.0	90.50	85.00	76.50-100.00	-	41	125	128	83	40	34	29	11	12	-	1	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	398	38.0	90.50	84.50	77.00-98.50	-	31	87	113	80	21	27	19	10	11	-	-	-	-	-	-	-	-	-	-
CLERKS, ORDER -----	15,989	39.5	133.00	131.50	115.00-151.00	-	-	147	538	1048	1398	1884	2656	2174	1929	1451	1217	699	353	227	116	151	-	-	-
MANUFACTURING -----	5,946	39.5	140.00	139.00	120.00-156.00	-	-	19	100	174	483	699	839	751	842	740	496	256	218	155	81	95	-	-	-
NONMANUFACTURING -----	10,042	39.5	129.00	128.00	111.50-146.50	-	-	128	438	875	915	1187	1816	1423	1087	711	722	443	135	72	35	56	-	-	-
WHOLESALE TRADE -----	9,594	39.5	129.50	128.50	112.50-147.00	-	-	102	382	787	862	1144	1753	1384	1055	685	712	442	135	60	35	56	-	-	-
RETAIL TRADE -----	387	40.0	110.00	104.00	92.50-127.00	-	-	27	55	86	51	29	63	38	6	18	2	1	-	12	-	-	-	-	-
CLERKS, PAYROLL -----	3,714	39.5	139.50	140.00	121.00-156.50	-	-	7	68	150	294	362	518	468	573	465	303	262	128	43	31	43	-	-	-
MANUFACTURING -----	2,412	39.5	142.00	140.00	122.50-160.00	-	-	6	22	78	181	242	364	315	304	297	203	210	95	27	27	41	-	-	-
NONMANUFACTURING -----	1,303	39.0	135.50	139.50	118.50-152.00	-	-	1	47	72	113	120	154	153	269	169	99	51	33	16	4	2	-	-	-
PUBLIC UTILITIES ⁴ -----	674	39.5	141.00	143.00	131.50-152.50	-	-	-	8	28	18	45	57	85	223	115	63	14	15	3	-	1	-	-	-
SERVICES -----	257	39.0	136.00	129.00	109.50-168.50	-	-	1	11	17	39	42	21	11	14	25	14	32	14	12	2	1	-	-	-
KEYPUNCH OPERATORS, CLASS A -----	750	39.5	129.50	135.00	117.00-141.50	-	-	1	7	12	93	99	42	271	211	13	2	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	558	39.5	134.00	137.00	131.00-142.50	-	-	1	1	5	19	58	27	240	197	11	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁴ -----	428	40.0	138.00	138.50	134.00-143.50	-	-	-	-	-	4	10	5	233	166	10	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-1. Office occupations—United States—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in all metropolitan areas, February 1970¹)

Sex, occupation, and industry division	Number of workers	Average weekly hours ² (standard)	Weekly earnings ² (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ³	Median ³	Middle range ³	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$				
						Under \$ 60	60 and under	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	and over						
						70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over								
MEN - CONTINUED																													
KEYPUNCH OPERATORS, CLASS B -----	521	38.0	\$ 109.50	\$ 112.00	\$ 89.50-128.50	-	2	21	119	58	54	45	105	80	27	3	5	-	1	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	400	38.0	108.50	107.50	88.50-129.50	-	2	19	104	46	41	28	63	69	24	-	5	-	-	-	-	-	-	-	-	-	-	-	
OFFICE BOYS -----	19,310	38.0	88.50	86.50	78.00-96.50	9	1450	4207	5903	3927	1914	941	662	237	56	5	-	-	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	6,115	38.5	90.00	88.00	80.50-98.50	-	367	1105	1966	1280	688	335	274	87	13	1	-	-	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	13,195	38.0	87.50	86.00	77.00-96.00	9	1083	3101	3936	2648	1226	606	389	149	43	4	-	-	-	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁴ -----	2,263	38.5	97.50	93.50	81.00-115.00	-	74	440	428	424	210	276	253	123	35	-	-	-	-	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,690	38.0	89.50	89.00	80.50-100.00	-	85	316	511	360	296	75	40	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	621	38.5	85.00	84.00	77.00-94.00	1	52	158	193	125	70	13	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁵ -----	6,024	38.0	84.00	83.50	74.50-92.00	7	678	1611	1957	1198	371	133	51	13	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	2,598	37.5	87.50	86.50	78.50-96.00	1	195	577	848	542	279	109	40	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SECRETARIES ⁶ -----	1,099	39.0	154.00	153.50	137.50-169.00	-	-	-	6	25	56	35	85	95	185	148	202	64	64	74	29	31	-	-	-	-	-	-	
MANUFACTURING -----	328	39.0	154.00	152.50	132.00-167.50	-	-	-	1	4	12	22	35	42	38	30	73	13	7	27	3	21	-	-	-	-	-	-	
NONMANUFACTURING -----	771	39.0	154.00	154.00	140.50-170.00	-	-	-	5	21	44	13	50	52	147	118	129	51	57	47	26	10	-	-	-	-	-	-	
PUBLIC UTILITIES ⁴ -----	465	40.0	161.00	158.00	147.00-172.00	-	-	-	-	2	-	5	9	38	92	104	87	45	40	13	23	8	-	-	-	-	-	-	
SECRETARIES, CLASS C -----	371	39.5	149.50	149.50	136.00-164.50	-	-	-	-	9	35	8	26	30	86	61	47	23	24	16	6	2	-	-	-	-	-	-	
NONMANUFACTURING -----	289	39.5	146.50	148.50	134.50-162.00	-	-	-	-	9	34	7	18	17	77	49	33	17	23	2	5	-	-	-	-	-	-	-	
STENOGRAPHERS, GENERAL -----	487	39.5	126.50	133.00	108.00-139.00	-	-	-	15	68	49	15	57	178	67	27	7	4	2	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	382	39.5	129.00	135.00	120.50-140.00	-	-	-	9	48	28	10	29	164	65	23	5	1	-	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁴ -----	295	40.0	135.50	137.00	132.00-142.00	-	-	-	-	8	11	5	26	153	65	21	5	1	-	-	-	-	-	-	-	-	-	-	
TABULATING-MACHINE OPERATORS, CLASS A -----	3,509	39.0	149.00	146.50	131.50-164.00	-	-	-	7	30	138	220	390	601	600	465	328	285	148	128	86	86	-	-	-	-	-	-	
MANUFACTURING -----	1,657	39.5	154.00	150.50	135.00-172.00	-	-	-	-	4	41	99	146	278	247	218	168	178	86	73	58	60	-	-	-	-	-	-	
NONMANUFACTURING -----	1,851	38.5	145.00	143.50	128.50-159.00	-	-	-	7	26	96	121	244	323	353	247	160	106	62	55	28	26	-	-	-	-	-	-	
PUBLIC UTILITIES ⁴ -----	382	39.5	160.50	154.00	144.00-178.50	-	-	-	-	-	6	20	40	96	61	41	27	44	20	14	14	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	351	40.0	146.50	145.00	131.00-160.00	-	-	-	2	-	20	6	50	78	68	39	28	11	10	31	7	-	-	-	-	-	-	-	
FINANCE ⁵ -----	931	37.5	137.50	138.00	123.00-152.00	-	-	-	5	25	63	98	141	179	157	119	78	60	3	4	1	-	-	-	-	-	-	-	
TABULATING-MACHINE OPERATORS, CLASS B -----	5,529	39.0	124.50	123.50	109.50-139.50	-	-	22	170	493	740	1013	896	847	629	378	194	100	43	5	-	-	-	-	-	-	-	-	
MANUFACTURING -----	1,924	39.5	129.00	128.00	114.00-143.00	-	-	3	29	90	254	317	319	356	233	148	91	65	18	1	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	3,605	38.5	122.00	121.00	107.00-137.00	-	-	20	141	401	486	697	577	490	395	231	103	35	25	4	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁴ -----	759	39.5	133.50	135.50	120.50-148.50	-	-	4	29	19	62	70	113	149	138	105	50	7	8	4	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	811	39.0	127.00	125.50	112.00-145.00	-	-	-	11	63	87	180	110	112	118	82	18	22	10	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	277	39.5	115.50	115.00	104.00-129.50	-	-	1	20	33	47	67	43	43	15	8	1	-	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁵ -----	1,484	37.5	114.50	115.00	101.00-126.00	-	-	15	83	248	263	327	271	141	85	26	27	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	275	38.5	125.50	124.50	110.50-139.50	-	-	-	-	40	28	54	39	47	39	9	7	6	6	-	-	-	-	-	-	-	-	-	
TABULATING-MACHINE OPERATORS, CLASS C -----	2,326	38.5	106.50	105.00	94.50-118.50	-	8	64	356	434	585	353	255	159	80	24	9	1	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	759	39.5	112.50	110.00	100.50-126.50	-	8	4	60	112	194	116	113	96	35	16	5	-	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	1,568	38.0	103.50	102.50	91.50-114.50	-	-	60	295	323	390	237	142	63	45	8	4	1	-	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	317	39.5	104.50	102.50	94.00-117.50	-	-	31	29	70	84	30	37	14	21	1	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁵ -----	806	37.0	101.50	100.50	91.00-110.00	-	-	19	169	201	221	105	58	23	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
TYPISTS, CLASS A -----	580	38.5	122.50	122.00	104.50-137.00	-	-	-	21	59	101	86	101	93	86	10	6	-	18	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	415	38.5	124.50	125.00	104.00-140.00	-	-	-	12	35	77	55	61	73	77	7	-	-	18	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁴ -----	256	39.0	127.00	132.50	113.50-142.50	-	-	-	5	12	32	32	31	70	73	1	-	-	-	-	-	-	-	-	-	-	-	-	
TYPISTS, CLASS B -----	957	38.0	107.50	106.50	92.00-122.00	-	3	41	144	177	175	136	114	95	58	12	2	-	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	820	38.0	108.50	107.50	92.50-123.50	-	3	35	113	158	138	108	102	92	57	12	2	-	-	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁴ -----	485	38.5	115.50	117.50	100.50-133.00	-	2	11	12	94	103	36	65	92	57	12	2	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-1. Office occupations—United States—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in all metropolitan areas, February 1970¹)

Sex, occupation, and industry division	Number of workers	Average weekly hours ² (standard)	Weekly earnings ² (standard)			Number of workers receiving straight-time weekly earnings of—																		
			Mean ³	Median ³	Middle range ³	\$ Under \$ 60	\$ 60 and under	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over		
						70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over			
WOMEN																								
BILLERS, MACHINE (BILLING MACHINE)	9,774	39.0	\$ 100.00	\$ 96.50	\$ 84.00-116.00	16	578	1163	1836	1932	1271	1000	640	588	494	238	10	-	7	-	-	-	-	
MANUFACTURING	3,451	39.5	100.00	97.50	87.00-112.00	-	31	257	836	773	598	515	183	183	29	32	8	-	7	-	-	-	-	
NONMANUFACTURING	6,323	39.0	100.00	95.50	81.00-119.50	16	549	905	1001	1159	673	485	457	404	465	206	2	-	-	-	-	-	-	
PUBLIC UTILITIES ⁴	1,524	40.0	121.00	128.00	102.00-143.00	-	40	104	117	86	124	159	159	202	372	161	-	-	-	-	-	-	-	
WHOLESALE TRADE	2,580	39.0	100.50	97.50	87.50-116.00	-	113	230	428	653	390	222	240	176	92	34	2	-	-	-	-	-	-	
RETAIL TRADE	1,487	39.0	80.00	78.00	70.00-90.00	15	343	446	314	266	48	32	8	10	-	6	-	-	-	-	-	-	-	
SERVICES	566	38.5	94.00	92.50	78.00-109.50	1	54	120	76	96	80	69	49	15	1	5	-	-	-	-	-	-	-	
BILLERS, MACHINE (BOOKKEEPING MACHINE)	5,908	39.0	92.50	91.00	80.00-104.50	22	546	922	1307	1140	736	628	395	117	77	6	1	13	-	-	-	-	-	
MANUFACTURING	1,798	39.0	100.00	100.00	85.00-114.50	-	54	156	359	338	317	241	218	85	23	6	1	1	-	-	-	-	-	
NONMANUFACTURING	4,110	39.0	89.00	88.00	76.50-101.00	22	492	766	947	802	420	387	177	32	54	-	-	12	-	-	-	-	-	
PUBLIC UTILITIES ⁴	291	39.0	100.00	95.50	84.50-112.00	-	-	36	58	70	48	25	15	25	15	-	-	-	-	-	-	-	-	
WHOLESALE TRADE	576	39.5	100.50	97.00	87.00-113.00	-	10	24	128	156	89	77	51	2	29	-	-	12	-	-	-	-	-	
RETAIL TRADE	2,252	39.0	83.00	82.00	71.50-93.00	22	435	551	552	336	164	145	48	-	-	-	-	-	-	-	-	-	-	
SERVICES	703	39.5	94.00	94.50	80.50-108.00	-	41	130	113	170	87	96	61	5	-	-	-	-	-	-	-	-	-	
BOOKKEEPING-MACHINE OPERATORS, CLASS A	10,674	39.0	112.50	113.00	98.50-126.50	-	22	190	1058	1645	1731	2187	1695	1161	619	264	77	25	-	-	-	-	-	
MANUFACTURING	4,443	39.0	115.50	116.50	102.50-129.00	-	9	27	261	622	688	965	834	570	328	96	37	8	-	-	-	-	-	
NONMANUFACTURING	6,231	39.0	110.00	110.50	96.00-124.50	-	13	164	798	1024	1041	1223	862	591	291	168	40	17	-	-	-	-	-	
PUBLIC UTILITIES ⁴	349	39.0	121.50	120.00	106.50-138.00	-	-	-	21	30	66	58	62	31	45	11	25	-	-	-	-	-	-	
WHOLESALE TRADE	2,346	39.0	113.50	113.00	100.50-128.00	-	-	34	281	262	392	569	288	251	115	132	11	11	-	-	-	-	-	
RETAIL TRADE	1,210	39.5	107.00	105.50	95.50-122.00	-	11	30	123	259	264	183	174	113	44	8	-	-	-	-	-	-	-	
FINANCE ⁵	1,543	38.0	104.00	102.50	90.00-117.50	-	3	87	296	309	252	283	159	103	37	14	-	-	-	-	-	-	-	
SERVICES	783	38.5	113.00	113.50	96.50-128.00	-	-	13	75	165	67	131	178	92	51	3	4	6	-	-	-	-	-	
BOOKKEEPING-MACHINE OPERATORS, CLASS B	18,558	39.0	95.00	93.00	82.00-105.50	19	824	2617	4507	3987	2906	1657	1038	599	218	138	42	6	-	-	-	-	-	
MANUFACTURING	6,250	39.0	100.00	98.50	87.50-112.00	2	62	428	1330	1543	1155	839	477	278	84	34	15	5	-	-	-	-	-	
NONMANUFACTURING	12,308	39.0	92.50	90.00	80.50-103.00	17	762	2189	3177	2444	1751	820	561	320	134	104	27	1	-	-	-	-	-	
PUBLIC UTILITIES ⁴	631	39.5	105.00	98.00	85.00-126.00	-	33	60	95	154	68	35	43	52	6	76	10	-	-	-	-	-	-	
WHOLESALE TRADE	3,789	39.5	95.50	93.00	82.50-107.50	-	130	485	1014	682	646	372	301	77	79	4	-	-	-	-	-	-	-	
RETAIL TRADE	3,126	39.0	88.00	88.00	77.50-98.50	14	277	622	794	724	458	140	49	36	1	10	1	-	-	-	-	-	-	
FINANCE ⁵	3,639	38.0	89.00	86.50	77.00-98.50	-	258	864	994	717	406	171	107	78	31	13	-	-	-	-	-	-	-	
SERVICES	1,123	39.0	97.00	93.00	82.00-109.50	3	64	159	281	168	173	101	62	77	17	1	16	1	-	-	-	-	-	
CLERKS, ACCOUNTING, CLASS A	53,948	39.0	122.00	120.50	106.00-136.00	-	32	376	2161	5356	8528	9999	9563	7019	5225	2868	1351	800	375	186	84	26	14	
MANUFACTURING	21,429	39.5	125.50	124.00	110.00-140.00	-	-	38	508	1635	3251	3540	4201	2882	2737	1085	642	484	248	111	55	29	12	
NONMANUFACTURING	32,520	39.0	119.50	118.00	104.00-133.50	-	32	339	1653	3721	5277	6459	5362	4138	2488	1783	709	316	127	75	29	12	12	
PUBLIC UTILITIES ⁴	7,010	39.0	127.00	124.00	114.00-141.00	-	-	26	95	403	457	1394	1136	1043	886	611	215	81	44	12	8	-	-	
WHOLESALE TRADE	6,096	39.0	122.50	122.00	107.00-135.50	-	2	16	277	548	910	1035	1173	975	397	337	211	127	49	28	12	-	-	
RETAIL TRADE	6,683	39.5	114.00	113.00	101.00-128.00	-	15	145	511	814	1426	1272	1055	700	402	243	63	31	5	-	-	-	-	
FINANCE ⁵	8,253	38.0	113.00	110.00	98.50-125.50	-	15	116	630	1549	1798	1347	1259	713	369	370	64	17	5	1	-	-	-	
SERVICES	4,478	38.5	123.50	122.00	108.00-138.00	-	-	36	140	406	685	812	740	708	433	223	157	60	24	34	9	12	12	
CLERKS, ACCOUNTING, CLASS B	102,764	39.0	96.50	94.00	83.50-108.00	63	2911	14248	23976	22161	16843	10564	5867	3044	2053	679	282	58	16	-	-	-	-	
MANUFACTURING	32,617	39.5	100.00	98.00	87.50-111.00	-	329	2728	6833	7702	6423	3980	2375	1220	689	231	92	11	11	-	-	-	-	
NONMANUFACTURING	70,147	39.0	95.00	92.00	82.00-106.00	63	2582	11520	17144	14460	10421	6585	3494	1825	1364	448	192	47	5	-	-	-	-	
PUBLIC UTILITIES ⁴	15,822	39.0	102.00	99.50	85.00-114.00	-	120	2230	3099	2604	2544	2209	1146	740	720	254	119	37	-	-	-	-	-	
WHOLESALE TRADE	12,743	39.0	99.00	96.50	85.50-112.50	-	322	1344	2775	2722	1952	1577	1054	569	311	95	17	2	3	-	-	-	-	
RETAIL TRADE	18,436	39.5	90.00	89.00	79.50-101.00	51	1149	3594	4770	3991	2763	1184	463	236	202	25	4	4	2	-	-	-	-	
FINANCE ⁵	16,951	38.0	89.50	87.50	79.50-98.00	11	756	3718	5235	3662	2010	882	404	155	71	28	15	3	-	-	-	-	-	
SERVICES	6,196	38.5	97.50	96.00	85.50-108.50	2	234	634	1266	1481	1151	733	427	124	60	46	37	1	-	-	-	-	-	

See footnotes at end of table.

Table A-1. Office occupations—United States—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in all metropolitan areas, February 1970¹)

Sex, occupation, and industry division	Number of workers	Average weekly hours ² (standard)	Weekly earnings ² (standard)			Number of workers receiving straight-time weekly earnings of—																		
			Mean ³	Median ³	Middle range ³	\$ Under \$ 60	\$ 60 and under	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210		
						70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over			
WOMEN - CONTINUED																								
KEYPUNCH OPERATORS, CLASS B -----	65,699	39.0	\$ 96.50	\$ 93.50	\$ 83.50-107.00	17	1617	9147	16192	14787	10139	6385	3231	2635	953	489	102	2	-	-	-	-	-	-
MANUFACTURING -----	21,729	39.5	100.50	97.00	87.00-111.50	-	318	1955	4615	5309	3667	2609	1223	1052	567	325	87	2	-	-	-	-	-	-
NONMANUFACTURING -----	43,970	38.5	94.50	92.00	82.00-104.50	17	1300	7193	11577	9477	6472	3776	2008	1583	386	164	15	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁴ -----	8,698	39.0	101.00	97.50	83.50-114.50	-	33	1398	1805	1507	1166	1005	602	906	219	59	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	8,606	39.5	97.00	94.50	83.50-106.50	-	266	1147	1948	1874	1576	694	501	404	94	89	15	-	-	-	-	-	-	-
RETAIL TRADE -----	6,060	39.0	91.50	90.50	81.00-101.50	7	255	1122	1599	1383	881	431	280	92	8	2	-	-	-	-	-	-	-	-
FINANCE ⁵ -----	16,699	38.0	90.00	88.50	80.50-98.50	11	658	3206	5297	3829	2136	1011	458	91	-	-	-	-	-	-	-	-	-	-
SERVICES -----	3,908	38.5	98.00	96.00	86.50-110.00	-	88	321	930	884	714	635	167	90	65	14	-	-	-	-	-	-	-	-
OFFICE GIRLS -----	14,357	38.5	82.00	80.00	73.00-89.00	86	2051	4918	4137	1784	664	432	181	50	53	1	-	-	-	-	-	-	-	-
MANUFACTURING -----	4,325	39.0	86.50	83.50	75.00-94.50	-	403	1283	1240	651	327	222	131	38	31	1	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	10,032	38.0	80.50	79.00	72.00-87.00	86	1648	3636	2898	1134	337	210	51	11	22	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁴ -----	1,900	38.0	87.50	84.00	77.50-93.00	-	37	633	643	276	97	150	32	11	21	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	1,093	39.5	81.00	79.50	72.50-88.50	-	174	387	296	176	42	17	-	-	1	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	906	39.0	79.50	78.00	71.50-87.00	11	152	345	228	98	42	21	9	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁵ -----	5,214	38.0	77.50	76.50	70.00-84.00	66	1196	1935	1465	462	82	1	9	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	919	38.5	82.50	80.50	75.00-89.50	9	90	336	265	122	74	21	1	-	-	-	-	-	-	-	-	-	-	-
SECRETARIES ⁶ -----	289,432	38.5	130.00	128.50	112.50-146.00	8	265	2188	8662	20130	33014	40013	48026	43419	33450	24987	15199	9646	5115	2362	1431	1518		
MANUFACTURING -----	132,063	39.0	132.00	130.50	115.00-148.50	-	44	486	2496	7551	14228	18227	22339	20257	15701	13041	7767	4917	2667	1049	607	686		
NONMANUFACTURING -----	157,368	38.0	128.00	127.00	110.00-144.00	8	221	1702	6166	12578	18787	21785	25686	23162	17748	11946	7432	4729	2448	1313	824	834		
PUBLIC UTILITIES ⁴ -----	24,319	38.5	139.50	139.50	122.50-156.00	-	12	140	347	869	1542	2254	3462	3799	3911	3115	1877	1402	744	402	202	245		
WHOLESALE TRADE -----	25,819	38.5	131.00	130.00	113.00-148.00	-	22	227	914	1677	2714	3637	3726	3973	3079	2499	1238	885	578	298	171	181		
RETAIL TRADE -----	14,228	39.0	118.50	118.00	102.50-135.00	4	70	379	881	1562	2324	2339	2201	1778	1242	708	393	216	68	50	11	6		
FINANCE ⁵ -----	62,282	37.5	123.50	122.00	105.00-138.50	4	79	761	3338	6731	9412	8991	9726	8854	5922	3374	2286	1300	620	326	266	289		
SERVICES -----	30,721	38.0	130.50	128.00	116.00-144.00	-	40	195	687	1740	2796	4564	6571	4760	3593	2250	1638	927	439	236	174	113		
SECRETARIES, CLASS A -----	20,193	38.5	152.00	151.00	131.00-171.50	-	-	55	207	413	752	1297	2016	2566	2481	2484	2516	1930	1323	778	581	794		
MANUFACTURING -----	10,144	39.0	153.50	153.00	133.50-172.00	-	-	7	67	148	294	567	1016	1215	1246	1376	1433	1066	751	375	235	348		
NONMANUFACTURING -----	10,049	38.5	150.50	148.50	129.00-171.00	-	-	48	140	265	457	731	1000	1350	1234	1108	1084	865	572	404	346	447		
PUBLIC UTILITIES ⁴ -----	1,734	39.0	168.00	167.00	147.00-188.00	-	-	-	-	8	27	66	59	123	220	185	236	232	188	147	108	136		
WHOLESALE TRADE -----	1,867	38.5	145.50	142.00	125.50-163.00	-	-	14	25	57	102	154	222	319	208	254	172	68	97	45	33	97		
RETAIL TRADE -----	1,418	38.5	131.50	133.50	109.50-153.50	-	-	30	82	103	144	134	144	224	143	136	111	89	32	38	7	3		
FINANCE ⁵ -----	3,546	38.0	149.00	147.00	128.50-167.50	-	-	3	25	77	153	294	416	476	521	380	377	308	161	96	121	137		
SERVICES -----	1,484	38.0	156.50	154.50	133.50-174.50	-	-	-	7	20	31	84	159	210	141	153	189	168	93	78	77	74		
SECRETARIES, CLASS B -----	62,123	38.5	140.00	139.50	122.50-158.00	-	43	202	868	2287	4197	5833	8386	9989	8684	7521	5639	3811	2209	1132	708	617		
MANUFACTURING -----	25,428	39.0	142.50	141.00	126.00-159.00	-	5	24	203	701	1235	2093	3515	4458	3714	3482	2396	1647	965	426	291	275		
NONMANUFACTURING -----	36,695	38.0	138.50	138.00	120.00-157.50	-	38	179	664	1586	2962	3740	4871	5531	4969	4040	3243	2165	1244	706	417	342		
PUBLIC UTILITIES ⁴ -----	5,168	38.5	152.50	153.00	136.50-170.00	-	-	2	34	79	155	240	397	640	820	762	755	650	298	188	70	80		
WHOLESALE TRADE -----	5,561	38.5	141.50	140.50	119.50-162.50	-	-	65	85	242	482	553	626	688	704	584	425	340	316	233	133	84		
RETAIL TRADE -----	3,075	38.5	126.00	127.00	109.50-144.00	-	21	54	107	195	409	448	478	422	367	269	180	87	24	9	3	3		
FINANCE ⁵ -----	16,950	37.5	134.00	133.50	117.00-151.50	-	18	57	341	926	1634	2023	2506	2906	2074	1710	1258	693	363	168	130	143		
SERVICES -----	5,942	38.0	142.50	142.00	126.50-160.00	-	-	-	97	143	283	475	864	875	1004	714	626	396	243	108	81	32		
SECRETARIES, CLASS C -----	98,456	38.5	131.00	130.00	116.00-146.50	8	84	479	2131	5217	9763	12866	18271	16088	13167	9853	5451	3316	1320	293	92	57		
MANUFACTURING -----	47,588	39.0	134.00	132.50	119.00-150.50	-	15	88	537	1678	4191	6223	9021	7460	6238	5820	3204	2001	854	185	49	27		
NONMANUFACTURING -----	50,868	38.5	128.00	128.50	113.00-143.00	8	69	391	1594	3539	5572	6644	9250	8628	6930	4033	2248	1315	466	108	43	30		
PUBLIC UTILITIES ⁴ -----	8,690	38.5	140.00	140.50	126.50-153.50	-	-	27	54	188	431	714	1246	1630	1659	1338	712	420	187	53	11	22		
WHOLESALE TRADE -----	8,743	38.5	132.50	133.50	117.00-149.00	-	-	29	257	485	808	941	1400	1459	1321	932	548	411	133	15	3	-		
RETAIL TRADE -----	4,658	39.5	119.50	120.50	106.50-134.50	4	27	111	212	413	615	885	860	709	497	222	63	31	12	2	-	-		
FINANCE ⁵ -----	19,465	38.0	121.50	122.00	106.00-135.50	4	31	171	843	1961	2940	3013	3603	3283	2206	720	399	209	56	11	15	1		
SERVICES -----	9,312	38.5	130.50	129.50	117.00-144.50	-	11	53	228	492	782	1090	2140	1550	1247	822	527	245	78	27	14	7		

See footnotes at end of table.

Table A-1. Office occupations—United States—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in all metropolitan areas, February 1970¹)

Sex, occupation, and industry division	Number of workers	Average weekly hours ² (standard)	Weekly earnings: ² (standard)			Number of workers receiving straight-time weekly earnings of—																		
			Mean ³	Median ³	Middle range ³	Under \$ 60	\$ 60 and under	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210		
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over		
WOMEN - CONTINUED																								
SECRETARIES ⁶ - CONTINUED																								
SECRETARIES, CLASS D -----	103,527	38.5	\$ 118.00	\$ 118.00	\$ 104.00-132.00	-	139	1438	5367	11989	17658	19456	18686	13907	8426	4584	1183	401	179	81	24	8		
MANUFACTURING -----	46,403	39.0	119.00	119.00	106.00-133.00	-	24	364	1665	4976	8151	9105	8490	6624	4169	2101	524	116	47	37	10	2		
NONMANUFACTURING -----	57,124	38.0	117.00	117.50	102.50-131.00	-	115	1074	3762	7013	9506	10351	10196	7283	4258	2485	659	285	132	44	14	6		
PUBLIC UTILITIES ⁴ -----	8,384	38.5	125.50	125.00	112.50-140.50	-	12	112	260	581	914	1230	1747	1361	1105	757	141	73	62	14	10	6		
WHOLESALE TRADE -----	9,512	38.0	120.00	119.50	106.50-135.50	-	22	118	546	870	1305	1976	1449	1482	823	721	95	66	32	5	2	-		
RETAIL TRADE -----	4,691	39.0	109.00	108.50	97.00-122.50	-	23	175	439	799	1043	817	688	402	216	65	23	3	-	-	-	-		
FINANCE ⁵ -----	21,085	37.5	111.00	109.00	97.00-124.00	-	30	529	2104	3699	4585	3512	3031	2044	955	399	150	31	15	3	-	-		
SERVICES -----	13,452	38.0	122.00	122.00	110.50-133.00	-	29	142	355	1065	1659	2816	3282	1993	1160	542	250	112	23	22	2	-		
STENOGRAPHERS, GENERAL -----	75,990	39.0	103.00	101.00	89.50-116.50	15	1064	5607	13281	16256	14247	10167	7029	5861	1689	603	133	38	2	-	-	1		
MANUFACTURING -----	32,428	39.5	105.50	103.50	92.00-119.50	-	136	1446	4952	7051	6324	4645	3929	3078	464	287	53	22	2	-	-	1		
NONMANUFACTURING -----	43,562	38.5	101.00	99.00	87.00-114.00	15	928	4161	8291	9205	7923	5522	3098	2783	1225	316	79	16	-	-	-	-		
PUBLIC UTILITIES ⁴ -----	11,675	39.5	110.00	108.50	91.50-121.00	-	21	791	1823	1849	1667	1361	1052	1961	901	207	40	3	-	-	-	-		
WHOLESALE TRADE -----	7,303	39.0	104.50	104.00	92.00-117.00	-	98	459	1021	1282	1680	1384	783	366	123	66	31	11	-	-	-	-		
RETAIL TRADE -----	3,017	39.0	92.00	92.00	81.50-102.50	15	131	447	777	736	508	232	114	33	8	9	8	-	-	-	-	-		
FINANCE ⁵ -----	16,505	38.0	94.00	93.50	83.50-104.00	-	607	2220	4058	4077	2972	1755	659	127	27	4	-	-	-	-	-	-		
SERVICES -----	5,063	38.0	104.50	102.50	92.50-116.50	-	70	246	613	1263	1096	790	489	297	167	30	-	2	-	-	-	-		
STENOGRAPHERS, SENIOR -----	62,990	39.0	118.50	118.00	103.50-133.00	-	80	567	3374	7902	10614	11814	10398	7344	7231	2356	1055	157	90	8	1	-		
MANUFACTURING -----	30,176	39.5	121.00	119.50	105.00-137.50	-	18	138	1187	3657	4937	5556	4354	3498	4697	1332	676	79	43	5	-	-		
NONMANUFACTURING -----	32,814	38.5	116.00	116.50	102.00-129.50	-	62	429	2188	4244	5677	6258	6044	3846	2534	1024	380	78	47	3	1	-		
PUBLIC UTILITIES ⁴ -----	5,982	39.5	122.50	123.00	108.00-137.00	-	5	51	236	600	729	1106	974	1083	714	305	129	21	31	-	-	-		
WHOLESALE TRADE -----	5,867	39.0	123.00	124.00	110.00-138.00	-	6	46	271	397	726	1022	1266	850	781	392	80	27	4	-	-	-		
RETAIL TRADE -----	1,347	39.0	109.50	108.50	95.50-122.00	-	2	22	193	196	304	254	145	119	59	22	19	13	-	-	-	-		
FINANCE ⁵ -----	11,873	38.0	108.50	107.50	96.00-121.50	-	37	283	1315	2274	2677	2050	1925	842	362	60	48	-	-	-	-	-		
SERVICES -----	7,745	37.5	119.50	119.00	107.50-130.00	-	12	27	172	778	1244	1827	1734	952	617	245	103	17	12	3	1	-		
SWITCHBOARD OPERATORS, CLASS A -----	12,105	38.5	113.50	113.00	100.00-127.00	-	58	304	919	1759	2343	2305	1955	1186	825	306	105	33	2	6	-	-		
MANUFACTURING -----	5,155	39.0	116.50	115.50	102.50-130.00	-	4	74	296	690	967	1083	752	511	523	163	76	9	1	6	-	-		
NONMANUFACTURING -----	6,950	38.5	111.00	111.00	97.50-125.50	-	54	230	622	1069	1376	1222	1203	675	302	144	29	24	1	-	-	-		
PUBLIC UTILITIES ⁴ -----	1,595	39.0	121.00	124.00	110.00-131.00	-	2	15	40	118	227	235	519	261	124	35	15	2	1	-	-	-		
WHOLESALE TRADE -----	853	38.5	116.00	115.00	101.50-133.00	-	-	36	42	114	159	135	109	117	96	30	11	5	-	-	-	-		
RETAIL TRADE -----	688	39.0	98.50	100.00	85.00-112.00	-	22	48	164	111	140	134	42	17	9	1	-	-	-	-	-	-		
FINANCE ⁵ -----	2,624	37.5	107.00	105.50	95.00-118.50	-	21	60	274	567	608	518	342	146	19	51	1	17	-	-	-	-		
SERVICES -----	1,190	38.0	111.50	110.50	97.50-126.00	-	9	72	101	158	242	200	190	134	54	27	2	-	-	-	-	-		
SWITCHBOARD OPERATORS, CLASS B -----	21,205	39.0	92.00	91.00	77.00-105.50	394	2184	3695	3837	4180	2645	2005	1442	569	205	43	7	-	-	-	-	-		
MANUFACTURING -----	2,810	38.5	104.50	104.50	92.00-118.00	-	66	158	358	505	591	517	373	201	36	5	1	-	-	-	-	-		
NONMANUFACTURING -----	18,395	39.5	90.00	89.00	75.50-102.50	394	2118	3537	3477	3675	2054	1487	1070	368	169	38	6	-	-	-	-	-		
PUBLIC UTILITIES ⁴ -----	1,740	39.0	114.00	117.00	101.50-126.50	-	8	38	144	206	230	357	511	112	106	22	6	-	-	-	-	-		
WHOLESALE TRADE -----	1,302	39.0	103.50	102.00	90.50-118.50	-	49	77	179	299	182	231	165	78	41	1	-	-	-	-	-	-		
RETAIL TRADE -----	4,513	39.0	84.00	83.50	73.00- 95.00	109	672	1097	1077	824	470	154	68	25	8	10	-	-	-	-	-	-		
FINANCE ⁵ -----	4,566	38.0	96.00	94.50	85.00-106.50	20	118	487	1115	1130	760	597	194	142	3	-	-	-	-	-	-	-		
SERVICES -----	6,274	40.5	81.00	78.50	70.00- 92.00	265	1270	1840	963	1217	412	150	131	12	10	5	-	-	-	-	-	-		
SWITCHBOARD OPERATOR-RECEPTIONISTS -----	34,479	39.0	97.00	96.00	85.50-108.00	26	939	4102	6906	8474	6456	3697	2187	872	487	295	33	-	5	1	-	-		
MANUFACTURING -----	15,986	39.5	97.50	97.00	87.50-107.50	-	279	1481	3125	4455	3298	1758	957	431	111	76	16	-	-	-	-	-		
NONMANUFACTURING -----	18,493	39.0	96.50	94.50	83.50-108.50	26	660	2620	3781	4019	3159	1939	1230	442	377	220	17	-	5	1	-	-		
PUBLIC UTILITIES ⁴ -----	2,175	39.5	107.00	105.50	86.50-125.00	-	91	214	345	285	270	301	204	133	201	112	16	-	-	-	-	-		
WHOLESALE TRADE -----	6,883	39.0	99.00	97.00	87.00-111.50	-	78	770	1268	1717	1195	909	514	203	155	76	-	-	-	-	-	-		
RETAIL TRADE -----	3,515	39.5	85.50	83.50	74.00- 95.50	10	352	996	910	559	398	146	93	31	18	2	-	-	-	1	-	-		
FINANCE ⁵ -----	3,046	38.0	93.00	92.50	83.00-102.50	13	84	439	805	755	604	225	97	10	-	15	-	-	-	-	-	-		
SERVICES -----	2,875	38.5	100.50	100.50	90.00-111.00	3	57	202	454	702	691	360	323	64	3	15	1	-	-	-	-	-		

See footnotes at end of table.

Table A-1. Office occupations—United States—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in all metropolitan areas, February 1970¹)

Sex, occupation, and industry division	Number of workers	Average weekly hours ² (standard)	Weekly earnings ² (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ³	Median ³	Middle range ³	Under \$ 60	\$ 60 and under 70	\$ 70 80	\$ 80 90	\$ 90 100	\$ 100 110	\$ 110 120	\$ 120 130	\$ 130 140	\$ 140 150	\$ 150 160	\$ 160 170	\$ 170 180	\$ 180 190	\$ 190 200	\$ 200 210	\$ 210 and over							
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over							
WOMEN - CONTINUED																													
TABULATING-MACHINE OPERATORS, CLASS A -----	1,359	39.0	\$ 134.50	\$ 132.50	\$ 119.00-150.50	-	-	-	7	74	121	159	245	253	151	141	88	91	13	9	5	4							
MANUFACTURING -----	592	39.5	139.00	138.00	119.50-157.00	-	-	-	4	15	49	88	58	91	57	96	66	50	9	6	1	1							
NONMANUFACTURING -----	767	38.5	131.00	129.50	119.00-142.00	-	-	-	3	58	71	72	187	162	93	46	22	41	4	3	4	3							
FINANCE ⁵ -----	392	37.5	126.50	128.00	117.00-136.50	-	-	-	1	20	46	49	118	75	55	21	5	3	-	-	-	-							
TABULATING-MACHINE OPERATORS, CLASS B -----	3,945	39.0	112.50	111.00	96.50-126.50	-	-	132	485	609	683	656	557	345	268	136	35	18	22	-	-	-							
MANUFACTURING -----	1,264	39.5	120.50	119.00	105.50-135.50	-	-	7	66	137	225	223	177	213	114	51	19	12	21	-	-	-							
NONMANUFACTURING -----	2,681	38.5	108.50	106.50	93.50-122.00	-	-	125	420	472	457	434	380	132	153	85	16	6	1	-	-	-							
PUBLIC UTILITIES ⁴ -----	1,334	38.5	107.50	104.00	90.00-122.00	-	-	95	242	237	198	164	210	74	59	44	8	4	-	-	-	-							
WHOLESALE TRADE -----	384	39.5	114.00	110.50	93.50-141.00	-	-	14	62	60	52	52	23	16	75	26	1	2	1	-	-	-							
FINANCE ⁵ -----	722	37.5	106.50	107.00	96.00-117.00	-	-	16	105	119	175	177	81	21	16	8	2	-	-	-	-	-							
TABULATING-MACHINE OPERATORS, CLASS C -----	2,272	38.5	95.00	91.50	82.00-105.50	-	23	404	625	446	330	239	109	58	18	12	10	-	-	-	-	-							
MANUFACTURING -----	520	39.5	103.50	102.00	92.00-111.50	-	4	12	96	107	165	58	27	32	10	5	5	-	-	-	-	-							
NONMANUFACTURING -----	1,752	38.0	92.50	88.50	80.50-102.00	-	19	392	529	339	165	181	82	25	8	7	5	-	-	-	-	-							
PUBLIC UTILITIES ⁴ -----	817	37.5	90.00	84.50	79.00-97.50	-	-	242	291	96	59	95	8	12	3	4	5	-	-	-	-	-							
FINANCE ⁵ -----	438	38.0	91.00	91.00	82.00-99.50	-	19	66	121	131	63	24	10	5	1	-	-	-	-	-	-	-							
TRANSCRIBING-MACHINE OPERATORS, GENERAL -----	18,605	38.5	96.00	94.00	84.00-106.50	17	482	2691	4169	4302	3419	1787	831	590	147	120	10	1	19	19	2	-							
MANUFACTURING -----	5,200	39.0	97.50	97.00	86.00-109.00	-	128	695	861	1237	1057	641	410	129	21	21	-	1	1	-	-	-							
NONMANUFACTURING -----	13,404	38.5	95.50	93.00	83.00-105.50	17	354	1996	3307	3065	2362	1147	421	462	126	99	10	-	18	19	2	-							
PUBLIC UTILITIES ⁴ -----	506	39.0	115.50	115.50	98.00-133.50	-	1	24	53	66	77	52	52	105	26	48	3	-	-	-	-	-							
WHOLESALE TRADE -----	2,307	39.5	97.00	95.00	85.50-108.00	-	70	241	529	538	467	252	95	81	28	6	1	-	-	-	-	-							
RETAIL TRADE -----	472	39.5	93.00	92.50	81.50-105.50	-	40	63	106	109	76	45	19	12	1	-	-	-	-	-	-	-							
FINANCE ⁵ -----	8,146	38.0	92.00	90.50	82.00-100.50	17	189	1413	2293	2099	1264	569	155	108	25	6	6	-	1	1	2	-							
SERVICES -----	1,974	38.5	103.50	102.00	86.50-117.00	-	54	256	326	253	479	230	100	156	46	39	-	-	17	18	-	-							
TYPISTS, CLASS A -----	52,434	38.5	103.00	101.00	90.00-114.50	-	269	3468	9165	12098	10939	7095	4376	2430	1918	555	72	22	24	1	-	2							
MANUFACTURING -----	22,367	39.5	106.50	104.00	93.50-118.50	-	8	758	3139	5250	4758	3343	2275	1287	1206	277	26	18	20	1	-	2							
NONMANUFACTURING -----	30,067	38.0	100.50	99.00	88.00-111.50	-	261	2710	6026	6847	6182	3753	2102	1143	711	278	46	4	4	-	-	-							
PUBLIC UTILITIES ⁴ -----	4,538	39.0	104.50	101.00	88.00-118.50	-	21	478	836	860	725	551	312	372	252	113	17	3	-	-	-	-							
WHOLESALE TRADE -----	3,122	39.0	102.00	101.00	90.00-112.50	-	11	211	565	704	748	397	297	134	40	15	1	-	-	-	-	-							
RETAIL TRADE -----	1,778	39.0	101.00	101.00	91.00-112.50	-	11	69	310	441	447	261	178	43	15	4	-	-	-	-	-	-							
FINANCE ⁵ -----	15,456	37.5	96.50	95.00	85.50-105.50	-	161	1689	3851	3909	3143	1555	679	271	128	56	14	-	-	-	-	-							
SERVICES -----	5,173	38.0	108.50	107.50	95.50-121.00	-	59	264	463	935	1119	989	635	323	276	90	14	1	4	-	-	-							
TYPISTS, CLASS B -----	98,426	38.5	88.50	87.00	78.00-97.50	109	6632	21950	28629	20882	10919	5143	2367	1219	403	145	31	-	-	-	-	-							
MANUFACTURING -----	30,077	39.5	92.00	90.50	81.50-101.00	-	920	5068	8630	7310	4321	1902	1047	704	98	78	-	-	-	-	-	-							
NONMANUFACTURING -----	68,349	38.0	87.00	85.50	76.50-95.50	109	5712	16882	19998	13572	6598	3240	1320	515	305	67	31	-	-	-	-	-							
PUBLIC UTILITIES ⁴ -----	6,523	39.0	88.00	94.00	84.00-110.00	-	80	945	1554	1376	920	742	421	259	210	17	2	-	-	-	-	-							
WHOLESALE TRADE -----	7,924	39.0	89.00	87.50	78.50-99.00	-	398	1844	2182	1676	951	638	157	38	29	11	-	-	-	-	-	-							
RETAIL TRADE -----	6,112	39.0	87.50	86.50	77.50-97.00	42	491	1365	1605	1426	534	346	242	57	1	4	-	-	-	-	-	-							
FINANCE ⁵ -----	39,504	37.5	84.00	83.50	75.00-92.00	41	4167	11395	12356	7404	2887	911	184	92	6	32	29	-	-	-	-	-							
SERVICES -----	8,286	38.5	91.50	89.50	80.50-102.00	27	576	1334	2301	1692	1307	603	316	69	59	3	-	-	-	-	-	-							

¹ Average month of reference. Data were collected during the period July 1969 through June 1970.² 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.³ 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.⁴ Transportation, communication, and other public utilities.⁵ Finance, insurance, and real estate.⁶ May include workers other than those presented separately.

Table A-2. Office occupations—Northeast

(Average straight-time weekly hours and earnings for selected occupations by industry division in the Northeast, ¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under 60	\$ 60 70	\$ 70 80	\$ 80 90	\$ 90 100	\$ 100 110	\$ 110 120	\$ 120 130	\$ 130 140	\$ 140 150	\$ 150 160	\$ 160 170	\$ 170 180	\$ 180 190	\$ 190 200	\$ 200 210	\$ 210 over				
MEN																										
CLERKS, ACCOUNTING, CLASS A -----	6,563	38.0	\$ 143.50	\$ 142.00	\$ 125.50-161.00	-	-	-	15	187	283	669	861	1064	987	795	678	517	180	127	91	109				
MANUFACTURING -----	3,166	39.0	145.00	145.50	124.50-165.00	-	-	-	7	86	199	334	367	466	329	379	457	276	103	48	47	67				
NONMANUFACTURING -----	3,397	37.5	142.50	141.00	126.00-155.00	-	-	-	8	101	82	336	495	599	658	415	221	241	77	79	44	42				
PUBLIC UTILITIES ⁵ -----	1,097	38.0	152.50	149.00	139.50-168.00	-	-	-	-	6	13	51	88	124	294	156	111	114	56	48	18	20				
WHOLESALE TRADE -----	573	37.5	147.00	143.00	127.50-158.50	-	-	-	-	-	5	54	100	98	107	79	30	37	7	11	24	21				
RETAIL TRADE -----	288	38.0	123.00	125.00	103.00-139.00	-	-	-	5	60	18	31	72	34	15	19	20	12	1	-	-	-				
FINANCE ⁶ -----	1,108	37.0	138.00	136.50	124.50-150.00	-	-	-	3	28	34	122	170	270	203	137	55	63	10	15	-	-				
SERVICES -----	332	36.5	132.50	130.50	117.50-142.50	-	-	-	-	7	12	77	67	74	39	24	5	16	3	5	2	1				
CLERKS, ACCOUNTING, CLASS B -----	4,481	38.0	119.00	119.50	102.00-136.00	-	29	64	422	476	574	696	502	842	487	238	121	31	-	-	-	-				
MANUFACTURING -----	1,363	39.0	116.50	116.50	99.00-133.00	-	-	35	155	164	163	240	96	319	126	48	10	9	-	-	-	-				
NONMANUFACTURING -----	3,118	37.5	120.00	121.00	103.00-138.00	-	29	29	268	311	411	457	465	524	361	190	111	22	-	-	-	-				
PUBLIC UTILITIES ⁵ -----	1,024	37.5	131.00	135.00	121.50-145.50	-	-	11	105	10	45	68	148	291	132	107	85	22	-	-	-	-				
WHOLESALE TRADE -----	786	37.5	122.00	123.00	106.00-141.50	-	-	7	48	97	76	117	99	123	149	44	26	-	-	-	-	-				
RETAIL TRADE -----	280	37.5	99.50	99.50	89.50-116.50	-	28	5	40	70	61	21	35	16	4	1	-	-	-	-	-	-				
FINANCE ⁶ -----	818	37.0	113.50	112.00	101.00-129.00	-	1	6	76	106	187	144	102	84	74	38	-	-	-	-	-	-				
CLERKS, FILE, CLASS A -----	275	37.5	123.50	118.50	102.00-141.00	-	-	12	23	26	35	52	8	49	18	32	5	2	-	2	4	9				
CLERKS, FILE, CLASS B -----	470	37.0	101.00	100.00	90.50-109.00	-	2	12	94	125	131	28	44	34	1	-	-	-	-	-	-	-				
NONMANUFACTURING -----	314	36.5	100.00	100.00	90.50-108.00	-	2	11	61	84	97	13	35	10	1	-	-	-	-	-	-	-				
CLERKS, ORDER -----	3,387	39.0	138.50	136.50	116.00-154.50	-	-	41	69	153	243	427	439	485	336	438	271	133	108	90	77	77				
MANUFACTURING -----	1,860	39.5	143.50	141.00	121.00-157.50	-	-	3	8	45	154	230	190	281	228	271	109	87	78	61	47	69				
NONMANUFACTURING -----	1,527	39.0	132.50	131.00	116.00-153.50	-	-	38	61	108	89	197	248	205	108	167	162	46	30	29	30	8				
WHOLESALE TRADE -----	1,460	39.0	133.50	132.50	116.50-154.00	-	-	34	48	104	87	190	227	193	107	164	162	46	30	29	30	8				
CLERKS, PAYROLL -----	1,184	39.0	135.50	134.50	116.50-149.50	-	-	1	25	39	150	139	166	164	211	75	54	78	58	6	7	11				
MANUFACTURING -----	742	39.5	140.50	137.50	121.00-158.50	-	-	-	-	22	84	63	113	120	125	35	36	76	47	3	5	11				
NONMANUFACTURING -----	443	38.0	128.00	127.50	110.50-144.00	-	-	1	25	17	65	76	53	44	86	40	18	2	11	3	2	-				
KEYPUNCH OPERATORS, CLASS A -----	286	38.5	127.50	132.00	113.00-143.50	-	-	1	6	5	36	58	28	36	111	4	-	-	-	-	-	-				
OFFICE BOYS -----	8,669	37.0	89.00	87.00	80.00-96.50	1	354	1821	3015	1796	935	391	228	98	26	4	-	-	-	-	-	-				
MANUFACTURING -----	3,011	37.0	88.50	87.50	80.50-96.00	-	143	535	1109	631	356	161	44	29	2	-	-	-	-	-	-	-				
NONMANUFACTURING -----	5,658	37.0	89.00	87.00	79.50-96.50	1	211	1286	1905	1165	581	230	184	70	24	4	-	-	-	-	-	-				
PUBLIC UTILITIES ⁵ -----	955	37.5	99.00	93.50	84.50-112.00	-	-	120	218	251	110	71	98	63	24	-	-	-	-	-	-	-				
WHOLESALE TRADE -----	787	36.0	91.50	92.00	82.00-103.00	-	18	148	194	154	204	42	23	-	-	4	-	-	-	-	-	-				
RETAIL TRADE -----	261	36.5	84.50	83.50	78.50-93.00	-	17	63	99	42	34	1	-	4	-	-	-	-	-	-	-	-				
FINANCE ⁶ -----	2,312	37.0	85.50	85.50	78.50-92.50	-	110	555	924	528	84	75	34	3	-	-	-	-	-	-	-	-				
SERVICES -----	1,344	36.5	87.00	85.50	78.00-93.50	1	66	400	471	189	147	40	29	-	-	-	-	-	-	-	-	-				
SECRETARIES -----	351	38.0	158.50	158.50	135.00-184.00	-	-	-	4	6	10	13	39	31	50	27	62	10	25	48	4	24				
TABULATING-MACHINE OPERATORS, CLASS A -----	1,189	38.0	144.00	140.00	125.00-160.50	-	-	-	3	15	55	125	192	202	158	137	75	112	40	37	26	12				
MANUFACTURING -----	554	39.5	148.50	146.00	130.50-166.50	-	-	-	-	1	14	51	67	109	73	61	49	62	22	24	11	9				
NONMANUFACTURING -----	635	37.0	140.00	135.50	122.50-154.50	-	-	-	3	14	41	74	125	92	85	76	26	50	18	13	15	3				
FINANCE ⁶ -----	405	36.0	133.50	131.50	119.00-148.50	-	-	-	3	14	30	62	82	67	52	44	14	36	1	-	-	-				
TABULATING-MACHINE OPERATORS, CLASS B -----	1,783	37.5	120.50	119.50	107.00-132.50	-	-	9	48	217	257	377	359	237	159	70	21	14	13	3	-	-				
MANUFACTURING -----	619	39.0	123.00	122.50	111.00-133.50	-	-	-	8	42	94	131	133	113	55	25	6	10	2	-	-	-				
NONMANUFACTURING -----	1,164	37.0	119.00	118.00	105.50-131.00	-	-	9	40	175	164	246	226	123	104	46	15	4	11	3	-	-				
FINANCE ⁶ -----	747	36.5	114.50	116.00	102.50-125.50	-	-	4	26	134	124	177	151	78	47	6	-	-	-	-	-	-				

See footnotes at end of table.

Table A-2. Office occupations—Northeast—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the Northeast, ¹ February 1970 ²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																		
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over		
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over		
MEN - CONTINUED																								
TABULATING-MACHINE OPERATORS, CLASS C -----	923	37.5	\$ 103.50	\$ 103.00	\$ 95.00-113.50	-	8	15	152	196	249	173	75	42	10	2	1	1	-	-	-	-	-	-
NONMANUFACTURING -----	693	37.0	104.00	103.00	94.50-114.00	-	-	11	117	157	177	126	61	32	9	-	1	1	-	-	-	-	-	-
FINANCE ⁶ -----	443	36.0	100.50	100.50	90.50-109.50	-	-	11	95	107	123	68	33	5	-	-	-	-	-	-	-	-	-	-
TYPISTS, CLASS B -----	385	37.0	105.00	106.50	94.50-114.50	-	-	13	29	83	97	93	52	17	2	-	-	-	-	-	-	-	-	-
WOMEN																								
BILLERS, MACHINE (BILLING MACHINE) -----	3,069	38.0	102.50	101.00	85.50-121.50	-	176	257	544	520	374	392	328	257	176	43	2	-	-	-	-	-	-	-
MANUFACTURING -----	1,171	39.0	101.00	100.00	87.00-115.50	-	1	70	277	239	171	221	96	71	19	6	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	1,899	38.0	103.50	101.50	84.50-126.50	-	175	188	267	280	203	171	233	186	157	37	2	-	-	-	-	-	-	-
WHOLESALE TRADE -----	957	37.5	112.50	114.50	97.00-131.50	-	-	32	97	156	158	80	166	145	87	33	2	-	-	-	-	-	-	-
RETAIL TRADE -----	400	38.0	79.00	75.00	67.50- 89.50	-	145	77	83	71	7	7	6	4	-	-	-	-	-	-	-	-	-	-
BILLERS, MACHINE (BOOKKEEPING MACHINE) -----	1,853	38.0	94.00	93.00	83.00-104.00	5	137	192	442	460	253	156	147	46	11	2	1	1	-	-	-	-	-	-
MANUFACTURING -----	649	38.0	99.50	97.50	85.00-112.50	-	29	30	155	167	88	48	81	46	1	2	1	1	-	-	-	-	-	-
NONMANUFACTURING -----	1,205	37.5	91.00	91.00	81.00-102.00	5	108	162	287	293	165	108	66	-	10	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	582	37.5	83.50	85.50	73.00- 92.50	5	92	133	149	126	43	18	16	-	-	-	-	-	-	-	-	-	-	-
BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	2,970	37.5	117.50	118.00	107.00-131.00	-	-	14	163	280	417	743	567	478	160	130	17	1	-	-	-	-	-	-
MANUFACTURING -----	1,204	38.0	117.50	118.00	108.00-130.50	-	-	-	34	111	191	322	232	226	69	6	13	1	-	-	-	-	-	-
NONMANUFACTURING -----	1,766	37.0	117.50	118.50	106.50-132.00	-	-	14	129	169	226	421	336	253	91	124	4	-	-	-	-	-	-	-
WHOLESALE TRADE -----	777	37.5	119.50	119.00	107.00-138.50	-	-	-	90	62	81	172	101	108	49	114	-	-	-	-	-	-	-	-
FINANCE -----	515	36.0	112.50	115.50	102.50-123.50	-	-	-	34	69	89	154	84	69	10	6	-	-	-	-	-	-	-	-
BOOKKEEPING-MACHINE OPERATORS, CLASS B -----	4,812	38.0	98.50	96.50	85.00-111.50	2	63	487	1170	1002	794	589	400	141	120	26	15	3	-	-	-	-	-	-
MANUFACTURING -----	1,736	38.0	101.00	98.50	89.00-113.00	2	4	81	395	447	303	272	143	45	21	13	7	3	-	-	-	-	-	-
NONMANUFACTURING -----	3,076	37.5	97.50	94.50	83.50-110.50	-	59	406	774	555	491	317	257	96	99	13	8	-	-	-	-	-	-	-
WHOLESALE TRADE -----	931	38.5	102.00	98.50	87.50-119.00	-	-	69	235	177	99	134	135	29	53	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	635	38.0	88.00	87.50	78.50-100.50	-	39	131	181	113	124	37	5	4	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	1,130	36.5	97.00	93.00	82.50-110.00	-	20	183	287	215	145	99	92	46	31	13	-	-	-	-	-	-	-	-
SERVICES -----	280	37.5	101.50	105.00	84.50-110.00	-	-	15	70	39	88	32	11	11	15	-	-	-	-	-	-	-	-	-
CLERKS, ACCOUNTING, CLASS A -----	13,739	38.0	122.00	121.00	108.00-137.00	-	7	113	495	1122	2111	2710	2401	1927	1231	956	413	167	65	17	3	4	4	4
MANUFACTURING -----	6,071	38.5	122.50	122.00	107.00-137.00	-	-	7	151	491	1150	981	1158	851	625	341	198	90	20	7	-	2	2	2
NONMANUFACTURING -----	7,668	37.5	122.00	120.50	108.50-137.00	-	7	106	344	630	961	1729	1243	1077	605	615	215	77	45	10	3	2	2	2
PUBLIC UTILITIES ⁵ -----	1,928	38.0	129.00	123.50	114.50-142.00	-	-	-	2	28	56	735	303	274	227	205	42	22	30	2	2	-	-	-
WHOLESALE TRADE -----	1,363	37.5	124.50	123.50	110.00-138.50	-	-	-	58	93	188	233	280	202	81	91	92	36	3	7	-	-	-	-
RETAIL TRADE -----	1,278	38.0	111.00	112.00	101.50-124.00	-	7	77	73	129	275	306	200	135	44	21	11	-	2	-	-	-	-	-
FINANCE ⁶ -----	1,988	37.0	118.50	118.00	100.00-136.50	-	-	30	180	284	290	267	288	277	132	198	26	15	-	-	-	-	-	-
SERVICES -----	1,110	37.5	125.00	124.50	110.00-140.50	-	-	-	30	96	154	189	171	189	120	100	43	4	10	1	1	2	2	2
CLERKS, ACCOUNTING, CLASS B -----	25,771	37.5	97.50	95.00	85.00-108.50	5	320	3171	6035	6017	4239	2995	1629	598	511	163	65	20	2	-	-	-	-	-
MANUFACTURING -----	8,752	38.5	99.00	97.00	87.50-110.00	-	53	631	2099	2250	1562	1168	497	237	178	70	10	-	-	-	-	-	-	-
NONMANUFACTURING -----	17,019	37.5	96.50	94.00	83.50-108.00	5	268	2541	3937	3768	2677	1827	1132	361	334	93	55	20	2	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	4,568	37.0	100.00	97.50	82.00-113.00	-	5	912	923	589	773	543	415	132	159	53	48	16	-	-	-	-	-	-
WHOLESALE TRADE -----	3,107	37.5	101.00	99.00	87.50-116.00	-	10	330	617	655	436	463	316	125	133	24	-	-	-	-	-	-	-	-
RETAIL TRADE -----	4,334	38.0	90.00	90.00	81.50- 98.00	5	198	687	1292	1233	566	224	82	24	7	6	4	4	2	-	-	-	-	-
FINANCE ⁶ -----	3,488	37.0	95.00	93.00	83.50-104.50	-	37	519	876	879	557	355	195	47	19	3	3	-	-	-	-	-	-	-
SERVICES -----	1,522	37.0	100.50	100.00	91.00-112.50	-	18	94	230	413	345	242	124	33	16	7	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-2. Office occupations—Northeast—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the Northeast, ¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ¹ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over				
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over				
WOMEN - CONTINUED																										
CLERKS, FILE, CLASS A -----	3,039	37.0	\$ 105.00	\$ 103.50	\$ 92.00-117.50	-	4	208	438	595	712	435	362	140	91	44	5	5	-	-	-	-	-	-	-	
MANUFACTURING -----	944	38.0	107.00	106.00	94.50-119.50	-	-	34	125	177	261	119	131	66	21	4	3	5	-	-	-	-	-	-	-	
NONMANUFACTURING -----	2,095	36.5	104.00	102.50	91.00-116.50	-	4	174	313	418	451	316	232	74	70	40	2	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	1,432	36.5	101.00	100.50	88.00-114.00	-	3	161	260	269	300	220	151	23	35	8	1	-	-	-	-	-	-	-	-	
CLERKS, FILE, CLASS B -----	8,762	37.5	90.00	88.50	80.00- 99.00	20	403	1765	2576	1984	1107	546	226	117	13	3	2	-	-	-	-	-	-	-	-	
MANUFACTURING -----	2,416	38.0	92.00	90.50	83.00-101.50	-	42	355	757	589	397	179	60	33	2	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	6,347	37.0	89.00	87.50	79.00- 98.00	20	361	1410	1819	1395	710	367	166	84	11	3	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	377	38.5	106.50	106.00	94.50-119.00	-	-	10	40	108	70	65	50	25	9	-	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	759	37.0	94.00	90.00	82.00-107.50	-	36	114	236	139	66	73	50	41	1	3	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	656	38.5	81.50	80.00	70.50- 93.00	8	139	177	137	93	66	35	-	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	4,020	36.5	87.50	86.00	78.50- 95.50	12	182	992	1274	915	412	178	37	18	1	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	535	37.0	91.00	90.50	81.00-100.50	-	4	119	132	140	96	16	29	-	-	-	-	-	-	-	-	-	-	-	-	
CLERKS, FILE, CLASS C -----	11,910	37.0	81.00	80.00	73.00- 88.50	101	1653	4110	3522	1545	706	199	55	19	-	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	1,895	38.0	83.50	82.50	76.00- 92.00	-	179	559	559	342	156	52	8	-	-	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	10,015	37.0	80.50	79.50	73.00- 88.00	101	1475	3551	2923	1203	549	147	47	19	-	-	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	951	37.0	88.00	87.00	78.00- 98.00	6	43	224	300	168	167	27	1	15	-	-	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	989	37.5	89.00	89.00	79.00-102.00	-	53	218	251	154	210	71	29	3	-	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	1,115	38.5	72.00	70.50	64.50- 78.00	64	474	336	200	33	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	6,203	36.5	79.50	79.00	73.00- 86.50	18	874	2525	1888	750	120	10	16	1	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	757	37.0	84.00	83.00	77.50- 89.50	14	30	248	284	98	48	35	1	-	-	-	-	-	-	-	-	-	-	-	-	
CLERKS, ORDER -----	8,007	38.0	99.50	98.00	87.00-111.50	-	251	724	1559	1863	1382	1078	501	323	120	106	42	14	-	-	-	-	1	2		
MANUFACTURING -----	4,160	38.0	101.00	99.00	90.00-112.00	-	47	229	781	1199	723	629	276	153	56	25	26	14	-	-	-	-	1	2		
NONMANUFACTURING -----	3,847	38.0	97.50	95.00	83.50-111.00	-	204	495	818	664	660	449	226	170	64	81	16	-	-	-	-	-	-	-		
WHOLESALE TRADE -----	2,443	37.5	103.00	102.50	88.00-115.50	-	15	229	477	365	519	373	158	160	53	79	16	-	-	-	-	-	-	-		
RETAIL TRADE -----	1,042	38.5	88.00	88.50	77.00- 98.00	-	147	176	244	263	119	47	37	-	6	2	-	-	-	-	-	-	-	-		
CLERKS, PAYROLL -----	9,651	38.5	106.50	104.50	90.50-122.00	-	135	726	1455	1626	1644	1454	1023	716	395	230	160	68	21	-	-	-	-	-		
MANUFACTURING -----	6,059	39.0	104.00	102.50	88.00-118.00	-	112	504	1096	1037	1072	881	547	426	173	112	51	46	4	-	-	-	-	-		
NONMANUFACTURING -----	3,592	37.5	111.50	110.50	95.00-127.50	-	23	221	359	589	573	572	476	290	222	117	109	22	17	-	-	-	-	-		
PUBLIC UTILITIES ⁵ -----	564	38.0	121.00	121.00	99.00-141.00	-	-	26	54	67	55	76	70	70	56	56	9	7	17	-	-	-	-	-		
WHOLESALE TRADE -----	444	37.0	113.50	115.00	102.00-126.00	-	-	33	21	47	82	127	44	23	44	13	7	2	-	-	-	-	-	-		
RETAIL TRADE -----	1,066	38.0	99.00	98.50	87.50-110.50	-	14	127	170	265	220	106	117	22	12	2	10	2	-	-	-	-	-	-		
FINANCE ⁶ -----	813	36.0	119.50	119.50	101.50-135.00	-	4	17	57	106	101	122	122	115	52	25	83	7	-	-	-	-	-	-		
SERVICES -----	705	37.5	112.50	112.50	99.00-126.00	-	5	18	58	106	114	140	124	59	58	21	-	4	-	-	-	-	-	-		
COMPTOMETER OPERATORS -----	5,842	37.0	104.00	102.50	89.50-118.00	7	109	549	828	1137	950	935	621	486	119	58	37	7	-	-	-	-	-	-		
MANUFACTURING -----	1,405	38.0	104.00	102.00	90.50-115.00	-	22	82	220	323	257	219	124	86	32	31	11	1	-	-	-	-	-	-		
NONMANUFACTURING -----	4,437	37.0	104.00	103.00	89.00-119.00	7	87	468	608	814	693	716	498	400	87	27	26	6	-	-	-	-	-	-		
PUBLIC UTILITIES ⁵ -----	561	38.0	115.50	117.50	105.50-128.00	-	-	5	38	63	80	114	165	79	13	-	4	-	-	-	-	-	-	-		
WHOLESALE TRADE -----	852	37.5	105.50	104.00	93.00-123.50	-	27	51	104	188	111	132	66	161	2	8	3	-	-	-	-	-	-	-		
RETAIL TRADE -----	2,371	37.0	98.00	98.00	84.00-110.50	7	57	388	369	498	433	332	168	67	29	12	4	6	-	-	-	-	-	-		
KEYPUNCH OPERATORS, CLASS A -----	15,356	38.0	109.00	108.00	97.50-120.00	-	33	334	1348	2931	3635	3183	2001	1177	492	166	27	24	4	-	-	-	-	-		
MANUFACTURING -----	6,616	38.5	107.00	105.50	97.50-116.00	-	10	68	501	1577	1770	1601	669	284	77	43	11	7	-	-	-	-	-	-		
NONMANUFACTURING -----	8,740	37.0	110.50	110.00	98.00-124.50	-	23	266	847	1354	1865	1583	1332	893	415	123	16	17	4	-	-	-	-	-		
PUBLIC UTILITIES ⁵ -----	1,380	38.5	123.00	125.50	112.00-134.00	-	-	21	64	99	130	208	366	262	132	77	5	15	1	-	-	-	-	-		
WHOLESALE TRADE -----	1,303	38.0	112.00	112.50	99.00-127.00	-	-	4	123	222	263	207	253	160	53	10	6	-	3	-	-	-	-	-		
RETAIL TRADE -----	1,559	37.5	103.50	105.00	95.00-113.50	-	3	22	51	169	194	142	50	22	4	2	-	-	-	-	-	-	-	-		
FINANCE ⁶ -----	4,347	36.5	107.50	107.50	96.00-120.00	-	20	198	513	682	1016	825	515	391	157	25	3	2	-	-	-	-	-	-		
SERVICES -----	1,052	37.5	109.00	108.50	98.00-121.50	-	-	21	97	184	262	201	148	58	69	9	2	-	-	-	-	-	-	-		

See footnotes at end of table.

Table A-2. Office occupations—Northeast—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the Northeast, ¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																						
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210						
						and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	and over		
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over						
WOMEN - CONTINUED																												
KEYPUNCH OPERATORS, CLASS B -----	19,139	38.0	\$ 96.00	\$ 94.00	\$ 84.50-107.00	2	240	2409	4710	4621	3138	2258	1038	430	202	79	12	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	6,468	38.5	97.50	96.00	87.00-108.00	-	32	575	1437	1712	1300	877	299	109	98	31	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	12,670	37.0	95.50	93.00	83.50-106.50	2	208	1834	3273	2910	1838	1381	739	322	104	48	12	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	2,439	37.0	97.00	93.00	81.50-112.00	-	-	499	611	315	273	453	108	139	31	10	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	1,836	37.5	99.50	97.00	85.50-110.00	-	12	212	361	429	363	176	143	63	28	37	12	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	2,032	38.5	91.00	90.50	78.00-102.00	-	100	469	429	441	306	164	103	12	7	1	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	5,128	36.5	94.00	92.50	85.00-103.50	2	78	570	1515	1387	782	425	305	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	1,237	37.0	97.50	93.50	86.50-111.00	-	18	84	358	337	115	163	80	44	38	-	-	-	-	-	-	-	-	-	-	-	-	-
OFFICE GIRLS -----	4,715	37.5	84.00	82.50	76.50- 90.00	21	274	1615	1620	789	200	145	21	9	21	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	1,459	38.5	86.00	84.00	77.50- 93.50	-	109	388	482	258	112	93	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	3,256	36.5	83.00	81.50	76.00- 89.00	21	166	1227	1139	532	88	52	4	8	21	-	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	739	37.0	88.50	85.00	80.00- 92.00	-	13	173	330	131	22	39	3	8	21	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	1,824	36.5	81.50	80.00	75.00- 87.50	14	95	811	577	288	37	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	341	37.5	83.00	81.00	77.00- 89.00	5	6	143	110	49	16	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SECRETARIES ⁷ -----	108,742	37.0	132.50	131.00	116.00-147.50	-	24	337	1962	6017	10535	14346	19254	18370	13675	9429	6216	3864	2179	1025	703	807	-	-	-	-	-	-
MANUFACTURING -----	50,018	38.0	131.00	129.50	115.50-145.00	-	13	53	766	3024	5294	6971	9414	8700	5997	3967	2639	1527	859	367	203	225	-	-	-	-	-	-
NONMANUFACTURING -----	58,724	36.5	134.00	132.50	117.00-149.50	-	11	284	1195	2993	5241	7375	9841	9671	7677	5462	3576	2337	1320	659	501	582	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	8,730	37.0	145.00	143.00	127.50-160.50	-	-	16	66	80	291	741	1262	1324	1482	1215	792	677	358	195	95	138	-	-	-	-	-	-
WHOLESALE TRADE -----	10,015	36.5	135.50	135.00	118.50-151.50	-	-	67	126	411	656	1442	1518	1850	1169	1235	524	368	312	125	89	125	-	-	-	-	-	-
RETAIL TRADE -----	4,116	37.0	122.00	121.50	106.00-138.00	-	3	67	116	410	670	685	678	601	349	238	149	95	36	15	3	2	-	-	-	-	-	-
FINANCE ⁶ -----	25,613	36.5	131.50	131.00	113.50-147.50	-	8	118	784	1714	2863	3008	3946	4221	3315	2102	1517	848	442	261	209	257	-	-	-	-	-	-
SERVICES -----	10,250	36.5	133.00	129.50	118.50-144.50	-	-	16	104	380	762	1500	2437	1674	1362	672	595	350	171	63	105	60	-	-	-	-	-	-
SECRETARIES, CLASS A -----	7,509	37.0	159.00	158.00	137.50-179.00	-	-	6	24	93	153	335	651	867	790	1008	890	905	685	332	315	457	-	-	-	-	-	-
MANUFACTURING -----	3,897	37.5	157.00	156.50	138.50-176.00	-	-	-	-	45	58	155	338	466	447	633	524	477	365	144	108	139	-	-	-	-	-	-
NONMANUFACTURING -----	3,612	36.5	161.00	160.50	136.00-185.00	-	-	6	24	48	96	180	313	401	345	375	366	428	319	188	207	318	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	640	37.0	180.50	182.00	160.00-197.50	-	-	-	-	-	-	7	1C	34	57	54	52	92	129	71	61	76	-	-	-	-	-	-
WHOLESALE TRADE -----	669	36.5	155.50	151.50	133.50-169.50	-	-	-	-	1	33	16	8C	114	59	120	84	19	52	4	15	72	-	-	-	-	-	-
RETAIL TRADE -----	407	37.0	140.00	142.00	124.00-163.00	-	-	3	14	25	24	21	52	56	45	49	42	42	16	13	2	2	-	-	-	-	-	-
FINANCE ⁶ -----	1,242	36.5	159.00	160.00	130.50-182.00	-	-	3	10	18	30	105	139	88	128	99	120	178	73	63	73	115	-	-	-	-	-	-
SERVICES -----	653	37.0	163.50	163.00	137.50-187.50	-	-	-	-	4	7	32	32	109	56	54	67	97	49	37	56	53	-	-	-	-	-	-
SECRETARIES, CLASS B -----	24,095	37.0	145.00	144.50	129.50-162.00	-	7	54	144	517	911	1674	2871	4258	3532	3346	2893	1802	1005	479	327	279	-	-	-	-	-	-
MANUFACTURING -----	9,659	38.0	142.50	140.50	128.50-158.00	-	5	-	32	223	373	697	1329	2092	1351	1333	1064	633	291	140	60	35	-	-	-	-	-	-
NONMANUFACTURING -----	14,436	36.5	147.00	147.00	130.50-164.00	-	2	54	111	294	538	977	1542	2165	2180	2012	1829	1169	714	339	268	244	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	1,892	37.0	161.00	162.00	145.00-174.50	-	-	-	-	7	7	35	87	185	285	238	364	372	151	82	24	57	-	-	-	-	-	-
WHOLESALE TRADE -----	2,053	37.0	148.50	149.00	130.00-172.00	-	-	38	10	52	67	167	180	312	219	293	177	155	152	109	71	53	-	-	-	-	-	-
RETAIL TRADE -----	1,040	37.0	132.00	132.50	116.50-149.00	-	2	8	8	57	94	132	159	189	142	96	85	49	17	-	1	-	-	-	-	-	-	-
FINANCE ⁶ -----	7,120	36.5	146.00	146.50	131.00-162.00	-	-	8	82	170	300	428	698	1180	1069	1129	925	435	297	137	126	134	-	-	-	-	-	-
SERVICES -----	2,332	37.0	143.50	142.50	127.50-160.00	-	-	-	11	9	70	215	417	298	466	257	278	158	97	11	46	-	-	-	-	-	-	-
SECRETARIES, CLASS C -----	34,805	37.5	131.50	131.00	119.50-144.00	-	-	76	373	1219	2910	4500	7717	6708	5367	2791	1770	873	336	103	32	29	-	-	-	-	-	-
MANUFACTURING -----	17,069	38.0	131.00	129.50	119.50-143.50	-	-	12	120	579	1436	2299	4223	3235	2594	1202	825	315	153	46	14	17	-	-	-	-	-	-
NONMANUFACTURING -----	17,737	36.5	132.00	132.00	119.00-145.00	-	-	64	253	639	1473	2203	3494	3474	2773	1588	945	559	183	57	18	12	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	3,200	37.0	142.50	142.00	129.50-155.00	-	-	-	10	21	113	253	415	627	581	584	330	173	54	32	3	5	-	-	-	-	-	-
WHOLESALE TRADE -----	3,080	36.5	137.50	136.50	125.00-152.00	-	-	12	16	66	120	298	662	596	427	418	217	154	82	9	3	-	-	-	-	-	-	-
RETAIL TRADE -----	1,033	38.0	117.00	118.5C	107.00-130.00	-	-	29	37	85	165	248	215	139	60	44	6	1	3	2	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	7,346	36.0	128.50	130.50	115.50-142.50	-	-	22	147	358	822	932	1337	1536	1277	443	247	172	35	10	10	-	-	-	-	-	-	-
SERVICES -----	3,076	37.0	129.00	127.50	117.00-139.50	-	-	1	44	109	254	474	865	576	427	99	145	59	9	4	2	7	-	-	-	-	-	-
SECRETARIES, CLASS D -----	39,396	37.																										

Table A-2. Office occupations—Northeast—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the Northeast,¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210				
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over				
WOMEN - CONTINUED																										
STENOGRAPHERS, GENERAL -----	22,390	37.5	\$ 104.00	\$ 102.50	\$ 91.50-115.50	-	158	1220	3549	5112	4538	3732	2133	1206	480	189	61	14	-	-	-	-	-	-	-	
MANUFACTURING -----	9,623	38.5	104.00	102.50	92.50-114.50	-	30	399	1449	2281	2167	1733	892	469	102	77	22	3	-	-	-	-	-	-	-	
NONMANUFACTURING -----	12,767	37.0	104.00	102.00	90.50-116.50	-	128	821	2100	2832	2371	1999	1241	737	378	112	39	11	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	2,216	38.0	110.50	110.50	92.00-129.50	-	-	104	380	374	232	287	310	351	143	37	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	2,121	37.0	113.00	114.00	101.00-126.00	-	-	46	193	256	433	464	390	162	87	49	31	11	-	-	-	-	-	-	-	
RETAIL TRADE -----	808	37.5	93.50	92.50	82.50-105.00	-	39	86	231	179	177	46	22	13	5	4	8	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	5,694	36.5	98.00	98.00	87.50-109.00	-	73	541	1091	1492	1159	923	347	48	20	1	-	-	-	-	-	-	-	-	-	
SERVICES -----	1,928	37.0	107.00	105.00	93.00-120.00	-	16	46	205	532	372	279	171	163	123	21	-	-	-	-	-	-	-	-	-	
STENOGRAPHERS, SENIOR -----	17,912	37.5	117.00	117.00	105.00-128.00	-	15	97	779	2094	3074	4404	3658	1887	1162	505	175	43	19	-	-	-	-	-	-	
MANUFACTURING -----	7,416	39.0	113.00	114.00	102.00-123.00	-	12	22	388	1107	1480	2122	1308	558	258	101	53	9	-	-	-	-	-	-	-	
NONMANUFACTURING -----	10,496	36.5	119.50	119.50	107.50-131.50	-	3	75	391	988	1594	2283	2350	1329	905	404	122	34	19	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	1,252	37.5	123.50	123.00	113.50-134.00	-	-	-	25	71	116	309	348	189	111	42	14	10	19	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,607	37.0	127.00	129.00	116.00-141.50	-	-	9	7	105	165	241	314	288	294	151	33	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	3,843	36.5	114.00	115.50	103.00-126.50	-	3	54	263	454	739	771	926	382	211	28	14	-	-	-	-	-	-	-	-	
SERVICES -----	3,545	36.5	120.50	119.50	109.50-132.00	-	-	11	60	310	538	906	755	470	273	167	46	11	-	-	-	-	-	-	-	
SWITCHBOARD OPERATORS, CLASS A -----	4,600	37.5	114.00	114.50	102.00-126.50	-	15	81	253	595	946	1021	886	454	160	137	17	28	2	6	-	-	-	-	-	
MANUFACTURING -----	1,749	38.5	112.50	112.50	101.00-123.00	-	-	19	87	289	405	410	299	135	60	25	9	5	1	6	-	-	-	-	-	
NONMANUFACTURING -----	2,851	37.0	115.00	116.00	102.50-128.00	-	15	62	167	306	540	611	588	319	100	112	8	23	1	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	561	38.0	122.50	125.00	112.00-131.50	-	-	-	9	19	99	95	186	76	45	29	-	2	1	-	-	-	-	-	-	
WHOLESALE TRADE -----	405	37.5	118.50	119.50	101.50-134.00	-	-	-	18	68	67	52	58	65	43	22	7	4	-	-	-	-	-	-	-	
FINANCE ⁶ -----	1,196	36.5	113.00	113.00	101.50-125.50	-	3	11	60	176	244	302	225	93	11	51	1	17	-	-	-	-	-	-	-	
SERVICES -----	452	36.5	116.00	117.00	105.50-128.00	-	-	28	16	19	93	114	96	75	1	10	-	-	-	-	-	-	-	-	-	
SWITCHBOARD OPERATORS, CLASS B -----	6,313	37.5	101.00	100.00	89.00-115.50	11	206	601	853	1491	1037	1039	631	316	99	26	4	-	-	-	-	-	-	-	-	
MANUFACTURING -----	1,134	37.5	107.00	107.00	96.50-118.00	-	15	24	114	208	273	258	139	89	14	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	5,180	37.5	99.50	98.00	87.00-115.00	11	191	577	740	1284	764	781	492	227	85	26	4	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	614	38.5	115.00	117.00	106.00-127.50	-	7	9	47	63	71	150	174	40	38	11	4	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	465	37.0	112.00	116.00	98.50-127.50	-	-	14	29	88	52	128	78	42	35	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	1,058	38.5	88.50	88.50	74.50-101.00	11	135	205	209	217	151	70	33	11	6	10	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	1,488	37.0	105.00	107.00	92.50-118.00	-	-	83	198	303	247	385	145	126	1	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	1,555	36.5	92.00	93.00	83.50- 99.50	-	47	265	258	614	243	48	62	8	5	5	-	-	-	-	-	-	-	-	-	
SWITCHBOARD OPERATOR-RECEPTIONISTS-----	9,767	38.5	98.50	98.00	88.00-110.00	-	146	825	1900	2517	1958	1172	855	216	72	97	9	-	-	-	1	-	-	-	-	
MANUFACTURING -----	5,193	38.5	96.50	97.00	87.50-105.00	-	59	478	1091	1452	1220	506	272	92	16	6	3	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	4,574	37.5	101.00	100.00	88.50-116.00	-	88	347	809	1065	739	666	583	125	56	91	6	-	-	-	1	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	526	38.5	107.50	111.50	93.00-121.00	-	19	13	75	81	59	137	87	13	22	16	5	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,879	38.0	103.00	100.00	91.00-118.50	-	5	93	299	543	217	306	266	64	34	52	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	602	38.0	87.00	86.00	74.50- 98.00	-	61	147	137	131	79	18	12	15	-	2	-	-	-	-	1	-	-	-	-	
FINANCE ⁶ -----	568	37.0	97.00	96.00	86.50-105.50	-	-	39	158	129	164	50	13	-	-	15	-	-	-	-	-	-	-	-	-	
SERVICES -----	999	37.5	104.50	106.50	94.00-119.50	-	3	55	140	181	219	155	205	33	-	6	1	-	-	-	-	-	-	-	-	
TABULATING-MACHINE OPERATORS, CLASS A -----	501	38.0	136.50	133.50	124.50-151.00	-	-	-	-	6	19	48	125	111	53	74	31	29	-	-	1	2	-	-	-	
NONMANUFACTURING -----	264	36.5	134.00	131.00	125.50-141.00	-	-	-	-	6	7	13	95	72	34	15	10	10	-	-	-	2	-	-	-	
TABULATING-MACHINE OPERATORS, CLASS B -----	1,150	37.5	109.50	110.50	94.00-123.00	-	-	45	181	154	178	275	125	96	82	11	-	3	1	-	-	-	-	-	-	
MANUFACTURING -----	400	39.5	119.50	117.50	105.00-136.50	-	-	-	5	63	65	86	41	67	69	3	-	1	-	-	-	-	-	-	-	
NONMANUFACTURING -----	750	37.0	104.50	104.50	87.50-115.50	-	-	45	176	90	113	188	84	29	12	8	-	2	1	-	-	-	-	-	-	
FINANCE ⁶ -----	264	36.5	112.50	112.50	105.00-118.50	-	-	2	5	24	69	114	31	9	8	2	-	-	-	-	-	-	-	-	-	
TABULATING-MACHINE OPERATORS, CLASS C -----	915	37.0	94.00	91.50	82.00-103.50	-	-	188	241	181	160	86	21	25	4	4	5	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	766	36.5	92.50	89.00	80.00-103.00	-	-	188	217	135	98	81	16	19	3	4	5	-	-	-	-	-	-	-	-	

See footnotes at end of tables.

Table A-2. Office occupations—Northeast—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the Northeast,¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over				
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210					
WOMEN - CONTINUED																										
TRANSCRIBING-MACHINE OPERATORS,																										
GENERAL -----	5,182	37.5	\$ 101.00	\$ 100.00	\$ 89.00-111.50	-	118	368	927	1179	1203	661	321	289	71	17	5	-	2	19	2	-	-	-	-	-
MANUFACTURING -----	1,752	38.0	99.50	100.50	89.50-112.00	-	64	149	247	400	406	256	166	57	5	2	-	-	1	-	-	-	-	-	-	
NONMANUFACTURING -----	3,430	37.0	101.50	100.00	89.00-111.00	-	54	219	682	778	797	405	156	232	66	15	5	-	1	19	2	-	-	-	-	
WHOLESALE TRADE -----	453	38.0	100.00	101.00	90.50-109.50	-	15	34	56	109	131	61	21	26	-	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	2,043	36.5	98.50	96.50	87.50-108.00	-	9	163	494	539	400	263	75	71	15	4	5	-	1	1	2	-	-	-	-	
TYPISTS, CLASS A -----																										
MANUFACTURING -----	16,548	37.5	104.00	102.00	93.00-114.50	-	22	605	2467	4341	3613	2595	1510	689	414	246	30	9	6	1	-	-	-	-	-	
NONMANUFACTURING -----	6,216	39.0	102.50	101.00	92.00-112.50	-	3	188	1025	1782	1339	1007	555	205	57	36	6	9	2	1	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	10,332	36.5	105.00	103.00	93.00-116.00	-	19	418	1442	2559	2274	1588	955	483	357	210	24	-	4	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,390	37.5	108.00	103.50	91.00-125.50	-	-	81	232	298	182	174	146	121	76	79	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	584	37.0	106.50	105.00	93.00-120.50	-	-	2	116	131	105	78	81	55	5	9	1	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	440	37.0	100.00	101.50	93.00-109.00	-	-	16	65	103	153	54	44	2	1	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	6,039	36.0	102.50	100.50	92.00-111.50	-	3	278	910	1734	1463	875	431	179	106	52	9	-	-	-	-	-	-	-	-	
-----	1,880	37.0	113.50	112.50	100.00-127.00	-	16	40	119	292	370	407	252	126	169	70	14	-	4	-	-	-	-	-	-	
TYPISTS, CLASS B -----																										
MANUFACTURING -----	33,572	37.5	91.00	90.00	81.50-100.50	10	1110	5839	9706	8198	4960	2436	822	313	104	47	29	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	9,998	38.5	91.00	90.00	82.00-100.50	-	271	1522	3209	2448	1581	672	184	79	30	3	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	23,574	37.0	91.00	90.00	81.00-100.50	10	840	4317	6497	5749	3379	1764	638	234	74	44	29	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	2,195	37.5	101.50	101.00	90.50-113.00	-	21	180	319	533	461	368	189	116	4	4	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	2,831	37.5	93.50	91.50	83.00-105.50	-	33	473	800	610	370	401	102	17	21	4	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	1,795	38.0	87.00	87.50	77.00-96.50	3	149	443	399	481	190	65	45	17	-	4	-	-	-	-	-	-	-	-	-	
SERVICES -----	14,236	36.5	88.50	88.00	79.50-96.50	-	622	3105	4344	3635	1657	614	128	68	6	29	29	-	-	-	-	-	-	-	-	
-----	2,517	37.0	98.50	100.00	87.00-109.00	7	14	118	636	490	700	317	174	16	43	3	-	-	-	-	-	-	-	-	-	

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ 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.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.⁶ Finance, insurance, and real estate.⁷ May include workers other than those presented separately.

Table A-3. Office occupations—South

(Average straight-time weekly hours and earnings for selected occupations by industry division in the South, ¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 60 and under	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210 and over					
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over				
MEN																										
BILLERS, MACHINE (BILLING MACHINE) -----	302	40.0	\$ 131.00	\$ 139.00	\$ 131.50-143.50	-	9	-	12	20	7	9	6	96	125	18	-	-	-	-	-	-	-	-		
NONMANUFACTURING -----	293	40.0	132.00	139.50	132.50-144.00	-	9	-	12	19	6	2	6	96	125	18	-	-	-	-	-	-	-	-		
PUBLIC UTILITIES ⁵ -----	265	40.0	135.00	140.50	135.00-144.00	-	-	-	12	19	-	-	6	85	125	18	-	-	-	-	-	-	-	-		
CLERKS, ACCOUNTING, CLASS A -----	5,473	39.5	142.50	138.50	122.50-161.00	-	-	4	51	170	422	491	928	784	689	514	525	314	140	149	211	83	-	-		
MANUFACTURING -----	2,197	39.5	151.50	150.00	127.00-173.00	-	-	2	19	75	138	128	266	277	197	194	288	202	68	115	181	48	-	-		
NONMANUFACTURING -----	3,276	39.5	136.50	134.00	120.50-150.50	-	-	2	32	95	285	363	662	507	492	320	237	112	71	34	30	35	-	-		
PUBLIC UTILITIES ⁵ -----	1,369	39.0	142.00	142.00	123.00-155.00	-	-	-	1	26	106	148	212	137	274	192	117	58	27	14	23	35	-	-		
WHOLESALE TRADE -----	1,111	40.0	139.00	136.00	125.00-152.00	-	-	-	8	17	67	77	226	256	154	105	89	45	41	19	5	-	-	-		
FINANCE ⁶ -----	401	38.5	121.00	122.00	108.50-131.50	-	-	-	2	34	74	70	111	62	38	8	-	2	-	-	-	-	-	-		
CLERKS, ACCOUNTING, CLASS B -----	2,720	39.5	114.00	113.00	97.00-130.50	-	31	120	246	431	415	500	277	265	213	142	29	28	18	5	-	-	-			
MANUFACTURING -----	916	39.5	116.00	112.50	97.00-131.00	-	-	21	95	177	140	167	73	82	56	55	15	12	17	5	-	-	-			
NONMANUFACTURING -----	1,804	39.5	113.00	113.00	97.00-130.50	-	31	100	150	253	274	333	205	183	156	87	14	16	1	-	-	-	-			
PUBLIC UTILITIES ⁵ -----	699	39.5	120.00	120.50	102.00-139.50	-	1	21	53	84	88	98	83	100	98	54	10	9	-	-	-	-	-			
WHOLESALE TRADE -----	614	40.0	116.00	115.50	106.00-129.00	-	-	25	27	56	103	166	94	74	42	23	4	1	-	-	-	-	-			
FINANCE ⁶ -----	289	39.0	99.00	96.00	79.50-112.00	-	25	50	37	59	44	25	22	6	5	10	-	6	1	-	-	-	-			
CLERKS, ORDER -----	4,407	40.0	119.50	119.50	102.50-131.50	-	-	83	341	462	717	628	997	395	322	145	146	87	28	22	13	22	-			
MANUFACTURING -----	1,157	40.0	130.00	127.00	109.00-146.50	-	-	-	76	60	163	102	302	68	143	73	56	50	16	16	13	22	-			
NONMANUFACTURING -----	3,250	40.0	115.50	116.50	101.00-128.00	-	-	83	266	403	553	528	695	327	179	72	90	37	12	6	-	-	-			
WHOLESALE TRADE -----	3,070	40.0	116.00	116.50	101.50-128.00	-	-	62	247	357	546	514	682	300	161	60	90	37	12	6	-	-	-			
CLERKS, PAYROLL -----	790	40.0	134.50	132.00	111.50-154.00	-	-	6	33	83	68	77	111	78	109	64	34	66	24	14	14	10	-			
MANUFACTURING -----	537	40.0	139.00	132.50	115.00-164.00	-	-	6	13	48	44	65	80	47	49	40	22	62	24	14	14	10	-			
NONMANUFACTURING -----	253	39.5	126.00	131.50	103.00-144.50	-	-	-	21	35	22	12	31	32	61	24	12	4	-	-	-	-	-			
OFFICE BOYS -----	3,624	39.0	82.00	79.50	71.50- 90.00	5	729	1127	844	492	220	92	75	35	6	-	-	-	-	-	-	-	-			
MANUFACTURING -----	740	39.5	85.00	83.50	73.50- 93.50	-	120	185	165	175	47	16	24	8	2	-	-	-	-	-	-	-	-			
NONMANUFACTURING -----	2,884	39.0	81.50	78.50	71.00- 89.00	5	609	943	679	318	174	76	51	27	4	-	-	-	-	-	-	-	-			
PUBLIC UTILITIES ⁵ -----	659	39.5	89.50	82.50	74.00-101.50	-	54	243	109	82	42	53	50	25	3	-	-	-	-	-	-	-	-			
WHOLESALE TRADE -----	352	40.0	83.50	84.00	76.50- 90.00	-	49	59	160	46	36	1	-	2	-	-	-	-	-	-	-	-	-			
FINANCE ⁶ -----	1,324	38.5	77.00	75.00	69.00- 83.50	3	379	500	296	71	60	14	1	-	1	-	-	-	-	-	-	-	-			
SERVICES -----	415	39.0	82.00	82.00	70.00- 92.50	-	102	89	84	99	33	8	-	-	-	-	-	-	-	-	-	-	-			
TABULATING-MACHINE OPERATORS, CLASS A -----	682	39.5	148.00	145.50	133.00-160.50	-	-	-	2	5	34	35	72	90	184	85	56	44	12	39	22	2	-			
MANUFACTURING -----	288	39.5	154.00	150.00	134.50-171.50	-	-	-	-	3	12	16	19	38	59	35	31	29	5	18	21	2	-			
NONMANUFACTURING -----	394	39.5	143.50	144.00	130.00-153.50	-	-	-	2	2	22	19	54	52	127	49	25	15	7	20	1	-	-			
TABULATING-MACHINE OPERATORS, CLASS B -----	1,190	39.5	116.50	116.50	103.00-130.50	-	-	13	92	108	248	243	182	144	96	41	9	7	6	-	-	-	-			
MANUFACTURING -----	320	40.0	116.00	113.50	103.50-125.00	-	-	3	13	21	115	70	42	22	18	7	4	6	3	-	-	-	-			
NONMANUFACTURING -----	869	39.5	116.50	117.50	103.00-132.00	-	-	11	80	89	135	173	140	123	78	34	5	1	3	-	-	-	-			
FINANCE ⁶ -----	255	39.0	104.00	103.00	91.00-116.00	-	-	10	49	50	58	45	26	7	8	2	2	-	-	-	-	-	-			
TABULATING-MACHINE OPERATORS, CLASS C -----	468	39.0	98.00	97.00	86.00-107.50	-	-	46	107	104	121	40	24	11	12	2	2	-	-	-	-	-	-			
NONMANUFACTURING -----	366	39.0	94.50	94.00	83.50-104.00	-	-	46	104	77	95	25	11	2	5	-	-	-	-	-	-	-	-			
TYPISTS, CLASS B -----	336	39.0	117.50	121.00	105.50-134.00	-	3	27	19	28	48	36	45	68	49	12	2	-	-	-	-	-	-			
NONMANUFACTURING -----	315	39.0	119.00	122.00	107.00-134.50	-	3	25	12	19	48	34	44	68	49	12	2	-	-	-	-	-	-			

See footnotes at end of table.

Table A-3. Office occupations—South—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the South, ¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																		
			Mean ⁴	Median ⁴	Middle range ⁴	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$			
						Under 60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	and over		
						60 and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
						70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over			
WOMEN																								
BILLERS, MACHINE (BILLING MACHINE) -----	2,102	39.5	\$ 88.50	\$ 87.00	\$ 77.50- 97.50	15	199	398	625	413	259	71	33	50	30	6	2	-	-	-	-	-	-	
MANUFACTURING -----	651	40.0	90.00	87.50	81.50-100.50	-	29	85	279	86	119	25	13	11	2	-	2	-	-	-	-	-	-	
NONMANUFACTURING -----	1,451	39.5	87.50	87.00	74.50- 96.00	15	171	314	346	327	139	46	20	39	28	6	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	664	40.0	87.00	88.00	77.00- 94.50	-	46	145	187	176	78	17	14	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	335	39.0	76.50	76.00	66.50- 86.00	15	96	96	72	42	14	-	-	-	-	-	-	-	-	-	-	-	-	
BILLERS, MACHINE (BOOKKEEPING MACHINE) -----	1,755	39.5	85.50	83.50	73.50- 97.00	10	281	366	445	290	179	150	28	5	-	3	-	-	-	-	-	-	-	
MANUFACTURING -----	432	40.0	93.50	94.00	82.50-104.50	-	8	61	99	103	99	44	12	3	-	3	-	-	-	-	-	-	-	
NONMANUFACTURING -----	1,323	39.5	82.50	81.50	71.50- 93.00	10	273	305	347	187	79	105	16	2	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	803	39.0	77.50	75.00	67.00- 84.50	10	262	200	182	86	32	31	-	-	-	-	-	-	-	-	-	-	-	
BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	2,348	39.5	101.00	98.00	88.00-113.00	-	12	108	602	556	400	291	204	45	84	46	2	-	-	-	-	-	-	
MANUFACTURING -----	754	40.0	105.50	102.00	92.00-118.50	-	9	6	145	173	161	87	85	29	26	32	2	-	-	-	-	-	-	
NONMANUFACTURING -----	1,594	39.5	99.00	96.50	86.50-110.50	-	4	102	457	383	239	203	119	15	57	14	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	536	40.0	99.00	99.00	87.50-111.00	-	-	30	153	98	109	108	23	-	14	2	-	-	-	-	-	-	-	
RETAIL TRADE -----	340	39.5	98.50	96.50	88.00-108.00	-	2	16	81	116	46	17	48	9	4	1	-	-	-	-	-	-	-	
FINANCE ⁵ -----	433	39.0	95.00	92.00	82.50-105.00	-	2	51	148	96	51	51	18	-	10	8	-	-	-	-	-	-	-	
BOOKKEEPING-MACHINE OPERATORS, CLASS B -----	5,157	39.5	87.50	86.00	76.50- 96.50	5	415	1214	1454	1052	601	222	81	108	4	2	-	-	-	-	-	-	-	
MANUFACTURING -----	1,289	40.0	92.00	92.50	83.00-101.00	-	28	147	349	393	257	82	12	19	1	2	-	-	-	-	-	-	-	
NONMANUFACTURING -----	3,868	39.5	86.00	84.00	74.50- 93.50	5	988	1065	1106	660	344	139	69	89	3	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,173	40.0	86.50	84.00	77.50- 94.00	-	92	280	428	170	96	70	37	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	1,102	39.0	84.50	85.00	73.50- 93.50	3	128	296	291	201	110	36	15	18	-	-	-	-	-	-	-	-	-	
FINANCE ⁵ -----	1,056	39.0	84.00	82.00	73.00- 92.50	-	94	378	258	185	100	30	2	10	-	-	-	-	-	-	-	-	-	
SERVICES -----	317	39.5	94.00	88.00	76.50-103.50	2	41	64	71	46	30	3	2	56	2	-	-	-	-	-	-	-	-	
CLERKS, ACCOUNTING, CLASS A -----	11,542	39.5	115.00	113.00	98.50-128.50	-	22	158	943	2014	1947	2209	1594	1099	739	339	218	104	40	64	49	5	5	
MANUFACTURING -----	3,411	39.5	119.00	114.50	101.00-132.50	-	-	9	230	516	667	579	461	325	257	104	110	42	20	45	39	5	5	
NONMANUFACTURING -----	8,131	39.0	113.50	112.50	97.50-127.00	-	22	147	714	1498	1280	1630	1133	774	482	234	108	62	20	19	10	-	-	
PUBLIC UTILITIES ⁵ -----	2,243	38.5	121.00	118.50	110.50-133.00	-	-	20	58	235	205	690	386	251	207	103	56	21	-	5	4	-	-	
WHOLESALE TRADE -----	1,504	40.0	119.50	118.00	100.00-134.00	-	-	16	94	272	189	218	234	219	79	71	43	38	13	14	6	-	-	
RETAIL TRADE -----	1,672	39.5	106.50	103.50	93.00-119.50	-	9	27	256	364	373	238	184	96	72	45	4	2	3	-	-	-	-	
FINANCE ⁵ -----	1,779	38.5	105.00	102.00	92.50-117.00	-	13	56	248	489	333	291	196	93	52	8	-	-	-	-	-	-	-	
SERVICES -----	933	39.0	113.50	113.50	101.00-127.00	-	-	29	57	138	179	192	132	116	72	7	6	1	4	-	-	-	-	
CLERKS, ACCOUNTING, CLASS B -----	26,200	39.5	91.00	88.50	79.00-102.00	49	1532	5468	7131	4785	3543	1833	909	443	275	154	47	24	10	-	-	-	-	
MANUFACTURING -----	6,066	39.5	93.50	91.00	82.50-103.00	-	147	936	1783	1269	1086	417	265	56	38	19	33	8	10	-	-	-	-	
NONMANUFACTURING -----	20,134	39.0	90.50	87.50	78.00-101.00	49	1385	4531	5347	3516	2458	1415	644	387	237	135	14	16	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	4,816	39.0	99.50	96.00	81.50-112.50	-	98	950	976	545	797	658	290	219	175	89	7	13	-	-	-	-	-	
WHOLESALE TRADE -----	3,445	40.0	96.50	94.00	83.50-108.50	-	127	421	830	729	529	378	248	96	46	35	6	-	-	-	-	-	-	
RETAIL TRADE -----	5,424	39.5	84.50	84.00	75.00- 94.00	46	572	1468	1531	998	536	178	39	58	-	-	-	-	-	-	-	-	-	
FINANCE ⁵ -----	4,886	38.5	85.00	84.00	75.50- 92.00	2	456	1417	1578	874	368	120	28	13	14	11	1	3	-	-	-	-	-	
SERVICES -----	1,563	39.5	88.50	88.50	79.50- 98.50	2	133	276	433	369	227	81	39	2	2	-	-	-	-	-	-	-	-	
CLERKS, FILE, CLASS A -----	1,663	39.0	103.50	98.00	84.00-123.00	6	50	260	244	327	188	128	132	181	61	49	14	8	13	2	-	-	-	
MANUFACTURING -----	580	39.5	120.50	124.00	100.00-134.50	-	-	32	26	89	71	37	78	135	43	37	9	7	13	1	-	-	-	
NONMANUFACTURING -----	1,084	39.0	94.50	91.50	79.50-105.50	6	50	228	218	238	117	91	53	46	18	12	5	1	-	-	-	-	-	
FINANCE ⁵ -----	656	38.5	89.50	87.00	78.00- 98.50	6	30	170	166	138	73	45	24	4	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-3. Office occupations—South—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the South, ¹ February 1970 ²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																						
			Mean ⁴	Median ⁴	Middle range ⁴	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$						
						Under \$ 60	60 and under 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 170	170 180	180 190	190 200	200 210	210 and over						
WOMEN - CONTINUED																												
CLERKS, FILE, CLASS B -----	7,246	39.0	\$ 80.50	\$ 77.50	\$ 70.50- 88.00	44	1621	2420	1574	888	379	193	48	53	20	6	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	975	39.5	88.00	86.50	76.50- 98.00	-	58	276	240	193	96	78	10	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	6,271	38.5	79.50	76.50	70.00- 86.00	44	1563	2144	1334	695	285	115	38	30	20	6	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	905	39.0	90.00	86.00	75.00-100.50	-	37	294	193	150	89	62	25	30	20	6	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	735	40.0	86.00	85.00	77.50- 93.50	-	41	189	240	141	94	19	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	635	38.5	73.00	71.00	64.50- 80.50	34	271	162	120	38	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	3,398	38.5	75.00	73.50	68.50- 80.00	10	1097	1421	644	199	21	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	599	38.5	86.00	87.00	74.50- 96.50	-	117	78	136	166	72	27	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLERKS, FILE, CLASS C -----	8,088	39.0	73.50	72.00	67.00- 78.50	195	3016	3238	1190	304	108	16	7	6	1	6	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	927	40.0	80.00	77.50	71.50- 89.00	3	139	388	178	168	50	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	7,161	39.0	72.50	71.50	66.50- 77.50	192	2877	2850	1012	137	58	14	7	6	1	6	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	315	39.0	82.50	80.00	74.00- 84.50	-	37	124	112	14	5	3	7	6	1	6	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	489	40.0	75.00	72.50	67.00- 80.00	-	174	193	85	17	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	868	39.5	71.00	70.50	64.50- 77.50	7	409	281	140	29	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	4,987	38.5	71.50	70.50	66.50- 75.00	185	2209	2099	403	56	29	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	502	39.5	80.50	82.00	75.00- 87.00	-	49	154	273	21	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLERKS, ORDER -----	5,280	40.0	90.50	89.50	79.00-102.00	12	344	1063	1248	1090	908	309	179	50	26	41	11	-	-	-	1	-	-	-	-	-	-	-
MANUFACTURING -----	1,596	39.5	92.50	91.00	81.50-102.00	-	72	241	445	382	227	121	55	39	6	6	-	-	-	-	1	-	-	-	-	-	-	-
NONMANUFACTURING -----	3,684	40.0	90.00	89.00	77.00-101.50	12	272	821	802	709	682	187	124	10	20	35	11	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	2,133	40.0	94.00	94.50	80.00-104.50	-	62	457	393	388	545	108	111	10	15	35	11	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	1,418	39.5	84.00	84.00	74.00- 93.00	12	196	331	402	276	130	66	4	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
CLERKS, PAYROLL -----	7,040	39.5	102.50	100.00	87.00-114.50	11	110	742	1265	1358	1323	979	492	277	257	96	50	45	11	5	11	11	-	-	-	-	-	-
MANUFACTURING -----	3,116	39.5	103.50	100.00	87.50-114.50	-	17	323	588	627	608	377	221	111	70	59	39	41	10	5	11	11	-	-	-	-	-	-
NONMANUFACTURING -----	3,924	39.5	101.50	100.50	86.00-114.50	11	93	419	678	731	715	603	270	167	186	37	11	4	1	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	756	39.5	112.00	110.50	91.00-135.00	-	10	91	82	82	109	101	42	86	112	30	8	4	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	524	40.0	106.50	107.00	92.50-119.00	-	-	30	68	99	83	129	67	14	26	7	2	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	1,365	39.5	95.00	94.00	83.00-108.00	11	60	165	303	298	226	167	77	34	26	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	672	38.5	100.50	101.00	86.50-112.00	-	10	69	127	107	177	84	63	30	6	-	1	-	1	-	-	-	-	-	-	-	-	-
SERVICES -----	607	40.0	98.50	99.00	86.00-112.00	-	14	64	99	145	122	122	23	2	16	1	-	-	-	-	-	-	-	-	-	-	-	-
COMPTOMETER OPERATORS -----	4,196	39.5	93.00	91.50	82.00-103.00	10	142	657	1107	967	723	329	104	59	66	23	10	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	1,102	39.5	96.50	94.00	84.00-106.00	-	11	108	303	274	193	116	46	15	9	21	7	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	3,094	39.0	92.00	90.50	81.00-102.00	10	131	550	804	693	530	212	58	44	57	2	3	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	830	40.0	92.50	92.00	81.00-104.00	-	14	168	179	163	224	65	13	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	1,847	39.0	88.50	88.50	80.00- 97.50	10	116	335	554	459	249	81	37	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-
KEYPUNCH OPERATORS, CLASS A -----	10,283	39.5	103.00	100.50	91.00-113.50	26	69	644	1614	2674	2172	1216	717	437	629	69	10	10	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	2,980	40.0	108.00	103.50	93.00-119.50	-	-	70	429	759	591	398	157	187	343	28	10	8	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	7,303	39.5	101.50	99.50	90.00-111.50	26	69	574	1186	1914	1581	817	560	249	286	41	-	2	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	1,438	40.0	118.00	119.00	100.00-135.00	-	1	23	67	269	219	155	264	153	255	31	-	2	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	1,605	40.0	102.50	102.00	94.50-111.00	-	6	93	155	432	488	231	112	55	29	6	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	739	39.5	95.50	95.00	85.00-105.00	-	10	62	179	199	163	66	57	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	2,577	38.5	93.00	93.00	84.00-102.00	26	51	327	651	772	494	175	56	23	-	4	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	945	39.5	100.50	101.00	91.50-112.00	-	-	69	135	243	219	191	72	14	3	-	-	-	-	-	-	-	-	-	-	-	-	-
KEYPUNCH OPERATORS, CLASS B -----	14,844	39.5	89.50	87.00	79.00- 97.50	4	761	3279	4617	3136	1592	752	249	334	94	23	1	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	3,684	40.0	91.50	89.00	81.00- 98.50	-	99	699	1124	997	335	206	67	77	57	22	1	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	11,160	39.0	88.50	86.50	78.00- 97.00	4	662	2579	3494	2139	1257	546	182	257	37	1	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	2,152	39.0	96.50	91.50	81.00-109.00	-	5	489	538	293	341	188	57	214	28	1	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	2,206	40.0	90.50	88.50	80.00-100.00	-	139	403	657	457	287	140	85	32	7	-	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	1,477	39.5	87.00	87.00	80.50- 94.50	4	76	272	541	391	129	42	21	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	4,481	38.5	84.00	83.00	75.00- 91.00	-	415	1321	1504	763	326	135	15	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	844	39.5	92.00	91.50	85.00-101.00	-	28	96	256	235	176	42	6	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-3. Office occupations—South—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the South, ¹ February 1970 ²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																			
			Mean ⁴	Median ⁴	Middle range ⁴	Under \$ 60	\$ 60 and under	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210			
						70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over				
WOMEN - CONTINUED																									
OFFICE GIRLS	2,586	39.0	\$ 78.00	\$ 74.00	\$ 69.50-83.00	57	642	1086	441	153	92	70	43	4	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	631	40.0	85.00	81.50	73.00-96.00	-	103	189	144	82	37	48	27	3	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING	1,956	38.5	75.50	73.00	68.50-79.50	57	540	898	296	71	57	22	16	1	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁵	893	38.5	71.00	70.00	66.50-74.50	52	398	333	98	2	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SECRETARIES ¹	50,471	39.5	118.00	116.00	100.00-133.50	-	157	1231	3890	7087	8778	7821	6717	5294	3796	2814	1285	733	377	243	152	100	-	-	
MANUFACTURING	16,879	39.5	119.50	116.50	102.50-135.00	-	16	265	934	2112	3207	2898	2370	1674	1282	1139	468	245	140	64	41	25	-	-	
NONMANUFACTURING	33,593	39.0	117.00	115.50	98.50-133.00	-	141	967	2956	4975	5571	4922	4347	3620	2513	1675	816	488	238	178	111	75	-	-	
PUBLIC UTILITIES ⁵	6,218	39.5	133.00	133.00	117.00-148.00	-	2	27	116	347	603	735	929	1121	965	652	342	181	68	52	39	38	-	-	
WHOLESALE TRADE	4,988	40.0	122.00	118.50	101.00-140.50	-	22	133	437	563	789	652	555	555	439	316	161	141	97	77	32	20	-	-	
RETAIL TRADE	3,786	39.5	107.00	105.00	93.00-121.50	-	42	233	476	656	760	601	382	294	208	78	32	18	5	1	3	-	-	-	
FINANCE ⁶	12,913	38.5	108.50	105.50	94.00-120.50	-	58	466	1633	2668	2747	2058	1463	987	403	217	112	56	18	17	29	10	-	-	
SERVICES	5,688	39.0	121.50	121.00	103.00-136.50	-	19	108	324	741	672	878	1015	664	497	412	171	92	49	31	8	7	-	-	
SECRETARIES, CLASS A	3,292	39.5	133.50	132.00	115.50-150.00	-	-	33	131	198	337	355	484	538	403	260	221	102	64	56	58	56	-	-	
MANUFACTURING	1,140	39.5	132.00	130.00	116.50-147.50	-	-	7	35	67	95	136	226	179	153	106	51	29	19	16	6	15	-	-	
NONMANUFACTURING	2,151	39.0	134.50	133.00	114.50-151.50	-	-	26	95	131	241	219	258	359	250	153	170	73	45	40	53	41	-	-	
PUBLIC UTILITIES ⁵	376	39.5	154.50	150.00	132.50-171.00	-	-	-	-	6	16	33	31	34	69	29	60	30	19	19	14	18	-	-	
WHOLESALE TRADE	341	40.0	129.50	124.50	102.50-145.00	-	-	10	25	33	43	37	39	64	9	28	10	8	6	8	8	15	-	-	
RETAIL TRADE	420	39.5	116.00	112.00	94.00-137.00	-	-	16	56	50	82	31	41	60	36	21	11	9	5	1	3	-	-	-	
FINANCE ⁶	798	38.5	133.50	132.00	117.50-147.50	-	-	-	11	40	87	102	117	169	101	61	59	18	9	-	22	2	-	-	
SECRETARIES, CLASS B	10,929	39.0	125.00	122.50	106.50-141.00	-	36	125	433	1024	1567	1872	1638	1406	1060	716	399	320	137	120	49	30	-	-	
MANUFACTURING	3,007	39.5	124.00	122.50	106.50-139.50	-	-	9	111	331	408	520	521	365	349	157	104	83	30	10	7	5	-	-	
NONMANUFACTURING	7,922	39.0	125.50	122.50	106.50-141.50	-	36	117	322	693	1160	1351	1117	1042	712	559	295	237	108	110	42	25	-	-	
PUBLIC UTILITIES ⁵	1,505	39.5	142.50	142.50	126.00-158.00	-	-	2	10	44	87	127	169	244	268	231	146	98	29	24	16	12	-	-	
WHOLESALE TRADE	1,133	40.0	132.00	126.50	109.00-153.50	-	-	23	53	78	140	189	133	121	95	49	56	48	59	63	22	5	-	-	
RETAIL TRADE	854	39.5	110.50	111.50	99.50-126.50	-	19	46	76	76	183	186	79	72	77	30	3	5	-	-	-	-	-	-	
FINANCE ⁵	3,474	38.5	117.00	117.00	103.00-130.00	-	18	45	151	445	666	722	569	480	180	120	23	26	5	17	2	7	-	-	
SERVICES	957	39.0	133.50	131.00	117.50-153.50	-	-	-	32	51	83	127	166	125	92	130	68	60	15	7	2	1	-	-	
SECRETARIES, CLASS C	15,630	39.5	120.50	119.00	103.00-127.50	-	29	273	962	1864	2472	2476	2270	1785	1382	1334	352	226	133	36	31	7	-	-	
MANUFACTURING	5,640	39.5	124.50	122.50	107.50-142.00	-	-	60	241	439	874	1008	875	620	436	710	161	107	68	14	22	4	-	-	
NONMANUFACTURING	9,990	39.0	118.50	117.50	100.50-135.00	-	29	213	721	1425	1598	1468	1391	1165	946	624	191	119	65	22	9	3	-	-	
PUBLIC UTILITIES ⁵	1,904	39.0	133.50	133.50	121.50-147.00	-	-	11	9	62	142	209	331	428	357	247	74	16	8	6	4	2	-	-	
WHOLESALE TRADE	1,575	40.0	126.00	124.00	106.00-145.50	-	-	17	91	157	275	197	120	198	193	149	74	75	26	4	-	-	-	-	
RETAIL TRADE	1,095	39.5	110.50	111.50	95.50-126.00	-	8	53	114	172	176	215	126	120	65	26	18	4	-	-	-	-	-	-	
FINANCE ⁶	3,621	38.5	107.00	105.50	95.00-119.00	-	18	107	390	812	812	670	488	223	71	13	5	5	2	-	5	1	-	-	
SERVICES	1,794	39.5	124.00	126.00	103.00-143.00	-	3	24	116	224	195	178	325	197	261	190	20	20	29	12	-	-	-	-	
SECRETARIES, CLASS D	19,494	39.0	108.50	105.50	94.00-121.00	-	92	799	2359	3961	4158	2964	2151	1365	836	425	238	60	40	29	11	7	-	-	
MANUFACTURING	6,541	39.5	111.00	107.50	97.00-122.00	-	16	188	547	1260	1608	1137	678	451	311	142	130	23	23	23	6	1	-	-	
NONMANUFACTURING	12,952	39.0	107.50	104.00	92.50-121.00	-	77	610	1812	2702	2550	1826	1474	914	526	283	107	37	17	6	5	6	-	-	
PUBLIC UTILITIES ⁵	2,266	39.0	122.00	122.00	106.00-136.00	-	2	15	97	224	345	363	391	394	236	113	46	18	9	4	3	6	-	-	
WHOLESALE TRADE	1,916	40.0	111.50	107.50	95.00-128.50	-	22	82	269	296	333	228	263	164	131	88	20	10	6	2	2	-	-	-	
RETAIL TRADE	1,384	39.5	99.50	99.50	89.50-111.00	-	15	117	226	353	312	159	132	43	28	2	-	-	-	-	-	-	-	-	
FINANCE ⁵	4,925	39.0	99.00	97.50	88.50-107.50	-	23	314	1048	1367	1181	553	260	91	42	18	22	5	2	-	-	-	-	-	
SERVICES	2,462	38.5	112.00	113.00	97.00-124.50	-	16	85	172	464	379	523	428	223	90	62	19	4	-	-	-	-	-	-	
STENOGRAPHERS, GENERAL	19,591	39.5	99.00	95.50	85.00-110.00	8	501	2276	4395	4299	3274	1694	1137	1382	431	138	55	3	-	-	-	-	-	-	
MANUFACTURING	6,873	40.0	103.00	99.50	89.50-116.50	-	54	395	1351	1678	1228	594	666	724	119	61	26	-	-	-	-	-	-	-	
NONMANUFACTURING	12,718	39.0	96.50	93.50	83.00-107.50	8	446	1882	3005	2622	2046	1100	530	659	312	77	28	3	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵	4,438	39.0	104.50	101.50	86.50-120.00	-	17	534	916	665	778	416	199	540	280	63	28	3	-	-	-	-	-	-	
WHOLESALE TRADE	2,541	40.0	97.50	97.00	86.00-108.50	-	57	279	493	599	534	314	160	82	14	11	-	-	-	-	-	-	-	-	
RETAIL TRADE	836	39.5	90.00	91.50	79.50-102.00	8	46	158	181	188	164	61	26	2	1	-	-	-	-	-	-	-	-	-	
FINANCE ⁶	3,981	38.5	87.50	87.00	78.00-95.50	-	315	831	1272	877	399	207	59	18	-	3	-	-	-	-	-	-	-	-	
SERVICES	921	39.5	99.00	97.50	89.50-109.50	-	10	81	142	292	172	103	87	17	17	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-3. Office occupations—South—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the South, ¹ February 1970 ²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
			Mean ⁴	Median ⁴	Middle range ⁴	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$

See footnotes at end of table.

Table A-3. Office occupations—South—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the South,¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			Mean ⁴	Median ⁴	Middle range ⁴	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
						Under \$ 60	60 and under 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 170	170 180	180 190	190 200	200 210	210 and over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
WOMEN - CONTINUED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ 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.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.⁶ Finance, insurance, and real estate.⁷ May include workers other than those presented separately.

Table A-4. Office occupations—North Central

(Average straight-time weekly hours and earnings for selected occupations by industry division in the North Central region, ¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over				
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over				
MEN																										
BILLERS, MACHINE (BILLING MACHINE) -----	281	40.0	\$ 121.00	\$ 121.50	\$ 107.00-134.00	-	-	-	1	13	60	65	41	71	14	16	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	280	40.0	121.50	122.50	107.50-134.00	-	-	-	1	13	59	65	41	71	14	16	-	-	-	-	-	-	-	-	-	
CLERKS, ACCOUNTING, CLASS A -----	7,282	39.5	149.50	150.00	132.00-167.50	-	-	9	31	102	223	460	775	1066	997	969	1113	761	424	141	70	140	-	-		
MANUFACTURING -----	4,169	40.0	154.50	154.50	136.50-171.00	-	-	-	-	19	86	176	386	559	571	530	727	546	311	110	39	111	-	-		
NONMANUFACTURING -----	3,113	39.5	143.00	143.00	126.00-160.50	-	-	9	31	84	137	284	390	508	426	439	386	215	112	33	31	29	-	-		
PUBLIC UTILITIES ⁵ -----	882	40.0	153.00	152.00	142.00-165.00	-	-	-	-	4	6	12	72	102	197	167	144	109	48	20	2	-	-			
WHOLESALE TRADE -----	1,164	39.5	145.00	143.50	128.00-163.50	-	-	7	41	58	67	151	222	107	182	154	69	38	11	28	29	-	-			
RETAIL TRADE -----	270	39.5	132.50	126.00	117.00-152.00	-	-	-	-	5	14	101	27	22	23	45	13	13	7	1	-	-	-			
FINANCE ⁶ -----	655	38.5	132.00	132.00	117.50-143.50	-	-	-	24	35	42	93	116	141	81	18	73	13	17	1	1	-	-			
CLERKS, ACCOUNTING, CLASS B -----	2,703	39.5	125.00	127.00	110.50-141.50	-	6	20	116	267	251	351	501	441	454	178	82	20	16	4	-	-	-			
MANUFACTURING -----	1,182	39.5	126.50	128.00	111.50-142.50	-	5	7	39	88	139	172	179	185	195	108	47	12	7	-	-	-	-			
NONMANUFACTURING -----	1,521	39.5	124.00	126.50	109.50-140.00	-	1	13	78	179	112	179	320	255	259	69	35	8	9	4	-	-	-			
PUBLIC UTILITIES ⁵ -----	539	40.0	128.50	130.50	119.00-143.50	-	-	-	29	38	25	49	124	90	138	29	16	-	-	-	-	-	-			
WHOLESALE TRADE -----	584	40.0	131.00	131.00	120.00-143.00	-	-	-	1	30	49	63	126	129	105	40	19	8	9	4	-	-	-			
CLERKS, FILE, CLASS B -----	395	39.0	107.00	104.50	95.50-120.00	-	2	21	23	75	96	81	52	37	7	1	-	-	-	-	-	-	-			
CLERKS, ORDER -----	5,147	40.0	139.00	139.50	121.50-155.50	-	-	19	75	259	294	528	710	745	769	684	432	376	132	64	10	52	-			
MANUFACTURING -----	2,189	40.0	140.50	143.00	123.00-157.50	-	-	16	12	67	140	256	252	270	355	330	252	113	69	46	8	4	-			
NONMANUFACTURING -----	2,958	39.5	137.50	137.50	121.00-154.50	-	-	3	63	191	155	272	458	475	415	354	180	263	63	18	2	48	-			
WHOLESALE TRADE -----	2,868	39.5	138.00	138.00	121.50-154.50	-	-	3	58	185	147	257	425	474	412	342	170	262	63	18	2	48	-			
CLERKS, PAYROLL -----	1,356	39.5	143.00	143.50	127.50-159.00	-	-	-	9	24	65	112	209	196	155	267	181	77	25	10	8	21	-			
MANUFACTURING -----	966	39.5	144.50	147.00	127.00-161.00	-	-	-	9	8	48	87	159	125	74	202	129	65	23	9	8	20	-			
NONMANUFACTURING -----	390	40.0	140.00	141.50	128.00-153.00	-	-	-	-	16	17	25	45	71	80	64	51	12	2	1	-	1	-			
PUBLIC UTILITIES ⁵ -----	264	40.0	140.00	141.00	130.50-150.50	-	-	-	-	14	3	25	22	60	72	25	33	7	2	-	-	-	-			
KEYPUNCH OPERATORS, CLASS A -----	294	40.0	131.00	134.50	131.00-138.00	-	-	-	-	5	23	27	1	209	21	6	2	-	-	-	-	-	-			
OFFICE BOYS -----	4,584	39.0	91.00	88.50	79.00-100.50	-	309	928	1212	952	498	331	254	77	22	1	-	-	-	-	-	-	-			
MANUFACTURING -----	1,650	39.5	92.50	90.50	80.50-103.50	-	82	297	432	354	208	117	128	25	7	1	-	-	-	-	-	-	-			
NONMANUFACTURING -----	2,935	39.0	90.00	87.50	78.00-99.50	-	227	632	780	599	290	214	126	52	15	-	-	-	-	-	-	-	-			
PUBLIC UTILITIES ⁵ -----	491	39.5	105.50	110.50	89.50-121.00	-	3	64	58	61	55	115	92	35	8	-	-	-	-	-	-	-	-			
WHOLESALE TRADE -----	351	39.5	89.00	86.50	78.50-98.00	-	18	91	102	66	30	13	-	2	-	-	-	-	-	-	-	-	-			
FINANCE ⁶ -----	1,487	38.5	85.00	83.50	75.00-93.50	-	171	386	431	294	151	28	12	10	5	-	-	-	-	-	-	-	-			
SERVICES -----	430	38.5	90.00	89.00	81.00-98.00	-	25	63	138	127	32	34	4	7	-	-	-	-	-	-	-	-	-			
SECRETARIES -----	304	40.0	151.00	152.50	135.00-164.50	-	-	-	2	7	18	11	24	41	33	45	62	20	17	10	9	5	-			
TABULATING-MACHINE OPERATORS, CLASS A -----	1,220	39.5	153.50	149.00	135.50-167.50	-	-	-	2	10	31	52	104	231	205	157	152	81	57	29	38	72	-			
MANUFACTURING -----	610	40.0	157.50	151.50	137.00-176.50	-	-	-	-	-	15	28	51	93	102	78	55	54	40	18	26	49	-			
NONMANUFACTURING -----	610	39.0	149.50	147.50	134.50-162.50	-	-	-	2	10	15	24	53	138	103	80	97	27	17	11	12	23	-			
FINANCE ⁵ -----	299	38.5	144.00	145.00	135.50-160.00	-	-	-	2	10	11	15	23	69	52	41	50	18	2	4	1	-	-			
TABULATING-MACHINE OPERATORS, CLASS B -----	1,841	39.5	129.50	129.50	113.50-144.50	-	-	-	28	133	195	297	278	336	224	148	114	65	22	2	-	-	-			
MANUFACTURING -----	812	39.5	136.50	135.00	121.50-151.50	-	-	-	9	29	40	102	134	167	115	95	65	46	11	1	-	-	-			
NONMANUFACTURING -----	1,029	39.0	124.00	123.00	108.50-138.50	-	-	-	20	105	154	196	144	169	109	53	49	19	11	1	-	-	-			
WHOLESALE TRADE -----	276	40.0	118.50	114.50	107.00-129.50	-	-	-	4	28	59	86	34	29	19	4	6	8	-	-	-	-	-			
FINANCE ⁵ -----	347	38.0	119.00	118.00	103.00-130.50	-	-	-	8	53	63	60	72	42	17	7	25	-	-	-	-	-	-			
TABULATING-MACHINE OPERATORS, CLASS C -----	692	39.5	111.00	109.00	97.50-122.00	-	-	3	82	124	163	126	93	51	25	20	6	-	-	-	-	-	-			
MANUFACTURING -----	342	40.0	115.50	113.00	102.50-128.50	-	-	-	23	45	89	45	64	39	22	12	3	-	-	-	-	-	-			
NONMANUFACTURING -----	350	39.0	106.50	106.50	94.00-116.50	-	-	3	59	79	74	81	29	12	3	8	3	-	-	-	-	-	-			

See footnotes at end of table.

Table A-4. Office occupations—North Central—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the North Central region, ¹ February 1970 ²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over				
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over				
WOMEN																										
BILLERS, MACHINE (BILLING MACHINE) -----	3,486	39.5	\$ 103.50	\$ 100.50	\$ 86.50-119.50	1	182	393	512	639	477	432	237	262	187	152	5	-	7	-	-	-	-	-	-	
MANUFACTURING -----	1,149	39.5	104.00	102.00	89.50-116.50	-	1	86	215	224	209	209	60	99	8	26	5	-	7	-	-	-	-	-	-	
NONMANUFACTURING -----	2,337	39.5	103.50	99.50	84.00-125.00	1	181	307	297	415	268	223	177	163	179	126	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	803	40.0	127.00	131.00	116.00-142.50	-	7	28	9	42	82	100	117	126	174	119	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	842	39.5	97.50	96.50	88.50-108.00	-	66	52	116	287	139	97	47	31	5	1	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	495	39.5	81.50	78.00	71.50-89.50	-	86	186	109	67	14	21	2	6	-	6	-	-	-	-	-	-	-	-	-	
BILLERS, MACHINE (BOOKKEEPING MACHINE) -----	1,623	39.5	96.50	94.50	82.00-112.50	7	100	230	317	314	183	202	184	32	57	1	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	565	40.0	105.50	109.50	93.50-121.00	-	18	32	66	69	101	132	116	20	13	1	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	1,058	39.5	91.50	89.50	79.00-101.00	7	82	197	251	245	82	70	68	12	44	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	553	39.5	84.00	83.50	75.50-93.50	7	66	146	161	100	28	42	5	-	-	-	-	-	-	-	-	-	-	-	-	
BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	3,761	39.5	114.00	113.50	101.00-127.00	-	10	65	220	566	704	752	666	362	288	60	44	24	-	-	-	-	-	-	-	
MANUFACTURING -----	1,931	39.5	116.00	116.00	102.00-129.00	-	-	21	82	315	292	384	394	181	183	48	22	7	-	-	-	-	-	-	-	
NONMANUFACTURING -----	1,830	39.5	111.50	111.00	100.50-124.50	-	10	43	139	251	412	368	272	180	105	12	22	17	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	730	39.5	117.00	114.50	107.50-126.50	-	-	5	20	33	175	222	139	65	40	11	11	11	-	-	-	-	-	-	-	
RETAIL TRADE -----	478	40.0	110.00	109.50	99.50-125.00	-	9	-	35	79	119	67	73	67	29	1	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	356	39.0	100.50	98.50	87.50-109.00	-	1	37	70	79	89	20	22	21	17	-	-	-	-	-	-	-	-	-	-	
BOOKKEEPING-MACHINE OPERATORS, CLASS B -----	6,460	39.5	96.00	94.00	83.00-106.00	12	317	765	1525	1413	1108	558	326	299	88	26	24	2	-	-	-	-	-	-	-	
MANUFACTURING -----	2,485	39.5	102.00	99.50	88.00-114.50	-	30	178	498	562	441	300	177	209	63	18	7	2	-	-	-	-	-	-	-	
NONMANUFACTURING -----	3,975	39.0	92.00	91.00	81.00-102.50	12	286	588	1028	849	666	258	149	89	25	8	17	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,175	39.5	98.00	99.00	85.00-108.00	-	24	115	238	232	323	118	61	36	25	4	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	931	39.5	88.00	89.00	79.00-99.00	11	95	145	227	245	144	41	20	-	-	3	1	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	1,261	38.0	86.50	85.00	76.50-95.50	-	145	252	406	257	143	29	7	22	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	433	39.5	96.50	90.00	81.50-112.50	1	22	73	122	48	36	62	43	10	-	-	16	-	-	-	-	-	-	-	-	
CLERKS, ACCOUNTING, CLASS A -----	17,957	39.5	123.50	121.50	107.00-138.00	-	4	96	654	1636	2963	3118	3189	2295	1633	1057	516	473	210	76	22	16	6	10	6	
MANUFACTURING -----	7,697	39.5	129.00	126.00	112.50-143.00	-	-	21	109	464	1062	1240	1617	965	861	507	271	335	168	58	16	-	-	-	-	
NONMANUFACTURING -----	10,260	39.0	119.50	117.50	103.50-134.50	-	4	75	545	1172	1902	1878	1572	1330	773	551	245	138	43	18	6	10	-	-		
PUBLIC UTILITIES ⁵ -----	1,957	39.5	127.50	126.00	115.00-141.50	-	-	6	35	132	147	407	330	371	223	192	87	27	1	-	-	-	-	-	-	
WHOLESALE TRADE -----	2,084	39.5	123.00	122.00	107.00-136.00	-	2	-	96	119	423	339	337	357	167	104	43	51	33	7	6	-	-	-	-	
RETAIL TRADE -----	2,313	39.5	115.50	114.00	102.50-128.50	-	-	32	177	210	503	485	361	267	162	67	23	28	-	-	-	-	-	-	-	
FINANCE ⁶ -----	2,694	38.5	112.50	108.50	98.00-124.50	-	2	30	186	590	623	446	342	188	111	135	33	2	5	1	-	-	-	-	-	
SERVICES -----	1,213	38.5	123.00	121.00	105.50-138.00	-	-	7	52	121	206	202	201	148	110	53	59	30	4	10	-	10	-	-	-	
CLERKS, ACCOUNTING, CLASS B -----	34,844	39.5	97.50	94.50	83.50-109.00	9	803	4699	8179	7275	5704	3325	2344	1244	903	272	77	6	3	-	-	-	-	-	-	
MANUFACTURING -----	13,048	39.5	102.00	100.00	88.50-114.00	-	119	1062	2431	2864	2671	1499	1220	588	421	130	40	3	-	-	-	-	-	-	-	
NONMANUFACTURING -----	21,796	39.0	95.00	91.50	81.50-105.50	9	684	3637	5749	4411	3032	1827	1125	656	482	142	37	3	3	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	3,935	40.0	105.00	102.00	86.50-119.50	-	10	340	864	676	489	586	272	271	316	95	16	1	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	3,942	40.0	97.50	94.00	84.00-110.00	-	139	443	936	836	612	454	269	134	74	31	10	2	3	-	-	-	-	-	-	
RETAIL TRADE -----	5,400	39.5	91.00	90.00	79.50-102.00	-	242	1142	1310	1131	914	323	236	80	22	2	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	6,462	38.0	89.00	86.00	79.50-96.50	9	243	1490	2130	1383	686	225	139	95	38	14	11	-	-	-	-	-	-	-	-	
SERVICES -----	2,057	38.5	98.00	96.00	85.50-111.50	-	52	223	510	386	332	239	209	76	32	-	-	-	-	-	-	-	-	-	-	
CLERKS, FILE, CLASS A -----	3,734	39.0	100.50	98.50	85.50-113.50	-	31	482	761	681	659	442	318	209	121	23	5	1	2	-	-	-	-	-	-	
MANUFACTURING -----	1,172	39.5	110.50	108.50	100.50-121.50	-	4	32	52	180	355	225	143	117	59	7	1	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	2,562	39.0	96.00	91.50	82.00-108.00	-	27	450	710	501	304	218	175	93	62	16	4	1	2	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	254	40.0	123.50	123.50	111.50-137.50	-	-	3	6	28	16	41	68	45	26	15	4	1	2	-	-	-	-	-	-	
WHOLESALE TRADE -----	514	40.0	91.00	82.00	77.50-106.00	-	-	223	107	29	60	41	19	12	22	1	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	1,214	38.5	92.00	89.00	82.00-100.50	-	26	188	434	256	146	88	46	17	13	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	433	38.5	98.50	95.00	88.50-107.00	-	-	11	120	149	64	43	31	14	1	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-4. Office occupations—North Central—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the North Central region, ¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over				
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over				
WOMEN - CONTINUED																										
CLERKS, FILE, CLASS B -----	13,853	39.0	\$ 87.00	\$ 83.50	\$ 75.50- 95.00	119	966	4497	3567	2003	1234	862	376	125	59	40	3	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	3,643	39.5	93.00	91.50	82.00-103.00	-	126	587	960	841	561	394	108	20	6	39	3	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	10,210	39.0	84.50	81.00	74.00- 91.00	119	841	3911	2608	1163	673	469	268	105	53	1	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	1,126	39.5	101.50	99.00	86.00-116.50	-	6	136	236	191	161	190	79	77	49	1	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,442	39.5	85.50	82.00	73.50- 95.00	-	115	505	353	194	135	64	72	3	-	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	1,230	39.0	87.00	83.50	72.00-102.50	104	141	280	231	149	75	133	89	25	4	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	5,575	38.5	80.50	78.50	73.50- 86.00	16	519	2659	1562	490	246	60	25	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	837	38.5	83.00	81.00	75.00- 90.50	-	59	332	226	140	56	22	3	-	-	-	-	-	-	-	-	-	-	-	-	
CLERKS, FILE, CLASS C -----	9,207	39.0	77.00	75.00	69.50- 83.00	29	2461	3550	2116	631	189	149	69	13	1	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	1,176	39.5	80.00	79.50	73.00- 85.50	-	151	453	372	143	42	9	4	1	1	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	8,031	39.0	76.50	74.50	69.00- 82.50	29	2310	3096	1745	488	147	140	65	12	-	-	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	385	40.0	92.00	86.50	79.00-108.00	-	24	86	117	39	28	56	24	11	-	-	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	839	40.0	77.50	75.50	71.50- 84.00	-	128	396	190	116	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	735	39.5	85.50	82.50	72.00-101.00	19	128	152	167	76	90	74	28	1	-	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	5,183	38.5	74.50	73.50	68.50- 80.50	10	1674	2131	1090	239	23	2	13	-	-	-	-	-	-	-	-	-	-	-	-	
CLERKS, ORDER -----	8,502	39.5	99.00	97.00	84.00-110.50	2	268	1096	1818	1519	1637	836	513	369	261	104	49	19	13	-	-	-	-	-	-	
MANUFACTURING -----	4,332	39.5	101.50	99.50	86.50-113.50	-	46	454	899	795	851	492	316	242	168	57	6	1	8	-	-	-	-	-	-	
NONMANUFACTURING -----	4,170	39.5	96.50	95.00	82.00-107.00	2	223	642	919	725	786	343	198	127	93	47	43	18	5	-	-	-	-	-	-	
WHOLESALE TRADE -----	2,453	39.5	101.00	99.50	85.50-110.00	-	75	230	504	461	564	248	107	79	73	47	43	18	5	-	-	-	-	-	-	
RETAIL TRADE -----	1,011	39.5	86.00	83.00	73.50- 97.00	2	133	281	247	139	86	75	38	10	-	-	-	-	-	-	-	-	-	-	-	
CLERKS, PAYROLL -----	10,943	39.5	113.50	112.00	96.50-129.00	-	44	496	1071	1763	1752	1713	1517	1031	671	542	197	79	59	3	3	-	-	-	-	
MANUFACTURING -----	6,691	39.5	115.00	112.50	98.00-130.00	-	2	256	608	1030	1201	1014	914	623	398	380	146	70	45	3	2	-	-	-	-	
NONMANUFACTURING -----	4,251	39.0	111.00	111.50	94.00-127.50	-	42	240	463	733	552	700	603	408	272	162	51	9	14	-	1	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	1,009	40.0	122.00	125.50	103.50-140.50	-	5	23	82	89	100	117	162	165	145	83	33	4	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	625	39.5	115.50	115.50	100.00-130.00	-	8	22	62	65	81	152	82	48	42	49	8	5	2	-	-	-	-	-	-	
RETAIL TRADE -----	1,244	39.5	101.00	99.00	88.50-114.50	-	19	121	200	314	176	202	114	60	18	10	9	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	599	38.5	113.50	113.50	96.00-129.00	-	1	45	49	90	72	120	82	65	47	17	-	-	12	-	-	-	-	-	-	
SERVICES -----	775	38.5	108.00	108.00	96.00-124.00	-	10	28	69	175	125	109	163	71	20	3	1	-	-	-	-	-	-	-	-	
COMPTOMETER OPERATORS -----	6,797	39.5	105.00	102.00	89.00-120.00	27	99	536	1184	1306	1186	773	701	338	363	168	117	-	-	-	-	-	-	-	-	
MANUFACTURING -----	2,704	39.5	112.00	108.00	94.00-127.50	-	6	106	397	419	563	333	265	141	239	128	109	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	4,093	39.5	100.00	98.00	86.00-114.50	27	94	431	787	887	624	440	436	198	124	40	8	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	499	40.0	124.00	131.00	116.00-140.50	-	-	32	37	23	29	15	96	136	104	27	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	865	39.5	102.50	100.00	90.00-113.50	-	13	15	186	221	167	134	74	29	8	13	7	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	2,460	39.5	95.00	94.50	83.00-107.00	27	81	370	462	587	396	244	254	33	8	-	1	-	-	-	-	-	-	-	-	
KEYPUNCH OPERATORS, CLASS A -----	16,989	39.5	110.50	108.50	98.00-123.00	-	15	165	1512	3322	3998	3081	2066	1730	715	240	95	53	-	-	-	-	-	-	-	
MANUFACTURING -----	7,921	39.5	112.50	110.00	100.00-124.00	-	11	91	442	1457	1986	1561	846	870	372	144	92	53	-	-	-	-	-	-	-	
NONMANUFACTURING -----	9,067	39.0	109.00	107.00	96.00-122.00	-	4	74	1070	1865	2012	1520	1220	861	343	96	3	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	1,989	40.0	117.50	120.00	100.00-134.50	-	-	14	227	261	245	245	236	491	213	58	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,527	39.5	112.50	114.00	102.00-124.00	-	-	7	105	185	350	379	298	163	36	4	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	1,050	39.5	113.50	113.00	102.50-124.50	-	2	12	42	129	257	207	259	86	46	11	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	3,548	38.5	102.00	101.00	93.00-110.50	-	2	36	523	1121	963	479	331	85	5	5	-	-	-	-	-	-	-	-	-	
SERVICES -----	952	39.0	106.50	104.00	93.00-118.50	-	-	6	174	169	195	211	97	36	43	18	3	-	-	-	-	-	-	-	-	
KEYPUNCH OPERATORS, CLASS B -----	22,119	39.5	97.50	94.00	84.00-108.50	11	516	2891	5584	4716	3237	2022	1290	962	449	353	84	2	-	-	-	-	-	-	-	
MANUFACTURING -----	8,940	39.5	103.50	99.00	88.50-117.00	-	176	576	1816	2115	1349	995	654	565	356	256	81	2	-	-	-	-	-	-	-	
NONMANUFACTURING -----	13,179	39.0	94.00	90.50	81.50-103.50	11	341	2316	3769	2601	1889	1027	636	397	93	97	3	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	2,398	39.5	102.00	97.00	84.00-122.00	-	24	306	558	426	265	203	281	239	51	44	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	3,135	40.0	95.50	92.50	82.50-105.50	-	114	428	812	670	514	239	171	91	41	52	3	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	1,421	39.5	91.50	89.50	81.50-101.00	2	25	269	426	310	223	82	60	21	1	1	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	5,010	38.5	88.50	87.00	79.50- 97.00	9	136	1177	1717	1002	640	243	64	22	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	1,216	38.5	97.50	99.00	85.00-111.50	-	42	135	256	192	247	260	60	24	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-4. Office occupations—North Central—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the North Central region, ¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																										
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over										
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over										
WOMEN - CONTINUED																																
OFFICE GIRLS -----	5,307	39.0	\$ 82.00	\$ 79.50	\$ 72.00-88.50	8	944	1806	1362	618	265	181	60	29	32	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	1,721	39.5	86.00	81.50	73.50-95.50	-	166	620	380	249	125	79	43	27	31	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	3,586	39.0	80.00	78.50	71.00-86.50	8	779	1186	922	368	140	102	16	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	557	39.0	90.50	87.50	79.50-99.00	-	5	149	164	107	48	73	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	510	39.5	80.00	78.00	72.00-86.50	-	95	211	112	67	11	14	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	349	39.5	79.00	77.00	71.00-87.50	4	69	129	80	39	18	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	1,880	38.5	76.50	75.50	68.50-83.00	-	585	608	536	120	23	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	291	38.5	84.00	82.50	76.00-92.00	4	26	90	90	36	40	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SECRETARIES ⁷ -----	77,326	39.0	130.50	128.00	112.00-146.50	8	70	476	2167	5340	9414	11145	12639	11060	8588	5896	3957	3168	1776	752	412	460	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	41,524	39.5	134.00	131.00	115.50-150.50	-	15	144	641	2087	4587	5981	6778	5967	4705	3384	2511	2231	1297	520	321	353	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	35,802	39.0	126.00	124.50	108.00-142.00	8	55	332	1526	3253	4827	5164	5861	5093	3882	2512	1446	937	479	232	90	107	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	5,785	39.5	137.50	138.00	120.50-154.50	-	3	66	112	298	373	559	818	874	905	701	470	295	164	72	28	48	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	6,620	39.5	128.00	126.00	110.00-145.00	-	-	28	269	521	820	1031	965	894	818	577	247	227	119	52	22	29	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	4,441	39.5	121.50	121.50	107.00-137.50	4	25	65	189	349	676	798	785	567	495	264	134	49	19	16	4	4	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	13,383	38.5	120.00	118.50	103.00-134.50	4	13	126	782	1674	2361	2040	2105	1843	1131	645	282	191	105	42	21	18	-	-	-	-	-	-	-	-	-	-
SERVICES -----	5,574	38.0	128.50	127.00	115.00-141.50	-	14	47	174	411	597	735	1189	916	533	325	313	175	72	50	15	8	-	-	-	-	-	-	-	-	-	-
SECRETARIES, CLASS A -----	6,717	39.5	151.00	149.50	132.00-170.00	-	-	15	35	90	220	497	657	856	1017	944	710	661	405	282	145	182	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	3,921	39.5	153.00	151.50	133.00-172.50	-	-	-	25	34	127	240	396	476	566	550	416	414	284	168	97	129	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	2,796	39.0	148.00	147.50	130.00-166.00	-	-	15	11	57	94	258	261	381	451	395	293	247	121	114	48	53	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	554	39.5	162.50	161.50	147.00-177.00	-	-	-	-	2	4	16	16	47	80	95	101	88	28	39	16	21	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	598	39.5	141.50	140.00	122.00-155.50	-	-	5	-	23	21	85	81	82	114	62	21	38	32	21	6	6	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	354	39.0	136.00	136.50	115.50-156.50	-	-	11	7	7	25	68	31	43	54	31	32	26	9	8	2	1	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	946	38.5	147.00	146.00	131.00-160.00	-	-	-	4	19	37	57	105	163	169	162	82	54	31	27	21	18	-	-	-	-	-	-	-	-	-	-
SERVICES -----	344	38.5	153.00	155.00	136.00-171.00	-	-	-	-	6	7	31	28	46	34	45	57	40	21	19	3	7	-	-	-	-	-	-	-	-	-	-
SECRETARIES, CLASS B -----	17,790	39.0	139.50	137.50	122.00-155.50	-	-	24	228	618	1332	1699	2888	2786	2753	1811	1284	841	697	326	245	257	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	8,849	39.5	145.00	141.50	126.00-160.50	-	-	15	52	130	391	780	1391	1413	1509	908	677	478	453	227	208	219	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	8,942	39.0	134.00	133.00	117.50-150.50	-	-	9	177	489	942	919	1499	1373	1245	903	607	363	244	99	37	38	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	1,114	39.5	149.00	150.00	134.00-166.00	-	-	-	17	17	36	61	95	143	191	183	162	108	64	23	7	11	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	1,513	39.5	137.50	138.00	116.00-155.50	-	-	5	18	97	200	115	204	151	236	173	116	57	74	29	16	23	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	861	39.5	133.50	132.00	118.50-152.50	-	-	-	18	26	99	92	173	110	104	127	76	18	6	8	2	3	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	4,091	38.5	127.00	126.00	112.50-139.50	-	-	4	99	278	537	591	865	714	474	225	109	127	58	14	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	1,363	38.0	141.00	141.50	126.00-156.50	-	-	-	26	71	71	62	162	256	240	197	145	53	42	25	12	1	-	-	-	-	-	-	-	-	-	-
SECRETARIES, CLASS C -----	29,326	39.5	131.00	129.50	114.50-147.00	8	55	118	672	1647	3303	4229	4938	4592	3349	2342	1698	1558	645	139	17	19	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	16,265	39.5	136.00	133.00	118.00-154.00	-	15	15	143	552	1583	2385	2680	2387	1788	1542	1228	1270	537	121	13	4	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	13,061	39.0	125.00	125.50	108.50-140.00	8	40	104	529	1096	1719	1843	2258	2204	1561	799	468	288	108	18	4	15	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	2,195	39.5	139.00	139.50	125.00-154.00	-	-	16	27	62	104	195	335	383	416	299	183	84	66	9	4	15	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	2,567	39.0	127.50	127.00	111.00-144.00	-	-	-	128	222	270	346	407	458	306	183	101	130	13	2	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	1,843	40.0	123.50	126.00	111.50-139.00	4	18	19	33	112	216	336	356	317	303	102	19	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	4,540	38.5	116.50	115.50	102.00-131.00	4	13	42	286	604	947	735	710	602	333	149	87	10	16	1	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	1,917	38.0	127.50	128.00	116.50-138.50	-	8	27	54	95	181	232	452	444	203	67	79	60	9	6	-	-	-	-	-	-	-	-	-	-	-	-
SECRETARIES, CLASS D -----	22,591	39.0	116.00	116.00	102.50-128.50	-	16	310	1186	2907	4433	4619	4052	2714	1322	719	191	94	22	4	4	1	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	12,136	39.5	117.50	117.50	104.50-129.50	-	-	114	415	1356	2456	2555	2271	1626	776	348	128	63	21	4	4	1	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	10,455	38.5	114.00	114.00	100.50-126.50	-	16	196	772	1551	1976	2063	1781	1088	545	371	63	31	1	-	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	1,765	39.0	119.00	120.50	104.50-134.00	-	3	50	68	217	229	288	369	278	152	92	13	7	1	-	-	-	-	-	-	-	-	-	-	-		

Table A-4. Office occupations—North Central—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the North Central region, ¹ February 1970 ²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																						
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over						
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over						
WOMEN - CONTINUED																												
STENOGRAPHERS, GENERAL -----	24,140	39.5	\$ 103.50	\$ 101.50	\$ 89.00-117.50	7	357	1795	4317	4882	4190	3359	2676	1859	475	191	15	19	-	-	-	-	-	-	-	-	-	1
MANUFACTURING -----	12,111	39.5	105.00	103.00	92.00-119.00	-	43	595	1918	2673	2290	1775	1644	862	164	125	3	19	-	-	-	-	-	-	-	-	-	1
NONMANUFACTURING -----	12,029	39.0	101.50	99.50	86.00-116.00	7	314	1200	2400	2210	1900	1584	1032	996	311	66	12	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	3,594	40.0	114.00	114.00	95.50-134.00	-	-	109	428	604	422	485	441	759	277	59	12	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	1,881	39.5	102.00	103.00	91.00-113.50	-	41	128	255	352	492	350	156	85	15	6	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	941	39.0	93.50	94.00	83.00-104.50	7	44	96	235	240	145	100	66	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	4,146	38.5	91.50	89.00	80.50-102.00	-	204	759	1265	752	545	349	208	58	7	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	1,468	38.0	103.50	103.50	90.50-117.00	-	25	109	218	260	296	299	161	88	11	1	-	-	-	-	-	-	-	-	-	-	-	-
STENOGRAPHERS, SENIOR -----	22,168	39.5	119.50	119.00	103.00-135.00	-	46	193	1133	2870	3726	3588	3459	3032	2243	1188	631	32	24	5	1	-	-	-	-	-	-	-
MANUFACTURING -----	13,268	39.5	121.50	120.50	105.00-137.50	-	6	56	521	1601	2166	2146	1948	1940	1422	896	527	21	14	5	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	8,900	39.0	116.00	116.50	101.00-131.00	-	40	137	612	1269	1559	1443	1511	1091	821	292	104	12	10	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	1,842	40.0	125.00	128.00	110.00-141.00	-	5	22	76	200	157	250	265	380	302	128	48	9	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	1,837	39.5	121.50	122.00	107.00-136.00	-	-	-	99	160	286	307	363	276	208	104	35	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	471	39.0	111.00	113.50	95.50-126.00	-	2	10	69	56	84	88	65	64	32	3	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	3,223	38.5	106.00	104.50	94.50-119.00	-	32	103	343	753	773	472	454	232	52	10	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	1,527	37.5	122.00	121.50	109.50-134.00	-	-	2	26	100	261	326	363	140	227	46	21	3	10	-	-	-	-	-	-	-	-	-
SWITCHBOARD OPERATORS, CLASS A -----	3,178	39.5	115.50	115.00	101.00-129.00	-	15	72	194	461	610	549	519	352	235	115	53	3	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	1,729	39.5	119.50	118.00	104.50-135.50	-	-	18	85	208	303	326	247	220	165	104	51	2	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	1,450	39.0	110.00	109.50	97.00-124.00	-	15	54	109	255	306	223	272	132	70	11	2	1	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	397	40.0	124.00	125.50	120.00-131.50	-	-	2	3	22	42	29	188	71	38	2	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	460	38.0	105.50	104.00	95.00-116.00	-	-	7	22	140	126	91	49	17	8	-	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	277	38.5	99.50	99.50	86.00-112.00	-	9	38	43	50	57	41	14	20	2	3	-	-	-	-	-	-	-	-	-	-	-	-
SWITCHBOARD OPERATORS, CLASS B -----	5,176	39.5	92.50	90.50	77.50-105.50	40	488	1009	990	974	625	442	450	110	36	11	3	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	861	39.5	106.00	107.00	92.00-120.00	-	14	44	124	132	166	165	167	35	8	5	1	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	4,315	40.0	90.00	87.50	76.00-101.00	40	475	965	865	841	459	277	283	75	28	6	2	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	428	40.0	116.00	120.50	103.00-127.00	-	-	3	33	56	43	73	157	31	25	6	2	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	369	40.0	101.50	99.50	91.50-117.00	-	35	8	39	113	55	49	43	25	2	-	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	1,224	39.5	85.00	83.00	75.00-94.50	4	106	386	293	242	124	39	22	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	1,133	38.5	93.50	93.00	83.00-101.50	4	32	154	280	331	183	100	39	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	1,161	41.0	78.50	76.00	69.00-85.50	31	302	414	221	100	56	16	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SWITCHBOARD OPERATOR-RECEPTIONISTS -----	11,140	39.5	98.00	97.00	86.00-109.50	-	261	1234	2155	2588	2188	1372	770	285	197	71	16	-	5	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	5,605	39.5	100.00	99.50	89.50-111.00	-	95	360	1021	1421	1226	772	387	204	71	39	11	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	5,535	39.0	96.00	94.00	83.00-108.00	-	166	874	1134	1167	961	600	384	80	126	32	5	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	678	40.0	107.50	106.00	85.50-124.50	-	21	81	96	93	86	85	73	21	85	28	5	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	1,999	39.5	98.00	96.50	87.50-109.50	-	15	233	388	499	380	264	143	40	38	2	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	1,141	40.0	86.50	84.50	74.50-98.00	-	81	339	264	201	143	54	56	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	983	38.0	93.50	92.50	82.50-103.50	-	19	181	231	224	173	94	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	734	38.5	99.00	99.00	87.00-109.50	-	32	41	156	151	181	102	50	18	2	2	-	-	-	-	-	-	-	-	-	-	-	-
TABULATING-MACHINE OPERATORS, CLASS A -----	494	39.5	137.00	133.00	117.00-158.00	-	-	-	5	32	58	52	71	86	52	15	35	59	13	8	3	4	-	-	-	-	-	-
NONMANUFACTURING -----	301	39.0	133.00	129.50	113.50-143.00	-	-	-	1	23	47	27	60	55	29	9	8	31	4	3	2	3	-	-	-	-	-	-
TABULATING-MACHINE OPERATORS, CLASS B -----	1,194	39.5	118.50	118.00	100.00-134.50	-	-	8	111	177	171	178	166	175	93	57	25	12	19	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	521	39.5	126.00	127.00	109.50-137.00	-	-	-	15	34	85	73	101	112	27	29	17	9	19	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	673	39.0	113.00	110.50	96.00-130.00	-	-	8	96	142	86	106	68	63	66	28	8	3	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	299	39.5	117.50	117.50	93.50-140.00	-	-	2	51	44	18	57	12	41	47	25	-	3	-	-	-	-	-	-	-	-	-	-
TABULATING-MACHINE OPERATORS, CLASS C -----	661	39.5	98.50	93.50	84.00-112.50	-	5	88	169	130	84	73	73	25	9	3	3	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	461	39.5	95.50	91.50	82.00-110.50	-	1	81	127	98	38	49	59	5	2	2	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table A-4. Office occupations—North Central—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the North Central region,¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over							
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over							
WOMEN - CONTINUED																													
TRANSCRIBING-MACHINE OPERATORS, GENERAL	6,920	39.0	\$ 95.50	\$ 93.00	\$ 83.50-105.50	4	106	1122	1649	1519	1264	583	347	200	67	55	4	1	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	2,198	39.5	99.00	98.00	87.00-110.00	-	4	293	364	531	452	265	192	70	16	10	-	1	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING	4,722	39.0	94.00	91.00	82.00-104.00	4	102	828	1286	988	811	317	156	130	51	45	4	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	998	39.5	98.00	95.00	85.00-108.50	-	35	132	206	224	185	102	40	40	28	6	1	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁵	2,753	38.5	91.00	89.50	82.00-100.00	4	16	506	900	632	483	132	55	19	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES	558	39.0	92.00	89.00	78.00-103.50	-	35	143	121	83	90	47	35	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TYPISTS, CLASS A	19,762	39.5	104.00	102.00	90.00-116.50	-	65	1198	3681	4088	4071	2555	1866	1101	797	278	31	12	18	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	10,360	39.5	108.50	105.50	94.00-121.00	-	1	310	1342	2187	2242	1533	1239	684	540	237	20	9	18	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING	9,402	39.0	99.50	97.00	86.00-110.00	-	64	889	2340	1901	1830	1022	626	418	257	41	11	3	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁶	1,209	40.0	111.50	109.50	92.00-131.50	-	21	31	201	213	148	170	91	169	132	25	6	3	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	1,411	39.5	102.50	102.50	89.50-115.00	-	-	128	246	250	349	188	150	63	34	4	-	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE	799	40.0	104.50	104.00	94.50-115.50	-	-	8	107	181	237	144	72	39	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁵	4,822	39.0	93.00	90.50	83.00-102.50	-	42	674	1634	1012	846	367	149	70	20	2	5	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES	1,161	38.0	107.00	103.50	93.00-121.50	-	2	48	152	246	250	153	164	77	64	6	-	-	-	-	-	-	-	-	-	-	-	-	-
TYPISTS, CLASS B	32,138	39.0	88.50	86.00	77.50-96.50	17	2202	7775	9836	6033	2988	1728	962	309	201	83	2	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING	11,915	39.5	92.50	90.00	81.50-101.50	-	359	1979	3625	2736	1551	826	518	190	61	71	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING	20,222	39.0	86.00	84.00	75.50-93.50	17	1844	5796	6211	3297	1438	902	445	120	139	12	2	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁶	2,012	39.5	98.00	93.00	84.00-110.50	-	13	233	621	387	237	229	95	54	135	5	2	-	-	-	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE	2,479	39.5	88.50	86.50	78.50-97.50	-	85	629	710	535	322	138	43	8	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-
RETAIL TRADE	1,998	39.5	91.00	88.50	81.00-100.00	17	75	330	654	431	159	180	148	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁵	11,063	38.5	81.50	80.50	73.00-88.50	-	1459	3964	3366	1498	560	176	23	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SERVICES	2,670	38.5	88.50	86.00	77.50-96.50	-	212	640	860	446	160	179	136	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ 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.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.⁶ Finance, insurance, and real estate.⁷ May include workers other than those presented separately.

Table A-5. Office occupations—West

(Average straight-time weekly hours and earnings for selected occupations by industry division in the West,¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean ⁴	Median ⁴	Middle range ⁴	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210				
						and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	and over
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over				
MEN																										
BILLERS, MACHINE (BILLING MACHINE) -----	518	40.0	\$ 145.50	\$ 151.50	\$ 149.00-153.50	-	-	-	4	-	3	6	46	21	56	382	-	-	-	-	-	-	-			
CLERKS, ACCOUNTING, CLASS A -----	1,845	39.5	142.00	141.00	125.00-155.00	-	-	-	-	44	102	146	277	294	357	254	154	113	56	22	24	3				
MANUFACTURING -----	631	40.0	148.00	144.50	133.50-163.50	-	-	-	-	10	18	38	67	70	183	57	79	48	28	15	14	3				
NONMANUFACTURING -----	1,214	39.0	138.50	137.50	123.50-153.00	-	-	-	-	34	84	108	210	224	173	197	76	65	28	7	10	-				
PUBLIC UTILITIES ⁵ -----	338	40.0	148.00	145.00	134.00-165.00	-	-	-	-	12	4	18	23	57	74	57	33	31	22	3	6	-				
CLERKS, ACCOUNTING, CLASS B -----	706	39.5	124.50	129.00	104.00-141.50	-	-	10	33	90	109	52	67	154	100	45	43	3	-	-	-	-				
NONMANUFACTURING -----	491	39.5	124.50	130.00	101.50-142.50	-	-	10	33	69	59	39	35	102	66	34	41	2	-	-	-	-				
CLERKS, ORDER -----	3,048	40.0	137.00	135.50	122.50-153.00	-	-	3	53	175	144	301	510	551	502	187	369	101	86	52	16	-				
MANUFACTURING -----	740	40.0	144.00	140.00	125.00-160.00	-	-	-	4	1	27	111	95	132	117	68	79	5	56	33	13	-				
NONMANUFACTURING -----	2,308	40.0	134.50	134.00	121.50-149.50	-	-	3	49	174	117	190	416	418	384	118	290	96	30	19	3	-				
WHOLESALE TRADE -----	2,196	40.0	136.00	134.50	124.00-150.00	-	-	3	31	141	83	184	416	418	374	118	290	96	30	7	3	-				
CLERKS, PAYROLL -----	384	39.5	148.50	148.50	134.50-162.50	-	-	-	1	4	12	34	33	30	98	60	34	41	21	13	2	1				
OFFICE BOYS -----	2,432	39.0	91.50	90.00	83.00-98.50	4	58	330	833	688	260	127	105	26	2	-	-	-	-	-	-	-				
MANUFACTURING -----	714	39.5	95.00	89.50	83.00-105.00	-	21	89	261	121	79	40	77	25	2	-	-	-	-	-	-	-				
NONMANUFACTURING -----	1,718	39.0	90.00	90.00	82.50-96.50	4	37	241	573	567	182	87	28	1	-	-	-	-	-	-	-	-				
FINANCE ⁶ -----	901	38.5	88.00	88.50	81.00-95.00	4	18	172	307	305	76	16	4	-	-	-	-	-	-	-	-	-				
SERVICES -----	409	39.0	92.50	91.50	85.50-100.00	-	2	24	155	126	67	27	7	-	-	-	-	-	-	-	-	-				
TABULATING-MACHINE OPERATORS, CLASS A -----	419	39.5	153.50	153.00	137.00-170.50	-	-	-	-	-	18	8	22	79	51	86	45	46	39	24	-	-				
TABULATING-MACHINE OPERATORS, CLASS B -----	715	39.5	135.50	137.50	121.00-150.50	-	-	-	2	34	40	96	78	130	151	119	50	14	2	-	-	-				
NONMANUFACTURING -----	542	39.5	134.00	135.00	118.50-150.50	-	-	-	2	34	35	82	66	76	105	98	34	11	-	-	-	-				
WOMEN																										
BILLERS, MACHINE (BILLING MACHINE) -----	1,117	40.0	102.50	97.50	89.50-116.00	-	22	115	156	361	161	104	42	18	100	37	1	-	-	-	-	-				
MANUFACTURING -----	481	40.0	99.00	97.00	91.50-107.00	-	-	17	65	223	98	60	15	2	-	-	1	-	-	-	-	-				
NONMANUFACTURING -----	636	39.5	105.00	98.00	83.50-128.00	-	22	98	91	138	63	45	27	16	100	37	-	-	-	-	-	-				
BILLERS, MACHINE (BOOKKEEPING MACHINE) -----	677	40.0	97.50	99.50	80.50-113.50	-	29	134	103	77	123	120	37	35	9	-	-	12	-	-	-	-				
NONMANUFACTURING -----	524	40.0	97.00	99.00	80.00-112.50	-	29	102	63	77	94	103	27	18	-	-	-	12	-	-	-	-				
BOOKKEEPING-MACHINE OPERATORS, CLASS A -----	1,596	40.0	116.50	117.00	103.50-130.00	-	-	5	73	244	209	401	258	276	87	28	14	-	-	-	-	-				
MANUFACTURING -----	554	40.0	123.50	122.50	116.00-134.00	-	-	-	-	23	44	171	122	134	49	10	-	-	-	-	-	-				
NONMANUFACTURING -----	1,042	40.0	113.00	112.00	98.50-125.00	-	-	5	73	221	165	230	135	142	38	18	14	-	-	-	-	-				
WHOLESALE TRADE -----	304	40.0	115.50	116.00	98.50-132.50	-	-	-	20	69	28	66	26	78	12	5	-	-	-	-	-	-				
BOOKKEEPING-MACHINE OPERATORS, CLASS B -----	2,130	39.5	102.00	100.00	89.50-113.50	-	29	151	360	521	404	290	230	51	7	84	3	1	-	-	-	-				
MANUFACTURING -----	740	40.0	105.50	107.50	97.00-117.50	-	-	22	87	141	155	185	144	5	-	1	1	-	-	-	-	-				
NONMANUFACTURING -----	1,390	39.5	100.50	97.00	85.50-109.00	-	29	129	271	380	249	105	86	46	7	83	2	1	-	-	-	-				
WHOLESALE TRADE -----	511	39.5	100.00	100.00	86.50-110.50	-	14	22	113	105	127	51	67	12	-	-	-	-	-	-	-	-				
RETAIL TRADE -----	459	39.5	95.00	93.50	84.00-103.00	-	15	50	95	165	80	26	5	14	1	7	-	-	-	-	-	-				

See footnotes at end of table.

Table A-5. Office occupation—West—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the West, ¹ February 1970 ²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																			
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over			
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over			
WOMEN - CONTINUED																									
CLERKS, ACCOUNTING, CLASS A -----	10,710	39.5	\$ 126.00	\$ 125.00	\$ 114.00-139.00	-	-	9	68	584	1508	1963	2380	1699	1623	517	204	56	60	29	10	1	-	-	
MANUFACTURING -----	4,249	40.0	128.50	128.50	117.50-142.00	-	-	-	17	164	373	740	965	742	994	133	62	17	41	1	-	-	-	-	
NONMANUFACTURING -----	6,460	39.5	124.00	123.00	110.00-135.50	-	-	9	51	420	1135	1223	1415	957	628	384	142	39	19	28	10	-	-	-	
PUBLIC UTILITIES ⁵ -----	881	39.5	136.00	136.50	120.00-146.50	-	-	-	8	49	161	115	147	228	111	30	11	13	5	2	-	-	-	-	
WHOLESALE TRADE -----	1,145	39.5	123.50	123.50	114.00-133.50	-	-	-	30	64	111	246	321	197	71	71	33	2	-	-	-	-	-	-	
RETAIL TRADE -----	1,419	40.0	122.50	124.00	108.00-135.00	-	-	9	4	112	276	244	310	203	123	111	25	1	-	-	-	-	-	-	
FINANCE ⁶ -----	1,793	39.0	115.50	115.50	103.50-125.50	-	-	-	16	186	552	342	433	156	74	28	5	-	-	-	-	-	-	-	
SERVICES -----	1,223	39.5	129.50	128.00	116.00-140.00	-	-	-	1	51	146	229	236	255	131	63	49	25	6	23	8	-	-	-	
CLERKS, ACCOUNTING, CLASS B -----	15,949	39.5	102.00	100.00	90.50-113.00	-	255	911	2631	4084	3358	2411	984	760	365	91	93	8	1	-	-	-	-	-	
MANUFACTURING -----	4,751	40.0	105.50	103.50	94.00-116.00	-	10	100	520	1319	1103	895	393	338	53	12	7	-	1	-	-	-	-	-	
NONMANUFACTURING -----	11,198	39.5	100.50	98.50	88.00-111.50	-	245	812	2111	2765	2255	1515	592	421	312	79	86	8	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	2,503	40.0	105.50	101.00	93.00-116.00	-	6	28	337	793	487	422	169	119	70	17	48	7	-	-	-	-	-	-	
WHOLESALE TRADE -----	2,249	39.5	103.50	100.50	89.00-117.50	-	47	151	392	503	375	281	220	214	59	6	1	-	-	-	-	-	-	-	
RETAIL TRADE -----	3,278	40.0	99.00	98.50	85.00-110.00	-	139	298	638	629	746	458	106	74	173	17	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	2,115	39.0	92.50	92.00	83.50-101.50	-	20	293	651	528	399	182	42	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	1,054	39.5	104.50	102.00	92.50-113.50	-	32	41	93	313	247	172	55	13	10	39	37	1	-	-	-	-	-	-	
CLERKS, FILE, CLASS A -----	1,256	39.0	105.00	102.00	90.00-122.00	-	-	65	253	261	232	92	179	145	25	2	2	-	-	-	-	-	-	-	
MANUFACTURING -----	308	40.0	122.50	125.50	116.00-132.50	-	-	-	11	16	41	20	118	90	12	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	947	38.5	99.00	96.00	86.50-107.50	-	-	65	242	245	191	72	61	55	13	2	2	-	-	-	-	-	-	-	
FINANCE ⁶ -----	627	38.5	95.00	93.50	85.00-103.50	-	-	49	195	170	138	50	20	5	-	-	-	-	-	-	-	-	-	-	
CLERKS, FILE, CLASS B -----	4,143	39.5	88.50	85.00	76.00- 95.00	-	303	1169	1217	621	326	170	163	158	12	5	-	-	-	-	-	-	-	-	
MANUFACTURING -----	701	40.0	99.50	97.00	88.00-111.00	-	3	76	116	189	134	75	101	3	4	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	3,441	39.0	86.50	83.00	74.50- 91.50	-	300	1092	1101	432	191	95	62	155	8	5	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	404	40.0	107.50	111.50	79.50-132.50	-	8	102	44	12	34	19	30	147	8	1	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	457	39.5	89.00	87.50	81.50- 95.00	-	3	75	197	111	49	14	1	8	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	2,010	39.0	82.00	80.00	73.50- 87.50	-	147	846	675	221	87	19	17	-	-	-	-	-	-	-	-	-	-	-	
CLERKS, FILE, CLASS C -----	4,119	39.0	81.50	78.50	72.00- 86.50	4	721	1566	1031	401	177	48	103	69	-	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	444	39.5	99.00	96.50	81.00-121.50	-	39	62	77	58	52	27	93	36	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	3,675	39.0	79.50	78.00	71.50- 84.50	4	682	1504	954	342	125	21	10	33	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	2,506	38.5	76.50	76.50	71.00- 81.50	4	535	1211	606	130	16	4	-	-	-	-	-	-	-	-	-	-	-	-	
CLERKS, ORDER -----	3,424	39.5	112.50	110.50	93.50-136.00	-	30	227	369	680	383	461	277	579	160	185	61	10	3	-	-	-	-	-	
MANUFACTURING -----	1,003	40.0	111.50	107.00	94.50-126.00	-	4	31	81	258	178	125	92	104	76	21	31	-	3	-	-	-	-	-	
NONMANUFACTURING -----	2,421	39.5	113.00	112.50	92.50-136.50	-	26	196	288	422	205	337	185	474	84	164	30	10	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,801	39.5	119.00	119.50	97.50-138.00	-	-	64	218	225	125	288	155	455	71	162	28	2	-	-	-	-	-	-	
RETAIL TRADE -----	497	40.0	91.00	92.00	75.50- 99.00	-	26	131	66	169	38	21	26	19	2	-	-	-	-	-	-	-	-	-	
CLERKS, PAYROLL -----	4,516	39.5	119.50	118.00	102.50-135.00	-	17	78	293	538	722	782	615	504	476	314	98	23	54	1	2	-	-	-	
MANUFACTURING -----	2,009	39.5	120.00	118.50	104.00-133.50	-	-	18	122	243	325	378	296	243	209	54	78	11	32	-	1	-	-	-	
NONMANUFACTURING -----	2,506	39.5	119.00	118.00	102.00-137.50	-	17	60	171	295	397	403	319	261	267	260	20	12	22	1	1	-	-	-	
PUBLIC UTILITIES ⁵ -----	516	39.5	139.50	144.00	132.00-152.00	-	-	4	7	27	25	34	19	76	138	162	5	1	18	-	-	-	-	-	
WHOLESALE TRADE -----	423	39.0	124.50	122.50	112.00-142.00	-	-	-	-	40	43	111	92	24	55	56	-	3	-	-	-	-	-	-	
RETAIL TRADE -----	788	40.0	107.00	104.50	95.00-122.50	-	15	35	96	126	214	74	96	89	11	27	3	-	-	-	-	-	-	-	
FINANCE ⁶ -----	356	38.5	114.00	114.50	98.50-128.00	-	-	1	41	58	44	80	62	31	37	3	-	-	-	-	-	-	-	-	
SERVICES -----	423	39.0	116.00	116.50	101.50-130.00	-	2	20	27	44	71	104	50	41	26	12	12	8	4	1	1	-	-	-	
COMPTOMETER OPERATORS -----	3,228	39.5	110.00	109.50	92.50-131.00	-	51	274	338	560	401	442	314	502	264	50	29	-	-	-	-	-	-	-	
MANUFACTURING -----	940	40.0	121.50	130.00	108.50-137.00	-	-	9	42	93	108	155	63	383	65	8	14	-	-	-	-	-	-	-	
NONMANUFACTURING -----	2,288	39.5	105.00	102.00	88.50-121.50	-	51	265	257	467	293	288	251	119	199	42	15	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	495	40.0	105.00	103.00	90.00-119.00	-	-	13	115	78	76	109	69	21	10	4	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	1,358	40.0	101.00	97.50	84.50-117.00	-	48	198	172	357	128	152	150	34	97	23	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-5. Office occupations—West—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the West,¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																		
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over		
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over		
WOMEN - CONTINUED																								
KEYPUNCH OPERATORS, CLASS A -----	8,564	39.5	\$ 121.00	\$ 121.00	\$ 108.50-134.00	-	-	55	202	631	1513	1667	1839	1245	1109	184	120	1	-	-	-	-	-	
MANUFACTURING -----	3,494	40.0	124.50	124.50	113.00-137.50	-	-	8	43	166	496	575	781	669	717	7	31	1	-	-	-	-	-	
NONMANUFACTURING -----	5,070	39.5	118.50	118.00	106.00-129.50	-	-	47	159	466	1018	1091	1057	575	392	177	89	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	768	40.0	131.00	130.50	114.00-149.00	-	-	-	12	48	100	97	122	84	126	108	72	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,314	39.5	118.00	117.00	107.00-128.50	-	-	-	32	94	305	346	249	183	68	37	-	-	-	-	-	-	-	
RETAIL TRADE -----	397	40.0	117.00	118.00	103.00-133.00	-	-	23	8	46	95	33	59	69	49	14	1	-	-	-	-	-	-	
FINANCE ⁶ -----	1,937	39.0	113.50	114.00	102.00-124.50	-	-	24	108	243	469	420	355	185	134	-	-	-	-	-	-	-	-	
SERVICES -----	655	39.5	121.00	121.00	115.00-125.50	-	-	-	-	34	49	195	272	54	15	18	16	-	-	-	-	-	-	
KEYPUNCH OPERATORS, CLASS B -----	9,597	39.5	104.00	102.00	92.00-115.50	-	100	568	1280	2314	2171	1354	656	910	207	34	5	-	-	-	-	-	-	
MANUFACTURING -----	2,637	39.5	108.00	107.00	96.50-118.50	-	11	104	238	486	684	530	205	303	56	16	5	-	-	-	-	-	-	
NONMANUFACTURING -----	6,960	39.5	103.00	100.50	91.00-113.50	-	89	463	1041	1828	1488	824	452	607	152	18	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	1,710	40.0	110.00	106.00	96.00-130.00	-	4	104	98	472	288	161	156	315	109	4	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,429	39.5	106.50	103.50	94.00-118.00	-	-	103	119	318	412	139	103	217	18	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	1,130	40.0	98.50	98.00	84.50-111.50	-	54	111	204	242	223	143	96	57	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	2,080	39.0	95.50	94.50	87.00-103.00	-	31	140	560	676	388	209	76	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	612	40.0	107.00	105.00	96.50-116.50	-	-	6	60	120	177	172	21	18	25	14	-	-	-	-	-	-	-	
OFFICE GIRLS -----	1,749	39.5	84.50	84.00	75.00- 90.00	-	191	412	715	224	106	37	57	7	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	515	39.5	89.50	86.50	81.00- 94.50	-	26	86	235	62	53	2	44	7	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	1,234	39.5	82.50	82.50	73.50- 89.00	-	165	326	482	162	53	35	13	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	617	39.0	79.50	80.50	71.50- 86.50	-	118	183	254	51	12	-	-	-	-	-	-	-	-	-	-	-	-	
SECRETARIES ⁷ -----	52,893	39.5	135.00	134.00	119.50-151.00	-	15	144	642	1686	4288	6701	9415	8696	7392	6847	3741	1882	784	342	163	153		
MANUFACTURING -----	23,643	40.0	139.50	140.00	125.50-154.00	-	-	25	154	328	1142	2377	3777	3917	3716	4550	2148	914	370	99	41	82		
NONMANUFACTURING -----	29,250	39.5	131.00	129.00	116.50-145.00	-	15	119	489	1358	3147	4324	5638	4779	3675	2296	1593	967	413	243	122	71		
PUBLIC UTILITIES ⁵ -----	3,585	39.5	141.00	142.00	123.50-159.00	-	8	30	53	143	274	219	451	480	558	547	273	249	153	83	40	22		
WHOLESALE TRADE -----	4,196	39.5	133.50	132.50	118.00-148.50	-	-	-	81	183	448	513	688	674	654	370	307	148	51	44	28	7		
RETAIL TRADE -----	1,885	39.5	125.00	125.00	109.50-140.50	-	-	14	100	147	218	256	356	316	190	128	79	54	8	18	1	-		
FINANCE ⁶ -----	10,373	39.0	125.50	124.50	112.50-137.00	-	-	51	170	675	1441	1886	2213	1803	1073	410	376	205	55	6	7	4		
SERVICES -----	9,210	39.5	134.00	131.00	119.00-147.00	-	7	24	64	209	766	1451	1930	1506	1200	842	559	311	146	92	46	38		
SECRETARIES, CLASS A -----	2,676	39.5	157.50	161.50	138.00-171.00	-	-	-	18	32	42	111	225	305	271	273	696	262	169	108	63	100		
MANUFACTURING -----	1,186	40.0	164.00	166.50	150.50-174.00	-	-	-	8	2	14	36	56	95	82	88	442	145	82	46	25	64		
NONMANUFACTURING -----	1,490	39.5	152.00	151.50	133.00-168.50	-	-	-	10	30	28	75	168	210	189	185	254	118	87	62	38	36		
WHOLESALE TRADE -----	258	39.5	150.50	150.50	133.00-165.00	-	-	-	-	-	5	15	23	59	25	44	57	3	7	12	4	4		
FINANCE ⁶ -----	560	39.0	153.50	154.50	139.50-167.50	-	-	-	-	2	-	30	55	57	125	58	115	58	48	6	5	2		
SERVICES -----	271	39.5	152.50	151.50	128.00-171.00	-	-	-	4	7	2	4	69	22	17	41	33	24	18	10	12	8		
SECRETARIES, CLASS B -----	9,309	39.5	147.00	147.00	131.00-162.50	-	-	63	128	388	588	989	1539	1339	1648	1063	850	371	206	86	51			
MANUFACTURING -----	3,913	40.0	152.50	155.50	139.00-165.00	-	-	-	8	17	65	95	274	588	506	1084	551	452	192	49	16	16		
NONMANUFACTURING -----	5,396	39.5	142.50	140.50	125.00-160.00	-	-	55	111	323	493	715	951	833	564	511	397	179	137	70	35			
PUBLIC UTILITIES ⁵ -----	657	39.5	156.00	157.00	138.50-175.50	-	-	-	8	12	25	18	46	69	76	111	84	73	54	59	23	-		
WHOLESALE TRADE -----	862	39.5	144.50	143.00	123.50-163.00	-	-	-	4	17	74	84	109	104	155	69	75	79	32	32	24	3		
RETAIL TRADE -----	321	39.5	127.50	127.50	115.50-142.50	-	-	-	5	36	32	37	67	51	44	16	16	15	1	1	-	-		
FINANCE ⁶ -----	2,266	39.0	136.50	135.00	123.00-149.50	-	-	-	10	34	133	283	374	531	351	237	201	105	3	-	2	2		
SERVICES -----	1,290	39.5	149.50	148.00	132.00-170.50	-	-	-	28	12	59	72	119	197	207	131	135	125	89	65	21	30		
SECRETARIES, CLASS C -----	18,696	39.5	137.50	138.50	124.50-153.00	-	-	11	125	488	1080	1661	3345	3003	3070	3387	1633	659	207	15	12	2		
MANUFACTURING -----	8,615	40.0	142.50	146.00	129.50-155.00	-	-	-	35	108	298	532	1238	1219	1420	2366	989	311	96	4	-	2		
NONMANUFACTURING -----	10,081	39.5	133.50	132.50	120.50-147.00	-	-	11	90	379	783	1130	2108	1785	1650	1021	644	348	110	11	12	-		
PUBLIC UTILITIES ⁵ -----	1,392	39.5	143.50	144.00	130.00-159.50	-	-	-	7	44	73	58	167	192	305	208	127	147	59	6	-	-		
WHOLESALE TRADE -----	1,521	39.5	137.00	141.00	124.50-151.00	-	-	-	23	40	143	101	210	207	396	182	155	52	12	-	-	-		
RETAIL TRADE -----	687	40.0	125.50	126.50	115.00-139.50	-	-	10	28	45	58	87	163	132	69	50	20	21	5	-	-	-		
FINANCE ⁶ -----	3,957	39.5	126.50	127.00	117.50-136.00	-	-	-	18	188	358	678	1070	920	525	115	60	22	3	-	-	-		
SERVICES -----	2,524	39.5	139.50	140.00	124.50-156.00	-	-	1	14	62	152	205	498	333	356	465	283	106	31	5	12	-		

See footnotes at end of table.

Table A-5. Office occupations—West—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the West,¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ² (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																				
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210 and over				
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over				
WOMEN - CONTINUED																										
SECRETARIES - CONTINUED																										
SECRETARIES, CLASS D -----	22,046	39.5	\$ 125.00	\$ 124.50	\$ 114.00-137.50	-	15	133	437	1039	2777	4336	4853	3807	2672	1518	312	99	36	12	1	-	-	-	-	
MANUFACTURING -----	9,836	40.0	129.00	129.50	118.50-142.00	-	-	25	104	201	765	1715	2210	1983	1684	1006	143	1	-	-	-	-	-	-	-	
NONMANUFACTURING -----	12,210	39.5	121.50	120.50	109.00-132.50	-	15	108	333	838	2012	2621	2644	1823	988	512	169	98	36	12	1	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	1,360	39.0	127.50	129.00	110.50-147.00	-	8	30	39	88	169	132	237	211	158	217	36	8	28	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,554	39.0	121.00	121.50	109.00-132.50	-	-	-	54	126	224	313	346	305	78	75	20	14	-	-	-	-	-	-	-	
RETAIL TRADE -----	581	39.5	115.50	116.00	103.50-129.50	-	-	4	61	46	115	112	103	59	59	16	6	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	3,590	39.0	112.50	114.00	103.00-122.50	-	-	51	142	451	951	895	714	295	72	-	-	20	-	-	-	-	-	-	-	
SERVICES -----	5,125	39.5	126.50	124.50	116.00-137.00	-	7	23	38	128	553	1169	1245	954	621	204	107	56	8	12	1	-	-	-	-	
STENOGRAPHERS, GENERAL -----	9,868	39.5	109.00	106.00	95.50-123.50	-	50	316	1019	1964	2245	1383	1083	1415	303	85	2	2	2	-	-	-	-	-	-	
MANUFACTURING -----	3,821	40.0	117.00	120.00	103.00-132.50	-	10	58	234	421	639	543	788	1023	78	24	2	-	2	-	-	-	-	-	-	
NONMANUFACTURING -----	6,047	39.5	104.50	102.00	93.00-113.50	-	40	258	786	1543	1606	839	295	392	225	61	-	2	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	1,426	40.0	117.50	116.00	100.00-137.00	-	4	45	99	206	236	173	103	311	201	48	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	759	39.5	108.50	110.00	101.00-118.00	-	-	6	81	74	222	256	77	37	7	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	432	39.5	89.50	85.00	80.00-96.00	-	-	107	130	129	23	25	1	12	1	5	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	2,684	39.5	98.00	98.50	91.50-104.50	-	17	90	430	955	869	276	45	3	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	746	39.0	105.50	103.00	97.50-113.50	-	19	11	46	180	256	109	70	29	16	8	-	2	-	-	-	-	-	-	-	
STENOGRAPHERS, SENIOR -----	11,170	39.5	123.50	123.50	109.50-140.50	-	-	33	236	973	1606	2087	1762	1446	2602	283	109	17	14	3	-	-	-	-	-	
MANUFACTURING -----	5,666	40.0	129.50	135.00	116.50-142.50	-	-	-	22	326	619	796	718	753	2260	157	14	2	-	-	-	-	-	-	-	
NONMANUFACTURING -----	5,505	39.5	117.50	117.50	105.00-129.00	-	-	33	214	648	987	1292	1044	693	342	126	95	15	14	3	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	915	40.0	127.00	128.00	114.00-139.00	-	-	-	6	70	80	204	121	224	115	55	28	2	12	-	-	-	-	-	-	
WHOLESALE TRADE -----	943	39.5	125.00	126.50	116.00-138.50	-	-	12	20	48	78	172	252	145	159	45	1	10	-	-	-	-	-	-	-	
FINANCE ⁶ -----	2,394	39.0	110.00	108.50	98.50-120.00	-	-	20	184	458	625	519	346	163	41	5	34	-	-	-	-	-	-	-	-	
SERVICES -----	1,076	39.5	121.50	120.00	113.00-129.00	-	-	-	-	44	145	350	301	153	23	21	32	3	2	3	-	-	-	-	-	
SWITCHBOARD OPERATORS, CLASS A -----	2,451	39.5	117.00	116.00	103.00-133.00	-	8	32	138	270	457	495	363	259	372	34	24	-	-	-	-	-	-	-	-	
MANUFACTURING -----	1,001	40.0	122.50	121.50	111.00-141.00	-	4	15	24	60	122	254	134	97	269	15	7	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	1,450	39.5	113.50	112.00	100.50-127.50	-	4	17	114	210	335	241	229	162	103	19	17	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	283	39.5	125.50	127.50	114.00-137.00	-	-	-	3	27	25	39	75	72	26	2	15	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	544	39.0	106.00	104.50	97.00-116.00	-	-	4	47	116	187	104	54	32	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	349	39.5	117.00	120.00	101.00-132.00	-	-	6	32	38	71	26	74	35	50	14	2	-	-	-	-	-	-	-	-	
SWITCHBOARD OPERATORS, CLASS B -----	3,958	39.5	93.50	92.50	81.50-103.50	55	139	688	738	1078	598	305	240	83	30	4	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	329	40.0	111.50	111.00	100.50-122.50	-	-	4	19	52	84	72	51	43	4	-	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	3,629	39.5	92.00	91.50	80.50-101.50	55	139	684	719	1026	514	233	190	40	26	4	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	271	39.5	119.00	121.50	108.00-128.00	-	-	-	5	35	32	45	105	26	20	3	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	755	40.0	89.00	88.50	81.00-98.50	-	51	113	246	194	125	14	7	2	2	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	873	39.5	96.00	96.00	88.50-103.50	-	6	25	236	296	234	71	6	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	1,537	39.0	84.50	83.00	73.00-93.00	55	72	546	215	447	84	68	42	4	4	-	-	-	-	-	-	-	-	-	-	
SWITCHBOARD OPERATOR-RECEPTIONISTS -----	5,510	39.5	102.50	100.00	91.50-112.50	-	87	289	759	1585	1217	723	366	270	148	65	-	-	-	-	-	-	-	-	-	
MANUFACTURING -----	2,118	39.5	102.50	99.50	92.50-113.00	-	-	64	271	750	414	302	210	98	9	1	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING -----	3,391	39.5	102.50	100.50	90.50-112.50	-	87	225	488	835	803	422	156	172	139	64	-	-	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	324	40.0	120.00	129.50	96.50-143.00	-	17	14	32	34	20	24	22	69	56	38	-	-	-	-	-	-	-	-	-	
WHOLESALE TRADE -----	1,368	39.5	104.50	102.50	92.00-115.50	-	6	83	181	306	324	234	71	77	67	19	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	566	40.0	95.00	94.00	81.00-107.50	-	51	77	95	119	112	58	24	13	17	-	-	-	-	-	-	-	-	-	-	
FINANCE ⁶ -----	639	38.5	97.00	98.00	88.50-104.00	-	12	41	129	198	176	61	21	-	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	494	39.0	101.50	100.50	94.50-108.00	-	-	9	52	179	171	45	17	13	1	7	-	-	-	-	-	-	-	-	-	
TABULATING-MACHINE OPERATORS, CLASS B -----	662	40.0	121.50	121.50	104.00-136.50	-	-	-	2	121	110	46	196	46	82	50	5	2	2	-	-	-	-	-	-	
NONMANUFACTURING -----	574	40.0	119.50	121.00	102.00-129.00	-	-	-	2	121	96	35	179	33	71	32	4	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table A-5. Office occupations—West—Continued

(Average straight-time weekly hours and earnings for selected occupations by industry division in the West,¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																		
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 50 and under	\$ 60	\$ 70	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210		
						60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	over		
WOMEN - CONTINUED																								
TRANSCRIBING-MACHINE OPERATORS, GENERAL	1,699	38.5	\$ 99.00	\$ 98.50	\$ 90.00-108.00	-	21	115	285	514	419	225	86	30	4	-	1	-	-	-	-	-	-	
MANUFACTURING	270	39.5	98.50	99.50	88.00-109.00	-	10	22	44	62	71	35	25	1	-	-	-	-	-	-	-	-	-	
NONMANUFACTURING	1,429	38.5	99.00	98.50	90.50-107.50	-	11	93	240	452	348	190	61	29	4	-	1	-	-	-	-	-	-	
FINANCE ⁶	942	38.5	97.00	96.50	89.00-104.50	-	-	87	165	348	204	97	22	15	2	-	1	-	-	-	-	-	-	
TYPISTS, CLASS A	7,551	39.5	107.50	105.50	94.50-119.00	-	49	256	823	1658	1824	1183	611	470	637	29	11	1	-	-	-	-	-	
MANUFACTURING	2,966	40.0	116.50	114.00	102.00-136.50	-	-	32	161	429	599	523	299	333	587	4	-	-	-	-	-	-	-	
NONMANUFACTURING	4,585	39.0	102.00	101.00	91.50-110.50	-	49	223	663	1230	1225	660	312	137	50	25	11	1	-	-	-	-	-	
PUBLIC UTILITIES ⁵	454	40.0	104.00	99.50	92.50-111.00	-	-	34	47	150	102	43	19	36	3	9	11	-	-	-	-	-	-	
WHOLESALE TRADE	638	38.0	103.50	104.50	95.00-110.50	-	-	12	68	185	205	113	45	7	1	2	-	-	-	-	-	-	-	
FINANCE ⁶	2,463	39.0	97.50	96.50	89.00-105.50	-	30	133	521	773	641	257	89	18	-	-	-	-	-	-	-	-	-	
SERVICES	842	39.5	112.00	112.00	102.50-123.50	-	19	38	7	82	242	209	117	74	39	14	-	1	-	-	-	-	-	
TYPISTS, CLASS B	13,487	39.0	93.50	91.50	84.00-100.50	4	287	1558	4081	4045	1976	542	428	525	35	7	-	-	-	-	-	-	-	
MANUFACTURING	4,086	40.0	101.50	99.00	91.00-110.00	-	28	258	570	1316	904	300	295	414	-	1	-	-	-	-	-	-	-	
NONMANUFACTURING	9,401	39.0	90.00	89.00	82.50- 96.00	4	259	1300	3511	2729	1071	242	133	111	35	6	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵	796	39.5	100.00	94.00	89.50-105.50	-	1	9	210	298	113	50	58	40	15	3	-	-	-	-	-	-	-	
WHOLESALE TRADE	872	39.5	92.50	92.00	84.50-100.00	-	-	135	206	315	145	47	7	13	4	-	-	-	-	-	-	-	-	
RETAIL TRADE	576	40.0	93.50	93.00	82.00-102.00	-	29	75	124	185	75	21	33	35	-	-	-	-	-	-	-	-	-	
FINANCE ⁶	5,884	38.5	87.50	87.50	82.00- 93.50	4	186	839	2699	1551	493	76	29	6	-	3	-	-	-	-	-	-	-	
SERVICES	1,274	39.0	91.50	92.00	81.00-100.50	-	43	244	273	383	245	47	6	17	16	-	-	-	-	-	-	-	-	

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ 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.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.⁶ Finance, insurance, and real estate.⁷ May include workers other than those presented separately.

Table A-6. Professional and technical occupations—United States

(Average straight-time weekly hours and earnings for selected occupations by industry division in all metropolitan areas, February 1970¹)

Sex, occupation, and industry division	Number of workers	Average weekly hours ² (standard)	Weekly earnings ² (standard)			Number of workers receiving straight-time weekly earnings of—																		
			Mean ³	Median ³	Middle range ³	\$ 80 and under	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230			
						90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	over			
MEN																								
DRAFTSMEN, CLASS A -----	33,836	40.0	\$ 193.00	\$ 190.00	\$ 171.50-208.50	-	-	-	3	21	112	426	1178	2070	3920	4332	4830	4739	4129	2345	1536	4196		
MANUFACTURING -----	24,903	40.0	191.00	187.50	169.50-205.00	-	-	-	2	21	92	324	962	1737	3193	3485	3641	3314	2889	1450	913	2880		
NONMANUFACTURING -----	8,933	39.5	197.50	197.50	180.00-214.50	-	-	-	1	-	20	102	216	333	727	848	1189	1425	1240	896	624	1315		
PUBLIC UTILITIES ⁴ -----	1,032	39.5	196.00	193.50	181.00-210.00	-	-	-	-	1	8	23	21	75	111	193	219	123	78	51	131			
WHOLESALE TRADE -----	419	39.5	180.50	175.00	167.00-198.00	-	-	-	-	4	32	32	94	68	41	61	14	37	16	17				
SERVICES -----	7,275	39.5	199.00	199.00	181.00-217.00	-	-	-	-	15	87	151	249	540	649	931	1126	1053	772	549	1154			
DRAFTSMEN, CLASS B -----	37,664	40.0	158.50	158.00	142.00-173.50	-	50	87	444	1099	2666	3936	6042	5596	6163	4489	3288	1524	1050	616	350	263		
MANUFACTURING -----	28,245	40.0	157.00	156.00	141.00-172.00	-	3	32	325	873	2109	3190	4808	4489	4570	3273	2127	949	739	288	250	219		
NONMANUFACTURING -----	9,419	39.5	162.00	163.00	144.00-181.00	-	47	55	120	226	557	746	1233	1107	1592	1216	1161	576	310	328	100	43		
PUBLIC UTILITIES ⁴ -----	1,958	39.5	163.50	164.50	145.50-180.00	-	3	5	19	61	136	158	181	258	317	339	189	143	65	48	33	4		
WHOLESALE TRADE -----	578	39.5	152.50	151.00	134.00-168.50	-	-	-	23	22	71	73	91	81	85	46	42	23	15	1	2	3		
RETAIL TRADE -----	332	38.5	155.50	154.50	137.50-181.00	-	-	23	5	16	8	36	55	39	41	24	39	23	6	9	5	3		
SERVICES -----	6,467	39.5	163.00	163.50	144.50-181.50	-	44	26	72	122	333	468	890	730	1133	808	870	386	223	270	60	33		
DRAFTSMEN, CLASS C -----	23,673	40.0	127.50	127.00	113.50-142.00	80	449	1383	2941	3548	4781	3888	2966	2015	738	441	284	62	84	8	6	-		
MANUFACTURING -----	17,668	40.0	127.50	126.50	113.50-141.50	64	328	926	2203	2789	3627	2962	2097	1442	569	317	199	54	84	2	6	-		
NONMANUFACTURING -----	6,005	39.5	127.50	127.50	112.50-144.50	17	121	457	738	759	1154	925	869	574	169	125	84	8	-	6	-	-		
PUBLIC UTILITIES ⁴ -----	1,637	39.5	130.00	130.50	113.00-147.00	8	45	131	182	194	246	268	263	153	77	51	21	-	-	-	-	-		
WHOLESALE TRADE -----	397	39.5	125.50	124.00	110.50-137.50	-	8	14	73	42	117	56	39	28	6	3	1	-	3	-	-	-		
SERVICES -----	3,832	39.5	127.00	127.50	112.50-143.50	8	64	299	456	497	768	578	561	385	81	65	59	7	-	3	-	-		
DRAFTSMEN-TRACERS -----	4,830	39.5	106.50	104.00	93.00-120.50	299	602	1008	1052	618	532	374	203	102	26	8	5	-	-	-	1	1		
MANUFACTURING -----	3,284	40.0	108.00	105.00	94.50-120.50	170	350	696	720	499	317	280	140	71	26	8	5	-	-	-	1	1		
NONMANUFACTURING -----	1,546	39.5	103.50	101.50	90.00-120.50	128	252	312	332	120	215	94	63	31	-	-	-	-	-	-	-	-		
PUBLIC UTILITIES ⁴ -----	314	39.5	113.50	111.00	97.00-130.00	-	42	58	54	32	50	41	33	5	-	-	-	-	-	-	-	-		
SERVICES -----	1,103	39.5	102.00	101.50	89.00-117.00	80	208	211	260	85	150	53	30	26	-	-	-	-	-	-	-	-		
WOMEN																								
DRAFTSMEN, CLASS A -----	497	40.0	175.50	178.00	167.00-189.00	-	-	1	-	8	3	16	28	32	66	118	110	71	32	5	5	2		
MANUFACTURING -----	343	40.0	177.00	178.00	168.00-188.50	-	-	1	-	-	3	6	11	24	57	93	72	53	17	2	1	2		
DRAFTSMEN, CLASS B -----	1,367	39.5	148.00	148.00	133.00-164.00	-	3	19	27	68	174	228	210	223	178	99	63	53	19	5	1	-		
MANUFACTURING -----	785	40.0	147.50	146.00	133.50-160.00	-	3	7	8	51	94	152	141	133	68	39	28	43	16	3	1	-		
NONMANUFACTURING -----	582	39.5	149.00	153.00	132.50-167.00	-	-	12	19	18	80	76	70	90	110	61	35	10	3	2	-	-		
SERVICES -----	388	39.5	154.00	159.50	144.50-168.50	-	-	2	15	9	11	40	43	81	105	51	28	-	3	-	-	-		
DRAFTSMEN, CLASS C -----	1,571	39.5	118.00	117.50	104.00-131.00	18	100	167	235	409	231	194	125	38	16	24	4	10	-	-	-	-		
MANUFACTURING -----	768	39.5	120.00	119.00	107.50-132.50	2	32	47	146	190	135	116	57	18	8	15	1	2	-	-	-	-		
NONMANUFACTURING -----	803	39.5	115.50	116.00	99.50-128.50	16	68	122	90	219	96	78	68	20	8	9	3	8	-	-	-	-		
SERVICES -----	364	39.5	121.00	123.00	101.50-135.50	-	23	62	30	44	64	62	46	13	2	9	-	8	-	-	-	-		
DRAFTSMEN-TRACERS -----	1,509	39.0	95.00	92.00	83.00-107.50	238	452	229	316	193	34	20	6	18	2	-	-	-	-	-	-	-		
MANUFACTURING -----	313	40.0	107.00	103.50	93.00-119.00	13	40	79	70	38	29	20	4	18	2	-	-	-	-	-	-	-		
NONMANUFACTURING -----	1,196	38.5	92.00	89.00	82.00-106.50	225	413	150	246	155	5	-	2	-	-	-	-	-	-	-	-	-		
NURSES, INDUSTRIAL (REGISTERED) -----	10,045	39.5	147.00	147.50	134.00-161.00	6	12	91	217	541	1009	1776	1911	1840	1335	754	344	165	34	7	1	2		
MANUFACTURING -----	8,323	39.5	146.50	147.00	133.50-160.50	5	10	77	180	467	866	1514	1578	1503	1054	626	294	123	24	2	1	2		
NONMANUFACTURING -----	1,722	38.5	149.00	150.00	137.00-163.50	1	2	14	38	75	143	263	332	339	280	128	51	42	10	5	-	-		
PUBLIC UTILITIES ⁴ -----	504	39.0	157.50	156.00	146.50-168.00	-	-	-	-	4	20	55	75	139	111	57	15	20	6	3	-	-		
RETAIL TRADE -----	421	39.0	135.00	137.50	122.00-149.50	1	2	13	33	47	53	98	71	56	34	7	2	1	2	2	-	-		
FINANCE ⁵ -----	461	37.5	147.00	145.50	136.00-159.00	-	-	1	5	18	62	75	109	81	56	27	16	10	-	-	-	-		

¹ Average month of reference. Data were collected during the period July 1969 through June 1970.² 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.³ For definition of terms, see footnote 3, table A-1.⁴ Transportation, communication, and other public utilities.⁵ Finance, insurance, and real estate.

Table A-7. Professional and technical occupations—Northeast

(Average straight-time weekly hours and earnings for selected occupations by industry division in the Northeast, ¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																		
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 80 and under	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230 and over			
						90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	over			
MEN																								
DRAFTSMEN, CLASS A -----	9,290	39.5	\$ 191.00	\$ 189.50	\$ 170.50-207.00	-	-	-	1	1	26	81	311	547	1278	1167	1321	1353	1210	677	376	941		
MANUFACTURING -----	6,946	39.5	188.00	186.50	169.00-203.00	-	-	-	-	1	25	57	249	455	1079	950	1060	1002	933	449	243	445		
NONMANUFACTURING -----	2,344	39.0	200.00	199.00	179.50-222.00	-	-	-	1	-	1	24	62	94	199	217	262	352	277	229	132	495		
SERVICES -----	1,912	39.0	200.50	199.50	177.50-223.50	-	-	-	-	-	-	22	55	77	174	176	210	250	239	166	109	434		
DRAFTSMEN, CLASS B -----	10,930	39.5	159.50	158.50	142.50-176.00	-	42	38	137	286	718	1065	1751	1620	1702	1209	1002	484	431	240	95	111		
MANUFACTURING -----	8,099	40.0	158.00	156.50	142.00-173.00	-	-	-	107	229	527	858	1385	1344	1288	945	645	323	277	47	39	88		
NONMANUFACTURING -----	2,831	39.0	164.00	164.00	143.00-184.00	-	42	38	30	57	192	208	367	276	414	264	357	161	154	193	56	23		
PUBLIC UTILITIES ⁵ -----	417	38.5	168.50	171.00	152.00-182.50	-	-	1	3	8	30	24	28	37	67	99	44	29	20	13	16	-		
SERVICES -----	2,149	39.0	165.00	164.00	143.00-185.50	-	42	14	18	39	131	159	313	209	303	139	300	122	126	177	37	20		
DRAFTSMEN, CLASS C -----	6,381	39.5	128.00	127.50	114.00-141.50	7	85	361	751	921	1332	1238	751	493	165	162	111	3	-	-	-	-		
MANUFACTURING -----	4,706	40.0	127.00	126.50	114.00-139.00	-	62	271	561	732	1034	966	445	326	115	115	75	3	-	-	-	-		
NONMANUFACTURING -----	1,676	38.5	130.50	131.00	115.00-147.00	7	24	91	190	190	297	272	305	167	50	47	37	-	-	-	-	-		
PUBLIC UTILITIES ⁵ -----	438	38.0	139.50	145.50	126.00-149.50	-	3	11	25	50	41	66	143	48	22	19	9	-	-	-	-	-		
SERVICES -----	1,111	39.0	127.50	128.00	112.00-144.50	6	19	61	162	113	219	176	157	118	26	27	28	-	-	-	-	-		
DRAFTSMEN-TRACERS -----	1,349	39.5	104.50	101.50	91.50-114.50	27	240	352	282	165	108	98	48	29	1	-	-	-	-	-	-	-		
MANUFACTURING -----	973	39.5	102.00	100.50	91.00-111.50	19	192	264	224	136	59	40	39	1	1	-	-	-	-	-	-	-		
NONMANUFACTURING -----	376	38.5	111.00	107.50	92.50-130.00	8	49	88	58	29	49	58	5	28	-	-	-	-	-	-	-	-		
WOMEN																								
DRAFTSMEN, CLASS B -----	453	39.5	147.50	147.50	135.50-164.50	-	-	6	-	33	39	112	52	66	83	36	19	8	-	-	-	-		
MANUFACTURING -----	251	40.0	140.50	138.00	130.00-150.00	-	-	5	-	28	29	91	36	20	15	12	7	8	-	-	-	-		
DRAFTSMEN, CLASS C -----	438	39.0	117.00	118.50	103.50-130.00	-	37	55	44	112	81	66	26	9	-	1	-	8	-	-	-	-		
MANUFACTURING -----	257	39.5	114.50	116.50	104.00-123.00	-	22	22	39	94	38	34	7	1	-	1	-	-	-	-	-	-		
NURSES, INDUSTRIAL (REGISTERED) -----	3,166	39.0	143.00	143.00	130.50-155.50	3	1	30	99	239	405	623	663	496	349	146	74	28	6	1	1	1		
MANUFACTURING -----	2,514	39.5	140.50	140.00	128.50-152.00	3	-	24	79	217	376	554	551	328	212	99	52	14	3	1	1	1		
NONMANUFACTURING -----	652	37.5	151.50	153.50	141.50-165.50	-	1	6	20	21	29	69	112	169	137	47	22	14	3	-	-	-		

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ 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.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.

Table A-8. Professional and technical occupations—South

(Average straight-time weekly hours and earnings for selected occupations by industry division in the South,¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																							
			Mean ⁴	Median ⁴	Middle range ⁴	Under \$ 80	\$ 80 and under	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230							
						90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	over								
MEN																													
DRAFTSMEN, CLASS A -----	5,942	40.0	\$ 186.00	\$ 185.00	\$ 167.50-203.00	-	-	-	2	13	42	183	287	443	666	773	940	768	798	403	303	323	-	-	-	-	-	-	-
MANUFACTURING -----	4,197	40.0	184.00	184.00	166.00-201.50	-	-	-	2	13	39	135	221	319	514	557	710	545	494	259	224	167	-	-	-	-	-	-	-
NONMANUFACTURING -----	1,745	40.0	190.00	191.50	172.00-206.00	-	-	-	-	-	3	48	65	124	152	215	230	224	305	144	79	156	-	-	-	-	-	-	-
SERVICES -----	1,348	40.0	192.00	194.00	174.00-209.50	-	-	-	-	-	1	43	33	91	119	147	179	162	239	125	68	141	-	-	-	-	-	-	-
DRAFTSMEN, CLASS B -----	8,302	40.0	152.50	152.00	136.50-169.00	-	8	43	190	420	747	1075	1443	1008	1406	872	633	207	95	89	44	22	-	-	-	-	-	-	-
MANUFACTURING -----	5,721	40.0	151.00	149.50	135.50-166.00	-	3	29	117	331	554	781	1128	743	925	513	343	107	54	47	28	18	-	-	-	-	-	-	-
NONMANUFACTURING -----	2,580	40.0	156.50	160.50	139.50-174.00	-	5	14	72	88	194	294	316	265	482	359	290	100	40	42	16	3	-	-	-	-	-	-	-
SERVICES -----	1,697	40.0	158.00	162.50	142.50-174.50	-	2	10	41	43	101	162	206	174	349	285	223	64	19	15	-	3	-	-	-	-	-	-	-
DRAFTSMEN, CLASS C -----	5,774	40.0	122.00	121.50	106.00-138.00	58	252	513	965	951	1050	662	591	572	74	30	29	16	8	3	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	4,065	40.0	122.50	121.50	107.00-139.50	49	189	324	661	690	696	472	416	447	57	21	26	9	8	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	1,709	40.0	120.50	121.00	104.50-134.00	9	64	189	305	261	354	192	175	124	17	9	3	7	-	3	-	-	-	-	-	-	-	-	-
SERVICES -----	1,037	40.0	121.00	121.50	105.50-135.00	1	26	105	183	178	224	94	121	88	7	-	-	7	-	3	-	-	-	-	-	-	-	-	-
DRAFTSMEN-TRACERS -----	1,334	40.0	97.50	98.50	85.00-108.50	216	203	289	339	141	80	40	25	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	745	40.0	99.50	101.50	89.00-109.00	115	78	138	253	89	43	28	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	589	40.0	95.50	94.00	83.00-104.50	101	125	151	86	52	38	12	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WOMEN																													
DRAFTSMEN, CLASS B -----	305	40.0	143.00	145.00	128.50-156.50	-	3	11	22	12	41	33	67	47	32	9	12	16	-	2	-	-	-	-	-	-	-	-	-
DRAFTSMEN, CLASS C -----	333	40.0	107.00	106.50	95.00-118.50	16	35	73	53	83	43	14	9	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DRAFTSMEN-TRACERS -----	718	38.0	91.00	88.00	78.00-107.00	217	194	53	181	70	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NURSES, INDUSTRIAL (REGISTERED) -----	1,710	39.5	140.50	139.50	128.00-154.00	3	10	52	59	127	247	369	326	217	153	91	33	24	2	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	1,329	40.0	141.50	141.00	128.50-156.00	2	10	48	46	87	168	286	242	170	135	80	30	23	2	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	382	39.0	137.00	137.00	125.50-148.00	1	-	4	13	40	79	82	83	48	18	11	3	1	-	-	-	-	-	-	-	-	-	-	-

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ 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.⁴ For definition of terms, see footnote 3, table A-1.

Table A-9. Professional and technical occupations—North Central

(Average straight-time weekly hours and earnings for selected occupations by industry division in the North Central region,¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of—																						
			Mean ⁴	Median ⁴	Middle range ⁴	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$					
						Under \$ 80	80 and under	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	and over					
MEN																												
DRAFTSMEN, CLASS A -----	13,088	40.0	\$ 198.50	\$ 192.50	\$ 171.50-222.00	-	-	-	-	3	35	137	482	893	1478	1544	1641	1329	1345	789	637	2778	-	-	-	-	-	-
MANUFACTURING -----	10,249	40.0	198.00	190.50	170.00-221.00	-	-	-	-	3	19	107	414	811	1227	1239	1271	975	1027	552	407	2198	-	-	-	-	-	-
NONMANUFACTURING -----	2,840	39.5	200.50	199.00	178.50-223.00	-	-	-	-	-	16	29	68	82	251	305	371	355	317	237	231	579	-	-	-	-	-	-
SERVICES -----	2,441	39.5	201.50	200.00	179.50-224.00	-	-	-	-	-	14	21	60	68	201	252	298	298	286	208	207	526	-	-	-	-	-	-
DRAFTSMEN, CLASS B -----	13,325	40.0	160.50	158.50	143.00-175.00	-	-	5	111	303	890	1417	2118	2088	1936	1702	1181	603	361	273	210	129	-	-	-	-	-	-
MANUFACTURING -----	10,883	40.0	159.00	157.00	142.00-173.50	-	-	2	96	230	802	1269	1814	1753	1566	1380	856	374	267	182	103	112	-	-	-	-	-	-
NONMANUFACTURING -----	2,441	40.0	166.50	165.00	149.00-185.50	-	-	3	15	72	88	149	304	335	370	321	325	229	95	91	27	17	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	507	40.0	170.00	171.50	155.50-186.00	-	-	1	-	10	14	26	33	85	70	99	74	61	19	10	1	4	-	-	-	-	-	-
SERVICES -----	1,691	40.0	166.50	164.50	147.50-186.00	-	-	2	12	34	62	107	249	210	251	205	222	161	66	77	22	10	-	-	-	-	-	-
DRAFTSMEN, CLASS C -----	8,812	40.0	130.50	128.50	116.50-144.00	16	107	413	985	1208	1915	1419	1091	790	406	199	136	43	75	5	6	-	-	-	-	-	-	-
MANUFACTURING -----	7,091	40.0	130.50	128.00	116.50-143.00	15	79	280	838	1013	1560	1154	887	582	320	140	99	42	75	2	6	-	-	-	-	-	-	-
NONMANUFACTURING -----	1,721	40.0	131.00	130.00	116.00-148.50	1	28	132	147	195	354	266	203	207	86	59	37	1	-	3	-	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	388	40.0	132.50	132.50	112.00-152.00	-	1	34	57	36	51	74	26	44	41	19	5	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	1,143	40.0	130.50	131.00	116.50-149.00	1	19	99	73	138	223	172	151	157	41	38	31	-	-	-	-	-	-	-	-	-	-	-
DRAFTSMEN-TRACERS -----	1,859	40.0	113.00	111.00	99.00-127.00	47	119	333	406	248	295	204	114	54	25	8	5	-	-	-	1	1	-	-	-	-	-	-
MANUFACTURING -----	1,349	40.0	114.50	112.50	98.50-130.50	38	77	273	231	210	167	180	84	51	25	8	5	-	-	-	1	1	-	-	-	-	-	-
NONMANUFACTURING -----	510	40.0	109.00	105.00	100.50-123.00	8	43	60	175	38	129	24	30	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WOMEN																												
DRAFTSMEN, CLASS B -----	277	40.0	149.00	146.50	131.50-162.50	-	-	2	-	11	50	41	62	34	30	19	3	19	4	3	1	-	-	-	-	-	-	-
DRAFTSMEN, CLASS C -----	571	40.0	118.50	117.00	107.00-128.50	2	27	37	108	195	66	49	60	16	3	6	1	2	-	-	-	-	-	-	-	-	-	-
MANUFACTURING -----	266	40.0	119.00	117.00	106.00-130.00	-	4	19	76	57	42	34	22	9	-	-	1	2	-	-	-	-	-	-	-	-	-	-
NONMANUFACTURING -----	305	40.0	118.50	117.00	110.00-123.50	2	23	18	32	137	24	15	38	7	3	6	-	-	-	-	-	-	-	-	-	-	-	-
DRAFTSMEN-TRACERS -----	444	40.0	98.00	94.00	85.00-110.00	10	165	82	75	73	19	14	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
NURSES, INDUSTRIAL (REGISTERED) -----	3,957	40.0	149.50	150.00	137.00-161.50	-	1	8	59	170	336	672	733	874	555	271	161	93	17	6	-	1	-	-	-	-	-	-
MANUFACTURING -----	3,544	40.0	149.50	150.00	136.50-161.50	-	-	4	55	159	308	602	645	796	502	231	150	78	12	1	-	1	-	-	-	-	-	-
NONMANUFACTURING -----	413	39.5	151.50	150.00	138.50-165.50	-	1	4	4	11	27	71	88	78	53	40	11	15	5	5	-	-	-	-	-	-	-	-

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ 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.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.

Table A-10. Professional and technical occupations—West

(Average straight-time weekly hours and earnings for selected occupations by industry division in the West,¹ February 1970²)

Sex, occupation, and industry division	Number of workers	Average weekly hours ³ (standard)	Weekly earnings ³ (standard)			Number of workers receiving straight-time weekly earnings of--																						
			Mean ⁴	Median ⁴	Middle range ⁴	\$ 70 and under	\$ 80	\$ 90	\$ 100	\$ 110	\$ 120	\$ 130	\$ 140	\$ 150	\$ 160	\$ 170	\$ 180	\$ 190	\$ 200	\$ 210	\$ 220	\$ 230 and over						
						80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	over						
MEN																												
DRAFTSMEN, CLASS A -----	5,516	40.0	\$ 189.50	\$ 191.00	\$ 177.00-202.50	-	-	-	-	4	9	26	100	188	498	850	929	1288	776	476	220	154						
MANUFACTURING -----	3,511	40.0	185.50	186.50	173.50-198.00	-	-	-	-	4	9	26	79	155	374	739	601	793	435	190	38	70						
NONMANUFACTURING -----	2,005	40.0	196.50	197.50	185.00-211.00	-	-	-	-	-	-	-	21	33	124	110	328	495	341	286	182	84						
SERVICES -----	1,575	40.0	199.00	199.50	190.00-212.00	-	-	-	-	-	-	-	4	13	46	74	244	416	289	272	165	52						
DRAFTSMEN, CLASS B -----																												
MANUFACTURING -----	3,541	40.0	159.00	160.50	146.50-172.00	-	-	1	7	91	312	378	729	882	1120	706	474	231	162	15	1	1						
NONMANUFACTURING -----	1,567	40.0	161.50	162.50	148.00-176.00	-	-	-	1	9	85	96	247	231	327	271	189	86	21	2	1	-						
PUBLIC UTILITIES ⁵ -----	392	40.0	166.00	165.50	152.50-179.00	-	-	-	3	11	13	48	77	74	80	45	32	10	-	-	-	-						
SERVICES -----	931	40.0	162.00	163.50	151.50-176.00	-	-	-	1	6	39	41	122	136	230	179	124	39	11	1	1	-						
DRAFTSMEN, CLASS C -----																												
MANUFACTURING -----	1,806	40.0	130.00	130.50	118.00-142.50	-	5	95	240	468	485	567	533	162	93	50	7	-	-	-	-	-						
NONMANUFACTURING -----	899	40.0	130.00	132.50	117.00-143.50	-	5	44	96	114	150	197	185	76	16	9	7	-	-	-	-	-						
DRAFTSMEN-TRACERS -----	288	40.0	113.50	115.50	96.00-129.00	10	39	35	24	64	49	32	16	18	-	-	-	-	-	-	-	-						
WOMEN																												
DRAFTSMEN, CLASS B -----																												
NURSES, INDUSTRIAL (REGISTERED) -----	1,212	40.0	159.50	161.00	149.00-171.50	-	-	-	1	6	22	112	186	253	278	247	76	20	9	-	-	-						
MANUFACTURING -----	936	40.0	160.50	161.00	150.00-172.00	-	-	-	-	4	14	72	140	209	205	216	62	8	7	-	-	-						
NONMANUFACTURING -----	276	40.0	157.00	157.50	145.00-169.00	-	-	-	1	2	8	40	49	44	73	30	14	12	2	-	-	-						

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ 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.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.

Table A-11. Maintenance and powerplant occupations—United States

(Average straight-time hourly earnings for men in selected occupations by industry division in all metropolitan areas, February 1970¹)

Occupation and industry division	Number of workers	Hourly earnings ²			Number of workers receiving straight-time hourly earnings of—																			
		Mean ³	Median ³	Middle range ³	Under \$ 2.20	2.20 and under	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	5.60 and over
CARPENTERS, MAINTENANCE -----	18,446	\$ 4.07	\$ 4.08	\$ 3.57- 4.45	38	94	156	332	444	458	1454	1881	1490	2148	2308	2014	2685	872	843	202	188	118	722	
MANUFACTURING -----	13,169	4.02	4.10	3.70- 4.43	17	62	83	240	321	275	771	977	1173	1860	1986	1611	2304	670	656	21	20	39	80	
NONMANUFACTURING -----	5,277	4.17	3.94	3.42- 4.73	21	32	74	92	124	184	683	905	317	288	321	403	381	202	187	181	168	79	642	
PUBLIC UTILITIES ⁴ -----	1,855	3.74	3.50	3.37- 4.11	-	-	-	4	14	27	524	608	112	72	64	137	117	92	22	32	18	12	-	
RETAIL TRADE -----	1,370	4.68	4.72	3.82- 5.44	6	2	17	24	33	46	52	74	79	87	60	75	84	80	87	99	122	23	323	
FINANCE ⁵ -----	983	4.44	4.27	3.45- 5.49	-	8	23	29	35	57	44	141	13	42	80	77	108	24	5	15	7	36	240	
SERVICES -----	923	4.00	3.98	3.38- 4.41	16	22	33	35	29	53	53	55	97	78	113	104	54	3	58	24	19	3	74	
ELECTRICIANS, MAINTENANCE -----	60,954	4.30	4.30	3.91- 4.74	4	47	146	352	689	974	2250	3596	4500	5521	8475	8006	7817	5448	5669	5342	563	494	1062	
MANUFACTURING -----	53,800	4.27	4.27	3.91- 4.70	2	42	98	305	647	865	2003	3027	4058	5230	7875	7165	7129	4659	5128	4336	257	302	676	
NONMANUFACTURING -----	7,153	4.49	4.50	3.99- 5.01	2	5	48	46	42	109	248	570	443	293	601	842	688	790	541	1006	306	193	386	
PUBLIC UTILITIES ⁴ -----	4,268	4.54	4.62	4.20- 5.03	-	-	-	3	5	18	56	314	315	107	253	564	459	624	296	851	236	129	40	
WHOLESALE TRADE -----	405	3.95	4.03	3.44- 4.39	-	-	-	8	16	61	52	21	22	70	56	50	19	8	22	-	-	-	1	
RETAIL TRADE -----	698	4.60	4.72	3.93- 5.14	-	1	7	6	8	20	15	40	38	63	55	29	41	103	41	82	32	45	73	
FINANCE ⁵ -----	800	4.55	4.14	3.45- 5.23	-	-	34	19	3	33	73	116	14	33	102	25	88	21	33	4	15	15	174	
SERVICES -----	983	4.38	4.29	3.86- 4.87	2	4	7	18	18	22	44	48	54	69	120	168	50	24	163	47	23	4	98	
ENGINEERS, STATIONARY -----	21,673	4.14	4.14	3.67- 4.64	101	162	191	376	388	892	873	1635	2354	2070	2571	2243	2024	2077	1224	884	241	904	465	
MANUFACTURING -----	13,622	4.19	4.16	3.74- 4.65	19	36	24	65	162	356	505	1068	1678	1546	1812	1297	1238	1569	917	683	123	255	270	
NONMANUFACTURING -----	8,052	4.07	4.09	3.50- 4.59	81	124	167	311	226	536	368	567	677	524	759	946	786	508	307	201	118	649	195	
PUBLIC UTILITIES ⁴ -----	1,433	4.03	4.14	3.57- 4.47	-	13	21	17	26	65	89	156	157	76	131	279	105	187	44	49	1	18	-	
WHOLESALE TRADE -----	330	4.15	4.10	3.94- 4.44	-	-	-	10	-	2	16	16	15	67	55	54	37	30	2	13	14	-	-	
RETAIL TRADE -----	1,543	4.19	4.21	3.65- 4.80	8	29	17	22	45	69	82	76	148	140	131	176	133	87	92	80	61	115	36	
FINANCE ⁵ -----	2,303	4.14	4.08	3.32- 4.70	-	77	63	112	65	231	70	155	179	96	205	174	213	107	23	16	6	351	159	
SERVICES -----	2,442	3.93	4.05	3.32- 4.50	75	5	66	150	88	170	112	165	178	146	239	264	298	97	146	43	36	165	-	
FIREMEN, STATIONARY BOILER -----	13,012	3.47	3.48	3.01- 3.98	848	310	485	677	870	1360	1428	1575	1381	888	910	632	489	315	697	41	18	74	13	
MANUFACTURING -----	11,114	3.49	3.50	3.03- 4.00	666	243	391	557	742	1068	1296	1406	1157	797	829	546	480	296	550	11	10	62	8	
NONMANUFACTURING -----	1,898	3.36	3.31	2.81- 3.84	182	68	95	121	128	292	132	169	223	92	81	86	9	19	147	30	8	12	5	
PUBLIC UTILITIES ⁴ -----	498	3.79	3.67	3.35- 4.22	2	8	1	-	3	72	51	45	115	54	19	74	4	-	29	21	-	-	-	
RETAIL TRADE -----	250	3.67	3.68	3.00- 4.81	29	5	10	8	11	30	8	15	29	13	16	3	1	5	45	8	-	10	5	
SERVICES -----	611	3.00	2.97	2.23- 3.59	143	43	37	43	47	45	23	79	67	6	21	8	3	-	44	-	-	1	-	
HELPERS, MAINTENANCE TRADES -----	28,218	3.21	3.25	3.00- 3.53	992	766	1526	1606	2150	5899	4916	4847	3317	1407	625	81	40	-	-	16	-	30	-	
MANUFACTURING -----	22,565	3.22	3.27	3.01- 3.52	655	563	1095	1172	1705	4988	4036	4101	2840	1030	291	24	22	-	-	14	-	30	-	
NONMANUFACTURING -----	5,654	3.17	3.21	2.80- 3.55	338	203	431	435	445	913	880	745	478	377	334	57	18	-	-	2	-	-	-	
PUBLIC UTILITIES ⁴ -----	4,140	3.27	3.27	2.99- 3.62	73	127	265	290	291	739	679	600	398	318	295	45	18	-	-	-	-	-	-	
WHOLESALE TRADE -----	471	2.92	2.95	2.51- 3.51	90	18	58	37	47	43	51	34	59	35	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	317	2.71	2.67	2.22- 3.18	77	32	37	34	27	35	36	13	8	4	8	4	-	-	2	-	-	-	-	
FINANCE ⁵ -----	273	2.86	2.80	2.54- 3.23	37	4	49	47	35	32	18	29	12	2	5	-	-	-	-	-	-	-	-	
SERVICES -----	453	3.02	3.15	2.63- 3.40	64	22	22	27	46	64	96	69	1	18	18	8	-	-	-	-	-	-	-	
MACHINE-TOOL OPERATORS, TOOLROOM -----	27,641	4.32	4.37	3.90- 4.81	16	-	54	141	227	609	1007	1486	2103	2458	2634	3914	2752	3082	4173	2350	381	174	81	
MANUFACTURING -----	27,474	4.32	4.37	3.90- 4.81	16	-	54	141	217	606	1004	1476	2085	2405	2607	3888	2735	3082	4173	2350	381	174	81	
MACHINISTS, MAINTENANCE -----	46,215	4.24	4.25	3.88- 4.61	8	21	94	227	346	903	1730	2785	3711	4348	7369	6151	6733	4524	2277	3204	849	668	268	
MANUFACTURING -----	43,596	4.24	4.25	3.90- 4.60	8	14	88	227	332	858	1703	2282	3367	4273	7215	5852	6549	4249	2072	2813	772	651	268	
NONMANUFACTURING -----	2,619	4.26	4.29	3.63- 4.82	-	8	6	-	14	46	27	501	345	75	150	298	184	275	204	391	77	17	-	
PUBLIC UTILITIES ⁴ -----	2,173	4.29	4.35	3.61- 4.88	-	-	2	-	14	45	1	455	314	42	84	178	153	255	151	385	76	16	-	
MECHANICS, AUTOMOTIVE (MAINTENANCE) -----	56,198	4.01	4.10	3.70- 4.37	120	489	617	1281	1410	2140	3220	3322	3870	5972	11977	8655	4932	3627	2817	897	214	510	132	
MANUFACTURING -----	15,513	3.95	4.03	3.52- 4.45	82	189	313	483	563	684	1014	1097	1237	1816	1920	1853	1638	1279	890	116	32	176	132	
NONMANUFACTURING -----	40,685	4.03	4.12	3.76- 4.35	38	299	303	798	847	1456	2207	2224	2634	4156	10057	6801	3294	2347	1927	783	182	334	-	
PUBLIC UTILITIES ⁴ -----	32,753	4.08	4.14	3.87- 4.36	-	227	235	623	596	868	1158	1619	1718	3282	8935	6151	2705	1581	1822	723	181	330	-	
WHOLESALE TRADE -----	3,446	3.85	3.99	3.48- 4.22	5	44	30	90	107	119	428	198	270	471	775	346	396	101	55	11	1	-	-	
RETAIL TRADE -----	1,696	3.76	3.87	3.36- 4.19	26	28	16	63	69	101	167	103	194	268	248	192	136	18	47	-	-	1	-	
SERVICES -----	2,699	3.80	3.72	3.32- 4.62	7	1	22	22	76	366	454	288	413	135	92	104	41	642	32	1	-	3	-	

See footnotes at end of table.

Table A-11. Maintenance and powerplant occupations—United States—Continued

(Average straight-time hourly earnings for men in selected occupations by industry division in all metropolitan areas, February 1970¹)

Occupation and industry division	Number of workers	Hourly earnings ²			Number of workers receiving straight-time hourly earnings of—																		
		Mean ³	Median ³	Middle range ³	Under \$ 2.20	\$ 2.20 and under	\$ 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
					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	over	
MECHANICS, MAINTENANCE -----	88,987	\$ 3.99	\$ 4.04	\$ 3.59- 4.39	58	258	740	1380	2447	3106	6064	9003	9102	9858	14501	10702	8140	6026	3483	3574	246	242	59
MANUFACTURING -----	82,428	3.98	4.04	3.59- 4.38	46	249	677	1289	2290	2884	5656	8211	8588	9260	13826	9792	7526	5553	3184	2972	192	202	29
NONMANUFACTURING -----	6,560	4.08	4.10	3.58- 4.56	12	9	63	91	158	222	409	792	515	598	674	909	614	472	299	602	54	40	29
PUBLIC UTILITIES ⁴ -----	2,958	4.51	4.51	4.22- 4.92	-	-	-	10	-	4	61	47	154	138	268	536	464	383	229	571	33	37	23
WHOLESALE TRADE -----	1,110	3.72	3.76	3.44- 4.06	-	2	2	27	54	77	81	180	162	176	180	109	51	5	-	7	-	-	-
RETAIL TRADE -----	966	3.82	3.82	3.34- 4.18	-	7	4	16	59	72	116	110	78	130	143	47	43	76	35	6	18	3	6
SERVICES -----	1,106	3.68	3.67	3.30- 4.22	12	1	57	37	44	68	122	161	119	125	76	172	56	7	33	15	3	-	-
MILLWRIGHTS -----	26,348	4.30	4.28	3.98- 4.76	-	2	22	35	229	257	639	923	1391	3427	4765	3169	2519	3259	5397	42	92	109	76
MANUFACTURING -----	26,137	4.30	4.28	3.98- 4.76	-	2	19	35	229	257	630	915	1390	3393	4709	3132	2516	3245	5361	42	90	99	76
OILERS -----	13,829	3.39	3.46	3.07- 3.78	581	180	350	727	928	1772	1698	2414	2009	2086	409	169	249	109	17	79	10	42	-
MANUFACTURING -----	13,454	3.39	3.46	3.07- 3.77	576	178	347	716	897	1679	1686	2364	1965	2002	400	163	248	109	1	79	2	42	-
NONMANUFACTURING -----	375	3.51	3.53	3.13- 3.92	5	2	3	11	31	93	12	50	44	83	9	6	1	-	16	-	8	-	-
PAINTERS, MAINTENANCE -----	13,298	4.03	4.04	3.55- 4.48	132	142	184	281	271	491	1021	1091	1465	1305	1644	1214	1481	1012	488	242	71	87	681
MANUFACTURING -----	9,171	4.04	4.08	3.67- 4.45	7	36	63	87	138	264	550	688	1189	1046	1442	915	1364	858	378	15	13	57	62
NONMANUFACTURING -----	4,127	4.02	3.81	3.27- 4.82	125	105	121	195	133	227	471	402	276	259	203	299	118	154	109	227	58	30	619
PUBLIC UTILITIES ⁴ -----	685	4.01	4.11	3.54- 4.41	-	1	3	4	15	12	65	119	72	34	46	142	52	62	14	33	13	-	-
RETAIL TRADE -----	511	4.37	4.19	3.50- 5.21	2	-	13	14	18	20	52	23	45	22	51	8	8	28	41	38	23	15	92
FINANCE ⁵ -----	1,548	4.25	3.93	3.21- 5.63	19	48	67	96	57	90	200	80	67	118	31	19	43	22	14	129	18	1	431
SERVICES -----	1,283	3.61	3.50	3.00- 4.21	104	56	38	81	40	105	154	162	90	71	56	112	7	36	31	27	4	14	96
PIPEFITTERS, MAINTENANCE -----	30,595	4.29	4.34	3.99- 4.59	-	12	23	60	96	283	897	1122	2100	3155	4684	4101	6619	3240	3398	277	157	117	260
MANUFACTURING -----	29,412	4.28	4.35	4.00- 4.59	-	12	23	31	88	282	874	963	1967	3122	4609	3820	6583	3154	3349	106	143	115	174
NONMANUFACTURING -----	1,183	4.33	4.28	3.67- 4.86	-	-	-	29	8	1	23	159	133	33	75	281	35	86	48	171	14	2	86
PUBLIC UTILITIES ⁴ -----	708	4.27	4.25	3.62- 4.88	-	-	-	-	1	-	1	151	115	15	21	117	20	65	33	158	9	2	-
PLUMBERS, MAINTENANCE -----	2,572	4.06	4.11	3.65- 4.39	14	1	23	32	50	55	162	210	360	270	398	390	312	78	71	16	19	6	104
MANUFACTURING -----	1,676	4.09	4.15	3.75- 4.40	-	-	5	16	37	43	71	67	233	177	315	301	268	66	30	3	4	3	35
NONMANUFACTURING -----	895	4.02	3.85	3.52- 4.33	14	1	18	16	13	12	91	143	126	93	83	88	44	12	41	13	15	3	69
PUBLIC UTILITIES ⁴ -----	326	3.82	3.72	3.56- 4.14	-	-	-	4	2	6	14	85	78	40	33	48	6	6	3	-	-	-	-
SERVICES -----	257	3.94	3.76	3.33- 4.46	-	1	18	11	11	5	48	8	37	11	8	27	13	-	34	7	-	-	18
SHEET-METAL WORKERS, MAINTENANCE -----	6,393	4.27	4.30	3.98- 4.68	-	-	11	5	49	19	172	253	701	439	1243	834	819	806	881	41	45	46	28
MANUFACTURING -----	6,015	4.30	4.32	4.02- 4.70	-	-	11	5	49	19	167	176	530	427	1211	803	799	802	868	39	45	46	17
NONMANUFACTURING -----	378	3.90	3.68	3.61- 4.14	-	-	-	-	-	-	5	77	171	12	32	31	20	4	13	2	-	-	11
PUBLIC UTILITIES ⁴ -----	303	3.76	3.65	3.59- 3.73	-	-	-	-	-	-	5	77	168	7	13	8	12	2	9	2	-	-	-
TOOL AND DIE MAKERS -----	54,416	4.55	4.62	4.16- 5.05	-	-	-	19	69	301	914	1929	2925	3799	4797	5355	6562	5507	6550	12036	2341	1080	232
MANUFACTURING -----	54,028	4.55	4.63	4.16- 5.05	-	-	-	19	69	298	910	1915	2917	3787	4779	5349	6323	5452	6526	12032	2341	1080	232

¹ Average month of reference. Data were collected during the period July 1969 through June 1970.² Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.³ For definition of terms, see footnote 3, table A-1.⁴ Transportation, communication, and other public utilities.⁵ Finance, insurance, and real estate.

Table A-12. Maintenance and powerplant occupations—Northeast

(Average straight-time hourly earnings for men in selected occupations by industry division in the Northeast, ¹ February 1970 ²)

Occupation and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																		
		Mean ⁴	Median ⁴	Middle range ⁴	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
					Under	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
					and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					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	over	
CARPENTERS, MAINTENANCE -----	5,671	3.90	3.83	3.48- 4.26	-	12	52	126	189	157	632	765	684	927	609	588	313	181	54	96	66	32	192
MANUFACTURING -----	4,085	3.78	3.81	3.44- 4.13	-	-	37	96	166	140	510	438	561	853	436	425	235	118	29	-	11	10	22
NONMANUFACTURING -----	1,586	4.21	4.07	3.52- 4.73	-	12	15	29	23	17	122	327	123	74	173	163	78	63	25	96	55	22	170
PUBLIC UTILITIES ⁵ -----	448	3.86	3.57	3.48- 4.32	-	-	-	3	-	-	64	197	5	28	22	52	9	42	2	13	11	-	-
RETAIL TRADE -----	471	5.05	5.15	4.30- 6.01	-	-	2	2	14	9	12	15	16	7	21	24	33	15	16	69	42	14	160
FINANCE ⁶ -----	307	3.97	4.14	3.47- 4.34	-	1	3	8	-	6	7	90	4	4	70	63	32	6	3	2	-	3	5
SERVICES -----	317	3.64	3.71	3.38- 4.04	-	11	10	16	9	2	39	22	84	30	58	24	4	-	1	4	2	-	-
ELECTRICIANS, MAINTENANCE -----	15,370	4.04	4.00	3.67- 4.38	-	1	41	112	200	430	1099	1386	2101	2269	2413	1655	1112	1353	588	260	85	39	228
MANUFACTURING -----	13,495	4.00	3.97	3.66- 4.33	-	-	41	109	190	412	987	1230	1947	2174	2195	1418	915	987	529	130	39	13	181
NONMANUFACTURING -----	1,875	4.32	4.36	3.83- 4.74	-	1	-	3	10	18	112	156	153	95	218	238	196	367	59	130	46	26	47
PUBLIC UTILITIES ⁵ -----	864	4.40	4.48	4.04- 4.76	-	-	-	-	-	-	15	54	101	17	87	121	70	252	26	98	22	2	-
RETAIL TRADE -----	311	4.69	4.75	4.23- 5.10	-	-	-	1	3	11	4	6	4	40	6	13	20	92	20	27	21	20	22
FINANCE ⁶ -----	351	4.08	4.08	3.44- 4.53	-	-	-	2	3	2	59	58	6	9	78	21	68	19	4	3	2	4	13
SERVICES -----	298	3.99	3.99	3.58- 4.28	-	1	-	-	4	5	34	38	39	29	43	73	8	4	5	2	1	-	12
ENGINEERS, STATIONARY -----	6,025	3.98	3.87	3.57- 4.34	-	26	52	61	99	252	298	840	1095	728	646	630	321	374	171	164	33	23	214
MANUFACTURING -----	3,928	3.94	3.80	3.56- 4.20	-	-	5	9	49	169	251	639	852	615	357	331	131	152	108	85	2	14	159
NONMANUFACTURING -----	2,097	4.07	4.13	3.61- 4.55	-	26	47	52	49	83	47	201	242	113	289	299	191	222	63	79	31	9	55
PUBLIC UTILITIES ⁵ -----	590	4.18	4.28	3.73- 4.71	-	2	14	15	17	17	8	39	40	8	66	148	30	119	26	41	-	-	-
RETAIL TRADE -----	283	4.28	4.29	3.76- 4.86	-	23	-	-	3	-	14	13	24	13	16	78	8	12	12	17	11	8	30
FINANCE ⁶ -----	628	4.13	4.07	3.66- 4.52	-	-	-	7	6	7	8	89	141	15	103	42	93	54	16	16	6	1	25
SERVICES -----	506	3.73	3.78	3.13- 4.24	-	1	33	26	23	59	16	60	37	25	94	23	60	37	9	5	-	-	-
FIREMEN, STATIONARY BOILER -----	4,561	3.31	3.27	2.93- 3.59	105	124	220	367	512	655	705	755	430	204	176	87	67	33	13	13	18	64	13
MANUFACTURING -----	3,963	3.33	3.29	2.94- 3.60	42	109	188	306	471	499	674	701	386	186	155	61	64	27	13	8	10	57	8
NONMANUFACTURING -----	598	3.19	3.07	2.69- 3.58	63	15	33	61	41	157	31	54	44	18	22	26	3	6	-	5	8	7	5
HELPERS, MAINTENANCE TRADES -----	8,494	3.16	3.12	2.95- 3.42	65	217	572	502	963	2641	1196	1337	671	189	64	26	18	-	-	2	-	30	-
MANUFACTURING -----	7,009	3.14	3.09	2.93- 3.41	44	155	499	457	863	2324	867	1063	545	125	34	2	-	-	87	-	-	30	-
NONMANUFACTURING -----	1,486	3.25	3.25	3.08- 3.52	21	62	73	45	101	317	329	275	126	64	30	24	18	-	2	-	-	-	-
PUBLIC UTILITIES ⁵ -----	1,107	3.30	3.27	3.14- 3.53	-	37	43	26	39	270	262	243	82	62	10	16	18	-	-	-	-	-	-
MACHINE-TOOL OPERATORS, TOOLROOM -----	5,345	3.98	3.91	3.55- 4.37	-	-	-	12	67	265	529	655	653	831	572	523	311	314	368	219	-	1	28
MANUFACTURING -----	5,327	3.98	3.92	3.55- 4.37	-	-	-	12	62	265	528	650	651	831	567	523	311	314	368	219	-	1	28
MACHINISTS, MAINTENANCE -----	14,843	4.06	4.03	3.67- 4.39	-	-	4	25	121	433	1149	1430	1828	1881	2685	1639	1079	748	864	508	56	257	96
MANUFACTURING -----	14,115	4.06	4.03	3.68- 4.38	-	-	4	25	121	433	1131	1258	1687	1850	2674	1605	1032	636	825	389	96	257	96
NONMANUFACTURING -----	728	4.18	3.98	3.59- 4.74	-	-	4	-	-	-	18	172	141	31	11	34	47	112	39	119	-	-	-
PUBLIC UTILITIES ⁵ -----	571	4.28	4.44	3.63- 4.82	-	-	-	-	-	-	-	128	124	9	6	5	45	107	31	117	-	-	-
MECHANICS, AUTOMOTIVE -----	14,379	4.01	4.05	3.71- 4.29	-	103	67	141	191	471	987	1089	1287	1918	3628	1518	958	1152	456	241	47	52	74
MANUFACTURING -----	3,509	3.93	3.93	3.51- 4.31	-	-	9	29	88	233	328	419	368	599	399	347	330	172	62	1	-	52	74
NONMANUFACTURING -----	10,870	4.03	4.07	3.78- 4.28	-	103	58	111	105	238	660	671	919	1319	3229	1170	628	980	394	240	47	-	-
PUBLIC UTILITIES ⁵ -----	8,079	4.05	4.09	3.84- 4.26	-	94	58	68	51	162	337	461	557	1025	2774	996	501	331	384	236	47	-	-
WHOLESALE TRADE -----	937	4.07	4.07	4.01- 4.24	-	9	-	14	14	3	3	29	45	92	448	143	84	46	4	3	-	-	-
SERVICES -----	1,516	3.98	3.76	3.39- 4.74	-	-	-	7	23	66	303	166	286	48	-	31	-	586	-	-	-	-	-
MECHANICS, MAINTENANCE -----	20,050	3.83	3.82	3.49- 4.13	-	21	160	271	479	891	2126	2798	3030	3621	2448	1460	963	785	401	335	49	206	6
MANUFACTURING -----	18,112	3.81	3.81	3.47- 4.11	-	21	144	260	429	823	2013	2370	2886	3440	2250	1305	822	620	342	212	7	166	3
NONMANUFACTURING -----	1,938	4.03	3.95	3.55- 4.51	-	-	16	11	50	68	114	428	145	181	197	155	141	165	59	123	42	40	3
PUBLIC UTILITIES ⁵ -----	841	4.50	4.49	4.08- 4.92	-	-	-	-	-	-	6	6	58	73	114	96	123	139	50	110	26	37	3
RETAIL TRADE -----	417	3.64	3.56	3.22- 3.88	-	-	-	1	47	53	62	69	43	63	27	11	2	22	-	1	13	3	-
MILLWRIGHTS -----	6,289	4.08	4.11	3.81- 4.43	-	-	9	21	69	154	403	426	450	1302	946	818	653	758	274	-	-	7	-
MANUFACTURING -----	6,237	4.08	4.11	3.81- 4.43	-	-	9	21	69	154	402	422	450	1301	939	787	653	758	266	-	-	7	-
OILERS -----	3,657	3.23	3.20	2.89- 3.61	109	65	176	341	497	639	481	404	579	190	83	31	1	10	1	-	8	42	-
MANUFACTURING -----	3,561	3.23	3.19	2.89- 3.61	108	65	175	340	477	632	469	373	573	186	81	29	-	10	1	-	-	42	-

See footnotes at end of table.

Table A-12. Maintenance and powerplant occupations—Northeast—Continued

(Average straight-time hourly earnings for men in selected occupations by industry division in the Northeast, ¹ February 1970 ²)

Occupation and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																				
		Mean ⁴	Median ⁴	Middle range ⁴	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
					Under 2.20 and 2.20	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	and over	
					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	over			
PAINTERS, MAINTENANCE -----	3,968	\$ 3.77	\$ 3.69	\$ 3.39- 4.10	61	18	41	106	123	191	482	606	647	554	284	274	130	169	67	164	26	8	20		
MANUFACTURING -----	2,509	3.76	3.70	3.45- 4.03	3	-	23	14	85	167	270	354	531	407	198	196	87	136	29	2	5	3	2		
NONMANUFACTURING -----	1,460	3.79	3.63	3.35- 4.28	58	18	18	92	38	24	213	253	116	147	86	78	43	33	38	162	21	5	18		
PUBLIC UTILITIES ⁵ -----	256	3.98	3.90	3.55- 4.34	-	-	-	3	4	7	19	56	28	17	16	57	7	18	2	15	7	-	-		
FINANCE ⁶ -----	556	3.96	3.92	3.37- 4.90	-	-	9	51	5	7	94	46	37	102	18	13	30	3	10	128	-	-	2		
SERVICES -----	485	3.27	3.41	2.81- 3.58	58	18	7	38	15	8	92	146	39	25	25	6	4	-	-	-	-	-	5		
PIPEFITTERS, MAINTENANCE -----	7,931	4.00	3.90	3.70- 4.34	-	-	22	10	44	205	712	529	1191	1519	1080	1155	439	674	227	43	15	4	62		
MANUFACTURING -----	7,568	3.98	3.89	3.70- 4.33	-	-	22	10	41	205	710	484	1135	1514	1059	1063	420	616	222	-	12	4	53		
NONMANUFACTURING -----	363	4.33	4.34	3.70- 4.74	-	-	-	-	3	-	2	46	57	5	21	92	19	58	5	43	3	-	9		
PLUMBERS, MAINTENANCE -----	989	3.83	3.75	3.55- 4.09	-	1	10	14	12	29	107	118	269	126	154	72	29	11	5	8	-	5	19		
MANUFACTURING -----	598	3.83	3.75	3.58- 4.11	-	-	-	10	9	27	58	51	189	77	104	37	10	7	1	3	-	3	13		
NONMANUFACTURING -----	390	3.83	3.76	3.54- 4.07	-	1	10	4	3	2	49	67	80	49	49	35	19	4	4	5	-	2	6		
SHEET-METAL WORKERS, MAINTENANCE --	1,793	4.06	4.06	3.70- 4.39	-	-	-	5	8	18	106	143	313	199	330	252	53	309	45	3	4	2	3		
MANUFACTURING -----	1,638	4.08	4.08	3.74- 4.39	-	-	-	5	8	18	104	90	258	199	318	238	42	306	41	3	4	2	1		
TOOL AND DIE MAKERS -----	15,891	4.19	4.17	3.82- 4.58	-	-	-	9	24	157	643	1334	1619	2269	2322	1973	1855	1154	1703	735	48	3	44		
MANUFACTURING -----	15,759	4.18	4.16	3.81- 4.57	-	-	-	9	24	157	643	1329	1619	2269	2311	1973	1774	1139	1684	735	48	3	44		

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.⁶ Finance, insurance, and real estate.

Table A-13. Maintenance and powerplant occupations—South

(Average straight-time hourly earnings for men in selected occupations by industry division in the South,¹ February 1970²)

Occupation and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																		
		Mean ⁴	Median ⁴	Middle range ⁴	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
					Under 2.20	2.20 and under 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	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	over
CARPENTERS, MAINTENANCE -----	4,361	3.89	4.08	3.42- 4.45	38	28	54	103	200	179	192	241	433	216	375	580	204	1141	199	52	22	75	30
MANUFACTURING -----	3,075	3.96	4.15	3.63- 4.45	17	19	43	47	144	99	68	74	232	173	275	541	152	1031	134	25	2	-	-
NONMANUFACTURING -----	1,287	3.71	3.53	3.12- 4.43	21	9	11	58	56	80	124	167	201	44	101	37	52	111	65	27	20	75	30
PUBLIC UTILITIES ⁵ -----	376	3.78	3.52	3.38- 4.17	-	-	-	-	1	-	2	120	118	16	17	12	13	21	27	15	13	1	-
RETAIL TRADE -----	417	3.98	3.93	3.26- 4.65	6	-	2	15	22	19	35	25	39	15	48	14	31	35	21	12	7	55	17
ELECTRICIANS, MAINTENANCE -----	12,314	4.05	4.15	3.66- 4.51	4	28	18	102	212	430	404	622	1002	925	1157	1946	1576	2249	724	606	190	30	89
MANUFACTURING -----	10,952	4.05	4.16	3.70- 4.51	2	28	14	55	186	417	336	577	812	773	1049	1822	1296	2177	672	545	134	28	30
NONMANUFACTURING -----	1,361	4.01	4.05	3.56- 4.38	2	-	4	48	25	13	68	46	190	152	108	124	280	73	52	61	56	2	59
PUBLIC UTILITIES ⁵ -----	847	4.21	4.26	3.76- 4.41	-	-	-	-	2	-	3	16	102	114	52	76	268	52	47	46	49	-	20
ENGINEERS, STATIONARY -----	4,785	3.73	3.81	3.20- 4.22	100	73	61	136	248	171	416	325	327	518	365	803	271	436	227	163	33	74	42
MANUFACTURING -----	2,650	3.95	4.07	3.63- 4.39	19	6	30	19	51	73	98	145	164	368	217	618	182	337	167	101	17	28	8
NONMANUFACTURING -----	2,135	3.47	3.38	2.88- 4.04	80	67	30	117	198	98	318	182	161	149	146	185	89	99	60	62	16	46	34
RETAIL TRADE -----	516	3.80	3.71	3.23- 4.44	6	2	2	16	17	11	63	64	57	43	37	51	17	39	11	45	6	30	2
FINANCE -----	648	3.20	3.09	2.67- 3.65	-	63	14	60	70	28	164	44	34	24	27	55	15	16	33	2	-	-	-
SERVICES -----	626	3.34	3.16	2.71- 3.89	75	1	3	33	103	51	53	37	29	29	65	59	15	5	3	8	8	16	32
FIREMEN, STATIONARY BOILER -----	2,514	2.96	2.91	2.15- 3.68	675	70	56	175	183	150	180	145	160	184	111	202	74	127	7	16	-	-	-
MANUFACTURING -----	2,192	2.99	2.97	2.14- 3.72	598	50	44	152	166	96	130	129	154	182	111	192	39	126	7	16	-	-	-
NONMANUFACTURING -----	322	2.79	2.83	2.22- 3.14	76	20	12	23	17	54	49	16	6	2	-	10	35	1	-	-	-	-	-
HELPERS, MAINTENANCE TRADES -----	7,687	3.00	3.09	2.56- 3.53	914	233	221	689	777	507	1016	730	1217	1132	93	139	7	13	-	-	-	-	-
MANUFACTURING -----	5,768	3.06	3.17	2.64- 3.55	597	139	181	441	463	350	819	579	1084	983	81	33	7	13	-	-	-	-	-
NONMANUFACTURING -----	1,918	2.84	2.76	2.44- 3.27	317	94	40	248	314	156	197	150	134	151	12	106	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	1,426	3.01	2.98	2.60- 3.44	73	58	30	189	255	124	164	131	134	151	12	106	-	-	-	-	-	-	-
MACHINE-TOOL OPERATORS, TOOLROOM -----	2,526	3.79	3.81	3.31- 4.34	16	-	-	54	98	91	228	198	301	267	333	77	497	268	59	15	10	-	15
MANUFACTURING -----	2,519	3.79	3.80	3.31- 4.34	16	-	-	54	98	91	228	198	301	265	333	73	497	268	59	15	10	-	15
MACHINISTS, MAINTENANCE -----	9,826	4.08	4.17	3.73- 4.50	8	11	10	89	203	211	313	335	740	788	759	1924	866	2236	871	405	61	-	-
MANUFACTURING -----	9,011	4.08	4.17	3.77- 4.50	8	4	10	88	203	197	267	329	551	678	737	1897	759	2169	775	323	19	-	-
NONMANUFACTURING -----	815	4.07	4.10	3.57- 4.62	-	8	-	2	-	14	46	6	188	110	21	26	107	68	96	82	42	-	-
PUBLIC UTILITIES ⁵ -----	779	4.08	4.15	3.57- 4.62	-	-	-	2	-	14	45	1	186	106	20	22	107	68	96	70	42	-	-
MECHANICS, AUTOMOTIVE (MAINTENANCE) -----	15,051	3.61	3.78	3.08- 4.13	120	150	236	539	1061	963	1315	1223	994	1069	1381	3590	1126	862	283	86	58	-	-
MANUFACTURING -----	3,773	3.37	3.32	2.78- 4.00	82	70	119	304	467	379	324	353	334	244	209	381	163	195	175	32	3	-	-
NONMANUFACTURING -----	11,278	3.69	3.89	3.23- 4.14	38	80	116	234	654	584	991	868	661	824	1172	3209	962	668	109	54	54	-	-
PUBLIC UTILITIES ⁵ -----	9,317	3.78	4.02	3.39- 4.17	-	25	108	174	523	441	571	509	474	600	985	3131	930	640	102	53	54	-	-
WHOLESALE TRADE -----	679	3.34	3.39	2.87- 3.84	5	31	4	30	76	55	67	76	49	89	130	40	23	-	5	-	-	-	-
RETAIL TRADE -----	621	3.28	3.34	2.98- 3.70	26	23	5	16	40	52	71	137	46	112	36	26	6	23	1	1	-	-	-
SERVICES -----	650	3.19	3.16	3.04- 3.37	7	1	-	15	15	37	281	148	92	24	21	5	3	-	-	-	-	-	-
MECHANICS, MAINTENANCE -----	23,525	3.75	3.85	3.29- 4.19	58	157	78	551	955	1684	1265	2187	2121	2290	1602	4898	2088	2566	803	140	34	31	19
MANUFACTURING -----	21,906	3.74	3.84	3.28- 4.19	46	154	72	523	909	1608	1187	2034	1994	2133	1433	4756	1819	2411	668	120	16	22	3
NONMANUFACTURING -----	1,619	3.87	3.92	3.41- 4.35	12	4	5	28	46	76	77	153	127	157	169	143	269	156	135	20	18	9	16
MILLWRIGHTS -----	2,879	4.12	4.15	3.95- 4.44	-	2	-	13	14	123	53	47	130	138	251	1070	222	296	222	290	-	-	10
MANUFACTURING -----	2,859	4.12	4.15	3.96- 4.44	-	2	-	10	14	123	53	41	130	138	245	1070	221	296	222	290	-	-	6
OILERS -----	3,174	3.07	3.29	2.64- 3.52	473	102	13	145	226	163	331	539	686	268	116	95	16	-	4	-	-	-	-
MANUFACTURING -----	3,085	3.07	3.30	2.63- 3.51	469	101	12	143	216	159	302	539	686	230	116	95	16	-	4	-	-	-	-
PAINTERS, MAINTENANCE -----	3,484	3.80	4.03	3.29- 4.44	68	72	42	135	130	103	233	302	155	227	242	451	224	794	229	31	25	6	14
MANUFACTURING -----	2,537	4.03	4.18	3.74- 4.46	4	7	29	36	56	47	70	187	104	177	197	425	208	773	199	18	-	1	-
NONMANUFACTURING -----	946	3.20	3.10	2.60- 3.63	64	65	13	99	75	56	162	115	52	50	45	27	16	22	30	13	25	5	14
SERVICES -----	298	2.95	3.04	2.38- 3.37	44	26	7	27	19	5	68	38	13	12	24	1	-	3	-	-	12	-	-

See footnotes at end of table.

Table A-13. Maintenance and powerplant occupations—South—Continued

(Average straight-time hourly earnings for men in selected occupations by industry division in the South,¹ February 1970²)

Occupation and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																		
		Mean ⁴	Median ⁴	Middle range ⁴	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
					Under \$ 2.20 and under	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
					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	over	
PIPEFITTERS, MAINTENANCE -----	7,842	\$ 4.29	\$ 4.42	\$ 4.14- 4.49	-	2	10	2	50	47	39	60	232	235	473	1621	660	3528	657	188	2	11	25
MANUFACTURING -----	7,687	4.30	4.42	4.15- 4.49	-	2	10	2	21	42	38	59	208	200	457	1608	656	3526	657	188	2	11	-
PLUMBERS, MAINTENANCE -----	296	3.66	3.68	3.13- 4.16	14	-	-	13	9	29	13	15	42	22	41	37	10	25	-	14	7	4	1
SHEET-METAL WORKERS, MAINTENANCE --	1,221	4.13	4.18	3.80- 4.46	-	-	-	11	-	41	-	49	55	149	74	287	164	298	19	56	3	-	15
MANUFACTURING -----	1,133	4.14	4.19	3.95- 4.47	-	-	-	11	-	41	-	46	46	97	65	282	164	298	19	56	3	-	6
TOOL AND DIE MAKERS -----	3,711	4.12	4.13	3.76- 4.53	-	-	-	-	10	45	103	164	302	396	487	559	439	627	208	208	161	2	-
MANUFACTURING -----	3,667	4.12	4.13	3.76- 4.53	-	-	-	-	10	45	100	160	295	391	476	552	438	625	205	207	161	2	-

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.⁶ Finance, insurance, and real estate.

Table A-14. Maintenance and powerplant occupations—North Central

(Average straight-time hourly earnings for men in selected occupations by industry division in the North Central region, ¹ February 1970 ²)

Occupation and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																			
		Mean ⁴	Median ⁴	Middle range ⁴	Under \$ 2.20	\$ 2.20 and under	\$ 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 and over
					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	over		
CARPENTERS, MAINTENANCE -----	5,962	4.30	4.22	3.83- 4.70	-	-	1	7	72	103	400	435	369	688	805	651	810	390	617	70	39	65	441	
MANUFACTURING -----	4,492	4.21	4.21	3.91- 4.55	-	-	-	-	53	65	161	271	281	619	759	577	708	364	548	12	6	29	40	
NONMANUFACTURING -----	1,470	4.60	4.35	3.47- 5.85	-	-	1	7	19	38	240	165	88	69	46	74	102	26	69	58	33	36	401	
PUBLIC UTILITIES ⁵ -----	596	3.67	3.48	3.33- 3.98	-	-	-	-	14	25	207	111	71	23	16	40	69	12	2	1	6	-	-	
RETAIL TRADE -----	319	5.09	5.01	4.20- 5.88	-	-	-	-	2	6	12	14	29	16	16	7	8	49	22	20	3	116		
FINANCE ⁶ -----	348	5.62	6.04	5.40- 6.10	-	-	-	2	2	2	23	13	1	10	6	7	6	1	1	13	1	33	229	
ELECTRICIANS, MAINTENANCE -----	26,335	4.50	4.51	4.10- 4.95	-	-	2	28	58	135	505	1038	1284	1638	3386	3403	3335	2398	3749	4093	311	309	665	
MANUFACTURING -----	23,650	4.47	4.48	4.09- 4.92	-	-	2	10	39	112	414	895	1185	1582	3230	3213	3029	2127	3570	3457	190	200	396	
NONMANUFACTURING -----	2,685	4.77	4.78	4.25- 5.08	-	-	-	18	19	23	90	143	99	56	156	191	306	271	179	636	121	110	269	
PUBLIC UTILITIES ⁵ -----	1,780	4.66	4.75	4.43- 5.05	-	-	-	1	5	15	26	82	70	14	61	148	276	258	130	522	80	74	20	
ENGINEERS, STATIONARY -----	7,769	4.41	4.38	3.90- 4.88	2	2	4	54	109	201	214	414	652	711	792	792	699	834	701	519	78	754	239	
MANUFACTURING -----	5,085	4.38	4.43	3.94- 4.83	-	-	-	5	39	82	107	264	418	532	591	430	490	744	653	434	42	149	105	
NONMANUFACTURING -----	2,685	4.45	4.31	3.75- 5.51	2	2	4	49	70	119	108	149	235	180	200	362	209	89	48	85	36	605	134	
PUBLIC UTILITIES ⁵ -----	445	4.09	4.11	3.62- 4.41	-	-	-	-	4	12	29	55	63	29	54	87	37	50	-	8	-	18	-	
RETAIL TRADE -----	518	4.45	4.32	3.94- 5.09	2	2	1	5	27	3	3	2	52	73	50	54	45	14	8	54	16	107	-	
FINANCE ⁶ -----	929	4.82	5.51	4.12- 5.57	-	-	3	28	25	55	19	31	13	30	42	109	67	17	5	-	350	134	-	
SERVICES -----	694	4.23	4.19	3.60- 4.91	-	-	-	16	14	49	49	47	92	40	43	84	58	7	33	12	20	130	-	
FIREMEN, STATIONARY BOILER -----	5,346	3.84	3.80	3.36- 4.37	56	61	88	111	200	453	489	512	721	492	458	440	291	275	662	28	-	10	-	
MANUFACTURING -----	4,455	3.87	3.84	3.39- 4.38	24	40	51	72	171	375	414	421	553	439	409	414	286	262	515	3	-	5	-	
NONMANUFACTURING -----	891	3.69	3.64	3.15- 4.19	32	21	38	38	29	77	76	91	168	53	45	25	5	13	147	25	-	5	-	
SERVICES -----	298	3.46	3.47	2.81- 4.01	27	11	10	25	18	21	12	38	58	2	21	8	3	-	44	-	-	1	-	
HELPERS, MAINTENANCE TRADES -----	8,909	3.36	3.34	3.10- 3.61	14	77	244	216	524	1749	2496	1328	859	949	383	47	9	-	-	14	-	-	-	
MANUFACTURING -----	7,384	3.35	3.34	3.11- 3.57	14	72	135	168	368	1550	2226	1100	789	730	194	14	9	-	-	14	-	-	-	
NONMANUFACTURING -----	1,525	3.40	3.39	3.06- 3.85	-	5	109	49	156	199	270	227	70	219	189	33	-	-	-	-	-	-	-	
PUBLIC UTILITIES ⁵ -----	1,096	3.50	3.44	3.15- 3.92	-	2	33	7	103	155	189	171	53	180	174	29	-	-	-	-	-	-	-	
MACHINE-TOOL OPERATORS, TOOLROOM -----	17,412	4.50	4.61	4.17- 4.92	-	-	-	31	69	116	264	448	1014	1123	1553	2260	1750	2486	3625	2087	378	173	38	
MANUFACTURING -----	17,303	4.50	4.62	4.18- 4.92	-	-	-	31	64	113	262	443	1000	1070	1539	2247	1750	2486	3625	2087	378	173	38	
MACHINISTS, MAINTENANCE -----	16,617	4.42	4.42	4.08- 4.76	-	-	-	-	15	158	237	495	948	1445	2162	2559	2674	2139	652	2092	620	285	138	
MANUFACTURING -----	15,957	4.43	4.42	4.09- 4.75	-	-	-	-	15	158	237	373	867	1427	2110	2489	2628	2081	617	1933	602	284	138	
NONMANUFACTURING -----	660	4.35	4.31	3.66- 5.01	-	-	-	-	-	-	-	122	82	18	52	70	46	59	35	159	18	1	-	
PUBLIC UTILITIES ⁵ -----	523	4.36	4.45	3.61- 5.03	-	-	-	-	-	-	-	122	82	18	52	70	46	59	35	159	18	1	-	
MECHANICS, AUTOMOTIVE (MAINTENANCE) -----	19,207	4.15	4.19	3.92- 4.42	-	-	11	79	211	292	855	994	1173	2239	3916	4371	1899	1083	1541	327	148	64	5	
MANUFACTURING -----	6,048	4.21	4.24	3.89- 4.62	-	-	-	46	59	109	216	245	554	866	758	791	806	804	680	36	28	47	5	
NONMANUFACTURING -----	13,159	4.13	4.18	3.93- 4.35	-	-	11	32	152	184	640	749	619	1374	3158	3580	1093	279	861	291	120	17	-	
PUBLIC UTILITIES ⁵ -----	11,041	4.18	4.21	4.02- 4.36	-	-	4	32	105	116	274	564	426	1080	2791	3300	875	211	838	291	120	17	-	
WHOLESALE TRADE -----	1,384	3.82	3.89	3.29- 4.19	-	-	-	-	39	42	348	118	109	181	216	103	164	45	22	-	-	-	-	
RETAIL TRADE -----	455	4.01	4.10	3.81- 4.26	-	-	-	-	-	8	14	43	47	63	107	144	27	2	1	-	-	-	-	
SERVICES -----	272	3.90	3.97	3.71- 4.31	-	-	7	-	10	17	3	26	32	50	46	33	27	20	-	-	-	-	-	
MECHANICS, MAINTENANCE -----	34,451	4.19	4.18	3.77- 4.67	-	3	29	152	278	854	1573	3253	2976	3303	5242	4246	2888	3505	2867	3084	153	12	34	
MANUFACTURING -----	32,105	4.18	4.18	3.77- 4.66	-	3	10	119	247	782	1444	3068	2824	3133	5004	3913	2685	3389	2677	2623	150	12	23	
NONMANUFACTURING -----	2,346	4.25	4.31	3.74- 4.86	-	-	19	34	31	72	129	185	152	170	238	333	203	116	190	461	3	-	10	
PUBLIC UTILITIES ⁵ -----	1,120	4.73	4.84	4.42- 5.06	-	-	-	-	-	-	6	27	1	6	72	144	185	78	141	452	-	-	7	
WHOLESALE TRADE -----	590	3.70	3.71	3.46- 4.02	-	-	-	14	11	29	61	112	115	82	105	46	16	-	-	1	-	-	-	
SERVICES -----	381	3.67	3.66	3.25- 4.31	-	-	19	19	20	35	41	44	28	54	14	88	-	-	14	5	-	-	-	
MILLWRIGHTS -----	16,419	4.42	4.46	4.06- 4.84	-	-	-	-	36	50	189	360	772	1836	2445	2068	1564	2071	4725	42	92	92	76	
MANUFACTURING -----	16,321	4.41	4.46	4.06- 4.84	-	-	-	-	36	50	187	360	771	1825	2423	2063	1561	2057	4697	42	90	86	76	
OILERS -----	5,763	3.64	3.68	3.35- 3.87	-	-	25	159	233	658	529	947	851	1613	193	116	248	95	16	79	2	-	-	
MANUFACTURING -----	5,659	3.64	3.69	3.35- 3.87	-	-	25	159	226	616	529	928	851	1602	187	114	248	95	-	79	2	-	-	

See footnotes at end of table.

Table A-14. Maintenance and powerplant occupations—North Central—Continued

(Average straight-time hourly earnings for men in selected occupations by industry division in the North Central region, ¹ February 1970 ²)

Occupation and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																		
		Mean ⁴	Median ⁴	Middle range ⁴	Under \$ 2.20	\$ 2.20 and under	\$ 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 and over
					\$ 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	over	
PAINTERS, MAINTENANCE -----	4,288	\$ 4.40	\$ 4.29	\$ 3.82- 4.79	3	10	8	45	45	56	167	259	435	315	606	356	442	489	338	36	31	63	584
MANUFACTURING -----	3,081	4.23	4.21	3.84- 4.65	-	-	4	17	7	18	72	203	382	274	554	299	396	448	310	6	5	54	35
NONMANUFACTURING -----	1,207	4.83	5.09	3.72- 5.77	3	10	4	28	38	38	95	57	53	42	55	57	46	42	29	30	26	9	549
FINANCE ⁶ -----	560	5.39	5.69	4.90- 6.23	-	3	-	3	4	9	51	10	10	8	10	3	11	17	4	1	18	1	399
SERVICES -----	255	4.37	4.09	3.03- 5.73	3	6	4	24	20	29	23	1	6	1	12	5	-	6	4	10	4	7	91
PIPEFITTERS, MAINTENANCE -----	12,725	4.45	4.48	4.15- 4.82	-	-	-	-	5	39	120	352	559	1050	1636	1621	2145	1722	2867	220	127	99	161
MANUFACTURING -----	12,191	4.45	4.48	4.15- 4.81	-	-	-	-	5	39	100	272	517	1039	1633	1479	2137	1694	2847	104	117	97	110
NONMANUFACTURING -----	535	4.47	4.28	3.69- 5.04	-	-	-	-	-	-	20	79	42	12	5	142	8	28	20	116	10	2	51
PLUMBERS, MAINTENANCE -----	546	4.39	4.31	3.83- 4.64	-	-	-	9	9	15	21	28	53	67	30	170	5	26	18	1	13	1	82
MANUFACTURING -----	356	4.28	4.32	3.94- 4.38	-	-	-	3	2	6	7	3	35	64	25	147	4	23	17	-	-	-	21
SHEET-METAL WORKERS, MAINTENANCE --	2,929	4.48	4.55	4.14- 4.83	-	-	-	-	-	1	17	49	194	133	441	332	406	461	770	32	41	38	16
MANUFACTURING -----	2,832	4.50	4.57	4.17- 4.83	-	-	-	-	-	1	17	40	129	131	438	324	399	461	766	32	41	38	16
TOOL AND DIE MAKERS -----	29,174	4.77	4.94	4.50- 5.13	-	-	-	-	-	37	104	276	874	996	1637	2024	3504	2852	3549	10671	1979	598	74
MANUFACTURING -----	29,158	4.77	4.94	4.50- 5.13	-	-	-	-	-	37	104	274	870	995	1637	2023	3500	2852	3549	10667	1979	598	74

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.⁶ Finance, insurance, and real estate.

Table A-15. Maintenance and powerplant occupations—West

(Average straight-time hourly earnings for men in selected occupations by industry division in the West, ¹ February 1970 ²)

Occupation and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time weekly earnings of—																			
		Mean ⁴	Median ⁴	Middle range ⁴	Under \$ 3.00 and under 3.10	\$ 3.00	\$ 3.10	\$ 3.20	\$ 3.30	\$ 3.40	\$ 3.50	\$ 3.60	\$ 3.70	\$ 3.80	\$ 4.00	\$ 4.20	\$ 4.40	\$ 4.60	\$ 4.80	\$ 5.00	\$ 5.20	\$ 5.40	\$ 5.60	
						3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	over
CARPENTERS, MAINTENANCE -----	2,452	4.18	4.24	3.77- 4.45	5	1	6	18	163	216	33	56	164	160	314	571	422	104	120	14	8	19	61	
MANUFACTURING -----	1,518	4.25	4.31	4.04- 4.44	3	-	2	4	23	22	16	29	129	115	249	458	332	56	54	7	3	-	18	
NONMANUFACTURING -----	934	4.07	3.96	3.44- 4.46	2	1	4	14	140	194	17	27	35	45	64	113	90	48	66	7	5	19	43	
PUBLIC UTILITIES ⁵ -----	435	3.68	3.45	3.38- 3.65	-	-	-	11	122	182	-	21	-	4	14	32	18	11	3	5	-	12	-	
SERVICES -----	260	4.40	4.28	4.14- 4.81	-	-	4	-	3	5	3	3	2	18	42	77	34	1	52	1	-	3	11	
ELECTRICIANS, MAINTENANCE -----	6,935	4.52	4.51	4.23- 4.83	-	6	-	6	20	17	155	72	120	460	731	1371	1120	973	725	797	137	125	101	
MANUFACTURING -----	5,703	4.48	4.49	4.22- 4.77	-	6	-	6	20	17	74	63	90	426	629	1239	1007	873	482	613	-	70	88	
NONMANUFACTURING -----	1,232	4.67	4.81	4.26- 5.12	-	-	-	-	-	-	81	9	29	34	101	133	113	100	243	184	137	55	13	
PUBLIC UTILITIES ⁵ -----	777	4.75	4.98	4.42- 5.19	-	-	-	-	-	-	77	7	22	24	29	27	61	66	95	182	134	53	-	
SERVICES -----	353	4.52	4.45	4.22- 4.85	-	-	-	-	-	-	3	1	4	6	61	91	28	9	146	1	-	2	-	

See footnotes at end of table.

Table A-15. Maintenance and powerplant occupations—West—Continued

(Average straight-time hourly earnings for men in selected occupations by industry division in the West,¹ February 1970²)

Occupation and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																							
		Mean ⁴	Median ⁴	Middle range ⁴	Under \$ 3.00	\$ 3.00	\$ 3.10	\$ 3.20	\$ 3.30	\$ 3.40	\$ 3.50	\$ 3.60	\$ 3.70	\$ 3.80	\$ 3.80	\$ 4.00	\$ 4.20	\$ 4.40	\$ 4.60	\$ 4.80	\$ 5.00	\$ 5.20	\$ 5.40	\$ 5.60	\$ 5.60 and over			
						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
						3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	4.00	4.20	4.40	4.60	4.80	5.00	5.20	5.40	5.60	over					
ENGINEERS, STATIONARY -----	3,094	\$ 4.42	\$ 4.44	\$ 4.18- 4.69	23	10	14	1	35	19	38	47	43	266	331	550	569	642	189	168	56	93	4	4	4			
MANUFACTURING -----	1,959	4.50	4.47	4.21- 4.69	-	-	6	1	2	1	-	20	19	183	244	354	281	506	55	147	51	90	-	-				
NONMANUFACTURING -----	1,135	4.29	4.41	4.03- 4.63	23	10	8	-	33	18	38	27	24	83	87	196	287	137	134	21	5	3	4	4				
SERVICES -----	617	4.35	4.42	4.22- 4.71	5	6	4	-	10	16	14	2	19	16	43	141	175	50	96	18	-	3	-	-				
FIREMEN, STATIONARY BOILER -----	591	3.58	3.56	3.31- 3.92	37	51	21	32	57	31	119	39	7	83	73	32	4	-	6	-	-	-	-	-				
MANUFACTURING -----	504	3.63	3.57	3.33- 3.97	16	42	21	32	48	16	115	30	7	62	73	32	4	-	6	-	-	-	-	-				
HELPERS, MAINTENANCE TRADES -----	3,129	3.41	3.46	3.19- 3.61	308	158	335	166	329	445	519	607	47	176	39	1	-	-	-	-	-	-	-	-				
MANUFACTURING -----	2,404	3.42	3.48	3.29- 3.61	244	59	234	69	295	390	465	503	20	94	30	1	-	-	-	-	-	-	-	-				
NONMANUFACTURING -----	725	3.37	3.31	3.12- 3.64	64	99	101	97	34	55	54	104	27	82	9	-	-	-	-	-	-	-	-	-				
MACHINE-TOOL OPERATORS, TOOLROOM --	2,357	4.30	4.34	4.12- 4.54	-	1	1	6	10	32	50	78	92	171	432	634	425	223	165	36	3	-	-	-				
MANUFACTURING -----	2,324	4.30	4.34	4.12- 4.54	-	1	1	6	10	32	50	78	92	171	429	621	408	223	165	36	3	-	-	-				
MACHINISTS, MAINTENANCE -----	4,929	4.51	4.50	4.22- 4.79	-	-	-	10	-	40	80	37	110	264	599	1087	744	767	355	542	133	126	34	34				
MANUFACTURING -----	4,513	4.50	4.50	4.22- 4.78	-	-	-	7	-	38	62	35	100	259	538	1000	720	757	307	471	74	110	34	34				
NONMANUFACTURING -----	416	4.63	4.58	4.23- 5.16	-	-	-	3	-	2	18	2	10	5	61	87	24	10	48	71	59	16	-	-				
MECHANICS, AUTOMOTIVE (MAINTENANCE) -----	7,562	4.42	4.40	4.15- 4.70	45	22	40	67	90	78	166	121	222	434	844	1640	1214	1110	734	272	19	394	53	53				
MANUFACTURING -----	2,184	4.29	4.27	4.05- 4.55	39	14	5	42	74	28	71	27	44	142	383	551	309	129	116	75	4	77	53	53				
NONMANUFACTURING -----	5,378	4.48	4.51	4.25- 4.75	6	8	35	25	15	50	95	94	178	292	461	1088	906	980	618	197	15	317	-	-				
PUBLIC UTILITIES -----	4,316	4.53	4.56	4.32- 4.78	1	1	18	25	15	31	91	68	68	192	240	925	689	937	547	142	14	313	-	-				
WHOLESALE TRADE -----	445	4.27	4.35	4.05- 4.54	-	7	-	-	-	2	-	26	2	68	72	78	148	5	29	8	1	-	-	-				
SERVICES -----	262	4.20	4.15	3.78- 4.72	5	-	2	-	-	-	4	-	71	16	41	37	14	36	32	1	-	3	-	-				
MECHANICS, MAINTENANCE -----	10,961	4.18	4.23	3.94- 4.42	8	73	24	42	136	73	758	225	581	1333	1912	2909	1723	932	75	121	12	24	-	-				
MANUFACTURING -----	10,304	4.18	4.23	3.95- 4.41	7	72	21	30	135	65	714	191	554	1255	1816	2757	1610	876	45	121	12	24	-	-				
NONMANUFACTURING -----	657	4.17	4.24	3.88- 4.49	1	1	3	12	1	9	44	34	27	78	96	151	114	56	30	-	-	-	-	-				
OILERS -----	1,236	3.55	3.57	3.36- 3.75	41	34	112	83	67	82	294	112	200	167	36	7	-	-	-	-	-	-	-	-				
MANUFACTURING -----	1,149	3.53	3.56	3.35- 3.73	41	34	96	83	67	82	294	112	200	99	37	5	-	-	-	-	-	-	-	-				
PAINTERS, MAINTENANCE -----	1,558	4.23	4.19	3.92- 4.47	1	2	9	41	28	46	24	74	83	194	301	360	115	125	52	17	8	11	68	68				
MANUFACTURING -----	1,043	4.19	4.17	3.95- 4.33	-	2	6	12	8	13	16	61	39	168	265	212	108	76	22	7	2	-	25	25				
NONMANUFACTURING -----	515	4.30	4.24	3.75- 4.66	1	-	3	29	20	33	8	13	44	25	35	148	7	49	30	10	6	11	43	43				
PIPEFITTERS, MAINTENANCE -----	2,097	4.36	4.33	4.17- 4.55	-	-	-	4	-	9	-	-	115	111	345	663	506	187	115	12	4	14	11	11				
MANUFACTURING -----	1,966	4.35	4.33	4.17- 4.55	-	-	-	4	-	-	-	-	115	111	309	621	500	187	92	-	3	14	10	10				
PLUMBERS, MAINTENANCE -----	741	4.29	4.34	4.15- 4.46	-	-	-	2	17	16	7	9	7	36	177	138	253	41	34	-	2	-	2	2				
MANUFACTURING -----	544	4.33	4.39	4.18- 4.46	-	-	-	-	-	5	1	2	2	7	150	111	230	36	-	-	-	-	-	-				
SHEET-METAL WORKERS, MAINTENANCE --	450	4.19	4.13	4.02- 4.37	-	-	-	-	-	-	6	13	33	34	185	86	62	18	10	3	-	-	-	-				
MANUFACTURING -----	412	4.18	4.12	4.02- 4.37	-	-	-	-	-	-	-	13	33	33	173	77	60	17	5	1	-	-	-	-				
TOOL AND DIE MAKERS -----	5,640	4.75	4.76	4.44- 5.00	-	2	2	2	2	10	6	12	24	48	281	918	576	1293	1090	470	313	479	114	114				
MANUFACTURING -----	5,444	4.76	4.77	4.45- 5.01	-	2	2	2	2	10	6	12	24	48	281	914	424	1256	1087	470	313	479	114	114				

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.

Table A-16. Custodial and material movement occupations—United States

(Average straight-time hourly earnings for selected occupations by industry division in all metropolitan areas, February 1970¹)

Occupation ² and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																		
		Mean ⁴	Median ⁴	Middle range ⁴	Under \$ 1.60	\$ 1.60 and under 1.80	\$ 1.80 2.00	\$ 2.00 2.20	\$ 2.20 2.40	\$ 2.40 2.60	\$ 2.60 2.80	\$ 2.80 3.00	\$ 3.00 3.20	\$ 3.20 3.40	\$ 3.40 3.60	\$ 3.60 3.80	\$ 3.80 4.00	\$ 4.00 4.20	\$ 4.20 4.40	\$ 4.40 4.60	\$ 4.60 4.80	\$ 4.80 5.00	\$ 5.00 and over
GUARDS AND WATCHMEN -----	125,935	\$ 2.43	\$ 2.14	\$ 1.78- 3.13	315	34725	16679	15025	5934	4559	5501	6157	10913	6929	5991	6322	4522	1995	196	93	37	1	42
MANUFACTURING -----	38,383	3.11	3.23	2.67- 3.66	-	1532	1197	1753	2025	2282	2853	3452	3296	4674	4597	5202	3583	1740	102	65	28	1	3
NONMANUFACTURING -----	87,552	2.13	1.90	1.73- 2.35	315	33193	15483	13271	3910	2277	2648	2706	7617	2255	1394	1120	940	255	94	28	9	-	39
GUARDS: -----																							
MANUFACTURING -----	28,305	3.32	3.41	2.98- 3.74	-	135	168	736	962	1144	1698	2461	2616	4116	4172	4764	3509	1674	83	40	26	-	-
WATCHMEN: -----																							
MANUFACTURING -----	10,078	2.53	2.48	2.02- 2.95	-	1397	1028	1017	1061	1138	1156	991	681	557	425	438	74	66	19	25	2	1	3
JANITORS, PORTERS, AND CLEANERS -----	272,886	2.46	2.50	1.92- 2.96	4600	46986	24497	28267	21849	23122	35682	24573	28259	14483	15815	2962	1422	148	125	77	-	-	22
MANUFACTURING -----	107,478	2.80	2.80	2.43- 3.25	-	4211	5754	7015	8071	11243	17431	12681	12047	11713	13925	2094	1112	54	30	77	-	-	22
NONMANUFACTURING -----	165,409	2.25	2.13	1.76- 2.74	4600	42773	18742	21252	13779	11878	18256	11892	16211	2770	1891	869	310	94	95	-	-	-	-
PUBLIC UTILITIES ⁵ -----	14,111	2.85	2.91	2.52- 3.16	-	388	440	794	1149	1200	1315	3262	2524	1237	1009	565	196	18	15	-	-	-	-
WHOLESALE TRADE -----	5,703	2.46	2.35	2.03- 2.89	-	643	674	965	728	580	545	284	424	404	282	118	33	24	-	-	-	-	-
RETAIL TRADE -----	28,080	2.15	2.06	1.78- 2.49	1695	5874	4467	4721	3046	2840	1611	1960	1140	350	214	64	46	50	2	-	-	-	-
FINANCE ⁶ -----	18,422	2.45	2.50	1.96- 2.96	91	3019	1799	2044	1541	1704	1843	2315	3347	349	297	21	24	2	25	-	-	-	-
SERVICES -----	99,093	2.14	2.03	1.70- 2.65	2814	32851	11362	12728	7315	5555	12937	4072	8776	431	89	101	11	-	53	-	-	-	-
JANITORS, PORTERS, AND CLEANERS (WOMEN) -----	82,058	2.13	2.06	1.72- 2.50	964	25451	10354	10674	4898	11437	12135	2728	1464	982	694	244	10	23	-	-	-	-	-
MANUFACTURING -----	10,829	2.57	2.61	2.14- 2.98	-	1092	983	833	960	1477	1643	1260	886	920	568	196	10	2	-	-	-	-	-
NONMANUFACTURING -----	71,229	2.07	2.01	1.70- 2.46	964	24359	9371	9841	3937	9960	10491	1469	580	62	126	48	-	21	-	-	-	-	-
PUBLIC UTILITIES ⁵ -----	3,999	2.38	2.35	2.07- 2.68	6	275	409	708	700	703	362	462	281	12	72	9	-	-	-	-	-	-	-
WHOLESALE TRADE -----	836	2.20	2.02	1.77- 2.50	-	258	147	92	60	115	21	17	50	10	35	32	-	-	-	-	-	-	-
RETAIL TRADE -----	4,630	1.89	1.83	1.67- 2.06	127	2000	1032	713	281	223	155	91	8	-	-	-	-	-	-	-	-	-	-
FINANCE ⁶ -----	17,726	2.14	2.15	1.84- 2.45	416	3617	2296	3533	1673	3458	2240	455	23	10	2	2	-	-	-	-	-	-	-
SERVICES -----	44,038	2.02	1.89	1.68- 2.47	415	18210	5488	4795	1222	5463	7713	443	218	30	17	5	-	21	-	-	-	-	-
LABORERS, MATERIAL HANDLING -----	241,930	3.01	3.06	2.44- 3.60	19	12420	14209	15466	14796	16562	18448	21280	22483	20956	24915	24302	18093	9415	5486	1458	342	558	720
MANUFACTURING -----	131,353	2.93	2.97	2.47- 3.43	-	4400	6956	8227	8587	12205	13071	14905	16194	11344	14823	11076	5350	1197	668	817	271	542	720
NONMANUFACTURING -----	110,577	3.09	3.28	2.36- 3.78	19	8020	7253	7240	6209	4357	5377	6376	6290	9612	10092	13226	12743	8218	4818	641	71	16	-
PUBLIC UTILITIES ⁵ -----	45,826	3.62	3.74	3.40- 4.01	-	359	824	820	782	598	579	1248	1987	4249	4855	8299	9215	6633	4739	629	4	-	-
WHOLESALE TRADE -----	34,707	2.76	2.81	2.07- 3.43	-	4049	3440	2728	2755	1404	2845	3201	2042	3160	2647	3315	2144	916	26	-	37	-	-
RETAIL TRADE -----	28,497	2.67	2.60	2.04- 3.31	15	3483	2848	3363	2375	2203	1804	1895	2159	2162	2460	1610	1342	668	53	12	30	16	-
SERVICES -----	1,500	2.45	2.29	2.07- 2.77	4	109	140	325	292	144	147	29	100	40	124	3	42	-	-	-	-	-	-
ORDER FILLERS -----	91,151	3.06	3.14	2.55- 3.62	-	2835	3763	4707	6534	6634	5930	7865	10233	8917	9596	12228	8188	2198	681	272	193	202	175
MANUFACTURING -----	26,775	3.05	3.06	2.62- 3.49	-	460	653	1297	1906	2135	2335	3290	3940	2564	2836	2408	1800	354	253	256	63	72	154
NONMANUFACTURING -----	64,376	3.07	3.19	2.53- 3.66	-	2375	3110	3411	4627	4499	3596	4575	6293	6351	6760	9820	6388	1844	428	16	130	130	21
PUBLIC UTILITIES ⁵ -----	1,889	3.31	3.52	2.92- 3.74	-	-	-	36	178	104	57	190	170	151	195	646	102	41	21	-	-	-	-
WHOLESALE TRADE -----	43,852	3.03	3.15	2.49- 3.64	-	1925	2347	2424	3108	3214	2295	3162	4321	4266	4857	6180	4177	1391	97	5	4	60	21
RETAIL TRADE -----	18,108	3.13	3.25	2.59- 3.70	-	448	725	912	1328	1164	1216	1169	1699	1852	1665	2987	2015	412	310	11	126	70	-
PACKERS, SHIPPING -----	55,705	2.90	2.94	2.39- 3.43	-	1910	3206	4747	4180	4415	5284	6544	6050	4443	5356	6511	1641	497	384	124	188	71	153
MANUFACTURING -----	39,321	2.92	2.95	2.46- 3.40	-	989	2049	3001	2834	2853	4133	5261	5056	3351	4304	3294	908	373	381	123	188	71	153
NONMANUFACTURING -----	16,384	2.86	2.84	2.24- 3.60	-	921	1158	1747	1346	1562	1151	1283	994	1091	1053	3217	733	124	3	1	-	-	-
WHOLESALE TRADE -----	13,231	2.93	2.98	2.29- 3.65	-	652	878	1355	1036	892	875	1009	820	934	938	3080	637	123	1	1	-	-	-
RETAIL TRADE -----	2,442	2.54	2.45	2.08- 2.98	-	254	231	370	276	293	269	154	132	147	82	137	96	1	-	-	-	-	-
PACKERS, SHIPPING (WOMEN) -----	22,396	2.48	2.41	2.04- 2.88	-	2140	2855	3012	3042	2748	2076	2425	1407	914	933	690	32	17	29	26	42	2	4
MANUFACTURING -----	17,002	2.51	2.43	2.09- 2.91	-	1308	1924	2508	2357	2160	1417	1991	935	849	785	621	31	14	29	26	42	2	4
NONMANUFACTURING -----	5,394	2.36	2.33	1.93- 2.77	-	833	932	505	685	587	658	434	472	66	149	69	1	3	-	-	-	-	-
WHOLESALE TRADE -----	1,978	2.40	2.31	1.95- 2.78	-	270	383	207	274	184	207	125	140	6	127	54	-	2	-	-	-	-	-
RETAIL TRADE -----	3,149	2.34	2.32	1.91- 2.78	-	527	526	285	405	282	392	300	333	60	22	15	1	1	-	-	-	-	-

See footnotes at end of table.

Table A-16. Custodial and material movement occupations—United States—Continued

(Average straight-time hourly earnings for selected occupations by industry division in all metropolitan areas, February 1970¹)

Occupation ² and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																		
		Mean ⁴	Median ⁴	Middle range ⁴	Under \$ 1.60	\$ 1.60 and under	\$ 1.80	\$ 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 and over
					1.80	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	over	
RECEIVING CLERKS -----	26,439	\$ 3.14	\$ 3.19	\$ 2.70- 3.64	4	118	526	1257	1450	2061	2295	2705	3046	3157	2585	3237	2391	943	354	181	16	22	91
MANUFACTURING -----	13,176	3.23	3.25	2.84- 3.67	-	7	161	287	495	955	1122	1529	1609	1718	1197	1988	1362	390	194	94	3	6	61
NONMANUFACTURING -----	13,263	3.06	3.12	2.57- 3.57	4	111	365	971	955	1105	1173	1177	1436	1439	1388	1249	1029	553	161	87	13	16	30
PUBLIC UTILITIES ⁵ -----	648	3.47	3.46	3.19- 3.87	-	-	-	5	10	19	47	34	51	58	201	45	53	96	29	-	-	-	-
WHOLESALE TRADE -----	5,687	3.08	3.12	2.55- 3.68	-	56	168	453	360	546	506	464	533	470	541	639	617	148	84	65	10	-	29
RETAIL TRADE -----	6,469	3.01	3.07	2.55- 3.47	-	54	196	465	544	508	586	609	810	848	584	522	352	304	48	22	3	16	1
SERVICES -----	423	2.94	2.99	2.52- 3.41	4	1	1	45	39	30	32	62	38	59	62	38	7	5	-	-	-	-	-
SHIPPING CLERKS -----	16,014	3.26	3.26	2.86- 3.69	-	17	77	257	729	1080	1301	1639	2295	1883	1897	1946	1528	787	279	176	64	28	32
MANUFACTURING -----	10,398	3.25	3.24	2.86- 3.65	-	4	31	104	481	735	878	1203	1475	1274	1299	1197	738	551	184	129	57	28	31
NONMANUFACTURING -----	5,616	3.27	3.31	2.87- 3.76	-	13	45	155	249	345	423	436	820	609	599	749	790	237	94	47	7	-	1
WHOLESALE TRADE -----	3,995	3.28	3.32	2.88- 3.77	-	12	36	115	153	271	249	361	557	421	400	526	609	165	82	32	7	-	-
RETAIL TRADE -----	1,300	3.24	3.29	2.90- 3.67	-	1	10	37	74	59	110	66	228	173	153	143	171	52	12	11	-	-	1
SHIPPING AND RECEIVING CLERKS -----	19,210	3.24	3.28	2.82- 3.70	-	83	223	495	809	1315	1732	1590	2304	2434	2621	1916	2017	816	435	189	67	116	48
MANUFACTURING -----	11,666	3.24	3.27	2.86- 3.65	-	21	153	300	436	745	888	1110	1563	1626	1592	1245	1184	325	202	117	13	99	48
NONMANUFACTURING -----	7,544	3.26	3.31	2.75- 3.76	-	62	70	194	373	570	845	481	741	808	1030	671	832	491	233	72	54	17	-
PUBLIC UTILITIES ⁵ -----	702	3.55	3.57	3.24- 3.94	-	-	-	4	42	23	4	61	28	87	123	56	118	74	39	29	9	5	-
WHOLESALE TRADE -----	3,915	3.27	3.32	2.75- 3.76	-	14	22	112	141	306	525	204	399	432	514	356	472	183	175	17	39	4	-
RETAIL TRADE -----	2,376	3.18	3.26	2.66- 3.71	-	42	44	73	144	205	255	150	211	193	361	225	216	219	13	19	6	1	-
SERVICES -----	507	3.09	3.07	2.76- 3.34	-	6	2	2	44	30	61	66	96	92	29	24	20	15	6	7	-	7	-
TRUCKDRIVERS ⁷ -----	286,893	3.62	3.91	3.23- 4.10	272	5065	7125	8439	9308	9149	9103	8136	12864	13700	16483	20498	65599	44842	34708	16052	2025	1100	2428
MANUFACTURING -----	70,659	3.50	3.63	2.94- 4.02	-	842	1971	2351	2998	3257	3672	3563	4706	5567	5137	7515	10760	7426	3565	2656	1589	805	2280
NONMANUFACTURING -----	216,234	3.66	3.94	3.40- 4.13	272	4223	5155	6088	6309	5892	5431	4573	8159	8134	11346	12983	54839	37416	31144	13396	436	295	145
PUBLIC UTILITIES ⁵ -----	124,124	3.94	4.00	3.91- 4.23	-	17	281	918	1503	2159	792	984	2234	2142	3776	5486	42151	26326	25564	9704	62	-	24
WHOLESALE TRADE -----	56,894	3.33	3.50	2.69- 4.01	-	2353	2963	2729	2697	2187	2835	2020	3440	3754	4704	4329	8226	7026	4798	2586	102	120	27
RETAIL TRADE -----	27,415	3.18	3.39	2.38- 3.94	154	1606	1662	1905	1645	1169	1381	1163	1743	1325	2214	2387	3484	3448	558	1074	251	175	74
SERVICES -----	7,584	3.15	3.28	2.60- 3.79	118	245	245	516	421	356	405	381	734	905	623	770	964	609	219	32	21	-	20
TRUCKDRIVERS, LIGHT (UNDER 1-1/2 TONS) -----	29,035	2.97	2.94	2.21- 3.79	249	2056	2448	2375	2140	2177	1850	1672	2160	2077	1664	968	2862	1470	1292	1486	12	31	45
MANUFACTURING -----	8,190	3.20	3.19	2.61- 3.84	-	221	281	368	531	632	598	631	866	673	644	522	663	414	927	164	1	31	25
NONMANUFACTURING -----	20,845	2.87	2.76	2.08- 3.70	249	1834	2167	2008	1610	1545	1252	1042	1294	1404	1020	446	2199	1056	365	1322	11	-	20
PUBLIC UTILITIES ⁵ -----	4,162	3.72	3.87	3.43- 4.17	-	5	134	15	87	138	68	113	144	320	440	116	915	871	245	550	1	-	-
WHOLESALE TRADE -----	8,937	2.64	2.46	2.00- 3.08	-	911	1314	1139	810	916	637	659	597	459	207	95	280	148	15	750	-	-	-
RETAIL TRADE -----	3,938	2.40	2.23	1.84- 2.91	154	688	530	491	450	280	309	127	212	202	122	59	292	1	20	-	-	-	-
SERVICES -----	3,646	2.97	3.15	2.27- 3.74	95	228	185	352	238	190	220	122	335	416	225	170	706	30	81	22	10	-	20
TRUCKDRIVERS, MEDIUM (1-1/2 TO AND INCLUDING 4 TONS) -----	90,421	3.46	3.80	2.95- 3.99	22	2003	3506	3551	4066	3804	3349	3120	5336	4832	5880	5868	23702	9099	9503	1728	283	94	675
MANUFACTURING -----	21,371	3.37	3.46	2.71- 3.90	-	369	932	924	1413	1034	1200	1308	1500	1556	1290	1966	3985	1460	469	955	267	91	648
NONMANUFACTURING -----	69,050	3.49	3.88	3.04- 4.00	22	1634	2574	2627	2653	2770	2150	1811	3836	3276	4590	3902	19717	7639	9033	773	16	3	24
PUBLIC UTILITIES ⁵ -----	36,195	3.84	3.96	3.84- 4.15	-	6	120	389	410	1168	285	455	1220	729	2002	1437	15036	4829	7610	472	2	-	24
WHOLESALE TRADE -----	20,475	3.20	3.42	2.46- 3.94	-	1192	1461	1044	1121	821	1194	441	1353	1370	1667	1478	3813	2091	1166	249	13	3	-
RETAIL TRADE -----	9,219	2.83	2.84	2.17- 3.48	-	417	932	1035	935	637	492	691	884	709	535	672	692	398	135	51	1	-	-
SERVICES -----	3,140	3.22	3.28	2.86- 3.68	22	18	60	151	182	144	180	225	379	468	380	313	176	322	122	-	-	-	-
TRUCKDRIVERS, HEAVY (OVER 4 TONS, TRAILER TYPE) -----	102,658	3.88	4.00	3.79- 4.22	-	498	355	1183	1099	1969	1781	1808	2542	2901	4354	7356	25599	23234	16360	10461	667	310	181
MANUFACTURING -----	16,468	3.57	3.75	3.19- 4.06	-	167	206	399	361	791	563	790	882	1307	1564	1730	2785	2658	1094	766	273	25	111
NONMANUFACTURING -----	86,190	3.94	4.02	3.88- 4.24	-	332	149	784	738	1178	1219	1018	1660	1595	2791	5626	22814	20576	15267	9695	394	285	70
PUBLIC UTILITIES ⁵ -----	58,823	4.03	4.05	3.94- 4.28	-	6	20	444	452	759	230	248	340	205	378	2535	17963	15082	12100	8002	59	-	-
WHOLESALE TRADE -----	17,852	3.74	3.91	3.44- 4.16	-	109	56	220	256	276	582	564	851	1081	1523	1866	3159	3250	2786	1078	85	110	-
RETAIL TRADE -----	9,329	3.72	3.91	3.48- 4.11	-	218	73	119	30	135	407	200	466	299	880	1205	1625	2193	381	605	250	175	70

See footnotes at end of table.

Table A-16. Custodial and material movement occupations—United States—Continued

(Average straight-time hourly earnings for selected occupations by industry division in all metropolitan areas, February 1970¹)

Occupation ² and industry division	Number of workers	Hourly earnings ³			Number of workers receiving straight-time hourly earnings of—																		
		Mean ⁴	Median ⁴	Middle range ⁴	Under \$ 1.60	\$ 1.60 and under	\$ 1.80	\$ 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
					1.80	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	over	
TRUCKDRIVERS ⁷ - CONTINUED																							
TRUCKDRIVERS, HEAVY (OVER 4 TONS, OTHER THAN TRAILER TYPE) -----	36,555	3.72	3.90	3.29- 4.16	-	250	586	753	1121	924	1821	1037	1580	1811	2519	3424	6207	6089	3789	1896	797	639	1311
MANUFACTURING -----	16,887	3.66	3.73	3.03- 4.12	-	56	479	631	639	755	1117	455	776	1131	1030	2019	1932	1972	479	714	793	632	1280
NONMANUFACTURING -----	19,668	3.77	3.95	3.56- 4.17	-	195	107	122	483	170	705	582	805	682	1489	1405	4275	4117	3310	1182	4	7	31
PUBLIC UTILITIES ⁵ -----	10,079	3.93	4.00	3.85- 4.23	-	-	-	64	15	70	194	115	278	95	377	611	3243	2150	2613	255	-	-	-
WHOLESALE TRADE -----	6,275	3.62	3.82	3.20- 4.08	-	32	44	36	301	57	406	316	371	566	450	515	762	1201	672	509	4	7	27
RETAIL TRADE -----	3,212	3.57	3.67	3.19- 4.15	-	163	63	9	153	36	104	126	156	12	654	279	251	765	21	418	-	-	4
TRUCKERS, POWER (FORKLIFT) -----					-	724	2948	2889	4239	5163	8674	11071	13022	16660	15114	22520	14162	2736	1784	440	305	95	517
MANUFACTURING -----	97,334	3.25	3.31	2.90- 3.65	-	462	2052	1873	3456	4146	7363	9361	11157	14297	13038	17867	8880	1283	887	351	260	84	517
NONMANUFACTURING -----	25,727	3.35	3.57	2.91- 3.85	-	262	896	1016	783	1018	1311	1711	1865	2362	2076	4653	5282	1453	896	89	45	11	-
PUBLIC UTILITIES ⁵ -----	7,379	3.52	3.76	3.16- 3.96	-	20	175	330	249	255	87	376	428	566	205	1205	2167	528	713	75	-	-	-
WHOLESALE TRADE -----	11,597	3.26	3.46	2.85- 3.74	-	172	496	478	353	380	673	905	904	1223	1142	2536	1705	597	25	9	-	-	-
RETAIL TRADE -----	6,527	3.32	3.51	2.86- 3.85	-	69	225	195	175	317	537	411	506	548	700	912	1410	312	156	-	43	11	-
TRUCKERS, POWER (OTHER THAN FORKLIFT) -----					-	110	205	314	328	393	593	994	1823	2089	1986	2983	1397	394	136	321	15	5	133
MANUFACTURING -----	12,717	3.38	3.47	3.11- 3.75	-	57	199	227	328	379	532	824	1465	1857	1845	2872	1204	382	110	286	15	3	133
NONMANUFACTURING -----	1,502	3.22	3.20	2.99- 3.60	-	53	6	87	-	14	61	171	358	233	141	111	193	12	26	35	-	2	-
PUBLIC UTILITIES ⁵ -----	788	3.08	3.14	2.93- 3.37	-	22	6	84	-	11	16	97	225	156	83	46	-	8	-	35	-	-	-

¹ Average month of reference. Data were collected during the period July 1969 through June 1970.² Data limited to men workers except where otherwise indicated.³ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.⁴ For definition of terms, see footnote 3, table A-1.⁵ Transportation, communication, and other public utilities.⁶ Finance, insurance, and real estate.⁷ Includes all drivers, as defined, regardless of size and type of truck operated.

Table A-17. Custodial and material movement occupations—Northeast

(Average straight-time hourly earnings for selected occupations by industry division in the Northeast, ¹ February 1970²)

Occupation ³ and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																		
		Mean ⁵	Median ⁵	Middle range ⁵	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
					Under	1.60	1.80	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
					1.60	and under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					1.80	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	over	
GUARDS AND WATCHMEN -----	42,878	2.48	2.34	1.87- 3.14	19	8142	6402	5027	2290	1758	2312	2418	7681	3499	1372	1268	475	134	53	24	2	1	3
MANUFACTURING -----	11,040	2.90	2.94	2.52- 3.29	-	371	332	643	895	991	1197	1551	1208	1961	685	780	270	84	40	23	2	1	3
NONMANUFACTURING -----	31,838	2.33	2.07	1.80- 3.11	19	7770	6070	4384	1397	767	1115	867	6473	1538	683	488	205	50	13	1	-	-	-
GUARDS: -----																							
MANUFACTURING -----	7,527	3.08	3.15	2.78- 3.38	-	77	63	192	300	550	806	1115	918	1772	662	734	252	60	26	-	-	-	-
WATCHMEN: -----																							
MANUFACTURING -----	3,513	2.52	2.46	2.14- 2.87	-	294	269	451	594	441	390	437	289	189	27	46	18	24	14	23	2	1	3

See footnotes at end of table.

Table A-17. Custodial and material movement occupations—Northeast—Continued

(Average straight-time hourly earnings for selected occupations by industry division in the Northeast, ¹ February 1970²)

Occupation ³ and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																					
		Mean ⁵	Median ⁵	Middle range ⁵	Under \$1.60	\$1.60 and under	\$1.80	\$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 and over			
					\$1.60																					
					1.60	2.00	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	4.00	4.20	4.40	4.60	4.80	5.00	over					
JANITORS, PORTERS, AND CLEANERS -----	80,216	2.55	2.61	2.11- 2.98	144	4547	7614	11333	8023	7791	14919	6368	13590	3090	2063	370	235	5	30	76	-	-	18			
MANUFACTURING -----	29,278	2.67	2.69	2.36- 2.99	-	864	1378	2587	3138	4380	6478	3250	3556	2095	1162	123	155	2	18	76	-	-	18			
NONMANUFACTURING -----	50,939	2.48	2.53	2.05- 2.97	144	3685	6236	8746	4886	3411	8441	3118	10034	995	901	247	80	3	12	-	-	-	-			
PUBLIC UTILITIES ⁶ -----	4,783	2.97	2.99	2.78- 3.22	-	26	14	107	389	330	373	1246	1054	513	471	201	51	-	10	-	-	-	-			
WHOLESALE TRADE -----	1,462	2.53	2.51	2.17- 2.97	-	51	114	251	259	200	182	48	176	111	59	9	2	-	-	-	-	-	-			
RETAIL TRADE -----	6,122	2.22	2.14	1.92- 2.49	90	735	1242	1368	890	735	305	274	328	49	86	16	5	2	-	-	-	-	-			
FINANCE ⁷ -----	7,999	2.76	2.85	2.49- 3.07	-	139	224	703	590	855	1168	811	2866	317	278	21	22	1	2	-	-	-	-			
SERVICES -----	30,572	2.38	2.30	2.00- 2.78	54	2734	4643	6317	2759	1291	6411	741	5610	5	6	-	-	-	-	-	-	-	-			
JANITORS, PORTERS, AND CLEANERS (WOMEN) -----	31,342	2.25	2.33	1.91- 2.63	23	4926	4830	4035	2241	4055	10093	503	373	147	64	51	-	-	-	-	-	-	-			
MANUFACTURING -----	2,914	2.46	2.47	2.17- 2.75	-	222	231	320	447	504	564	268	181	144	30	5	-	-	-	-	-	-	-			
NONMANUFACTURING -----	28,429	2.23	2.28	1.89- 2.63	23	4704	4600	3716	1795	3552	9529	237	192	3	34	46	-	-	-	-	-	-	-			
PUBLIC UTILITIES ⁶ -----	1,239	2.47	2.45	2.29- 2.64	-	14	102	109	175	457	185	61	114	-	14	7	-	-	-	-	-	-	-			
RETAIL TRADE -----	1,042	1.94	1.87	1.73- 2.10	2	388	278	168	98	52	34	20	2	-	-	-	-	-	-	-	-	-	-			
FINANCE ⁷ -----	7,906	2.22	2.19	1.99- 2.61	-	469	1579	2001	1261	324	2160	99	7	1	2	2	-	-	-	-	-	-	-			
SERVICES -----	18,059	2.24	2.44	1.84- 2.64	21	3777	2623	1429	241	2696	7149	56	45	-	16	5	-	-	-	-	-	-	-			
LABORERS, MATERIAL HANDLING -----	62,199	3.04	3.07	2.50- 3.60	-	901	2459	4060	5150	5393	5179	5874	5335	6318	5916	7939	4980	978	396	157	118	449	597			
MANUFACTURING -----	34,825	2.92	2.84	2.43- 3.30	-	197	1374	2665	3595	4289	4220	4406	3748	2944	2420	1506	1486	652	54	153	88	433	597			
NONMANUFACTURING -----	27,374	3.20	3.44	2.80- 3.69	-	704	1085	1396	1555	1104	960	1468	1587	3374	3495	6434	3495	327	341	4	30	16	-			
PUBLIC UTILITIES ⁶ -----	12,516	3.64	3.67	3.56- 3.81	-	-	-	89	101	16	-	57	144	1549	1899	5229	2871	224	340	-	-	-	-			
WHOLESALE TRADE -----	7,260	3.01	3.14	2.59- 3.46	-	170	275	299	807	279	496	776	711	1263	976	784	412	12	-	-	-	-	-			
RETAIL TRADE -----	7,247	2.67	2.60	2.08- 3.22	-	518	792	947	605	761	422	611	727	547	546	417	211	91	1	4	30	16	-			
ORDER FILLERS -----	22,242	3.04	3.07	2.63- 3.51	-	211	452	1189	1848	1694	1668	2629	3691	2496	2318	2205	1068	242	68	138	138	118	68			
MANUFACTURING -----	7,846	2.89	2.88	2.44- 3.21	-	152	230	609	780	756	757	1048	1536	613	662	184	144	60	55	125	28	58	47			
NONMANUFACTURING -----	14,396	3.12	3.16	2.76- 3.58	-	58	222	580	1067	939	911	1581	2155	1883	1656	2021	923	182	13	13	110	60	21			
WHOLESALE TRADE -----	9,209	3.06	3.07	2.67- 3.53	-	49	152	412	748	740	681	1197	1272	1213	1263	832	419	143	-	3	4	60	21			
RETAIL TRADE -----	4,402	3.29	3.37	3.03- 3.67	-	9	56	154	246	136	188	197	776	517	376	1082	497	39	13	10	106	-	-			
PACKERS, SHIPPING -----	18,301	2.76	2.77	2.30- 3.15	-	237	1087	2393	1937	1751	2076	2607	2256	1672	1208	514	278	27	26	49	21	46	116			
MANUFACTURING -----	13,345	2.76	2.78	2.31- 3.15	-	164	766	1755	1337	1242	1585	1914	1838	1171	765	401	131	15	26	49	21	46	116			
NONMANUFACTURING -----	4,956	2.74	2.75	2.30- 3.19	-	73	321	638	600	509	491	694	418	501	439	113	147	12	-	-	-	-	-			
WHOLESALE TRADE -----	3,818	2.81	2.83	2.33- 3.26	-	8	244	470	431	330	350	487	332	479	428	106	141	11	-	-	-	-	-			
RETAIL TRADE -----	908	2.45	2.43	2.14- 2.75	-	60	60	154	148	148	141	92	62	18	10	7	6	1	-	-	-	-	-			
PACKERS, SHIPPING (WOMEN) -----	5,347	2.32	2.23	1.96- 2.61	-	459	1151	986	758	611	504	282	313	163	85	20	5	1	3	6	-	-	-			
MANUFACTURING -----	3,881	2.34	2.23	2.00- 2.62	-	272	716	867	585	401	370	155	282	161	44	15	4	-	3	6	-	-	-			
NONMANUFACTURING -----	1,466	2.27	2.19	1.93- 2.57	-	188	436	118	173	210	134	127	31	2	41	5	1	1	-	-	-	-	-			
RETAIL TRADE -----	849	2.22	2.26	1.84- 2.48	-	186	133	75	148	147	76	67	7	2	2	5	1	1	-	-	-	-	-			
RECEIVING CLERKS -----	8,003	3.07	3.08	2.70- 3.44	3	4	98	430	451	636	909	1054	1237	1053	581	599	534	212	71	46	11	14	58			
MANUFACTURING -----	3,911	3.07	3.05	2.71- 3.40	-	-	48	105	210	367	504	589	615	494	235	286	325	78	21	2	-	-	29			
NONMANUFACTURING -----	4,092	3.08	3.11	2.67- 3.46	3	4	50	326	242	270	405	464	622	559	342	314	209	134	50	44	11	14	29			
WHOLESALE TRADE -----	1,710	3.20	3.17	2.76- 3.65	-	-	-	102	82	86	223	177	241	179	171	183	125	19	45	40	10	-	29			
RETAIL TRADE -----	2,035	2.94	3.03	2.51- 3.28	-	4	50	194	150	176	164	226	348	344	159	89	59	49	5	4	1	14	-			
SHIPPING CLERKS -----	5,619	3.13	3.10	2.78- 3.52	-	10	52	69	313	419	619	810	1017	616	536	401	470	127	60	74	24	6	-			
MANUFACTURING -----	3,561	3.07	3.01	2.74- 3.41	-	-	22	41	234	322	486	653	548	357	313	286	118	89	27	44	17	6	-			
NONMANUFACTURING -----	2,058	3.25	3.22	2.98- 3.70	-	10	31	28	79	97	133	156	470	257	223	115	352	38	34	30	7	-	-			
WHOLESALE TRADE -----	1,452	3.27	3.21	3.00- 3.80	-	9	26	9	35	69	80	130	355	193	119	64	273	26	29	29	7	-	-			
RETAIL TRADE -----	523	3.18	3.19	2.77- 3.62	-	1	5	19	43	26	47	23	102	52	68	50	70	12	5	1	-	-	-			
SHIPPING AND RECEIVING CLERKS -----	5,714	3.07	3.12	2.65- 3.46	-	33	108	195	422	491	627	485	894	824	636	455	203	158	84	60	26	5	10			
MANUFACTURING -----	3,558	3.06	3.13	2.67- 3.43	-	-	61	132	229	314	367	303	648	548	440	225	94	106	40	31	12	-	-			
NONMANUFACTURING -----	2,156	3.08	3.11	2.62- 3.56	-	33	48	62	193	176	260	182	246	276	197	231	109	53	44	29	14	5	-			
WHOLESALE TRADE -----	812	3.21	3.31	2.72- 3.70	-	14	20	20	12	78	108	25	93	132	43	142	52	32	26	6	11	-	-			
RETAIL TRADE -----	911	2.96	3.00	2.49- 3.46	-	19	28	41	111	68	102	87	83	106	136	85	38	1	-	7	-	-	-			

See footnotes at end of table.

Table A-17. Custodial and material movement occupations—Northeast—Continued

(Average straight-time hourly earnings for selected occupations by industry division in the Northeast, ¹ February 1970 ²)

Occupation ³ and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																			
		Mean ⁵	Median ⁵	Middle range ⁵	Under \$ 1.60	\$ 1.60 and under	\$ 1.80	\$ 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	over
TRUCKDRIVERS ⁸ -----	75,804	3.78	3.92	3.54- 4.08	-	15	259	745	1599	1902	1980	2181	3401	3795	4834	5311	23960	11582	8135	3745	206	421	1733	-
MANUFACTURING -----	19,361	3.69	3.80	3.12- 4.04	-	3	34	205	728	884	910	1129	1524	1818	1162	1292	4079	2545	355	513	86	412	1679	-
NONMANUFACTURING -----	56,443	3.80	3.94	3.67- 4.09	-	12	225	540	871	1018	1070	1052	1878	1977	3673	4019	19881	9036	7780	3232	120	9	51	-
PUBLIC UTILITIES ⁶ -----	34,483	3.96	3.98	3.88- 4.17	-	-	-	6	9	500	24	116	229	509	1148	1504	15690	6591	7334	796	2	-	24	-
WHOLESALE TRADE -----	15,377	3.62	3.80	3.24- 4.04	-	12	125	187	526	334	799	626	1051	1092	1362	1596	3087	2284	370	1877	14	9	27	-
RETAIL TRADE -----	5,046	3.47	3.59	3.06- 3.95	-	-	98	255	243	107	187	229	436	149	883	585	1034	149	54	537	104	-	-	-
SERVICES -----	1,482	3.21	3.34	2.95- 3.64	-	-	-	93	91	73	51	70	161	228	273	331	64	9	16	22	-	-	-	-
TRUCKDRIVERS, LIGHT (UNDER 1-1/2 TONS) -----	5,849	3.21	3.17	2.64- 3.76	-	12	129	388	377	444	622	407	677	532	511	333	234	327	79	779	1	-	-	-
MANUFACTURING -----	2,141	3.11	3.04	2.62- 3.67	-	-	30	96	180	212	278	193	373	86	72	142	114	285	75	3	1	-	-	-
NONMANUFACTURING -----	3,708	3.27	3.27	2.65- 3.85	-	12	99	292	198	232	343	214	304	445	439	190	120	42	4	776	-	-	-	-
WHOLESALE TRADE -----	1,854	3.45	3.55	2.61- 4.44	-	12	45	180	75	138	238	88	86	48	35	77	43	40	-	750	-	-	-	-
RETAIL TRADE -----	522	2.66	2.65	2.11- 3.07	-	-	54	79	62	36	76	52	79	1	63	4	15	-	-	-	-	-	-	-
TRUCKDRIVERS, MEDIUM (1-1/2 TO AND INCLUDING 4 TONS) -----	19,507	3.64	3.82	3.26- 3.98	-	3	119	314	663	519	695	698	1498	1160	1956	1533	6235	2249	816	363	24	26	634	-
MANUFACTURING -----	6,427	3.68	3.80	3.03- 3.98	-	3	3	104	354	337	310	406	475	416	462	342	1722	467	44	332	12	26	607	-
NONMANUFACTURING -----	13,080	3.62	3.84	3.40- 3.98	-	-	115	210	308	182	385	293	1023	744	1493	1191	4513	1782	772	31	12	-	24	-
PUBLIC UTILITIES ⁶ -----	5,596	3.93	3.95	3.86- 4.08	-	-	-	6	2	51	12	29	39	55	280	364	2995	1134	600	2	2	-	24	-
WHOLESALE TRADE -----	5,526	3.50	3.59	3.10- 3.93	-	-	81	-	113	45	299	158	731	508	850	641	1298	617	151	25	10	-	-	-
RETAIL TRADE -----	1,229	3.00	3.14	2.28- 3.53	-	-	34	156	160	46	41	71	205	134	156	16	157	31	20	4	-	-	-	-
TRUCKDRIVERS, HEAVY (OVER 4 TONS, TRAILER TYPE) -----	26,701	3.92	3.96	3.85- 4.17	-	-	-	-	137	534	227	417	468	706	545	1546	11249	4461	4423	1771	124	2	90	-
MANUFACTURING -----	4,167	3.71	3.84	3.31- 3.98	-	-	-	-	65	93	101	158	262	513	264	272	1550	594	72	112	20	-	90	-
NONMANUFACTURING -----	22,534	3.97	3.98	3.88- 4.22	-	-	-	-	72	442	126	258	206	193	281	1274	9699	3867	4351	1659	104	2	-	-
PUBLIC UTILITIES ⁶ -----	15,784	4.01	3.99	3.90- 4.25	-	-	-	-	414	-	-	-	-	-	-	357	7661	2449	4140	763	-	-	-	-
WHOLESALE TRADE -----	4,848	3.87	3.98	3.70- 4.11	-	-	-	-	72	22	124	216	82	188	213	396	1281	1297	177	779	-	2	-	-
RETAIL TRADE -----	1,884	3.83	3.90	3.65- 3.98	-	-	-	-	-	6	2	36	121	5	68	521	758	112	34	117	104	-	-	-
TRUCKDRIVERS, HEAVY (OVER 4 TONS, OTHER THAN TRAILER TYPE) -----	13,793	3.88	3.94	3.56- 4.23	-	-	10	22	359	246	332	427	455	778	1280	821	3034	2236	1810	788	32	369	793	-
MANUFACTURING -----	4,589	3.99	4.01	3.29- 4.65	-	-	-	5	116	205	135	185	247	405	256	194	463	1138	61	24	28	362	766	-
NONMANUFACTURING -----	9,204	3.83	3.92	3.59- 4.23	-	-	10	17	243	41	197	242	208	373	1024	628	2572	1098	1749	764	4	7	27	-
PUBLIC UTILITIES ⁶ -----	5,618	3.96	3.97	3.84- 4.23	-	-	-	-	4	12	7	8	42	76	290	421	2220	810	1702	25	-	-	-	-
WHOLESALE TRADE -----	2,230	3.55	3.61	3.03- 4.05	-	-	-	-	234	26	122	164	136	290	138	164	272	281	42	323	4	7	27	-
TRUCKERS, POWER (FORKLIFT) -----	27,767	3.24	3.25	2.87- 3.64	-	55	3	280	1197	1415	2624	3579	3851	3706	2907	4302	2437	772	268	36	47	17	273	-
MANUFACTURING -----	20,757	3.16	3.13	2.80- 3.49	-	55	1	227	1078	1324	2426	3196	3191	2749	2065	2438	914	563	195	36	7	17	273	-
NONMANUFACTURING -----	7,010	3.50	3.62	3.26- 3.81	-	-	2	53	119	91	198	384	660	957	837	1864	1524	209	72	-	40	-	-	-
PUBLIC UTILITIES ⁶ -----	2,341	3.70	3.73	3.61- 3.93	-	-	-	-	6	6	-	59	59	261	115	727	914	162	34	-	-	-	-	-
WHOLESALE TRADE -----	2,902	3.38	3.51	3.17- 3.65	-	-	2	5	80	28	101	231	337	586	485	764	284	1	-	-	-	-	-	-
RETAIL TRADE -----	1,697	3.46	3.59	3.06- 3.81	-	-	-	48	33	40	92	94	239	92	236	375	326	46	36	-	40	-	-	-
TRUCKERS, POWER (OTHER THAN FORKLIFT) -----	3,538	3.29	3.23	2.89- 3.68	-	-	-	5	180	126	249	488	608	431	395	276	526	128	41	46	7	4	28	-
MANUFACTURING -----	3,339	3.29	3.23	2.88- 3.69	-	-	-	5	180	126	249	475	509	418	348	256	522	128	41	46	7	2	28	-

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ Data limited to men workers except where otherwise indicated.⁴ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.⁵ For definition of terms, see footnote 3, table A-1.⁶ Transportation, communication, and other public utilities.⁷ Finance, insurance, and real estate.⁸ Includes all drivers, as defined, regardless of size and type of truck operated.

Table A-18. Custodial and material movement occupations—South

(Average straight-time hourly earnings for selected occupations by industry division in the South,¹ February 1970²)

Occupation ¹ and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																				
		Mean ⁵	Median ⁵	Middle range ⁵	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
					Under \$ 1.60	1.60 and under	1.70	1.80	1.90	2.00	2.10	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 and over	
GUARDS AND WATCHMEN -----	29,141	2.08	1.77	1.68- 2.31	214	8635	7670	1845	1131	1172	582	1032	747	1329	987	882	731	479	803	605	215	20	62	61	
MANUFACTURING -----	7,469	2.78	2.78	2.08- 3.46	-	364	606	407	252	316	331	580	420	519	551	520	603	368	787	569	198	20	61	1	
NONMANUFACTURING -----	21,672	1.84	1.73	1.66- 1.85	214	8271	7065	1438	879	856	251	453	327	810	436	361	130	112	16	35	17	-	1	1	
GUARDS: -----																									
MANUFACTURING -----	4,697	3.17	3.25	2.75- 3.69	-	12	33	27	49	142	169	329	226	311	444	452	547	368	776	557	182	16	59	2	
WATCHMEN: -----																									
MANUFACTURING -----	2,772	2.11	1.94	1.76- 2.39	-	352	573	380	203	174	162	250	194	208	108	69	56	-	11	12	16	4	2	2	
JANITORS, PORTERS, AND CLEANERS -----	68,208	1.98	1.80	1.67- 2.18	2835	21285	10162	6346	4064	4444	2535	4327	3223	2675	211C	1575	1028	1479	41	81	-	-	-	-	
MANUFACTURING -----	20,390	2.37	2.29	1.92- 2.77	-	1100	1687	2017	1599	1625	1227	2546	2049	1798	125C	1223	860	1336	22	52	-	-	-	-	
NONMANUFACTURING -----	47,818	1.81	1.71	1.65- 1.90	2835	20185	8474	4329	2465	2819	1308	1781	1174	877	86C	352	169	143	19	29	-	-	-	-	
PUBLIC UTILITIES ⁶ -----	3,707	2.49	2.47	2.13- 2.88	-	110	160	184	144	242	277	508	439	441	693	304	114	65	15	13	-	-	-	-	
WHOLESALE TRADE -----	1,602	2.08	2.01	1.78- 2.29	-	213	240	170	169	125	206	159	168	52	2C	11	33	33	4	-	-	-	-	-	
RETAIL TRADE -----	8,780	1.82	1.76	1.65- 2.00	1072	2337	1510	1119	572	863	326	403	268	119	12C	30	15	11	-	16	-	-	-	-	
FINANCE ⁷ -----	4,410	1.83	1.79	1.68- 1.96	69	1245	1020	802	299	383	190	315	52	28	5	4	-	-	-	-	-	-	-	-	
SERVICES -----	29,319	1.70	1.68	1.63- 1.77	1695	16280	5544	2053	1281	1208	310	398	246	238	23	3	6	34	-	-	-	-	-	-	
JANITORS, PORTERS, AND CLEANERS (WOMEN) -----	19,643	1.74	1.68	1.64- 1.78	416	11293	3670	1502	801	463	161	358	313	233	268	97	32	37	-	-	-	-	-	-	
MANUFACTURING -----	2,126	2.10	1.94	1.74- 2.44	-	369	368	237	238	156	45	127	175	188	93	75	32	24	-	-	-	-	-	-	
NONMANUFACTURING -----	17,517	1.70	1.68	1.64- 1.75	416	10924	3302	1265	563	307	116	231	138	45	175	21	-	13	-	-	-	-	-	-	
PUBLIC UTILITIES ⁶ -----	930	2.20	2.06	1.83- 2.60	6	112	99	52	139	96	20	115	57	29	165	21	-	13	-	-	-	-	-	-	
WHOLESALE TRADE -----	295	1.86	1.78	1.70- 1.89	-	76	85	65	1	10	3	8	41	6	-	-	-	-	-	-	-	-	-	-	
RETAIL TRADE -----	1,506	1.71	1.68	1.64- 1.79	57	842	263	172	51	50	23	27	6	10	6	-	-	-	-	-	-	-	-	-	
FINANCE ⁷ -----	3,073	1.68	1.68	1.63- 1.75	187	1750	721	205	59	46	48	49	10	-	-	-	-	-	-	-	-	-	-	-	
SERVICES -----	11,714	1.66	1.67	1.63- 1.72	165	8144	2134	771	314	105	22	32	25	-	-	-	-	-	-	-	-	-	-	-	
LABORERS, MATERIAL HANDLING -----	59,060	2.38	2.24	1.88- 2.80	16	4297	5921	5423	4468	4789	3099	5662	5231	5376	3593	4232	1860	2599	1550	771	77	-	98	98	
MANUFACTURING -----	31,078	2.43	2.35	1.94- 2.82	-	1226	2743	2980	2017	2274	1779	3028	3689	3307	1925	2514	1172	1537	547	178	63	-	98	98	
NONMANUFACTURING -----	27,982	2.32	2.12	1.83- 2.77	16	3071	3178	2443	2451	2514	1320	2633	1542	2069	1665	1718	687	1063	1003	594	15	-	-	-	
PUBLIC UTILITIES ⁶ -----	7,732	2.85	2.94	2.23- 3.54	-	132	227	325	490	388	286	565	445	492	901	871	385	759	928	522	14	-	-	-	
WHOLESALE TRADE -----	11,610	2.05	1.96	1.76- 2.26	-	1748	1969	1349	1332	1257	591	1199	557	752	323	225	121	159	30	2	-	-	-	-	
RETAIL TRADE -----	8,382	2.23	2.09	1.80- 2.64	12	1178	889	759	627	852	422	79C	540	807	441	622	182	146	45	70	1	-	-	-	
ORDER FILLERS -----	21,429	2.50	2.42	2.01- 2.91	7	1207	1110	1551	1376	1221	1291	2755	2779	1841	1488	1371	1188	723	590	615	252	38	33	33	
MANUFACTURING -----	4,714	2.68	2.56	2.23- 3.06	-	49	145	195	156	192	341	701	722	467	465	338	177	208	189	319	-	18	33	33	
NONMANUFACTURING -----	16,715	2.45	2.36	1.96- 2.85	-	1158	965	1356	1220	1030	951	2053	2057	1374	1022	1033	1011	516	401	296	252	20	-	-	
WHOLESALE TRADE -----	10,257	2.29	2.18	1.87- 2.58	-	1036	769	1145	940	705	711	1228	1257	645	391	385	425	81	251	288	-	-	-	-	
RETAIL TRADE -----	6,238	2.71	2.72	2.28- 3.17	-	122	195	207	278	293	232	712	755	718	629	647	586	435	150	8	252	20	-	-	
PACKERS, SHIPPING -----	9,996	2.46	2.30	1.95- 2.91	-	535	715	843	771	780	727	1154	1131	665	473	621	308	271	630	265	42	31	35	35	
MANUFACTURING -----	6,800	2.50	2.39	2.03- 2.95	-	201	383	587	400	465	489	926	849	57C	381	582	294	269	286	13	42	31	35	35	
NONMANUFACTURING -----	3,196	2.39	2.10	1.85- 2.69	-	334	333	256	372	315	238	225	283	94	93	39	14	2	344	252	-	-	-	-	
WHOLESALE TRADE -----	2,523	2.45	2.11	1.85- 2.97	-	250	277	213	268	243	176	165	206	42	62	14	11	-	344	252	-	-	-	-	
RETAIL TRADE -----	636	2.14	2.07	1.86- 2.47	-	83	56	35	95	70	60	59	71	50	25	25	3	2	-	-	-	-	-	-	
PACKERS, SHIPPING (WOMEN) -----	4,447	2.10	2.03	1.82- 2.26	-	487	480	583	489	680	401	72C	75	93	88	273	9	37	9	-	-	-	26	26	
MANUFACTURING -----	3,428	2.05	2.01	1.82- 2.21	-	384	352	523	375	563	356	617	43	30	62	71	5	12	9	-	-	-	26	26	
NONMANUFACTURING -----	1,020	2.27	2.09	1.84- 2.82	-	103	128	60	114	117	45	103	31	63	26	202	4	25	-	-	-	-	-	-	
RECEIVING CLERKS -----	5,868	2.79	2.67	2.30- 3.25	1	15	97	187	191	306	341	649	86C	758	492	412	305	358	454	221	95	62	65	65	
MANUFACTURING -----	2,461	3.03	2.93	2.52- 3.64	-	-	6	36	62	47	79	223	322	313	28C	158	132	148	345	142	67	41	62	62	
NONMANUFACTURING -----	3,408	2.62	2.55	2.18- 3.03	1	15	91	151	129	259	262	426	538	447	213	254	173	210	109	79	28	22	3	3	
WHOLESALE TRADE -----	1,524	2.45	2.41	2.12- 2.66	-	-	56	93	75	123	205	203	318	16C	92	71	25	37	-	59	4	6	-	-	
RETAIL TRADE -----	1,667	2.71	2.68	2.27- 3.20	-	14	35	58	53	123	52	209	205	235	112	158	129	153	95	13	10	10	3	3	
SHIPPING CLERKS -----	2,711	2.95	2.90	2.53- 3.32	-	4	3	10	9	79	91	246	396	402	287	311	322	147	133	134	69	43	25	25	
MANUFACTURING -----	1,682	3.06	3.01	2.60- 3.44	-	4	-	-	4	24	34	145	216	209	195	200	214	98	108	116	52	41	25	25	
NONMANUFACTURING -----	1,028	2.77	2.69	2.44- 3.14	-	-	3	10	5	56	57	101	181	193	92	112	108	49	26	18	17	2	-	-	
WHOLESALE TRADE -----	681	2.70	2.62	2.39- 3.01	-	-	3	10	-	42	5C	69	157	99	76	64	72	11	3	13	9	2	-	-	
RETAIL TRADE -----	259	2.94	3.07	2.61- 3.36	-	-	-	-	5	14	4	18	2C	45	15	44	36	36	21	3	-	-	-	-	

See footnotes at end of table.

Table A-18. Custodial and material movement occupations—South—Continued

(Average straight-time hourly earnings for selected occupations by industry division in the South,¹ February 1970²)

Occupation ³ and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																			
		Mean ⁵	Median ⁵	Middle range ⁵	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
					1.60	1.70	1.80	1.90	2.00	2.10	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	4.40	
					Under \$ 1.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
					1.70	1.80	1.90	2.00	2.10	2.20	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80	4.00	4.20	4.40	over		
SHIPPING AND RECEIVING CLERKS -----	3,022	\$ 2.94	\$ 2.89	\$ 2.53- 3.35	-	4	21	48	34	102	108	239	322	447	406	363	245	230	192	84	71	42	63	
MANUFACTURING -----	1,919	2.93	2.90	2.53- 3.32	-	-	21	46	30	72	56	144	194	252	298	236	139	128	162	57	28	2	54	
NONMANUFACTURING -----	1,104	2.95	2.86	2.53- 3.38	-	4	-	2	4	30	52	95	128	196	108	127	107	100	32	28	43	40	9	
WHOLESALE TRADE -----	743	2.87	2.72	2.47- 3.24	-	-	-	-	2	21	42	72	108	163	65	81	84	20	16	7	17	40	6	
TRUCKDRIVERS ⁸ -----	77,465	3.00	3.02	2.23- 3.91	261	1981	2868	3272	3138	4063	2865	6245	5927	4742	2928	4324	4133	4014	3801	15314	1574	5778	237	
MANUFACTURING -----	18,090	2.74	2.65	2.18- 3.29	-	251	573	803	1098	918	1129	1853	1931	1890	1170	1156	1282	974	1530	1085	211	111	127	
NONMANUFACTURING -----	59,376	3.08	3.19	2.25- 3.94	261	1730	2295	2469	2040	3145	1736	4392	3996	2852	1758	3168	2851	3041	2271	14229	1363	5667	110	
PUBLIC UTILITIES ⁶ -----	30,559	3.63	3.93	3.35- 3.99	-	6	11	188	93	493	404	1455	1576	680	670	1442	822	1577	964	13539	1052	5593	-	
WHOLESALE TRADE -----	16,000	2.45	2.30	1.92- 2.92	-	920	1404	1491	1181	1467	735	1718	1549	1233	466	794	717	1086	612	492	28	-	108	
RETAIL TRADE -----	10,089	2.50	2.31	1.92- 3.12	154	662	803	751	665	988	379	1030	637	814	406	531	854	374	491	198	283	68	2	
SERVICES -----	2,689	2.64	2.73	2.11- 3.20	107	142	74	38	99	192	211	172	234	126	215	403	460	5	205	-	-	6	-	
TRUCKDRIVERS, LIGHT (UNDER 1-1/2 TONS) -----	10,548	2.28	2.11	1.84- 2.58	239	828	1063	1229	827	1028	571	1022	1223	500	391	428	466	158	245	315	-	15	-	
MANUFACTURING -----	2,424	2.70	2.58	2.09- 3.26	-	75	133	146	89	188	48	249	318	136	206	172	114	84	181	282	-	3	-	
NONMANUFACTURING -----	8,124	2.16	2.04	1.81- 2.45	235	753	930	1083	738	840	523	773	905	364	187	255	352	75	64	33	-	12	-	
PUBLIC UTILITIES ⁶ -----	516	2.57	2.53	1.99- 2.94	-	-	5	67	67	9	6	72	89	33	56	15	23	51	-	10	-	12	-	
WHOLESALE TRADE -----	4,047	2.06	2.00	1.82- 2.30	-	270	624	728	416	496	275	416	585	109	47	80	2	-	-	-	-	-	-	
RETAIL TRADE -----	2,145	2.09	1.96	1.72- 2.29	154	342	233	252	161	225	48	230	118	140	42	44	116	20	-	23	-	-	-	
SERVICES -----	1,401	2.41	2.19	1.93- 3.11	85	141	66	34	93	106	194	50	113	81	40	116	212	4	64	-	-	-	-	
TRUCKDRIVERS, MEDIUM (1-1/2 TO AND INCLUDING 4 TONS) -----	33,055	2.99	2.99	2.21- 3.92	22	844	1108	1769	1432	1542	1417	2862	2665	1762	1193	1865	1725	1644	1061	6764	185	3067	126	
MANUFACTURING -----	6,334	2.67	2.51	2.12- 3.21	-	85	280	489	427	184	598	838	428	648	433	325	355	212	407	389	103	12	124	
NONMANUFACTURING -----	26,721	3.07	3.13	2.27- 3.94	22	759	828	1280	1006	1358	815	2025	2239	1114	760	1540	1372	1431	655	6376	82	3055	2	
PUBLIC UTILITIES ⁶ -----	14,689	3.65	3.93	3.38- 3.99	-	-	6	114	6	144	224	375	1089	230	281	836	427	1257	385	6281	41	2990	-	
WHOLESALE TRADE -----	6,373	2.21	2.13	1.86- 2.48	-	592	588	707	634	575	338	915	720	567	136	246	199	77	21	59	-	-	-	
RETAIL TRADE -----	4,404	2.44	2.26	1.97- 2.88	-	165	225	455	359	552	232	607	328	276	175	172	505	97	113	36	42	59	2	
TRUCKDRIVERS, HEAVY (OVER 4 TONS, TRAILER TYPE) -----	20,893	3.37	3.64	2.77- 3.96	-	114	384	68	286	784	374	891	1285	1226	880	1372	1039	1455	1056	6532	929	2105	111	
MANUFACTURING -----	3,274	2.69	2.60	2.23- 3.12	-	92	75	35	170	253	146	246	635	334	296	313	144	243	124	92	75	-	3	
NONMANUFACTURING -----	17,618	3.50	3.90	3.06- 3.98	-	23	309	33	116	531	228	645	651	894	585	1059	895	1212	932	6440	854	2105	108	
PUBLIC UTILITIES ⁶ -----	11,172	3.72	3.95	3.88- 4.00	-	6	-	-	20	270	174	452	341	225	246	298	178	169	157	5950	584	2100	-	
WHOLESALE TRADE -----	4,036	3.17	3.30	2.77- 3.61	-	15	94	-	56	175	42	163	207	305	212	462	479	789	533	367	28	-	108	
RETAIL TRADE -----	2,390	3.04	3.15	2.66- 3.61	-	2	216	33	40	86	11	30	93	362	126	299	231	254	237	123	242	5	-	
TRUCKDRIVERS, HEAVY (OVER 4 TONS, OTHER THAN TRAILER TYPE) -----	7,802	2.90	2.77	2.35- 3.49	-	43	207	154	417	358	341	712	659	1202	436	414	524	474	622	829	25	387	-	
MANUFACTURING -----	4,811	2.76	2.66	2.26- 3.27	-	-	56	127	347	270	330	492	546	730	235	183	471	271	519	127	10	96	-	
NONMANUFACTURING -----	2,991	3.13	3.05	2.61- 3.91	-	43	152	27	70	88	11	220	111	472	201	231	54	203	103	702	15	291	-	
TRUCKERS, POWER (FORKLIFT) -----	24,919	2.75	2.70	2.22- 3.22	-	171	494	987	1885	1139	1272	2430	2689	2527	2713	2151	2042	916	1283	1591	331	289	11	
MANUFACTURING -----	18,031	2.76	2.72	2.26- 3.24	-	75	330	665	1354	903	565	2054	1976	1790	1955	1540	1618	673	1101	1065	328	29	9	
NONMANUFACTURING -----	6,888	2.73	2.68	2.15- 3.18	-	96	164	322	530	236	707	375	714	737	757	612	423	242	182	526	3	260	2	
PUBLIC UTILITIES ⁶ -----	2,019	3.08	3.02	2.19- 3.94	-	20	-	31	144	35	295	72	181	41	171	131	91	10	86	449	2	259	-	
WHOLESALE TRADE -----	2,779	2.46	2.43	2.03- 2.84	-	37	135	165	305	162	311	209	340	317	286	269	128	8	56	50	-	-	-	
RETAIL TRADE -----	2,063	2.75	2.79	2.43- 3.19	-	40	29	126	81	32	95	88	186	378	296	211	204	224	40	27	1	1	-	
TRUCKERS, POWER (OTHER THAN FORKLIFT) -----	2,672	2.99	3.10	2.39- 3.57	-	53	57	124	81	113	157	93	138	156	193	516	228	127	285	183	81	25	63	
MANUFACTURING -----	2,290	3.06	3.14	2.45- 3.64	-	-	57	118	81	52	134	93	124	102	141	443	191	126	285	183	73	25	63	

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ Data limited to men workers except where otherwise indicated.⁴ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.⁵ For definition of terms, see footnote 3, table A-1.⁶ Transportation, communication, and other public utilities.⁷ Finance, insurance, and real estate.⁸ Includes all drivers, as defined, regardless of size and type of truck operated.

Table A-19. Custodial and material movement occupations—North Central

(Average straight-time hourly earnings for selected occupations by industry division in the North Central region, ¹ February 1970²)

Occupation ³ and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																			
		Mean ⁵	Median ⁵	Middle range ⁵	Under \$ 1.60	\$ 1.60 and under	\$ 1.80	\$ 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	and over
GUARDS AND WATCHMEN -----	34,951	2.69	2.55	1.96- 3.47	52	5773	3489	5384	1868	1281	1379	1717	1847	2161	3031	2416	2758	1592	123	33	9	-	39	-
MANUFACTURING -----	15,772	3.34	3.45	2.98- 3.80	-	142	140	365	467	753	972	1215	1265	1767	2683	2113	2410	1431	42	7	-	-	-	-
NONMANUFACTURING -----	19,179	2.15	2.03	1.76- 2.23	52	5631	3349	5020	1400	528	407	503	582	394	348	303	348	161	81	26	9	-	39	-
GUARDS: -----																								
MANUFACTURING -----	12,506	3.47	3.53	3.21- 3.87	-	1	10	173	283	263	502	806	992	1545	2346	1765	2366	1405	41	7	-	-	-	-
WATCHMEN: -----																								
MANUFACTURING -----	3,266	2.84	2.81	2.45- 3.30	-	141	130	192	185	490	471	408	273	222	337	348	44	26	1	-	-	-	-	-
JANITORS, PORTERS, AND CLEANERS ---	84,477	2.70	2.75	2.22- 3.20	1102	8463	4189	6608	6865	7795	10092	10104	8146	7364	10428	2251	865	138	63	1	-	-	-	4
MANUFACTURING -----	46,369	3.03	3.05	2.71- 3.43	-	363	575	1143	1839	3919	7459	6450	5676	6440	9852	1813	786	48	4	1	-	-	-	4
NONMANUFACTURING -----	38,109	2.29	2.23	1.82- 2.70	1102	8100	3614	5465	5027	3877	2633	3654	2470	925	576	439	79	90	59	-	-	-	-	-
PUBLIC UTILITIES ⁶ -----	4,059	2.97	3.01	2.74- 3.25	-	56	83	127	203	265	429	776	929	512	298	304	55	18	5	-	-	-	-	-
WHOLESALE TRADE -----	1,987	2.65	2.64	2.14- 3.14	-	93	171	326	184	171	267	184	124	168	176	92	7	24	-	-	-	-	-	-
RETAIL TRADE -----	8,283	2.26	2.23	1.88- 2.59	489	1036	1119	1318	1226	1056	760	423	502	197	63	32	15	47	2	-	-	-	-	-
FINANCE ⁷ -----	4,137	2.50	2.58	2.05- 2.93	18	430	371	513	373	395	420	1431	111	32	17	-	2	1	23	-	-	-	-	-
SERVICES -----	19,642	2.08	2.04	1.74- 2.37	596	6487	1871	3180	3041	1989	757	840	805	16	22	11	-	-	29	-	-	-	-	-
JANITORS, PORTERS, AND CLEANERS (WOMEN) -----	24,097	2.22	2.14	1.85- 2.47	449	4692	2768	4909	1881	5371	1036	1109	619	464	582	183	10	23	-	-	-	-	-	-
MANUFACTURING -----	4,943	2.78	2.79	2.46- 3.16	-	120	265	287	321	730	765	836	465	447	511	183	10	2	-	-	-	-	-	-
NONMANUFACTURING -----	19,154	2.07	2.06	1.78- 2.42	449	4572	2505	4622	1561	4640	271	273	154	17	71	-	21	-	-	-	-	-	-	-
PUBLIC UTILITIES ⁶ -----	1,581	2.40	2.26	2.11- 2.75	-	30	103	468	379	157	71	207	119	10	37	-	-	-	-	-	-	-	-	-
WHOLESALE TRADE -----	301	2.28	2.11	1.91- 2.53	-	41	56	69	28	50	15	-	3	7	33	-	-	-	-	-	-	-	-	-
RETAIL TRADE -----	1,697	1.96	1.90	1.72- 2.11	64	473	456	380	122	96	72	31	3	-	-	-	-	-	-	-	-	-	-	-
FINANCE ⁷ -----	5,506	2.20	2.41	2.02- 2.46	229	572	384	1095	118	3014	72	17	5	-	-	-	-	-	-	-	-	-	-	-
SERVICES -----	10,070	1.96	1.99	1.69- 2.17	156	3456	1506	2609	914	1324	41	18	24	-	1	-	-	21	-	-	-	-	-	-
LABORERS, MATERIAL HANDLING -----	97,434	3.27	3.32	2.90- 3.68	3	1097	1334	2810	3104	4896	6231	10295	11001	11464	13671	12210	8549	4747	4662	1021	158	83	101	101
MANUFACTURING -----	56,579	3.18	3.21	2.87- 3.56	-	179	489	1218	1607	3631	4557	7565	8494	6659	9764	8149	2777	381	376	392	158	83	101	101
NONMANUFACTURING -----	40,855	3.40	3.54	2.97- 3.96	3	919	845	1591	1497	1265	1674	2732	2507	4805	3907	4060	5772	4366	4286	629	-	-	-	-
PUBLIC UTILITIES ⁶ -----	18,968	3.85	3.92	3.58- 4.20	-	-	9	17	26	77	45	223	820	1980	1838	1816	3959	3278	4253	629	-	-	-	-
WHOLESALE TRADE -----	11,325	3.14	3.20	2.80- 3.69	-	163	240	447	502	462	1040	1837	978	1640	746	1393	1237	617	26	-	-	-	-	-
RETAIL TRADE -----	9,718	2.91	3.04	2.27- 3.52	3	750	484	899	799	624	501	665	664	1182	1284	850	535	471	7	-	-	-	-	-
SERVICES -----	843	2.42	2.26	2.08- 2.71	-	6	112	228	170	101	89	7	46	4	38	-	42	-	-	-	-	-	-	-
ORDER FILLERS -----	34,494	3.32	3.41	3.01- 3.74	-	214	311	668	1290	1661	1759	2550	3883	4527	4830	6623	4321	1347	260	111	26	14	99	99
MANUFACTURING -----	11,617	3.29	3.32	2.97- 3.65	-	44	36	125	299	540	798	1292	1857	1493	1796	1560	1078	268	180	109	26	14	99	99
NONMANUFACTURING -----	22,877	3.33	3.45	3.05- 3.76	-	170	275	543	990	1121	962	1258	2026	3034	3032	5065	3243	1079	80	2	-	-	-	-
WHOLESALE TRADE -----	16,343	3.32	3.42	3.04- 3.73	-	62	87	332	726	933	679	1052	1675	2373	2313	3214	1863	1005	27	2	-	-	-	-
RETAIL TRADE -----	5,261	3.32	3.60	3.00- 3.79	-	106	172	189	257	175	260	159	225	584	498	1381	1191	33	32	-	-	-	-	-
PACKERS, SHIPPING -----	23,338	3.18	3.21	2.82- 3.63	-	173	410	661	783	1313	2203	3302	2755	2068	3287	4590	840	420	282	64	135	25	26	26
MANUFACTURING -----	17,047	3.21	3.20	2.89- 3.57	-	55	225	247	391	657	1762	2856	2356	1669	2845	2510	634	308	279	63	135	25	26	26
NONMANUFACTURING -----	6,291	3.10	3.24	2.56- 3.71	-	118	185	413	393	656	441	446	399	398	436	2081	206	112	3	1	-	-	-	-
WHOLESALE TRADE -----	5,128	3.17	3.39	2.73- 3.72	-	73	133	329	318	261	380	409	344	331	351	1970	116	112	1	1	-	-	-	-
RETAIL TRADE -----	721	2.92	2.98	2.26- 3.62	-	36	38	82	65	55	57	34	36	61	55	111	90	-	-	-	-	-	-	-
PACKERS, SHIPPING (WOMEN) -----	10,736	2.68	2.68	2.30- 3.00	-	597	551	792	1474	1474	1307	1902	627	601	644	655	27	16	26	20	16	2	4	4
MANUFACTURING -----	8,333	2.78	2.79	2.39- 3.08	-	197	270	579	1096	1137	919	1697	556	559	619	593	27	14	26	20	16	2	4	4
NONMANUFACTURING -----	2,403	2.37	2.37	1.93- 2.73	-	399	281	214	378	337	388	205	71	42	25	62	-	2	-	-	-	-	-	-
WHOLESALE TRADE -----	987	2.38	2.34	2.02- 2.72	-	172	62	103	226	127	171	32	16	6	18	52	-	2	-	-	-	-	-	-
RETAIL TRADE -----	1,220	2.37	2.38	1.92- 2.78	-	191	197	97	146	95	217	170	55	36	7	10	-	-	-	-	-	-	-	-
RECEIVING CLERKS -----	8,945	3.34	3.39	3.04- 3.71	-	2	39	116	245	341	468	847	984	1537	1357	1336	1156	320	156	38	5	-	2	2
MANUFACTURING -----	5,184	3.38	3.39	3.11- 3.71	-	1	14	35	45	151	225	508	663	1011	717	848	753	97	86	27	3	-	1	1
NONMANUFACTURING -----	3,761	3.29	3.38	2.89- 3.72	-	1	24	81	199	190	242	339	322	526	639	488	403	223	70	11	2	-	-	-
WHOLESALE TRADE -----	1,494	3.32	3.42	2.89- 3.74	-	-	-	24	68	75	92	151	110	201	230	239	188	72	35	9	-	-	-	-
RETAIL TRADE -----	1,858	3.24	3.28	2.85- 3.73	-	1	23	55	107	93	138	175	198	290	212	219	188	137	15	2	2	-	-	-

See footnotes at end of table.

Table A-19. Custodial and material movement occupations—North Central—Continued

(Average straight-time hourly earnings for selected occupations by industry division in the North Central region, ¹ February 1970²)

Occupation ³ and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																						
		Mean ⁵	Median ⁵	Middle range ⁵	Under \$ 1.60	\$ 1.60 and under	\$ 1.80	\$ 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				
						1.80	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	over				
SHIPPING CLERKS -----	5,704	3.42	3.45	3.12- 3.75	-	-	-	7	137	214	257	424	721	810	1037	879	592	376	125	50	34	22	21				
MANUFACTURING -----	4,065	3.42	3.43	3.13- 3.71	-	-	-	2	73	168	168	299	524	646	820	519	372	259	100	42	34	22	20				
NONMANUFACTURING -----	1,639	3.42	3.54	3.08- 3.79	-	-	-	5	64	45	88	125	198	165	218	359	221	117	25	8	-	-	1				
WHOLESALE TRADE -----	1,117	3.40	3.52	3.05- 3.78	-	-	-	5	49	23	61	104	134	105	168	223	135	86	21	3	-	-	-				
RETAIL TRADE -----	387	3.45	3.56	3.15- 3.83	-	-	-	-	8	12	17	18	55	59	42	59	86	21	4	5	-	-	1				
SHIPPING AND RECEIVING CLERKS -----	7,525	3.43	3.47	3.10- 3.81	-	25	23	42	104	287	499	482	807	1034	1348	893	1170	341	265	64	35	77	31				
MANUFACTURING -----	4,566	3.49	3.48	3.19- 3.83	-	-	9	12	39	99	192	328	492	683	746	610	919	143	148	50	1	66	31				
NONMANUFACTURING -----	2,959	3.34	3.42	2.95- 3.74	-	25	14	30	66	188	307	154	315	352	602	282	252	198	117	14	34	11	-				
PUBLIC UTILITIES ⁶ -----	307	3.71	3.61	3.43- 4.10	-	-	-	-	-	2	10	7	51	82	45	11	59	25	9	6	-	-	-				
WHOLESALE TRADE -----	1,705	3.39	3.50	3.01- 3.76	-	-	-	19	49	45	211	91	186	201	378	151	154	94	90	4	28	4	-				
RETAIL TRADE -----	737	3.10	3.15	2.61- 3.55	-	19	14	10	17	121	92	34	97	51	126	53	62	43	1	1	-	-	-				
TRUCKDRIVERS ⁶ -----	87,888	3.87	3.99	3.67- 4.19	11	127	200	408	748	828	1227	1801	3073	4507	5715	8798	17830	21411	10651	9449	920	85	100				
MANUFACTURING -----	21,020	3.69	3.75	3.36- 4.08	-	7	31	68	226	325	551	1069	1402	1955	2352	3240	3700	3216	1304	638	787	82	68				
NONMANUFACTURING -----	66,868	3.93	4.03	3.81- 4.24	11	120	169	340	522	503	677	733	1672	2552	3364	5558	14130	18194	9347	8811	123	3	32				
PUBLIC UTILITIES ⁶ -----	42,345	4.10	4.08	3.96- 4.34	-	-	-	-	12	39	51	132	206	671	757	2480	9263	13458	6994	8283	-	-	-				
WHOLESALE TRADE -----	14,700	3.66	3.80	3.38- 4.06	-	16	64	169	223	195	246	367	1035	1569	1646	1769	2391	2833	2127	45	3	3	-				
RETAIL TRADE -----	8,143	3.67	3.86	3.48- 4.08	-	85	74	152	220	231	218	134	300	221	812	1102	2004	1893	91	473	120	-	12				
SERVICES -----	1,575	3.47	3.71	3.11- 3.87	11	19	31	10	46	22	151	87	127	87	127	203	471	8	135	10	10	-	20				
TRUCKDRIVERS, LIGHT (UNDER 1-1/2 TONS) -----	8,009	3.48	3.75	2.97- 4.11	11	107	135	262	433	334	406	354	472	737	567	282	1775	924	1152	2	10	-	45				
MANUFACTURING -----	2,526	3.64	3.68	3.19- 4.32	-	6	12	32	73	65	145	154	154	264	308	149	245	88	803	2	-	-	25				
NONMANUFACTURING -----	5,483	3.40	3.80	2.81- 3.93	11	101	123	231	361	269	259	200	318	474	255	133	1530	836	349	-	10	-	20				
PUBLIC UTILITIES ⁶ -----	2,012	3.94	4.10	3.84- 4.17	-	-	-	-	9	17	25	19	69	43	42	10	748	798	233	-	-	-	-				
WHOLESALE TRADE -----	1,345	2.99	3.19	2.38- 3.38	-	5	50	111	185	130	25	98	76	379	53	2	189	28	15	-	-	-	-				
RETAIL TRADE -----	967	2.82	2.72	2.17- 3.78	-	85	62	101	129	86	78	29	51	40	32	40	214	-	20	-	-	-	-				
SERVICES -----	1,061	3.48	3.73	3.11- 3.86	11	11	13	10	20	20	121	43	120	8	110	78	378	7	81	-	10	-	20				
TRUCKDRIVERS, MEDIUM (1-1/2 TO AND INCLUDING 4 TONS) -----	21,759	3.77	3.91	3.52- 4.09	-	20	57	115	243	370	473	638	1058	1306	1617	2408	6071	3115	3437	657	91	43	41				
MANUFACTURING -----	5,542	3.59	3.70	3.21- 3.95	-	1	13	22	88	203	158	259	494	647	432	804	1186	521	224	223	88	40	41				
NONMANUFACTURING -----	16,217	3.82	3.95	3.66- 4.14	-	19	44	93	154	168	315	275	564	659	1185	1604	4885	2594	3213	434	3	3	-				
PUBLIC UTILITIES ⁶ -----	8,863	4.00	3.99	3.91- 4.23	-	-	-	-	1	-	15	111	113	172	284	419	3520	1534	2294	400	-	-	-				
WHOLESALE TRADE -----	5,164	3.71	3.84	3.45- 4.06	-	11	14	43	33	56	165	71	315	377	632	692	909	988	826	27	3	3	-				
RETAIL TRADE -----	1,922	3.42	3.63	3.08- 3.84	-	-	12	51	92	110	105	71	129	42	262	485	445	73	39	7	-	-	-				
TRUCKDRIVERS, HEAVY (OVER 4 TONS, TRAILER TYPE) -----	38,728	4.03	4.07	3.90- 4.34	-	-	1	3	21	86	188	493	553	1052	1857	3764	5815	13201	3452	8066	142	20	14				
MANUFACTURING -----	5,738	3.69	3.73	3.40- 4.12	-	-	1	-	21	51	122	330	258	626	940	808	635	1459	101	344	22	20	2				
NONMANUFACTURING -----	32,990	4.09	4.08	3.95- 4.38	-	-	-	3	-	35	66	163	295	426	917	2957	5181	11743	3351	7722	120	-	12				
PUBLIC UTILITIES ⁶ -----	24,595	4.16	4.11	4.01- 4.42	-	-	-	-	-	-	-	-	1	1	190	1834	3323	9589	2428	7230	-	-	-				
WHOLESALE TRADE -----	5,095	3.82	3.90	3.64- 4.13	-	-	-	3	-	31	129	267	390	266	775	1194	1114	908	18	-	-	-	-				
RETAIL TRADE -----	3,210	3.94	4.01	3.67- 4.16	-	-	-	-	-	35	35	34	28	36	461	336	596	1039	15	464	120	-	12				
TRUCKDRIVERS, HEAVY (OVER 4 TONS, OTHER THAN TRAILER TYPE) -----	8,980	3.90	4.00	3.67- 4.16	-	-	5	14	36	15	86	94	448	427	505	1499	1311	2768	1016	287	448	20	-				
MANUFACTURING -----	3,964	3.83	3.83	3.61- 4.09	-	-	5	14	31	1	60	35	199	198	366	947	839	662	81	55	448	20	-				
NONMANUFACTURING -----	5,016	3.95	4.06	3.79- 4.19	-	-	-	-	5	14	26	58	249	229	137	552	471	2106	935	232	-	-	-				
PUBLIC UTILITIES ⁶ -----	1,890	4.14	4.09	4.02- 4.36	-	-	-	-	1	6	2	2	1	3	30	73	197	803	542	230	-	-	-				
WHOLESALE TRADE -----	1,810	3.79	4.01	3.40- 4.11	-	-	-	-	4	8	24	42	162	213	43	243	99	594	378	-	-	-	-				
TRUCKERS, POWER (FORKLIFT) -----	55,759	3.45	3.51	3.20- 3.72	-	4	42	152	312	802	2840	3983	5815	8892	8590	14012	7756	930	700	377	249	66	239				
MANUFACTURING -----	48,138	3.43	3.48	3.18- 3.69	-	2	-	132	239	693	2564	3531	5408	8014	7918	11954	5945	302	590	293	249	66	239				
NONMANUFACTURING -----	7,621	3.57	3.70	3.34- 3.87	-	2	42	20	74	109	277	452	407	877	673	2058	1811	628	110	84	-	-	-				
PUBLIC UTILITIES ⁶ -----	1,761	3.72	3.81	3.45- 3.90	-	-	-	-	-	-	118	169	125	55	386	558	170	104	75	-	-	-	-				
WHOLESALE TRADE -----	3,800	3.50	3.63	3.28- 3.78	-	-	24	-	23	12	219	296	202	502	416	1256	550	290	1	9	-	-	-				
RETAIL TRADE -----	1,942	3.59	3.75	3.40- 3.92	-	-	18	20	51	54	50	18	33	246	175	415	703	153	5	-	-	-	-				

See footnotes at end of table.

Table A-19. Custodial and material movement occupations—North Central—Continued

(Average straight-time hourly earnings for selected occupations by industry division in the North Central region, ¹ February 1970²)

Occupation ³ and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																		
		Mean ⁵	Median ⁵	Middle range ⁵	Under \$ 1.60	\$ 1.60 and under	\$ 1.80	\$ 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 and over
					1.60	1.80	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	over
TRUCKERS, POWER (OTHER THAN FORKLIFT) -----	6,347	\$ 3.53	\$ 3.59	\$ 3.24- 3.76	-	-	-	36	55	120	134	302	607	1149	820	2091	473	171	62	257	8	1	61
MANUFACTURING -----	5,786	3.54	3.62	3.25- 3.77	-	-	-	36	55	120	127	206	507	1038	731	2009	458	171	36	222	8	1	61
NONMANUFACTURING -----	561	3.41	3.34	3.12- 3.62	-	-	-	-	-	-	7	96	100	111	89	82	15	-	26	35	-	-	-
PUBLIC UTILITIES ⁶ -----	449	3.35	3.29	3.12- 3.50	-	-	-	-	-	-	-	76	100	111	83	44	-	-	-	35	-	-	-

¹ For definition of regions, see footnote 3 to the table in appendix A.² Average month of reference. Data were collected during the period July 1969 through June 1970.³ Data limited to men workers except where otherwise indicated.⁴ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.⁵ For definition of terms, see footnote 3, table A-1.⁶ Transportation, communication, and other public utilities.⁷ Finance, insurance, and real estate.⁸ Includes all drivers, as defined, regardless of size and type of truck operated.

Table A-20. Custodial and material movement occupations—West

(Average straight-time hourly earnings for selected occupations by industry division in the West, ¹ February 1970²)

Occupation ³ and industry division	Number of workers	Hourly earnings ⁴			Number of workers receiving straight-time hourly earnings of—																		
		Mean ⁵	Median ⁵	Middle range ⁵	Under \$ 1.60	\$ 1.60 and under	\$ 1.80	\$ 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 and over
					1.60	1.80	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	over
GUARDS AND WATCHMEN -----	18,965	\$ 2.39	\$ 2.05	\$ 1.81- 2.99	30	4505	3814	2858	744	774	482	1034	505	537	1108	1836	685	53	-	-	-	-	-
MANUFACTURING -----	4,102	3.38	3.57	3.20- 3.74	-	50	67	99	83	118	165	135	303	344	856	1523	333	26	-	-	-	-	-
NONMANUFACTURING -----	14,863	2.12	1.89	1.77- 2.24	30	4456	3747	2760	661	656	317	899	201	193	252	313	352	27	-	-	-	-	-
GUARDS: -----																							
MANUFACTURING -----	3,575	3.47	3.62	3.37- 3.75	-	12	20	60	51	105	79	97	254	253	795	1490	333	26	-	-	-	-	-
WATCHMEN: -----																							
MANUFACTURING -----	527	2.78	2.84	2.29- 3.33	-	37	47	39	33	14	86	38	49	91	61	33	-	-	-	-	-	-	-
JANITORS, PORTERS, AND CLEANERS ---	39,985	2.64	2.72	2.30- 3.01	519	2528	2285	3346	2634	4314	7996	5990	4948	3001	1846	301	241	5	32	-	-	-	-
MANUFACTURING -----	11,441	2.95	3.00	2.67- 3.32	-	197	186	433	548	896	1697	1730	1592	2320	1576	136	119	4	8	-	-	-	-
NONMANUFACTURING -----	28,544	2.52	2.63	2.13- 2.88	519	2331	2099	2913	2087	3418	6299	4260	3356	681	270	165	122	1	24	-	-	-	-
PUBLIC UTILITIES ⁶ -----	1,561	2.97	2.94	2.80- 3.22	-	36	15	41	51	166	72	548	238	98	174	45	77	-	-	-	-	-	-
WHOLESALE TRADE -----	652	2.66	2.63	2.21- 3.17	-	46	49	57	126	41	44	32	114	92	13	14	24	-	-	-	-	-	-
RETAIL TRADE -----	4,895	2.48	2.51	2.07- 2.92	43	256	415	848	530	780	426	1144	281	88	54	16	10	1	-	-	-	-	-
FINANCE ⁷ -----	1,876	2.45	2.51	2.10- 2.75	4	186	105	255	264	401	226	68	366	-	2	-	-	-	-	-	-	-	-
SERVICES -----	19,560	2.49	2.65	2.12- 2.83	471	1806	1514	1713	1116	2029	5530	2467	2357	403	27	90	11	-	24	-	-	-	-
JANITORS, PORTERS, AND CLEANERS (WOMEN) -----	6,976	2.41	2.51	2.04- 2.76	76	870	454	1105	417	1701	771	848	375	339	10	11	-	-	-	-	-	-	-
MANUFACTURING -----	846	2.93	3.06	2.71- 3.27	-	13	13	25	66	69	125	63	164	297	2	9	-	-	-	-	-	-	-
NONMANUFACTURING -----	6,130	2.34	2.48	2.02- 2.64	76	857	441	1080	351	1631	646	785	211	42	8	2	-	-	-	-	-	-	-
RETAIL TRADE -----	385	2.22	2.17	1.90- 2.53	4	35	76	91	34	69	39	34	3	-	-	-	-	-	-	-	-	-	-
SERVICES -----	4,197	2.32	2.51	2.00- 2.61	72	699	273	630	36	1418	522	369	145	30	-	-	-	-	-	-	-	-	-
LABORERS, MATERIAL HANDLING -----	23,237	3.37	3.54	2.90- 3.90	-	204	526	709	882	1041	1663	1518	1916	1316	2730	2603	3792	3612	428	228	65	4	2
MANUFACTURING -----	8,871	3.18	3.15	2.74- 3.66	-	55	96	291	357	597	989	1007	1438	569	1102	875	909	102	237	220	24	4	2
NONMANUFACTURING -----	14,366	3.49	3.73	3.18- 4.01	-	149	430	419	524	444	675	512	478	747	1626	1729	2882	3510	191	8	41	-	-
PUBLIC UTILITIES ⁶ -----	6,611	3.86	4.00	3.82- 4.08	-	-	-	40	91	60	42	69	152	337	364	326	1863	3118	146	-	4	-	-
WHOLESALE TRADE -----	4,513	3.25	3.53	2.69- 3.75	-	-	245	135	248	107	557	266	129	137	766	1106	494	287	-	-	37	-	-
RETAIL TRADE -----	3,150	3.07	3.32	2.41- 3.75	-	149	185	243	181	278	76	176	148	251	482	297	527	105	45	8	-	-	-
ORDER FILLERS -----	12,986	3.34	3.53	2.96- 3.78	-	94	73	337	642	500	662	1199	1288	706	1724	2809	2184	356	315	7	20	70	-
MANUFACTURING -----	2,599	3.12	3.14	2.71- 3.64	-	70	36	30	126	117	313	485	209	281	168	476	258	25	-	6	-	-	-
NONMANUFACTURING -----	10,387	3.40	3.58	3.04- 3.80	-	24	37	308	517	382	349	715	1078	425	1556	2333	1926	331	315	1	20	70	-
WHOLESALE TRADE -----	8,043	3.37	3.57	3.03- 3.79	-	9	24	264	404	284	289	522	989	255	1200	1883	1607	243	70	-	-	-	-
RETAIL TRADE -----	2,206	3.49	3.63	3.14- 3.86	-	15	13	44	113	98	51	185	51	165	356	373	319	88	245	1	20	70	-
PACKERS, SHIPPING -----	4,070	3.06	3.23	2.52- 3.63	-	250	94	187	306	219	341	162	419	395	591	777	258	8	45	-	20	-	-
MANUFACTURING -----	2,129	2.97	3.08	2.46- 3.45	-	186	70	45	181	104	217	111	280	217	417	98	130	8	45	-	20	-	-
NONMANUFACTURING -----	1,941	3.15	3.42	2.63- 3.71	-	64	24	142	125	115	124	51	139	178	174	679	128	-	-	-	-	-	-
WHOLESALE TRADE -----	1,762	3.17	3.52	2.64- 3.71	-	44	20	138	122	96	103	51	130	113	159	660	128	-	-	-	-	-	-
PACKERS, SHIPPING (WOMEN) -----	1,866	2.63	2.54	2.41- 3.06	-	118	81	154	91	588	172	153	195	141	168	6	-	-	-	-	-	-	-
MANUFACTURING -----	1,361	2.55	2.48	2.39- 2.80	-	102	40	142	59	579	99	77	26	123	110	4	-	-	-	-	-	-	-
NONMANUFACTURING -----	505	2.84	2.98	2.70- 3.15	-	16	41	12	32	9	73	76	169	18	58	2	-	-	-	-	-	-	-
RECEIVING CLERKS -----	3,623	3.40	3.58	3.01- 3.81	-	-	11	65	105	225	160	313	411	263	290	849	479	316	65	69	-	2	-
MANUFACTURING -----	1,620	3.43	3.62	3.01- 3.78	-	-	-	22	17	117	80	152	173	81	94	509	141	149	46	40	-	-	-
NONMANUFACTURING -----	2,003	3.37	3.49	3.01- 3.85	-	-	11	43	88	108	80	161	239	182	197	339	338	168	19	29	-	2	-
WHOLESALE TRADE -----	959	3.50	3.71	3.16- 3.91	-	-	-	-	8	68	29	45	112	63	103	217	245	53	-	16	-	-	-
RETAIL TRADE -----	910	3.26	3.30	2.86- 3.81	-	-	11	42	77	34	49	96	106	84	62	119	91	108	18	13	-	2	-
SHIPPING CLERKS -----	1,980	3.56	3.69	3.21- 3.91	-	-	6	11	34	51	23	119	245	134	175	534	333	216	51	39	6	-	-
MANUFACTURING -----	1,090	3.53	3.66	3.14- 3.89	-	-	6	2	29	28	14	57	204	56	70	284	133	152	18	30	6	-	-
NONMANUFACTURING -----	890	3.60	3.73	3.39- 3.92	-	-	-	9	5	23	9	63	41	78	109	250	199	64	33	9	-	-	-
WHOLESALE TRADE -----	746	3.63	3.74	3.51- 3.92	-	-	-	9	-	22	8	53	5	51	102	236	187	44	30	-	-	-	-

See footnotes at end of table.

Wage Differences Among Metropolitan Areas

Differences in pay among areas are examined here for three occupational groups—office clerical, skilled maintenance, and unskilled plant. Average earnings for all industries combined, and for manufacturing and nonmanufacturing separately, for each area were computed by multiplying the average weekly salary for each of the 20 office jobs and the average straight-time hourly earnings for each of eight skilled maintenance jobs and two unskilled plant jobs (janitors and material handling laborers) by the total employment in the jobs in all metropolitan areas combined. Area averages for the three occupational groups are expressed as percents of their respective national averages. For example, a relative of 80 indicates that an area's pay level is 80 percent of the nationwide pay level or 20 percent below the national level.

Collection of the data for the Bureau's studies in individual areas was conducted over the course of a year. Consequently, the area averages relate to different payroll months throughout this period. In order that individual area pay relatives can be comparable, adjustment had to be made for differences in survey timing. The assumption was made that the wage level for all metropolitan areas combined increased uniformly during the 12 months from February 1969 to February 1970.⁷ Thus, by adding the appropriate number of monthly wage increments to the February 1969 pay level, the nationwide pay level can be estimated for any month in which an individual area was studied. For example, an area study having a payroll reference month of March 1969 would be compared to the nationwide pay level as of February 1969, plus one-twelfth of the annual nationwide wage increase.

An occupation is given the same importance in every area by weighting the occupation's average in each area by the number of workers found nationwide in that occupation. This eliminates the effect of differences in occupational composition. In those cases where the occupational mix of manufacturing and nonmanufacturing in the area varies considerably from the national occupational mix for all industries combined, both the manufacturing and nonmanufacturing pay relatives may be higher or lower than the pay relative for all industries. For example, the all-industry relative for unskilled plantworkers in Akron was 119, while both manufacturing and nonmanufacturing had lower relatives, 114 and 108, respectively.

All industries combined

Wage levels differed widely among the 89 metropolitan areas surveyed (table 1); average rates for unskilled plantworkers in the highest paid area were 80 percent higher than those in the lowest. The interarea wage spread for office clerical workers and skilled maintenance workers amounted to 40 and 58 percent, respectively.

⁷ Average month of reference. Data were collected during the period July of one year through June of the next year.

Nearly all of the areas having above-average pay levels had large numbers of workers in what are generally considered high-wage industries. These include transportation equipment (automobiles or aircraft), petroleum refining, chemicals, steel, and rubber. On the other hand, areas having large concentrations of workers in textiles, apparel, footwear, or the lower wage food industries tended to have below-average pay levels. Factors other than industrial composition which may affect the level of earnings in an area include size and location of the area, extent of unionization, availability of workers, and the general economic condition.

Text table 1. Area pay relatives in all industries combined by job group, 1969-70

(All metropolitan areas=100)

Job group	Highest	Lowest
Office clerical -----	Detroit----- 116 Beaumont-Port Arthur- Orange, Los Angeles- Long Beach and Anaheim-Santa Ana- Garden Grove, and San Jose ----- 110 Rochester and San Francisco-Oakland ----- 109	San Antonio ----- 83 Manchester----- 84 Greenville, Jackson Little Rock-North Little Rock, and Lubbock----- 85
Skilled maintenance -----	San Francisco-Oakland ----- 115 Detroit----- 114 San Jose----- 110 Davenport-Rock Island- Moline and San Diego ---- 109	Greenville ----- 73 Manchester ----- 78 Portland (Maine)----- 82 Chattanooga ----- 83 Jacksonville ----- 84
Unskilled plant-----	San Francisco-Oakland ----- 124 Detroit----- 122 Waterloo----- 121 Akron and Seattle-Everett -- 119	San Antonio----- 69 Greenville, Jackson, and Raleigh ----- 72 Little Rock-North Little Rock and Lubbock----- 73

For office clerical workers, the highest wages have consistently been paid in the same cities from year to year. Detroit, Beaumont-Port Arthur-Orange, Los Angeles-Long Beach and Anaheim-Santa Ana-Garden Grove, and San Francisco-Oakland have been among the five highest paying areas since 1961, the first year that interarea pay comparisons were based on the national average.⁸ San Jose has been the other area in the high-five since 1966. New York, the

⁸ Earlier comparisons were related to the New York area.

nation's largest city and contributor of about one-seventh of the office clerical workers in metropolitan areas, had never ranked among the top 10 areas before 1970. This year, New York and four other areas ranked ninth at 105. However, this ranking does not consider length of workweek. Nearly three-fifths of the officeworkers in New York worked 35 hours a week; and 83 percent, fewer than 40 hours. In contrast, only about one-third of the officeworkers in San Francisco worked fewer than 40 hours. About one-fifth of the workers were on weekly schedules of fewer than 40 hours in the five other high paying areas. If comparisons were based on average hourly earnings instead of average weekly earnings, New York would rank second only to Detroit among the highest paying areas for office clerical workers.

In the South, unskilled plantworkers had earnings so far below the average of the rest of the Nation (a pay relative under 80 in 13 of 27 areas) that they significantly depressed the national average.⁹ In contrast, office clerical workers in the South had a pay relative of 80 or more in all areas and skilled maintenance workers, less than 80 in only one area. As a result, other regions had comparatively higher pay relatives for unskilled plantworkers than for office clerical and skilled maintenance. For example, in the North Central Region, seven areas had pay relatives of 110 and over for unskilled plantworkers compared with one area (Detroit) for office clerical and skilled maintenance. (See text table 2.)

Text table 2. Distribution of areas by pay relatives, job group, and region, 1969-70

Job group and region	Total number of areas	Number of areas with pay relatives of—				
		Under 80	80 and under 90	90 and under 100	100 and under 110	110 and over
Office clerical:						
Northeast-----	23	-	4	13	6	-
South-----	28	-	10	15	2	1
North Central-----	24	-	1	12	10	1
West-----	13	-	-	7	4	2
Skilled maintenance:						
Northeast-----	22	1	9	9	3	-
South-----	21	1	4	14	2	-
North Central-----	24	-	-	8	15	1
West-----	11	-	-	3	6	2
Unskilled plant:						
Northeast-----	22	-	6	8	8	-
South-----	27	13	11	3	-	-
North Central-----	25	-	1	1	16	7
West-----	13	-	3	2	3	5

⁹ Almost one-fourth of the workers in the unskilled jobs (janitors and material handling laborers) were in the South.

Pay levels for each of the three job groups were usually higher in metropolitan areas having 1 million or more population than in smaller areas. The percent of areas having pay relatives equal to or greater than the national level (100) is presented in the following tabulation:

Number of inhabitants (1970 Census)	Office clerical	Skilled maintenance	Unskilled plant
1 million or more -----	50	57	70
250,000 but less than 1 million-----	20	28	33
Less than 250,000 -----	14	11	29

Manufacturing

Wage levels in manufacturing were often similar to the levels for all industries combined. The five highest paying areas for office clerical workers in manufacturing, as shown in text table 3, were approximately the same areas shown earlier for all-industries.

Text table 3. Area pay relatives in manufacturing, by job group, 1969-70

(All metropolitan areas=100)

Job group	Highest	Lowest
Office clerical-----	Detroit----- 122 Beaumont-Port Arthur-Orange----- 116 Los Angeles-Long Beach and Anaheim-Santa Ana-Garden Grove----- 111 San Jose----- 110 Rochester----- 109	Greenville and Tampa-St. Petersburg----- 83 Scranton----- 84 Chattanooga and Providence-Pawtucket-Warwick----- 86
Skilled maintenance-----	Detroit----- 116 San Francisco-Oakland----- 115 San Jose----- 111 Davenport-Rock Island-Moline----- 110 San Diego----- 109	Greenville----- 72 Chattanooga and Portland (Maine)----- 83 Providence-Pawtucket-Warwick and Tampa-St. Petersburg----- 85
Unskilled plant-----	San Francisco-Oakland----- 122 Detroit----- 121 Seattle-Everett----- 120 Waterloo----- 119 Akron----- 114	Greenville and Lubbock----- 67 Raleigh----- 68 Charlotte----- 69 Jackson----- 70

Of the five highest paying areas for officeworkers, only Beaumont-Port Arthur-Orange and Rochester had populations of less than a million. Petroleum refining is the most important industry in Beaumont, and photographic equipment manufacturing is most important in Rochester. In Detroit and Los Angeles, transportation equipment is the most important. In San Jose, establishments in the electrical equipment industry employed the largest group of workers in manufacturing.

The five areas having the lowest pay relatives for the office clerical job group in manufacturing were located in the Northeast and South. Textiles was the most important manufacturing industry in Chattanooga and Greenville, whereas the apparel industry was the major manufacturing activity in Scranton. The jewelry and ornament industry was the major group in Providence-Pawtucket-Warwick, and electrical equipment in Tampa-St. Petersburg.

Pay relatives of skilled maintenance workers in manufacturing were identical to the corresponding relatives of all industries in 27 of the 67 areas compared.¹⁰ Similarity of relatives is expected, as more than 80 percent of the skilled maintenance workers were employed in manufacturing.¹¹ For that reason, pay relatives were omitted for this group in nonmanufacturing. Pay relatives were within two points of the corresponding all-industry relatives in the remaining 40 areas.

The areas having the highest pay relatives for unskilled plantworkers were located in two regions—North Central and West. Detroit, which ranked among the top areas for office clerical and skilled maintenance, was joined by Akron, San Francisco-Oakland, Seattle-Everett, and Waterloo in the unskilled plant job comparison. In San Francisco-Oakland, which also ranked among the top areas for skilled maintenance, the food industry was the major employer. The industrial composition of Seattle-Everett is heavily dominated by transportation equipment, and Waterloo by nonelectrical machinery. Akron had two-fifths of its manufacturing activities in tires and inner tubes. The seven lowest area pay relatives were found in the South; food or textiles were important manufacturing industries in each of the southern areas.

Nonmanufacturing

Comparison of the high- and low-paying areas in nonmanufacturing showed distinctly the wage differential between the western and southern areas. The two highest paying areas for office clerical workers were found in the West and the four lowest in the South. For the unskilled plant job group, the five highest were in the West and six lowest in the South. (See text table 4.)

¹⁰ Comparisons were not made for 22 areas where data did not meet publication criteria for either all industries or manufacturing.

¹¹ Only three-tenths of the Nation's auto mechanics were employed in manufacturing, compared with nine-tenths of the aggregate employment in the other skilled maintenance occupations. Thus, wide differences in the manufacturing and nonmanufacturing averages of auto mechanics will cause differences between the all-industry and manufacturing relatives.

Text table 4. Area pay relatives in nonmanufacturing, by job group, 1969-70

(All metropolitan areas=100)

Job group	Highest	Lowest
Office clerical -----	Los Angeles-Long Beach and Anaheim-Santa Ana- Garden Grove and San Francisco-Oakland ----- 110 Detroit----- 109 Chicago, New York, and San Jose ----- 107	San Antonio ----- 84 Chattanooga, Little Rock- North Little Rock, and Norfolk-Portsmouth and Newport News-Hampton --- 85 Jackson and Portland (Maine)----- 86
Unskilled plant-----	San Francisco-Oakland----- 128 Seattle-Everett----- 119 Portland (Oreg.)----- 117 Los Angeles-Long Beach and Anaheim-Santa Ana- Garden Grove----- 116 San Jose----- 115	San Antonio ----- 69 Birmingham ----- 70 Chattanooga ----- 72 Tampa-St. Petersburg----- 73 Little Rock-North Little Rock and Raleigh----- 74

Among the top ranking areas appearing in nonmanufacturing but missing from manufacturing were New York and Chicago. These two areas were identical in relative pay for office clerical workers—they were tied for fourth in the nonmanufacturing division, twelfth in manufacturing, and ninth in the all-industry comparisons. Although not listed in the table, Chicago and New York also ranked among the 10 highest paying areas for the unskilled job group in nonmanufacturing.

Portland, Oreg. was the other top-ranking area in nonmanufacturing which was absent from the manufacturing listings. Ranked third in average pay for unskilled plantworkers in nonmanufacturing, Portland was tied with three other areas for twenty-fifth position in manufacturing. The nonmanufacturing pay relative of 117 was 13 points above the area's corresponding manufacturing relative. However, a direct comparison of unskilled pay levels in the two industry divisions would reveal that nonmanufacturing average wage rates were only about 5 percent above the manufacturing earnings within the area.¹² Thus, the wide percentage-point difference in Portland's two relatives was primarily due to earnings in manufacturing being about 7½ percent above those in nonmanufacturing for all metropolitan areas combined.

In the South, unskilled plant pay relatives in nonmanufacturing ranged from 69 in San Antonio to 90 in Louisville. The lowest pay relative for nonsouthern areas, 84 in Utica-Rome, ranked above 20 of the 27 southern areas in the nonmanufacturing comparison.

¹² The use of all-industry occupational employments in all Standard Metropolitan Statistical Areas combined as weights in all areas and for manufacturing and nonmanufacturing permits direct comparison of office and unskilled pay levels in the two industry divisions.

Table 1. Interarea pay comparisons

(Relative pay levels by industry division, March 1969 to February 1970)

(229-area pay levels for each industry and occupational group=100)

Area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
All metropolitan areas	100	100	100	100	100	100	100	100
<u>Northeast</u>								
Areas with 1,000,000 inhabitants or more:								
Boston	97	95	99	95	94	95	93	99
Buffalo	100	101	97	103	103	106	106	101
Newark and Jersey City	101	100	101	101	100	105	107	103
New York	105	102	107	100	101	108	103	112
Paterson-Clifton-Passaic	99	98	98	98	98	105	98	105
Philadelphia	97	97	96	96	97	103	100	104
Pittsburgh	101	102	98	98	98	106	106	106
Areas with 250,000 but less than 1,000,000 inhabitants:								
Albany-Schenectady-Troy	99	-	100	97	97	102	95	107
Allentown-Bethlehem-Easton	102	102	94	91	91	102	98	100
Binghamton	95	-	-	86	-	82	80	-
New Haven	98	93	101	88	87	90	92	90
Providence-Pawtucket-Warwick	88	86	89	87	85	83	78	88
Rochester	109	109	99	(²)	(²)	(²)	(²)	(²)
Syracuse	94	94	94	95	93	96	98	94
Trenton	97	95	-	94	94	99	96	106
Utica-Rome	93	91	-	88	87	89	90	84
Worcester	93	91	95	89	89	95	94	-
York	91	91	-	88	86	96	88	99
Areas with less than 250,000 inhabitants:								
Lawrence-Haverhill	95	-	-	90	90	92	86	106
Manchester	84	-	-	78	-	86	73	92
Portland	86	-	86	82	83	88	84	90
Scranton	87	84	-	85	-	94	81	104
Waterbury	97	95	-	89	88	88	89	-
<u>South</u>								
Areas with 1,000,000 inhabitants or more:								
Atlanta	99	99	100	96	94	80	83	79
Baltimore	97	99	96	98	99	93	101	88
Dallas	94	93	96	94	94	84	84	85
Houston	100	100	101	99	99	80	91	75
Miami	93	-	95	89	-	75	75	78
New Orleans	93	-	93	95	95	77	88	75
Washington	104	101	106	98	-	85	92	87
Areas with 250,000 but less than 1,000,000 inhabitants:								
Beaumont-Port Arthur-Orange	110	116	-	104	105	98	108	84
Birmingham	91	94	90	94	95	77	86	70
Charlotte	92	-	94	-	-	82	69	87
Chattanooga	86	86	85	83	83	84	84	72
Fort Worth	97	99	91	96	98	87	92	78
Greenville	85	83	87	73	72	72	67	82
Jackson	85	-	86	-	-	72	70	75
Jacksonville	90	-	91	84	-	75	77	77
Little Rock-North Little Rock	85	87	85	91	90	73	71	74
Louisville	94	94	93	102	103	98	101	90
Memphis	89	90	89	93	92	83	86	77
Norfolk-Portsmouth and Newport News-Hampton	89	-	85	91	-	78	84	75

See footnotes at end of table.

Table 1. Interarea pay comparisons—Continued

(Relative pay levels by industry division, March 1969 to February 1970)

(229-area pay levels for each industry and occupational group=100)

Area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
<u>South—Continued</u>								
Areas with 250,000 but less than 1,000,000 inhabitants—Continued								
Oklahoma City	90	89	91	90	-	81	81	84
Richmond	91	94	91	90	-	81	81	82
San Antonio	83	-	84	-	-	69	71	69
Tampa-St. Petersburg	88	83	90	87	85	74	79	73
Areas with less than 250,000 inhabitants:								
Charleston, W. Va.	99	-	94	98	98	85	102	75
Lubbock	85	-	87	-	-	73	67	76
Midland and Odessa	98	-	101	-	-	-	-	-
Raleigh	86	-	87	-	-	72	68	74
Savannah	93	-	-	-	-	78	76	76
<u>North Central</u>								
Areas with 1,000,000 inhabitants or more:								
Chicago	105	102	107	106	104	108	101	113
Cincinnati	96	95	94	98	99	100	104	96
Cleveland	101	101	100	104	104	108	109	104
Detroit	116	122	109	114	116	122	121	114
Indianapolis	98	102	94	104	104	102	103	97
Kansas City	96	95	97	103	104	103	106	99
Milwaukee	99	98	97	106	106	108	107	106
Minneapolis-St. Paul	93	90	95	106	106	107	104	110
St. Louis	98	98	98	105	106	105	107	102
Areas with 250,000 but less than 1,000,000 inhabitants:								
Akron	101	102	97	102	102	119	114	108
Canton	92	93	-	93	93	107	104	103
Columbus	95	97	93	99	98	94	96	95
Davenport-Rock Island-Moline	105	106	98	109	110	115	113	107
Dayton	103	106	97	106	107	108	109	96
Des Moines	88	92	88	101	101	100	110	87
Omaha	91	89	93	95	96	88	94	89
Rockford	95	93	-	95	97	105	102	-
South Bend	92	94	-	100	100	103	101	99
Toledo	106	106	101	104	106	112	111	106
Wichita ³	101	102	97	97	95	101	102	94
Youngstown-Warren	101	102	-	104	106	105	105	101
Areas with less than 250,000 inhabitants:								
Green Bay	92	-	-	92	-	113	107	112
Muskegon-Muskegon Heights	101	99	-	95	94	114	112	-
Sioux Falls	-	-	-	-	-	102	105	91
Waterloo	105	-	-	107	-	121	119	-
<u>West</u>								
Areas with 1,000,000 inhabitants or more:								
Denver	97	98	98	98	97	99	103	99
Los Angeles-Long Beach and Anaheim-Santa Ana-Garden Grove	110	111	110	106	105	110	102	116
San Bernardino-Riverside-Ontario ⁴	107	-	106	103	103	100	106	89
San Diego	104	107	100	109	109	109	-	-
San Francisco-Oakland	109	108	110	115	115	124	122	128
San Jose	110	110	107	110	111	115	113	115
Seattle-Everett	105	107	102	106	107	119	120	119

See footnotes at end of table.

Table 1. Interarea pay comparisons—Continued

(Relative pay levels by industry division, March 1969 to February 1970)

(229-area pay levels for each industry and occupational group=100)

Area	Office clerical			Skilled maintenance		Unskilled plant		
	All industries	Manufacturing industries	Nonmanufacturing industries	All industries	Manufacturing industries	All industries	Manufacturing industries	Nonmanufacturing industries
West—Continued								
Areas with 250,000 but less than 1,000,000 inhabitants:								
Albuquerque	90	-	92	-	-	87	81	91
Phoenix	95	99	92	98	98	88	90	87
Portland	98	94	100	105	105	113	104	117
Salt Lake City	91	93	91	94	93	88	96	88
Spokane	96	-	94	105	105	106	106	108
Areas with less than 250,000 inhabitants:								
Boise City	90	-	92	-	-	93	85	-

¹ The Binghamton survey was limited to the New York portion of the Standard Metropolitan Statistical Area.² Earnings information was not collected for plant occupations.³ Data for Wichita relate to April 1970.⁴ Estimates for all industries and manufacturing include payments under a "progress sharing" plan in 1 manufacturing establishment. Exclusive of such payments, the relative for office clerical would be 106. Relatives for skilled maintenance in both all industries and manufacturing would have been 98. For unskilled plant, the estimates would have been 99 for all industries, and 105 for manufacturing.

NOTE: Dashes indicate data that do not meet publication criteria.

Trends of Occupational Earnings

Average straight-time salaries of office clerical workers in the Nation's metropolitan areas increased 6.4 percent from February 1969 to February 1970. This rise was the largest for office clerical workers since the Bureau's first measurement of national wage trends in February 1961. (See table 2.) The increase of 6.1 percent for unskilled plantworkers equaled the year-earlier increase for this group, while increases of 7.3 percent for industrial nurses and 5.9 percent for skilled maintenance workers were smaller than those recorded for February 1968 to February 1969.

Wage increases during the February 1969-70 period were lower in manufacturing than for all industries combined for 3 of the 4 occupational groups studied. For unskilled plantworkers (janitors and material handling laborers), on the other hand, the rate of increase was 6.1 percent for all industries combined, compared with 6.3 percent in manufacturing. The relationship largely results from the comparatively small increase for unskilled plantworkers in nonmanufacturing industries in the South during the 1969-70 period. Eliminating these workers from the national estimate for all industries combined results in a 6.3-percent increase for unskilled plantworkers, the same as the increase for those in manufacturing.

During the 1969-70 period, wages increased at a faster rate in metropolitan areas with 1 million or more population (1970 Census) than in smaller areas. The large-area advantage in wage increases was not as great for industrial nurses (7.4 percent compared with 7.2 percent) and skilled maintenance workers (6.0 percent vs. 5.8 percent), as for office clerical (6.7 percent vs. 5.4 percent) and unskilled plantworkers (6.4 percent vs. 5.3 percent).

Table 3 shows percent increases of wages for the 9-year period, February 1961 to February 1970. The two outstanding characteristics of wage increases over the 9-year period are (1) all industries increases generally exceeded manufacturing increases, and (2) for all regions but the South, nurses' salaries increased at a significantly greater rate than the other occupational groups studied.

Twenty¹³ of the 86 areas currently studied have been surveyed regularly (usually on an annual basis) by the Bureau since 1953. The following tabulation, based on median annual average wage increases in the 20 areas, shows wage movements for the four occupational groups during 1953-61 and 1961-70.

¹³ Atlanta, Baltimore, Boston, Buffalo, Chicago, Cleveland, Dallas, Denver, Kansas City, Los Angeles-Long Beach and Anaheim-Santa Ana-Garden Grove, Memphis, Milwaukee, Minneapolis-St. Paul, Newark and Jersey City, New York, Philadelphia, Portland (Oreg.), Providence-Pawtucket-Warwick, St. Louis, and San Francisco-Oakland.

Occupational group	1953-70	1953-61	1961-70
Office clerical-----	4.1	4.1	4.0
Industrial nurses-----	5.0	4.7	5.2
Skilled maintenance-----	4.4	4.5	4.3
Unskilled plant-----	4.3	4.5	4.1

The Consumer Price Index is used to approximate the wage increase necessary to maintain a standard of living during a period of rising prices or to estimate the change in purchasing power brought about by a wage increase.

Between February 1969 and February 1970, prices increased more than wages for skilled maintenance and unskilled plantworkers, and nearly equaled wage increases for office clerical workers. This 1-year period during the 1960's was the first that real earnings (or purchasing power) for these workers did not increase.

The 9-year wage increase, compounded from February 1961 to February 1970, of 42.7 percent for office clerical workers is the equivalent of 11.9 percent in real earnings; the 43.1 percent for skilled maintenance workers equals 12.2 percent; and the 44.4 percent for unskilled plantworkers equals 13.3 percent. The following tabulation shows the percent increase in the CPI and the increase in real earnings over the 9-year period.

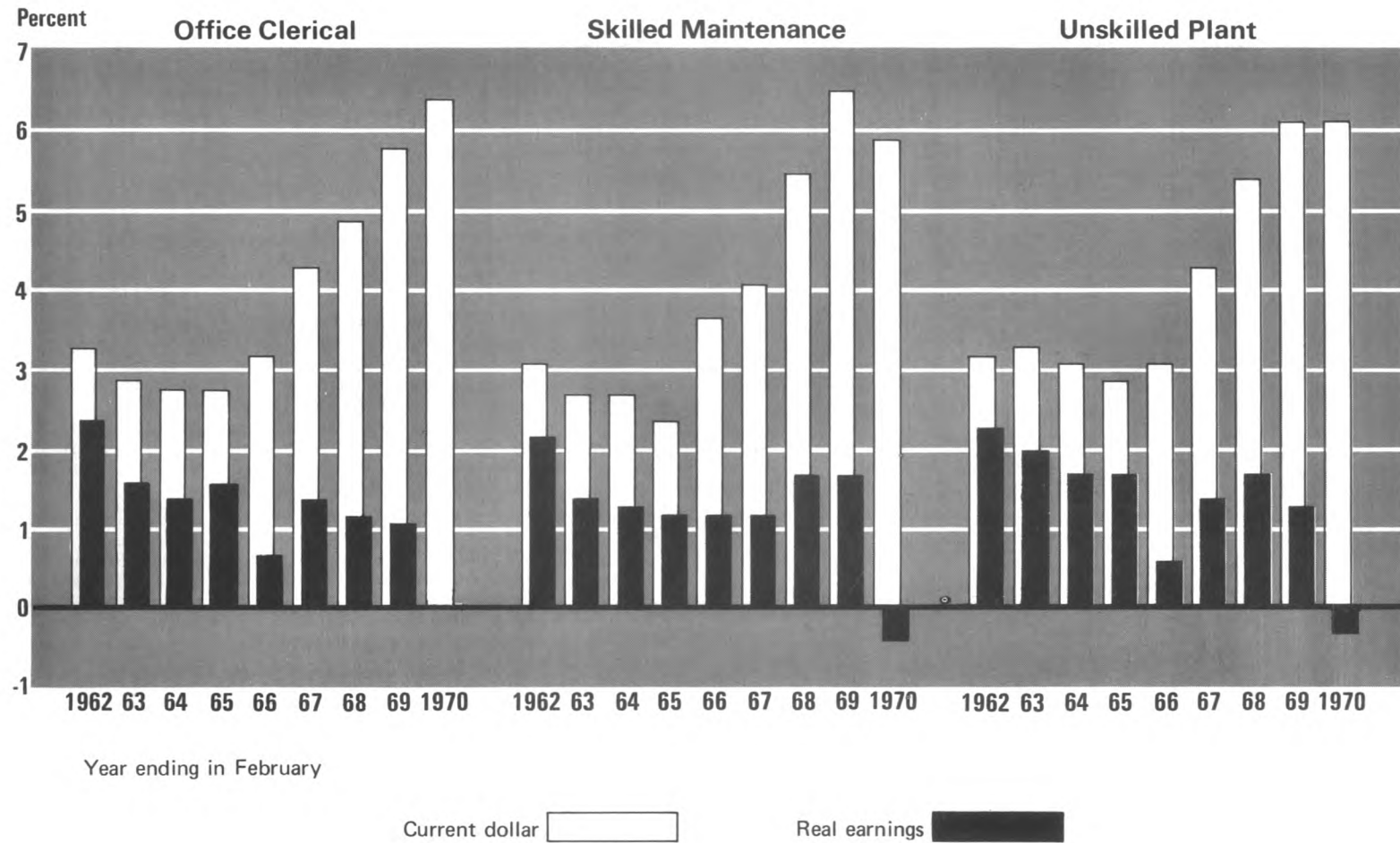
	Consumer Price Index	Office clerical ¹	Skilled maintenance ¹	Unskilled plant ¹
Year ending February				
1962-----	0.9	2.4	2.2	2.3
1963-----	1.2	1.6	1.4	2.0
1964-----	1.4	1.4	1.3	1.7
1965-----	1.2	1.6	1.2	1.7
1966-----	2.5	.7	1.2	.6
1967-----	2.9	1.4	1.2	1.4
1968-----	3.7	1.2	1.7	1.7
1969-----	4.7	1.1	1.7	1.3
1970-----	6.3	0	-.4	-.3

¹ Consumer Price Index used to convert earnings to 1967 dollars.

Coverage and method of computing wage trends

Each of the selected key occupations within an occupational group was assigned a weight based on its proportionate employment in the occupational group. These constant weights reflect base year (1961) employments wherever possible. The average (mean) earnings

Annual Wage Changes, Current Dollar and Real Earnings for Selected Occupational Groups, 1961-70



for each occupation were multiplied by the occupational weight, and the products for all occupations in the group were totaled. These weighted earnings also were multiplied by the area weight (the ratio of total nonagricultural employment in the stratum to that in the area) and totaled for each economic region and for all areas to permit comparison on a regional and all-metropolitan area basis. The aggregates for 2 consecutive years were related by dividing the aggregate for the later year by the aggregate for the earlier year. The resultant relative, less 100 percent, shows the percent change. The index is the product of multiplying the base year relative (100) by the relative for the next succeeding year and continuing to multiply (compound) each year's relative by the previous year's index. Average earnings for the following occupations were used to compute the wage trends:

Office clerical (men and women):
Bookkeeping-machine operators,
class B

Clerks, accounting, classes A
and B

Clerks, file, classes A, B,
and C

Clerks, order

Clerks, payroll

Comptometer operators

Keypunch operators, classes A
and B

Office boys and girls

Secretaries

Stenographers, general

Stenographers, senior

Switchboard operators, classes
A and B

Tabulating-machine operators,
class B

Typists, classes A and B

Industrial nurses (men and women):
Nurses, industrial (registered)

Skilled maintenance (men):

Carpenters

Electricians

Machinists

Mechanics

Mechanics (automotive)

Skilled maintenance (men)—Continued

Painters

Pipefitters

Tool and die makers

Unskilled plant (men):

Janitors, porters, and cleaners

Labors, material handling

For office clerical workers and industrial nurses, wage trends relate to regular weekly salaries for the normal workweek, exclusive of earnings for overtime. For plantworker groups, wage trends measure changes in average straight-time hourly earnings, excluding premium pay for overtime and for work on weekends, holidays, and late shifts. The percents of change 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 the 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 having different pay levels. Changes in the labor force can increase or decrease occupational averages without actually changing wages. Conceivably, even though all establishments in an area increased wages, average wages may have declined because lower-paying establishments entered the area or expanded their work force. Similarly, wages may have remained relatively constant, yet the averages for an area may have risen considerably because higher-paying establishments entered the area.

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

Table 2. Wage increases, office and plant—all metropolitan areas

(Percentage increases in average earnings ¹ for selected occupational groups in all metropolitan areas, ² United States and regions, ³ for selected periods)

Period ⁴ and region	All industries				Manufacturing			
	Office clerical	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Industrial nurses	Skilled maintenance	Unskilled plant
<u>February 1960 to February 1961</u>								
United States.....	3.3	3.7	3.6	3.6	3.5	3.7	3.6	3.7
Northeast.....	3.6	3.6	3.7	3.6	3.7	3.4	3.6	3.7
South.....	3.2	3.8	3.6	2.6	3.5	3.9	3.3	3.0
North Central.....	2.8	3.9	3.6	4.1	3.2	4.0	3.6	3.9
West.....	3.7	3.4	3.6	3.7	3.4	3.3	3.8	3.4
<u>February 1961 to February 1962</u>								
United States.....	3.3	3.6	3.1	3.2	3.2	3.4	2.9	3.2
Northeast.....	3.4	4.0	3.2	3.1	3.3	3.8	3.1	3.2
South.....	3.4	3.3	3.4	4.5	3.2	3.2	3.1	4.2
North Central.....	3.1	3.3	2.9	2.8	3.1	3.2	2.8	3.0
West.....	3.3	3.6	3.3	3.3	3.2	3.3	2.8	2.6
<u>February 1962 to February 1963</u>								
United States.....	2.9	3.3	2.7	3.3	2.8	3.3	2.5	2.8
Northeast.....	2.8	3.6	2.6	3.6	2.8	3.6	2.3	2.7
South.....	3.2	3.2	2.6	2.3	2.9	3.0	2.4	2.1
North Central.....	2.5	2.8	2.7	3.2	2.5	2.8	2.6	2.9
West.....	3.4	4.4	2.7	4.1	3.3	4.5	2.7	3.3
<u>February 1963 to February 1964</u>								
United States.....	2.8	2.8	2.7	3.1	2.7	2.8	2.6	2.9
Northeast.....	3.0	2.5	2.4	3.1	2.7	2.3	2.3	2.9
South.....	2.9	2.4	2.3	3.4	2.0	2.4	2.2	3.2
North Central.....	2.5	3.2	2.8	3.0	2.6	3.0	2.7	2.7
West.....	3.0	3.3	3.7	3.2	3.6	3.8	3.8	3.7
<u>February 1964 to February 1965</u>								
United States.....	2.8	2.5	2.4	2.9	2.5	2.3	2.2	2.6
Northeast.....	2.7	2.8	2.7	3.5	2.3	2.7	2.5	2.8
South.....	3.2	1.7	2.6	3.2	3.1	1.3	2.4	3.5
North Central.....	2.4	2.1	2.1	2.2	2.1	2.1	2.0	2.0
West.....	3.1	3.7	2.4	3.6	2.9	3.3	1.9	3.5
<u>February 1965 to February 1966</u>								
United States.....	3.2	3.8	3.7	3.1	3.0	3.9	3.6	3.1
Northeast.....	3.3	4.2	4.0	2.7	3.2	4.4	3.9	2.9
South.....	3.7	3.7	3.8	3.0	3.1	3.7	3.5	3.4
North Central.....	2.9	3.8	3.5	3.7	2.8	3.6	3.6	3.3
West.....	3.3	3.2	3.4	2.8	3.0	3.2	3.0	1.7
<u>February 1966 to February 1967</u>								
United States.....	4.3	5.3	4.1	4.3	3.6	5.0	4.2	4.0
Northeast.....	4.0	4.7	3.9	4.0	3.4	4.0	3.9	3.3
South.....	4.4	4.6	3.7	5.0	3.6	4.4	3.8	4.1
North Central.....	4.6	5.8	4.4	4.5	3.5	5.9	4.5	4.5
West.....	4.5	5.9	4.4	3.7	4.6	5.6	4.4	4.0
<u>February 1967 to February 1968</u>								
United States.....	4.9	7.3	5.5	5.4	4.5	7.4	5.5	5.3
Northeast.....	5.1	6.7	4.9	4.7	4.3	6.6	4.9	4.6
South.....	4.8	7.0	4.6	7.0	4.7	7.1	4.4	6.4
North Central.....	5.0	7.8	6.5	5.6	4.8	7.8	6.6	5.6
West.....	4.2	7.5	4.9	4.4	3.9	8.6	4.7	4.3

See footnotes at end of table.

Table 2. Wage increases, office and plant—all metropolitan areas—Continued

(Percentage increases in average earnings¹ for selected occupational groups in all metropolitan areas,² United States and regions,³ for selected periods)

Period ⁴ and region	All industries				Manufacturing			
	Office clerical	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Industrial nurses	Skilled maintenance	Unskilled plant
<u>February 1968 to February 1969</u>								
United States.....	5.8	7.6	6.5	6.1	5.6	7.5	6.5	6.1
Northeast.....	6.2	7.1	5.9	6.2	5.4	6.8	5.8	5.7
South.....	5.6	7.4	6.2	6.2	5.0	7.1	6.1	6.1
North Central.....	6.0	8.0	6.9	6.6	5.8	7.9	7.0	6.7
West.....	5.2	7.8	7.1	4.2	5.8	8.4	7.4	4.6
<u>February 1969 to February 1970</u>								
United States.....	6.4	7.3	5.9	6.1	5.8	7.1	5.7	6.3
Northeast.....	7.5	7.4	5.8	6.6	6.7	7.2	5.4	6.7
South.....	5.6	7.0	5.9	4.9	5.2	6.4	5.7	6.1
North Central.....	6.2	7.7	6.0	6.1	5.8	7.7	5.8	6.1
West.....	5.1	6.4	5.9	6.3	4.7	6.0	6.0	6.4

¹ Earnings of office clerical workers and industrial nurses (men and women) relate to regular straight-time salaries for standard workweeks. Earnings of skilled maintenance and unskilled plantworkers (men) relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.² Data for 1969 to 1970 relate to all 229 Standard Metropolitan Statistical Areas in the United States as established by the Office of Management and Budget (formerly the Bureau of the Budget) through January 1968. Data for 1968 to 1969 relate to all 227 Standard Metropolitan Statistical Areas in the United States as established by the Bureau of the Budget through April 1967. Data for 1967 to 1968 relate to 227 areas as established through April 1966; for 1966 to 1967 to 221 areas as established through March 1965; and for 1963-64, 1964-65, and 1965-66 to 212 areas as defined through 1961. Data for earlier comparisons relate to 188 areas as established through 1959.³ For definition of regions, see footnote 3 to the table in appendix A. Data for the 212 areas include Alaska and Hawaii in addition to the States listed.⁴ Average months of reference. Individual area surveys were conducted from July of one year through June of the next year.

Table 3. Wage indexes, office and plant—all metropolitan areas

(Indexes of average earnings¹ for selected occupational groups in all metropolitan areas,² United States and regions,³ February 1960 to February 1970)

(February 1961=100)

Occupational group and period ⁴	United States		Northeast		South		North Central		West	
	All industries	Manu- facturing	All industries	Manu- facturing	All industries	Manu- facturing	All industries	Manu- facturing	All industries	Manu- facturing
Office clerical:										
February of—										
1960.....	96.8	96.7	96.5	96.4	96.9	96.6	97.3	96.9	96.4	96.7
1961.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1962.....	103.3	103.2	103.4	103.3	103.4	103.2	103.1	103.1	103.3	103.2
1963.....	106.2	106.0	106.3	106.1	106.7	106.2	105.7	105.7	106.8	106.6
1964.....	109.2	109.0	109.4	109.0	109.8	108.3	108.3	108.5	110.0	110.5
1965.....	112.3	111.6	112.4	111.6	113.4	111.8	111.0	110.8	111.3	113.7
1966.....	115.9	115.0	116.2	115.2	117.5	115.2	114.2	113.9	117.0	117.1
1967.....	120.9	119.2	120.7	119.1	122.7	119.3	119.4	117.8	122.4	122.5
1968.....	126.8	124.5	127.0	124.2	128.6	124.8	125.3	123.5	127.5	127.3
1969.....	134.2	131.4	134.8	130.9	135.8	131.1	132.8	130.7	134.0	134.6
1970.....	142.7	139.1	144.9	139.6	143.4	137.9	141.0	138.2	140.9	140.9
Industrial nurses:										
February of—										
1960.....	96.4	96.4	96.5	96.7	96.4	96.3	96.3	96.1	96.7	96.8
1961.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1962.....	103.6	103.4	104.0	103.8	103.3	103.2	103.3	103.2	103.6	103.3
1963.....	107.0	106.8	107.7	107.5	106.6	106.2	106.3	106.1	108.1	108.0
1964.....	110.1	109.8	110.3	110.0	109.1	108.8	109.7	109.2	111.7	112.1
1965.....	112.8	112.3	113.5	113.0	111.0	110.2	112.0	111.5	115.9	115.8
1966.....	117.2	116.7	118.2	118.0	115.1	114.3	116.2	115.6	119.6	119.5
1967.....	123.3	122.5	123.9	122.7	120.4	119.3	122.9	122.4	126.6	126.2
1968.....	132.3	131.6	132.2	130.7	128.8	127.7	132.5	131.9	136.2	137.0
1969.....	142.3	141.4	141.5	139.6	138.4	136.8	143.2	142.3	146.8	148.5
1970.....	152.8	151.5	152.0	149.6	148.1	145.6	154.3	153.3	156.2	157.3
Skilled maintenance:										
February of—										
1960.....	96.5	96.5	96.4	96.5	96.6	96.8	96.5	96.5	96.6	96.3
1961.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1962.....	103.1	102.9	103.2	103.1	103.4	103.1	102.9	102.8	103.3	102.8
1963.....	105.9	105.5	105.9	105.5	106.2	105.6	105.7	105.4	106.1	105.6
1964.....	108.8	108.2	108.5	107.9	108.6	107.9	108.7	108.2	110.0	109.6
1965.....	111.4	110.5	111.4	110.5	111.4	110.4	111.0	110.4	112.6	111.6
1966.....	115.5	114.5	115.8	114.8	115.7	114.3	114.9	114.4	116.4	115.0
1967.....	120.3	119.3	120.4	119.3	120.0	118.6	120.0	119.5	121.5	120.0
1968.....	126.9	125.9	126.3	125.1	125.5	123.9	127.8	127.4	127.5	125.7
1969.....	135.1	134.1	133.7	132.4	133.4	131.5	136.6	136.4	136.5	134.9
1970.....	143.1	141.7	141.5	139.5	141.2	138.9	144.8	144.3	144.5	143.1
Unskilled plant:										
February of—										
1960.....	96.5	96.5	96.6	96.4	97.4	97.1	96.1	96.2	96.5	96.7
1961.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1962.....	103.2	103.2	103.1	103.2	104.5	104.2	102.8	103.0	103.3	102.6
1963.....	106.6	106.0	106.8	106.0	106.9	106.4	106.1	106.0	107.5	106.0
1964.....	110.0	109.1	110.1	109.1	110.6	109.8	109.3	108.8	111.0	109.9
1965.....	113.2	112.0	113.9	112.1	114.2	113.7	111.7	111.0	115.0	113.8
1966.....	116.8	115.4	116.9	115.3	117.6	117.6	115.9	114.7	118.3	115.7
1967.....	121.8	120.1	121.6	119.1	123.4	122.3	121.0	119.9	122.7	120.4
1968.....	128.4	126.4	127.3	124.5	132.1	130.2	127.8	126.5	128.1	125.6
1969.....	136.2	134.1	135.2	131.7	140.2	138.1	136.2	134.9	133.4	131.4
1970.....	144.4	142.6	144.1	140.5	147.1	146.6	144.5	143.2	141.8	139.8

¹ Earnings of office clerical workers and industrial nurses (men and women) relate to regular straight-time salaries that are paid for standard workweeks. Earnings of skilled maintenance and unskilled plantworkers (men) relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.² For number of areas and date of definition, see footnote 2, table 2.³ For definition of regions, see footnote 3 to the table in appendix A. Data for 1964, 1965, and 1966 include Alaska and Hawaii in addition to the States listed.⁴ Average months of reference. Individual area surveys were conducted from July of one year through June of the next.

Pay Differences Between Men and Women in the Same Job

Average earnings of men employed in the Nation's metropolitan areas almost always exceed earnings of women in the same occupation. These all-establishment differences can be partially explained by the variation in the distribution of the sexes among establishments with differing pay levels. The largest pay differences among the sexes occur when earnings of men in firms that employ only men (in a given occupation) are compared with the earnings of women in firms that employ only women. When earnings of the sexes are compared for establishments that employ both men and women in a job, the earnings gap diminishes significantly. Smallest earnings differences are found within individual establishments. These relationships have been observed in men's and women's wage levels in eight office and two plant occupations with significant numbers of both sexes.

Among and within establishments

Based on data for all establishments, the simple average wage differential by sex for the 10 occupations selected for the study favored men by 18 percent in 1970. (See table 4.) In each occupation, men had higher average earnings than women; advantages ranged from 8 percent for messengers (office boys and girls) to 34 percent for order clerks. There was no consistent relationship between the earnings level of an occupation and the size of the spread in average earnings between the sexes. The advantage of men in three categories of tabulating-machine operators, for example, amounted to 11 or 12 percent, despite a substantial difference in earnings levels in those categories. On the other hand, the advantage for male accounting clerks, class A, was 19 percent, compared with 24 percent for those in the lower paid class B accounting clerk category. Published averages are influenced, however, by the manner in which men and women are distributed among establishments with different pay levels.

An examination of manufacturing establishments, for example, revealed that the lowest average earnings for the 10 occupations were found in such labor-intensive industries as apparel and leather products. In most cases, women represented a higher proportion of the employment in the selected occupations in these industries than in the higher paying, capital-intensive industries such as petroleum and coal products and transportation equipment.

The 18-percent advantage of men at the all-establishment level dropped to 11 percent in establishments that employed both men and women in an occupation, and rose to 22 percent in those employing only one sex in an occupation. Table 4 indicates that average earnings of men were generally similar in each group of establishments, while women averaged substantially less in establishments employing only one sex in the job than in the other groups. Thus, women seem to fare better (in terms of earnings) in establishments where they have male occupational counterparts.

Data presented in table 5 compare men's and women's earnings within individual establishments. As distinct from data shown in table 4, where occupational mean earnings and relatives are presented for workers in selected groups of establishments, table 5 shows quartile values for establishments employing both sexes in a given job; each establishment is counted as a single measure regardless of the number of workers affected. The values shown in table 5 were obtained by (1) dividing average earnings of women in an occupation into the corresponding average for men, to arrive at a plus or minus percentage relationship for the occupation and establishment, and (2) arraying these percentages to observe medians and middle ranges. For 6 of the 10 occupations, median establishment percentage differences in men's and women's earnings amounted to 2 percent or less, including two jobs (class B and C tabulating-machine operators) in which women held a slight advantage. The largest median percentage (favoring men by 9 percent) was recorded for order clerks. As indicated by the middle range of percentage differences, women frequently averaged more than men performing similar tasks in the same establishment.

The comparisons of men's and women's earnings within the same job and establishment do not eliminate all factors that contribute to sex-wage differentials. An important factor not taken into account in comparisons is length-of-service wage increases under pay systems that include ranges of rates for a given occupation. Such systems are more prevalent for office than plant occupations. Because of longer job tenure, men usually have higher average earnings than women employed under the same rate range. Also, job descriptions used in BLS wage surveys usually are more generalized than those used in individual establishments because allowance must be made for differences in duties that occur among establishments. An establishment may, for example, pay men performing heavy janitorial work more than women with light cleaning duties, but both would be classified as janitors in the wage survey.

Trends

This study is the third undertaken by BLS on men's and women's earnings in the same occupation; previous studies were based on data from area wage surveys conducted in 1958-59 and 1966. The 1958-59 study—limited to 20 individual areas—does not afford direct comparison with the 1966 and 1970 studies, which provide estimates for all metropolitan areas. Comparisons of data for 1966 and 1970 show that the average wage advantage for men in the 10 jobs combined remained the same (11 percent) in establishments employing both sexes in the jobs, and about the same (21 and 22 percent) in other establishments. As indicated in text table 5, this pattern was not consistent for individual occupations.

Text table 5. Percent by which men's average earnings exceeded women's in selected establishment groups, all metropolitan areas, 1966 and 1970

Occupation	Establishments employing both men and women		Establishments employing only men and women	
	1966	1970	1966	1970
Clerks, accounting, class A-----	12	12	23	22
Clerks, accounting, class B-----	14	14	27	28
Clerks, order -----	26	25	38	34
Clerks, payroll-----	8	13	26	25
Office boys or girls -----	4	5	6	9
Tabulating-machine operators:				
Class A-----	6	6	10	16
Class B-----	4	5	13	14
Class C-----	4	4	8	13
Janitors, porters, and cleaners-----	18	13	37	32
Packers, shipping-----	18	10	25	22
Unweighted average difference-----	11	11	21	22

To span 1964, when the Equal Pay Act went into effect, published BLS averages for men and women in the 10 jobs in 1960, 1965, and 1970 were compared. Relative to men's average earnings, there was little change in women's earnings over the period. In 1960, men's earnings exceeded women's by an average of 19 percent for the 10 occupations; this figure dropped to 18 percent in 1965 and remained at that level in 1970. A look at individual jobs during the 10-year period shows mixed patterns. (Text table 6.) Among the notable declines in men's advantage were those in the two plant jobs: The spread dropped from 20 to 15 percent for janitors and from 23 to 17 percent for shipping packers; most of the declines occurred between 1965 and 1970. It is difficult to observe from these data any consistent effect resulting from the Equal Pay Act.

Text table 6. Percents by which men's average earnings exceeded women's in all establishments, all metropolitan areas, 1960, 1965, and 1970

Occupation	1960	1965	1970
Clerks, accounting, class A-----	24	21	19
Clerks, accounting, class B-----	27	22	24
Clerks, order -----	37	37	34
Clerks, payroll-----	29	28	27
Office boys or girls -----	4	4	8
Tabulating-machine operators:			
Class A-----	11	6	11
Class B-----	11	9	11
Class C-----	8	9	12
Janitors, porters, and cleaners-----	20	18	15
Packers, shipping-----	23	23	17
Unweighted average difference-----	19	18	18

The Equal Pay Act requires employers to pay both sexes equal compensation for work demanding equal skill, effort, and responsibility; but it allows for wage differentials based on seniority, merit, quality and quantity of work performed, and other factors unrelated to sex. Litigation under the act produced mixed results in the earlier years. The work "equal," as applied to skill, effort, and responsibility, was subject to various interpretation. In 1970, a Federal court of appeals ruled, in *Shultz v. Wheaton Glass Company*, that jobs must be only "substantially equal" and not "identical" to command equal pay.

The U.S. Department of Labor, which administers the act, has been actively involved in the question of sex-wage discrimination. As of the end of June 1971, about 84,000 employees, nearly all of them women, have shared more than 33 million dollars in underpayment as a result of voluntary compliance agreements and court judgments initiated under the act.

Table 4. Average earnings of men and women

(Average earnings¹ of men and women in 10 occupational classifications in all metropolitan areas combined, February 1970²)

Occupation	All establishments			Establishments employing both men and women			Establishments employing only men or women		
	Average weekly or hourly earnings		Percent by which men's earnings exceeded women's	Average weekly or hourly earnings		Percent by which men's earnings exceeded women's	Average weekly or hourly earnings		Percent by which men's earnings exceeded women's
	Men	Women		Men	Women		Men	Women	
<u>Office</u>									
Clerks, accounting, class A.....	\$145.00	\$122.00	19	\$145.50	\$129.50	12	\$145.00	\$118.50	22
Clerks, accounting, class B.....	119.50	96.50	24	119.50	105.00	14	121.00	94.50	28
Clerks, order.....	133.00	99.00	34	137.00	109.50	25	131.00	97.50	34
Clerks, payroll.....	139.50	110.00	27	144.50	128.00	13	134.50	108.00	25
Office boys or girls.....	88.50	82.00	8	88.00	83.50	5	88.50	81.00	9
Tabulating-machine operators:									
Class A.....	149.00	134.50	11	148.00	140.00	6	149.50	129.00	16
Class B.....	124.50	112.50	11	123.00	117.50	5	125.50	110.50	14
Class C.....	106.50	95.00	12	108.00	104.00	4	106.00	93.50	13
<u>Plant</u>									
Janitors, porters, and cleaners.....	2.46	2.13	15	2.42	2.14	13	2.53	1.92	32
Packers, shipping.....	2.90	2.48	17	2.89	2.62	10	2.91	2.39	22
Unweighted average difference.....	-	-	18	-	-	11	-	-	22

¹ Earnings of officeworkers relate to regular straight-time salaries that are paid for standard workweeks. Earnings of plantworkers relate to hourly earnings, excluding premium pay for overtime and for work on weekends, holidays, and late shifts.

² Average month of reference. Data were collected during the period July 1969 through June 1970.

Table 5. Within-establishment earnings differences

(Median and middle ranges¹ of within-establishment percentage differences by which men's earnings exceeded women's in 10 occupations, all metropolitan areas, by region and industry division, February 1970²)

Occupation	United States		Northeast		South		North Central		West			
	Median	Middle range	Median	Middle range	Median	Middle range	Median	Middle range	Median	Middle range		
Clerks, accounting, class A.....	4	-2 to 13	3	-3 to 10	7	0 to 17	6	0 to 14	1	-3 to 7		
Clerks, accounting, class B.....	4	-2 to 13	2	-2 to 9	6	-1 to 15	8	0 to 16	1	-3 to 8		
Clerks, order.....	9	1 to 25	7	0 to 17	13	2 to 29	15	2 to 31	5	0 to 16		
Clerks, payroll.....	2	-3 to 14	1	-5 to 11	1	-4 to 15	4	0 to 17	1	-1 to 11		
Office boys.....	1	-2 to 8	0	-3 to 7	1	-3 to 6	2	-2 to 10	1	0 to 5		
Tabulating-machine operators:												
Class A.....	0	-5 to 6	0	-5 to 5	-	-	1	-5 to 7	-	-		
Class B.....	-1	-7 to 3	0	-3 to 5	-1	-7 to 4	-2	-7 to 3	-3	-7 to 0		
Class C.....	-1	-7 to 4	-3	-6 to 1	-	-	1	-7 to 5	-	-		
Janitors, porters, and cleaners.....	6	0 to 14	6	0 to 16	4	0 to 9	8	1 to 19	3	0 to 10		
Packers, shipping.....	1	0 to 8	4	0 to 10	1	0 to 7	1	0 to 8	0	0 to 4		
	Manufacturing		Public utilities		Wholesale trade		Retail trade		Finance		Services	
	Median	Middle range	Median	Middle range	Median	Middle range	Median	Middle range	Median	Middle range	Median	Middle range
Clerks, accounting, class A.....	3	-1 to 11	2	-1 to 7	7	0 to 12	5	-3 to 16	5	-3 to 12	3	-4 to 12
Clerks, accounting, class B.....	4	-2 to 14	1	-2 to 5	9	0 to 16	6	0 to 17	4	0 to 10	4	-3 to 9
Clerks, order.....	9	0 to 26	-	-	13	3 to 27	-	-	-	-	-	-
Clerks, payroll.....	3	-3 to 15	2	-1 to 8	-	-	-	-	-	-	0	-6 to 14
Office boys.....	0	-4 to 5	0	0 to 6	0	-2 to 5	5	-1 to 8	2	-2 to 8	0	-5 to 7
Tabulating-machine operators:												
Class A.....	0	-4 to 7	-	-	-	-	-	-	-2	-8 to 6	-	-
Class B.....	-1	-5 to 2	0	-7 to 0	-	-	-	-	-1	-6 to 6	-	-
Class C.....	0	-5 to 3	-	-	-	-	-	-	0	-6 to 5	-	-
Janitors, porters, and cleaners.....	3	0 to 8	4	0 to 16	5	0 to 15	11	4 to 20	13	1 to 22	5	0 to 12
Packers, shipping.....	1	0 to 7	-	-	0	0 to 8	4	0 to 12	-	-	-	-

¹ The median designates position—half of the establishments recorded greater differentials than that shown; half recorded less than that shown. The middle range is defined by 2 values; a fourth of the establishments recorded smaller differentials than the lower value shown and a fourth recorded differentials larger than the higher value shown.

² Average month of reference. Data were collected during the period July 1969 through June 1970.

NOTE: A minus sign indicates that men's average earnings were lower than women's in the establishments. Dashes indicate that data did not meet publication criteria.

Time and Incentive Pay Practices

Earnings of 6 out of 7 nonsupervisory plantworkers and almost all officeworkers in the Nation's metropolitan areas were based on time rather than incentive payments in 1969-70.¹⁴ When compared to similar surveys conducted 7 years earlier, these findings showed a trend away from incentive payments toward wider prevalence of time payments under range-of-rate plans for plantworkers.¹⁵

Time rates under formal pay plans covered about three-fourths of the plantworkers and officeworkers, up from approximately two-thirds reported in the earlier study. Formal pay plans, which incorporate time rates, provide either a single rate or a range of rates for each job category. Single-rate and range-of-rate plans applied overall to about equal proportions of plantworkers (36 and 37 percent, respectively). This represents a larger proportion of workers covered by range-of-rate plans than in the earlier study (28 percent). In both the current and earlier study, range-of-rate plans prevailed among officeworkers (69 and 60 percent, respectively).

In the absence of a formal wage payment plan, rates are based primarily on the qualifications of the individual worker. Since the earlier study, such pay rates have decreased more among officeworkers than among plantworkers. The 1969-70 survey showed that about one-eighth of the plantworkers and nearly three-tenths of the officeworkers were not covered by formal wage payment plans.

About four-fifths of the incentive-paid plantworkers were employed in manufacturing industries in both the current and the earlier study. Wage payment plans incorporating piecework applied to about half of them and production bonus systems to the other half. Most of the other incentive paid workers were in wholesale and retail trade and were paid a commission.

Trends

A comparison of the 1969-70 surveys with the 1962-63 surveys showed that there was an increase in the proportions of time-rated plantworkers and officeworkers under range-of-rate plans, a smaller proportion of incentive-paid plantworkers and a smaller proportion of officeworkers under no formal wage plan. This pattern held in each of the 6 broad industry divisions, the 4 regions, and in virtually all of the 85 areas surveyed.

¹⁴ The findings relate to actual proportions of plantworkers and officeworkers under basic types of wage payment plans. In establishments where more than one type of wage payment plan existed, the number of workers under each type was reported.

¹⁵ See Wages and Related Benefits, Part II: Metropolitan Areas, United States and Regional Summaries, 1962-63 (BLS Bulletin 1345-83), pp. 61-64. These survey findings showed 4 out of 5 plantworkers receiving time pay.

Among the most probable reasons for the decline in the incidence of incentive-paid plantworkers are shifts in employment among establishments with no change in type of wage payment plan, and establishments introducing new work methods which cause shifts in the ratio of direct to indirect workers.¹⁶ Another reason for the decline, although not substantiated by the survey findings, may be changes in establishment policy relating to wage payment plans.

In the transportation, communication, and other public utilities division, the principal changes for both plantworkers and officeworkers were smaller proportions of workers under single-rate plans, and larger proportions of workers under range-of-rate plans in the 1969-70 period. These changes may be accounted for partially by the overall decrease in employment in railroads. Wage plans in railroads involve primarily single-rate plans. According to the Bureau's statistical series on payroll employment, employment in railroads in 1970 was four-fifths of the 1963 employment, while overall employment in the division grew by 15 percent.

Plantworkers

In each industry division, even at the regional level (the lowest level of aggregation available), at least seven-tenths of the plantworkers were paid time rates according to the 1969-70 surveys. In public utilities, virtually all plantworkers were time rated. Except in the two trades industry divisions, the West showed the largest proportion of time-paid workers.

Almost all of the time-rated plantworkers in public utilities were employed under formal rate structures. Manufacturing industries showed the second highest proportion (93 percent of the time-rated workers). Formal plans applied to about seven-tenths of the time-rated workers in wholesale trade, retail trade, and services.

Among the regions, about nine-tenths of the time-rated plantworkers in the Northeast, North Central, and West were employed under formal rate structures, compared with seven-tenths in the South. In the South, formal rate structures applied to about nine-tenths of the

¹⁶ See George L. Stelluto, "Report on Incentive Pay in Manufacturing Industries," Monthly Labor Review, July 1969, pp. 49-53. Stelluto compared information on 18 selected industries in which matched surveys were conducted between 1963 and the spring of 1968. Proportions of production and related workers paid under incentive wage plans were virtually unchanged for most of the industries—those manufacturing cigars and certain types of nonelectrical machinery had experienced substantial declines. He concluded that it appeared unlikely that substantial shifts in the incidence of incentive-paid workers would occur over the next few years in those industries which are firmly committed to wage incentives (such as apparel and footwear manufacturing), or in machine-paced industries where few incentive-paid workers are found.

time-rated plantworkers in manufacturing and public utilities and about half of the time-rated plantworkers in wholesale trade, retail trade, and services. In the other three regions, formal rate structures applied to 70 percent or more of the time-rated plantworkers in each of the industry divisions.

Single-rate plans generally covered larger proportions of plantworkers in manufacturing, wholesale trade, and services than did range-of-rate plans. In public utilities, range-of-rate plans were slightly more prevalent. In retail trade, range-of-rate plans covered more than twice as many workers as single-rate plans. In each industry division except public utilities, the West showed the largest proportions of plantworkers employed under single-rate plans.

In this study, provisions for progression under range-of-rate plans were grouped under three general types. Of the plantworkers employed under range-of-rate plans, progression based only on automatic advancement according to length of service covered two-fifths; progression based on a combination of various concepts of length of service and merit review, one-third; and progression based only on merit review, one-fourth. Among the industry divisions, these same proportions were found in manufacturing—where slightly over half of the plantworkers under range-of-rate plans were employed. In public utilities, where one-seventh of the workers under range-of-rate plans were employed, automatic advancement according to length of service markedly prevailed—applying to just under three-fourths of them. In the other three industry divisions, each of the three types of provisions for progression applied to about equal proportions of the workers under range-of-rate plans.

Only in manufacturing did the proportion of plantworkers paid under incentive methods (20 percent) exceed the nationwide incidence (14 percent). The proportions in manufacturing ranged from 27 percent in the Northeast to 6 percent in the West. About half of the workers in manufacturing were employed under systems incorporating piecework rates, and the other half under systems incorporating production bonuses. In the Northeast and South, individual piecework systems were markedly predominant over other incentive systems. The largest proportions of workers paid production bonuses were in the Northeast and North Central Regions—with about equal proportions of workers being paid under individual and group systems.

Incentive wage plans are most prevalent when workers are able to exercise substantial control over the pace of output. Few incentive wage plans are found where the work performed is largely

machine-paced. Between the two extremes, the extent of incentive pay practices depends largely on management preference, degree of product standardization, and labor-management relationships.

Incentive wage plans generally are limited to workers directly engaged in production; some plans, however, also cover indirect operations, such as maintenance and custodial work. The broader coverage usually is found in establishments which have group bonus plans, under which a stipulated proportion of the incentive pay of workers directly engaged in production is set aside for workers engaged in activities related to production.

Officeworkers

Almost all officeworkers were paid time rates and formal wage payment plans covered almost three-fourths of them. In the manufacturing, public utilities, and finance industry divisions—where slightly more than three-fourths of the officeworkers were employed—75 percent or more of the workers were paid under formal wage payment plans, and in the other three industry divisions, slightly over half. The largest proportions of workers paid under formal plans were in the West (81 percent), and the smallest proportions in the South (61 percent).

The large proportions of officeworkers covered by formal wage payment plans in public utilities may be accounted for partially by the relatively greater labor-management agreement coverage in this industry division. Not only does public utilities show the largest proportion of officeworkers covered by formal plans (86 percent), but also the only sizable proportion of workers covered by single-rate plans (13 percent). However, even in public utilities, the proportion reported under range-of-rate plans is nearly six times as great as the proportion reported under single-rate plans.

Nationwide, plans incorporating a range-of-rates covered all but 1 in 20 of the officeworkers employed under formal wage payment plans. Among the three types of provisions for progression under range-of-rate plans, those incorporating only merit review generally showed the largest proportions, and plans incorporating a combination of various concepts of merit review and length of service showed the next largest. In each industry division except public utilities, at least four-fifths of the officeworkers employed under range-of-rate plans were covered by these two types of provisions for progression. In public utilities, the third type of provision, automatic advancement according to length of service covered slightly over half of the officeworkers.

Table 6. Method of wage determination

(Percent distribution of plantworkers and officeworkers by method of wage determination in all metropolitan areas, by industry division and region,¹ 1969-70²)

Method of wage determination	All industries					Manufacturing					Public utilities ³				
	Total	Northeast	South	North Central	West	Total	Northeast	South	North Central	West	Total	Northeast	South	North Central	West
Plantworkers															
All workers.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Paid time rates.....	86	82	89	83	94	80	73	85	78	94	99	99	99	99	99
Formal rate policy.....	73	71	63	76	85	74	66	73	76	89	96	99	91	98	98
Single rate ⁵	36	32	32	38	46	40	34	43	41	47	43	38	41	49	43
Range of rates ⁶	37	38	31	38	39	34	32	30	35	42	54	60	50	49	55
Progression based on automatic advancement according to length of service.....	16	17	12	16	19	14	12	11	14	20	39	51	37	28	39
Progression based on merit review.....	9	11	7	9	8	9	11	7	8	10	4	3	5	4	3
Progression based on a combination of length of service and merit review.....	12	10	12	14	12	11	9	12	13	12	11	6	8	17	13
No formal rate policy.....	13	11	25	7	9	6	7	12	2	4	4	1	9	2	2
Paid by incentive methods ⁷	14	18	11	17	6	20	27	15	22	6	(8)	(8)	(8)	(8)	(8)
Piece rate.....	6	10	6	5	2	10	15	11	8	5	(8)	(8)	(8)	(8)	-
Individual.....	5	9	5	4	2	9	13	9	6	4	(8)	(8)	(8)	(8)	-
Group.....	1	1	1	1	(8)	1	2	2	2	(8)	(8)	(8)	-	-	(8)
Production bonus.....	6	8	2	10	1	10	12	4	14	2	(8)	-	(8)	(8)	(8)
Individual.....	3	3	1	5	(8)	5	5	1	7	1	(8)	-	(8)	(8)	-
Group.....	3	4	1	4	1	5	7	3	7	1	(8)	-	-	(8)	(8)
Commission.....	2	1	3	2	3	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
Officeworkers															
All workers.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Paid time rates.....	99	100	99	99	100	99	100	99	99	100	99	100	100	99	100
Formal rate policy.....	72	71	61	74	81	75	72	63	78	83	86	84	81	88	94
Single rate ⁵	3	2	3	3	4	2	3	1	1	2	13	5	16	18	17
Range of rates ⁶	69	68	58	71	77	73	69	61	77	82	73	79	65	70	78
Progression based on automatic advancement according to length of service.....	11	10	10	7	20	10	8	12	4	26	39	49	29	31	46
Progression based on merit review.....	36	41	26	40	33	43	45	31	49	38	14	12	18	14	9
Progression based on a combination of length of service and merit review.....	22	18	22	24	24	20	16	19	24	18	21	18	18	25	23
No formal rate policy.....	28	29	38	26	19	25	28	37	22	17	14	16	19	12	6
Paid by incentive methods ⁷	(8)	-	(8)	(8)	-	(8)	-	(8)	(8)	-	(8)	-	-	1	-

See footnotes at end of table.

Table 6. Method of wage determination—Continued

(Percent distribution of plantworkers and officeworkers by method of wage determination in all metropolitan areas, by industry division and region, ¹ 1969-70²)

Method of wage determination	Wholesale trade					Retail trade					Finance ⁴					Services				
	Total	North-east	South	North Central	West	Total	North-east	South	North Central	West	Total	North-east	South	North Central	West	Total	North-east	South	North Central	West
Plantworkers																				
All workers.....	100	100	100	100	100	100	100	100	100	100						100	100	100	100	100
Paid time rates.....	95	92	96	95	94	90	95	87	89	90						94	95	94	89	99
Formal rate policy.....	69	72	47	81	79	61	69	41	66	74						66	72	45	69	79
Single rate ⁵	35	35	19	43	47	18	15	10	16	40						40	39	27	40	56
Range of rates ⁶	34	37	27	38	32	43	54	30	50	35						26	33	18	29	24
Progression based on automatic advancement according to length of service.....	11	17	5	11	12	14	22	8	16	12						8	8	2	12	10
Progression based on merit review.....	10	9	8	12	10	12	17	8	15	8						9	15	6	5	7
Progression based on a combination of length of service and merit review.....	13	11	15	14	10	16	15	15	18	15						10	10	10	12	7
No formal rate policy.....	26	21	49	15	14	29	26	47	23	15						29	24	49	20	19
Paid by incentive methods ⁷	5	8	4	5	6	10	5	13	11	10						6	5	6	11	1
Piece rate.....	(⁸)	(⁸)	1	(⁸)	1	(⁸)	(⁸)	1	(⁸)	(⁸)						3	3	4	5	1
Individual.....	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	1	(⁸)	(⁸)						3	2	3	4	1
Group.....	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)						1	1	1	1	(⁸)
Production bonus.....	(⁸)	(⁸)	(⁸)	1	(⁸)	1	1	1	1	1						1	1	1	1	3
Individual.....	(⁸)	(⁸)	(⁸)	1	(⁸)	1	1	1	1	(⁸)						1	1	1	2	(⁸)
Group.....	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)						(⁸)	(⁸)	(⁸)	(⁸)	(⁸)
Commission.....	5	7	3	4	6	8	5	10	9	9						1	1	1	4	1
Officeworkers																				
All workers.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Paid time rates.....	100	100	100	100	100	99	100	99	100	100	100	100	100	100	100	100	100	100	100	100
Formal rate policy.....	52	49	44	55	64	59	61	42	66	71	76	77	67	75	83	50	45	44	42	72
Single rate ⁵	3	3	1	2	7	2	1	1	1	9	(⁸)	(⁸)	(⁸)	1	(⁸)	2	3	1	2	3
Range of rates ⁶	49	46	43	53	57	57	60	41	65	62	75	77	67	75	83	48	42	43	40	69
Progression based on automatic advancement according to length of service.....	3	2	2	2	6	9	12	5	8	12	4	3	4	1	7	4	1	3	3	14
Progression based on merit review.....	29	32	22	32	30	25	27	13	34	21	45	53	33	45	52	26	26	21	19	36
Progression based on a combination of length of service and merit review.....	17	12	19	19	21	23	21	22	22	29	27	20	30	29	34	18	15	19	18	19
No formal rate policy.....	48	51	56	45	36	41	39	58	33	29	24	23	32	25	17	50	54	56	56	28
Paid by incentive methods ⁷	-	-	-	-	-	(⁸)	-	1	-	-	-	-	-	-	-	-	-	-	-	-

¹ For definition of regions, see footnote 3 to the table in appendix A.² See footnote 2, table B-1.³ Transportation, communication, and other public utilities.⁴ See footnote 5, table B-2.⁵ Single-rate plans provide the same rate to all experienced workers in the same job classification. Learners, apprentices, and probationary workers may start at a rate below the single-rate classification and achieve full rate over a period of time.⁶ Range-of-rate plans specify the minimum or maximum rates, or both, paid experienced workers for the same job classification.⁷ Incentive methods include piecework, production bonuses, or commissions for which a predetermined rate is paid for each unit of output. Production bonuses are based on production over a quota or on completion of a job in less than standard time. Commissions are based on a percentage of sales or on a combination of salary plus a percentage.⁸ Less than 0.5 percent.

Frequency of Wage Payment

About 8 of every 10 plantworkers in metropolitan areas were paid weekly in 1969-70. Another 14 percent were paid biweekly; most of the remaining were paid semimonthly. Less than 0.5 percent were paid on a monthly or other basis. (See table 7.)

The weekly pay schedule was the most common for officeworkers, but was not as prevalent as for plantworkers. Forty-one percent of the officeworkers were paid weekly, compared with 29 percent paid biweekly and 28 percent semimonthly. Another 2 percent of the officeworkers were paid monthly.

Weekly pay schedules applied to 91 percent of the plantworkers in the Northeast, compared with about 80 percent in the South and North Central Regions and 68 percent in the West. Most

of the remaining plantworkers in these regions were paid biweekly. For officeworkers, most common pay schedules were weekly in the Northeast and South, and semimonthly in the North Central and West.

Among the six broad industry divisions studied, the weekly payment schedule for plantworkers was most prevalent in manufacturing (88 percent) and least prevalent in public utilities (56 percent). Thirty percent of the plantworkers in public utilities were paid biweekly; another 14 percent were paid semimonthly. Among officeworkers, the weekly payment schedule was most common in retail trade (75 percent) and least common in finance (18 percent).

Table 7. Frequency of wage payment(Percent distribution of plantworkers and officeworkers by frequency of wage payment in all metropolitan areas, by industry division and region,¹ 1969-70²)

Frequency of wage payment	All industries	Industry division						Region ¹			
		Manufacturing	Public utilities ³	Wholesale trade	Retail trade	Finance ⁴	Services	Northeast	South	North Central	West
		Plantworkers									
All workers.....	100	100	100	100	100		100	100	100	100	100
Weekly.....	82	88	56	78	81		70	91	80	81	68
Biweekly.....	14	11	30	16	14		16	8	13	16	22
Semimonthly.....	4	1	14	5	4		14	1	5	3	10
Monthly.....	(⁵)	(⁵)	(⁵)	1	(⁵)		1	(⁵)	(⁵)	(⁵)	(⁵)
Other frequency.....	(⁵)	(⁵)	(⁵)	(⁵)	-		(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
		Officeworkers									
All workers.....	100	100	100	100	100	100	100	100	100	100	100
Weekly.....	41	50	41	46	75	18	40	52	40	32	35
Biweekly.....	29	21	37	24	17	42	28	33	25	29	27
Semimonthly.....	28	26	21	27	8	38	29	14	29	37	36
Monthly.....	2	3	1	3	(⁵)	2	3	2	5	2	1
Other frequency.....	(⁵)	(⁵)	(⁵)	(⁵)	-	(⁵)	-	(⁵)	(⁵)	(⁵)	(⁵)

¹ For definition of regions, see footnote 3 to the table in appendix A.² See footnote 2, table B-1.³ Transportation, communication, and other public utilities.⁴ See footnote 5, table B-2.⁵ Less than 0.5 percent.

Establishment Practices and Supplementary Wage Provisions

Paid holidays, paid vacations, and various types of health, insurance, and retirement benefits were wide-spread among workers in the Nation's metropolitan areas during the past decade.¹⁷ Although the prevalence of these benefits rose slightly, most dramatic changes in the 1960's were toward liberalized benefits—more paid holidays, longer paid vacations, and better health and welfare benefits. The incidence of benefits financed entirely by employers rose markedly during the 1960-70 period, along with a substantial increase in coverage of major medical insurance.

Late-shift pay provisions and practices in manufacturing

In 1970, approximately 88 percent of manufacturing plantworkers were in establishments having provisions for second-shift work; regional estimates ranged from about 80 percent in the Northeast to about 95 percent in the North Central Region. Only 26 percent of the workers were actually working on late shifts at the time of the survey. Second-shift employment ranged from 16.5 percent of the plantworkers in the Northeast to 22.1 percent in the North Central Region; and third-shift employment, from 5.7 percent in the West to 8.1 percent in the South.

The two most common types of premium pay for workers on late shifts were uniform cents-per-hour and uniform percentage additions to first-shift rates. About 55 percent of the workers had second shift provisions calling for a uniform cents-per-hour differential, while about 25 percent had provisions for a uniform percentage differential.

During the 1960-70 period, proportions of plantworkers in manufacturing employed on late shifts increased from 23 to 26 percent. As indicated in text table 7, the average cents-per-hour differential for workers on late shifts increased from 8.8 cents to 11.4 cents for second shift work and from 11.1 to 14.3 cents for third shift work, whereas the average percent differential remained almost the same over the 10-year period.

¹⁷ See "Fringe Benefits of Urban Workers," *Monthly Labor Review*, November 1971, pp. 41-44. This article by Lester L. Petermann covers trends in fringe benefits during the 1960's.

Text table 7. Percent of manufacturing plantworkers by type and amount of shift differential, 1960 and 1970

Shift operation and type of differential	Establishments having provisions for late-shift operations		Actually working on late shifts	
	1960	1970	1960	1970
Second shift				
With shift pay differential-----	81.4	83.9	15.5	18.4
Uniform cents (per hour) -----	53.6	55.3	10.5	12.3
Average cents-per-hour differential-----	8.8	11.3	8.8	11.4
Uniform percentage -----	23.2	25.3	4.0	5.4
Average percentage differential-----	8.0	7.9	7.8	7.5
Other ¹ -----	4.5	3.3	.9	.7
With no shift pay differential -----	4.4	3.9	1.0	.9
Third shift				
With shift pay differential-----	72.8	76.9	6.1	6.8
Uniform cents (per hour) -----	43.6	46.1	4.6	5.0
Average cents-per-hour differential-----	11.4	14.8	11.1	14.3
Uniform percentage -----	18.6	21.6	1.0	1.2
Average percentage differential-----	10.1	10.3	9.9	9.9
Other ¹ -----	10.6	9.2	.5	.6
With no shift pay differential -----	1.8	1.1	.2	.1

¹ Includes pay at regular rate for more hours than worked, a paid lunch period not given to first-shift workers, a flat-sum per shift, and other provisions. Most "other," however, were in establishments which provided one such provision in combination with a cents or percentage differential for hours actually worked.

Scheduled weekly hours

The 40-hour workweek remains the most typical work schedule among plantworkers and officeworkers.¹⁸ Four out of 5 plantworkers and about 3 out of 5 officeworkers were scheduled to work a 40-hour week. The remaining plantworkers were about evenly divided among scheduled workweeks of under and over 40 hours, whereas nearly all of the remaining officeworkers worked fewer than 40 hours. (See table B-2.)

¹⁸ The scheduled workweek is the number of hours which a majority of the full-time workers were expected to work, at the time of the survey, whether they were paid straight-time or overtime rates.

During the past 2 years the national average scheduled weekly hours for plantworkers declined two-tenths of an hour to 40.3 hours. Between 1960 and 1970, the average ranged from 40.3 to 40.6 hours. In the manufacturing industry division, the average scheduled weekly hours declined slightly from 40.3 to 40.2 hours during the 1960-65 period, increased to a high of 40.6 hours in 1967, and was reported at 40.4 hours in 1970. Among the nonmanufacturing industry divisions, especially in the retail trade and services industries, the average workweek for plantworkers has declined since 1960. Over the 10-year period, the work schedule in services decreased by over an hour—from 41.8 to 40.5 hours—while the average workweek in retail trade was reduced by 1 hour to 40.2 hours. In 1970, plantworkers in retail trade and public utilities shared the shortest scheduled weekly hours, while workers in the wholesale trade industry had the longest (40.6).

For officeworkers, the national average scheduled workweek has declined two-tenths to 38.8 hours since 1960. As in 1960, officeworkers in the finance industries still had the shortest workweek (37.9 hours), which was almost an hour and a half less per week than the longest workweek (39.3 hours in manufacturing).

In most of the regions, the average workweeks for plantworkers and officeworkers have declined during the 1960 to 1970 period. The foremost exception has been in the North Central Region, where plantworkers now have an average workweek of 40.6 hours—two-tenths of an hour longer than in 1960.

For plantworkers, the longest average workweek (40.7 hours) was in the South, and the shortest, 39.9 hours was in the Northeast. However, the South's work schedule has decreased 1 hour since 1960, the largest decrease in average hours recorded among the regions. In the Northeast, a majority of officeworkers worked fewer than 40 hours; the average was 37.6 hours—almost 2 hours fewer than in the other regions. Although the Northeast had the shortest workweek, the average was affected greatly by the New York area. In 1970, 56 percent of the officeworkers in New York had a 35-hour workweek. The Northeast's average workweek, without New York, would rise from 37.6 to 38.5 hours—almost a full hour.

Percent of plantworkers and officeworkers
by scheduled weekly hours, 1960 and 1970

Weekly hours	Plantworkers		Officeworkers	
	1960	1970	1960	1970
Under 40 hours -----	7	9	34	38
40 hours -----	81	81	64	61
Over 40 hours -----	12	10	2	1
Average scheduled weekly hours -----	40.5	40.3	39.0	38.8

Paid holidays

Almost all officeworkers and 96 percent of the plantworkers in metropolitan areas were employed in establishments providing paid holidays. Of those receiving paid holidays, the average number was 8.4 for officeworkers and 7.8 for plantworkers; the overall average (plantworkers and officeworkers combined) was 8.0 days a year. Almost no change in the proportion of workers receiving paid holidays has been recorded since 1960, the earliest period for which national estimates of fringe benefits are available. As shown in text table 8, the average number of days received generally has increased, and plantworkers usually received the larger increase. Nevertheless, for all industry divisions studied, officeworkers continued to receive more paid holidays annually than did plantworkers.

Text table 8. Average number of paid holidays provided plantworkers and officeworkers, 1960 and 1970

Industry division and regions	Plantworkers		Officeworkers	
	1960	1970	1960	1970
All industries -----	6.9	7.8	7.8	8.4
<u>Industry division</u>				
Manufacturing -----	7.1	8.3	7.4	8.7
Nonmanufacturing:				
Public utilities -----	7.5	8.3	7.8	8.5
Wholesale trade -----	7.1	7.8	7.4	8.0
Retail trade -----	6.0	6.6	6.6	7.1
Finance -----	-	-	8.9	8.8
Services -----	5.9	6.7	7.4	7.8
<u>Region</u>				
Northeast -----	7.6	8.6	9.0	9.7
South -----	6.0	6.6	6.7	7.1
North Central -----	6.7	8.0	7.0	8.0
West -----	6.9	7.8	7.5	8.3

Nationwide, the average increase since 1960 for plantworkers was nine-tenths of a day, while the officeworkers' average advanced by six-tenths of a day. Among the industry divisions, the largest increase for officeworkers was in manufacturing, where the average number of days increased from 7.4 to 8.7 days. For plantworkers, the largest increase was 1.2 days in the predominantly unionized manufacturing industry division. Manufacturing employs 59 percent

of the plantworkers, and the proportion of these workers receiving 9 holidays or more has increased from 6 to 47 percent. The 8.8 average for officeworkers in finance was still the most liberal holiday provision, despite the one-tenth decline since 1960. Part of this decrease can be attributed to some banks which improved other working conditions (e.g., closing on Saturdays) while reducing the number of paid holidays.

Regionally, the Northeast was the leader in the average number of paid holidays provided for both plantworkers (8.6) and officeworkers (9.7). The North Central Region, having average increases of 1.3 days for plantworkers and 1 day for officeworkers, showed the greatest upward movement since 1960 in the average number of holidays received. In 1967, the North Central Region became the first region in which both plantworkers and officeworkers received the same average number of paid holidays. In 1970, it remained the only region with no difference between the two groups. The North Central Region also showed the greatest upward movement of plantworkers in all industries by receiving 9 paid holidays or more—from 1 percent in 1960 to 38 percent in 1970. For officeworkers in this region, the increase was from 8 to 35 percent. A part of this increase was accounted for by increases in paid holidays in the auto and rubber industries during the 10-year period.

The trend in paid holidays seems to be toward the addition of days that would provide workers with greater leisure or longer weekends. "Floating" holidays generally are used to provide the workers with long weekends. For example, if Christmas falls on Tuesday, then Christmas Eve may be granted as a holiday; or if Christmas is on a Thursday, then a holiday may be granted on Friday. The day after Thanksgiving also provides an opportunity for granting a longer weekend. The move toward longer weekends is also apparent in recent Federal Legislation regarding National holidays. Effective in 1971, Columbus Day—a newly established National holiday—is celebrated as the second Monday in October. Three previously established National holidays were also changed to Monday: Washington's Birthday (third Monday in February); Memorial Day (last Monday in May); and Veteran's Day (fourth Monday in October).

Paid vacations

Vacation provisions had been established for virtually all workers in metropolitan areas by 1960 or earlier. Changes during subsequent years generally have been in the form of shorter service requirements for specified vacation periods or longer vacations after qualifying lengths of service, as illustrated in text table 9.

Text table 9. Percents of plantworkers and officeworkers in establishments having formal paid vacation provisions, 1960 and 1970

Amount of vacation pay and length of service	Cumulative percent			
	Plantworkers		Officeworkers	
	1960	1970	1960	1970
3 weeks or more after				
10 years-----	27	66	38	81
15 years-----	74	83	82	92
20 years-----	75	84	84	92
25 years-----	76	84	85	93
4 weeks or more after				
15 years-----	2	18	3	21
20 years-----	9	50	13	62
25 years-----	22	59	33	73

Paid vacation provisions for employees having relatively short service were more liberal for officeworkers than for plantworkers. This relationship has existed since 1960 and has shown little change during the intervening years. Seventy-nine percent of the officeworkers in 1970 were eligible for 2 weeks or more of vacation pay after 1 year of service, compared with 26 percent of the plantworkers. However, this large difference in coverage diminished as the service requirement increased; after 5 years of service, 95 percent of the plantworkers and 99 percent of the officeworkers were eligible for 2 weeks' paid vacation or more. The proportion of plantworkers eligible for at least 2 weeks of vacation after 2 and 3 years of service has increased significantly since 1960.

The most important changes from 1960 to 1970 affected the long-service plantworkers and officeworkers. In 1960, approximately one-fifth of the plantworkers and one-third of the office employees were eligible for 4 weeks or more of vacation pay after 25 years of service; by 1970, the proportions had increased to three-fifths of the plantworkers and three-fourths of the officeworkers. The 4-week or more vacation provisions have become so widespread that approximately twice as many workers were eligible for 4 weeks' or more paid vacation after 20 years of service in 1970 than after 25 years in 1960. Furthermore, the proportion of nonsupervisory workers eligible for 4 weeks' or more paid vacation after 15 years in 1970 far exceeded those eligible after 20 years in 1960. Sixty-six percent of the plantworkers and 81 percent of the officeworkers were eligible for 3 weeks' or more paid vacation after 10 years of service in 1970, compared with 27 and 38 percent, respectively, in 1960.

In 1960, only one-fourth of the employees in public utilities were provided at least 3 weeks' paid vacation after 10 years of service. In 1970, over nine-tenths of the plantworkers and officeworkers were eligible for this provision after 10 years. During the same 10-year period, the percentage of plantworkers and officeworkers in public utilities provided 4 weeks or more of paid vacation after 25 years of service rose substantially—from 28 to 94 percent for plantworkers, and from 24 to 93 percent for officeworkers. These increases in coverage were by far the largest among the industry divisions.

Regionally, the North Central had the highest percentage of plantworkers and the Northeast the highest percentage of officeworkers who had provisions for at least 4 weeks of paid vacation after 20 or more years of service. Since 1960, coverage for 25 years of service has increased from 29 to 66 percent for plantworkers in the North Central Region, and from 46 to 80 percent for officeworkers in the Northeast. In the South and West, the coverage of employees provided 4 weeks' or more vacation showed similar growth.

In 1970, establishments having provisions for at least 5 weeks of vacation pay, usually applying after 25 years of service, employed over one-eighth of the plantworkers and officeworkers. Such plans were virtually nonexistent in 1960.

Health, insurance, and pension plans

Virtually all of the nonsupervisory workers in metropolitan areas were covered by some form of health, insurance, or pension plan. Little change has occurred since 1960 in the proportion of workers covered by at least one plan. However, the trend during the subsequent years has been toward coverage of workers by more plans.

This study of health, insurance, and pension plans relates only to the prevalence of the plans, and no attempt was made to evaluate either their monetary cost or the specific benefits provided by any plan. All plans, except those legally required, were included whenever the employer paid at least a part of the cost. Included were plans underwritten by a commercial insurance company, those provided through a union fund, and those paid directly by the employer out of current operating funds or from a fund earmarked for this purpose.

Life, hospitalization, and surgical insurance plans were available to more than 9 out of 10 plantworkers and officeworkers in 1970. Hospitalization insurance was the most common benefit for plantworkers and life insurance, the most prevalent for officeworkers. Among the industry divisions, the proportions of plantworkers and officeworkers covered by insurance plans were highest in public utilities and next highest in manufacturing. In 1960, however, insurance coverage was more predominant in manufacturing than in the other industry divisions; and public utilities ranked among the lowest in coverage for most insurance categories.

Among the plans studied, major medical insurance has shown the most important increase in coverage since 1960. This type of plan is designed to insure workers—beyond normal coverage of the basic hospitalization, surgical, and medical plans—against the expense resulting from prolonged illness or injury. In 1960, major medical insurance covered only 20 percent of the plantworkers and 42 percent of the officeworkers, and was the only insurance plan studied in which less than half of the workers had been brought under coverage. However, by 1970 the proportion of plantworkers covered by major medical insurance increased significantly to 59 percent, and the officeworkers estimate rose to 84 percent. Each of the industry divisions and regions recorded large increases in coverage. Public utilities, having the highest percentage of workers covered by major medical insurance in 1970, extended its coverage of plantworkers from 36 to 88 percent, and of officeworkers from 42 to 95 percent. Regionally, major medical insurance for both plantworkers and officeworkers was most prevalent in the West, where plantworker coverage rose from 33 to 82 percent in the 10-year period since 1960, and officeworker coverage advanced from 51 to 95 percent.

Medical insurance coverage, which provides complete or partial payment of doctors' fees, also increased substantially. In 1960, 59 percent of all plantworkers and 61 percent of all officeworkers within scope of the survey had medical insurance coverage; the percentages in 1970 were 84 and 89, respectively. Public utilities had the highest incidence of medical insurance among the industry divisions, and the West held the same position among the regions; each had more than 9 out of 10 workers covered in 1970.

Over four-fifths of the plantworkers and officeworkers were covered by at least one plan providing for cash payments for absence from work because of sickness or accident. Of the two major methods of salary continuation during disability, sickness and accident insurance was most prevalent among plantworkers, while paid sick leave plans were most common for officeworkers. About 1 out of 3 officeworkers and 1 out of 7 plantworkers were covered by both sickness

and accident insurance and paid sick leave. In such cases, the sick leave frequently covered a waiting period (typically the first week of disability) before insurance benefits became available.

Private retirement pension plans, designed to provide payments for the remainder of the worker's life, were available to 77 percent of the plantworkers and 84 percent of the officeworkers. In 1960, the respective percentages were 66 and 76. Among the industry divisions in 1970, coverage of plantworkers ranged from 83 percent in manufacturing to 45 percent in services. For officeworkers, the highest coverage or 91 percent was in finance and the lowest or 66 percent in services. The South had the lowest incidence of retirement pension coverage for both plantworkers and officeworkers.

Although the Bureau did not attempt to determine the monetary cost of the plans studied, information was collected as to whether the plans provided were financed by the employer only or jointly financed by employer and employee. Survey results showed that a large number of the plantworkers and officeworkers covered by health, insurance, and pension plans were employed in establishments which financed the entire costs. Generally, a greater percentage of officeworkers had coverage, but they were much more likely to share the costs with their employer. (See table B-5.)

Text table 10. Percents of plantworkers and officeworkers in establishments having formal health, insurance, and pension plans, 1960 and 1970

Type of plan	Plantworkers		Officeworkers	
	1960	1970	1960	1970
Insurance plans:				
Life-----	89	93	92	97
Accidental death and dismemberment-----	55	66	53	67
Hospitalization-----	86	95	83	96
Surgical-----	84	94	82	96
Medical-----	59	84	61	89
Major medical-----	20	59	42	84
Sickness and accident insurance and/or sick leave-----	80	82	81	87
Sickness and accident insurance-----	65	64	43	47
Sick leave:				
Full pay and no waiting period-----	14	21	59	64
Partial pay or waiting period-----	10	12	8	10
Retirement pension plans-----	66	77	76	84
No health, insurance, or pension plans-----	4	3	1	1

B. Establishment practices and supplementary wage provisions

Table B-1. Shift differentials—manufacturing

(Shift differentials for plantworkers by type of differential in all metropolitan areas by region,¹ 1969-70²)

Shift differential	Percent of manufacturing plantworkers—									
	In establishments having provisions for late shift operation ³					Actually working on late shift				
	All areas	Northeast	South	North Central	West	All areas	Northeast	South	North Central	West
All shift operations.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Second shift.....	87.8	80.4	82.8	95.1	91.9	19.2	16.5	18.0	22.1	19.4
With shift pay differential.....	83.9	77.4	71.5	93.7	90.8	18.4	15.8	15.3	21.8	19.2
Uniform cents (per hour) ⁴	55.3	45.7	55.4	59.3	66.1	12.3	10.0	12.0	13.4	14.7
Under 5 cents.....	.5	.7	1.2	.2	.1	.1	.2	.3	(⁵)	-
5 cents.....	4.5	4.1	7.3	3.3	4.0	.9	.9	1.6	.5	.8
6 cents.....	1.6	.9	2.5	1.9	1.1	.4	.2	.5	.5	.3
7 cents.....	1.6	1.3	3.1	1.4	.4	.4	.2	.8	.3	.1
7½ cents.....	.5	.8	.3	.6	.1	.1	.1	(⁵)	.1	(⁵)
8 cents.....	9.3	10.3	9.0	10.0	5.0	2.4	2.6	2.3	2.6	1.2
9 cents.....	1.2	1.0	1.3	1.5	.8	.3	.2	.3	.4	.2
10 cents.....	14.1	11.7	12.9	16.0	15.9	2.7	2.3	2.4	3.3	2.6
11 cents.....	.6	.5	.7	.6	1.0	.1	.1	.2	.1	.3
12 cents.....	4.3	2.3	4.2	5.3	6.0	1.0	.5	1.1	1.3	1.2
14 cents.....	1.8	.9	1.1	3.2	1.1	.4	.2	.1	.7	.1
15 cents.....	5.3	4.3	5.8	4.9	8.4	1.1	.8	1.1	1.1	1.9
16 cents.....	.5	.3	.1	.9	.2	.1	.1	(⁵)	.2	(⁵)
Over 16 cents.....	7.5	4.9	4.3	7.1	20.2	1.8	1.1	.9	1.7	5.5
Average cents-per-hour differential.....	11.3	11.0	10.1	11.4	13.1	11.4	10.9	9.9	11.5	13.7
Uniform percentage ⁴	25.3	28.5	14.5	32.2	14.4	5.4	5.2	3.0	7.8	2.7
5 percent.....	9.2	4.8	3.9	17.4	3.8	2.3	1.1	.8	4.6	.8
7 percent.....	1.2	1.4	2.0	1.1	-	.3	.3	.3	.4	-
7½ percent.....	.3	.3	.1	.4	(⁵)	(⁵)	(⁵)	(⁵)	.1	-
8 percent.....	.8	.9	.9	.7	1.6	.2	.1	.2	.1	.4
10 percent.....	11.6	19.5	5.7	9.9	7.6	2.2	3.4	1.2	2.1	1.2
Average percentage differential.....	7.9	9.1	7.8	7.0	8.1	7.5	8.7	7.5	6.8	7.8
Other ⁵	3.3	3.1	1.6	2.1	10.4	.7	.6	.3	.6	1.8
With no shift pay differential.....	3.9	3.1	11.3	1.4	1.1	.9	.6	2.7	.3	.2
Third shift.....	77.9	69.2	70.2	87.8	82.2	7.0	6.2	8.1	7.4	5.7
With shift pay differential.....	76.9	68.8	66.7	87.3	81.9	6.8	6.1	7.6	7.3	5.6
Uniform cents (per hour) ⁴	46.1	40.8	47.7	52.9	35.6	5.0	4.6	6.4	5.3	3.2
5 cents.....	1.9	.9	6.4	.7	.5	.3	.1	1.4	(⁵)	(⁵)
6 cents.....	.7	.2	.7	1.2	.4	.1	(⁵)	.1	.2	.1
7 cents.....	.8	1.2	1.6	.3	.3	.1	(⁵)	.1	(⁵)	(⁵)
7½ cents.....	.3	.6	.1	.3	.2	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
8 cents.....	.9	.3	1.7	1.3	.2	.1	(⁵)	.2	.1	(⁵)
9 cents.....	.7	.4	2.0	.5	.1	.1	.1	.4	(⁵)	(⁵)
10 cents.....	6.4	6.3	4.8	7.2	7.2	.4	.5	.3	.4	.4
11 cents.....	.4	.4	.7	.3	-	(⁵)	(⁵)	.1	(⁵)	-
12 cents.....	9.6	9.8	8.2	11.8	5.1	1.5	1.6	1.1	1.8	.8
12½ cents.....	.6	.7	.4	.6	.6	.1	.1	.1	(⁵)	.1
13 cents.....	.7	.4	1.2	.8	-	.1	(⁵)	.2	.1	-
14 cents.....	2.6	1.4	2.1	3.9	2.0	.3	.2	.3	.4	.2
15 cents.....	6.6	6.1	3.7	8.5	6.8	.4	.5	.3	.5	.3
16 cents.....	1.4	1.7	1.8	1.1	.9	.2	.3	.4	.1	.2
18 cents.....	1.2	.4	1.1	1.7	1.6	.1	(⁵)	.1	.2	.2
20 cents.....	3.4	2.8	3.8	3.7	3.3	.3	.2	.4	.3	.3
Over 20 cents.....	5.9	4.9	6.6	6.5	5.4	.6	.4	.9	.6	.5

See footnotes at end of table.

Table B-1. Shift differentials—manufacturing—Continued

(Shift differentials for plantworkers by type of differential in all metropolitan areas by region,¹ 1969-70²)

Shift differential	Percent of manufacturing plantworkers—									
	In establishments having provisions for late shift operation ³					Actually working on late shift				
	All areas	Northeast	South	North Central	West	All areas	Northeast	South	North Central	West
Third shift—Continued										
With shift pay differential—										
Continued										
Average cents-per-hour										
differential	14.8	14.7	13.8	15.0	16.1	14.3	14.2	13.2	14.6	16.5
Uniform percentage ⁴	21.6	23.2	12.0	29.1	10.9	1.2	1.2	.9	1.7	.5
5 percent	.6	.6	.9	.3	.7	(⁵)	(⁵)	.2	(⁵)	(⁵)
7 percent	.8	.7	2.3	.3	-	(⁵)	(⁵)	.1	(⁵)	-
7½ percent	.5	.4	.2	.8	-	(⁵)	(⁵)	(⁵)	.1	-
10 percent	15.6	15.7	7.2	23.4	5.5	.9	.8	.5	1.4	.3
15 percent	1.8	3.0	.3	1.3	3.1	.1	.1	(⁵)	.1	.1
Average percentage differential	10.3	10.5	9.3	10.2	11.4	9.9	10.0	9.1	10.0	10.9
Other ⁶	9.2	4.8	7.0	5.3	35.4	.6	.4	.4	.4	1.9
With no shift pay differential	1.1	.5	3.5	.4	.3	.1	(⁵)	.5	.1	(⁵)

¹ For definition of regions, see footnote 3 to the table in appendix A.² Information on establishment practices is obtained biennially on a rotating cycle in most areas. Data for about half of the workers relate to late 1969 and early 1970; for the remainder, to late 1968 and early 1969.³ Includes establishments currently operating late shifts, and establishments with formal provisions covering late shifts, even though they were not currently operating late shifts.⁴ Includes differentials in addition to those presented separately.⁵ Less than 0.05 percent.⁶ Includes pay at regular rate for more hours than worked; a paid lunch period not given to first-shift workers; a flat sum per shift; and other provisions. Most "other," however, were in establishments which provided 1 such provision in combination with a cents or percentage differential for hours actually worked.

Table B-2. Scheduled weekly hours

(Percent distribution of plantworkers and officeworkers by scheduled weekly hours ¹ of first-shift workers in all metropolitan areas by industry division and region, ² 1969-70 ³)

Weekly hours	All industries	Industry division						Region ²			
		Manufacturing	Public utilities ⁴	Wholesale trade	Retail trade	Finance ⁵	Services	Northeast	South	North Central	West
		Plantworkers									
All weekly work schedules -----	100	100	100	100	100		100	100	100	100	100
Under 40 hours ⁶ -----	9	7	2	6	17		13	15	8	6	6
Under 35 hours -----	1	(⁷)	(⁷)	(⁷)	1		4	1	1	(⁷)	(⁷)
35 hours -----	3	3	(⁷)	1	3		4	6	1	1	2
37½ hours -----	4	3	1	4	9		4	6	4	3	3
40 hours -----	81	84	94	80	71		68	78	78	82	89
Over 40 hours ⁶ -----	10	9	4	13	12		19	7	15	12	5
42 hours -----	1	1	(⁷)	1	1		2	1	1	1	1
44 hours -----	1	1	1	3	2		2	1	2	1	1
45 hours -----	2	3	1	3	2		1	2	3	3	(⁷)
48 hours -----	3	3	1	2	5		12	2	6	4	2
Over 48 hours -----	1	2	1	3	1		1	1	2	2	(⁷)
Average scheduled weekly hours -----	40.3	40.4	40.2	40.6	40.2		40.5	39.9	40.7	40.6	40.1
		Officeworkers									
All weekly work schedules -----	100	100	100	100	100	100	100	100	100	100	100
Under 40 hours ⁶ -----	38	23	28	31	27	63	48	64	27	26	18
35 hours -----	11	7	11	11	6	18	16	29	3	2	1
36¼ hours -----	3	1	2	2	2	5	3	5	2	1	1
37½ hours -----	15	10	14	13	15	22	21	20	15	13	10
38¼ hours -----	4	3	(⁷)	3	1	7	2	3	3	5	5
40 hours -----	61	76	72	67	71	37	50	35	71	73	82
Over 40 hours -----	1	1	(⁷)	2	2	(⁷)	3	(⁷)	2	1	(⁷)
Average scheduled weekly hours -----	38.8	39.3	39.0	39.0	39.2	37.9	38.4	37.6	39.3	39.4	39.6

¹ Scheduled hours are the weekly hours which a majority of the full-time workers were expected to work, whether they were paid for at straight-time or overtime rates.² For definition of regions, see footnote 3 to the table in appendix A.³ See footnote 2, table B-1.⁴ Transportation, communication, and other public utilities.⁵ Finance, insurance, and real estate. Data are not shown separately for plantworkers in this industry group. Plantworkers in real estate, however, are included in "all" and regional data.⁶ Includes weekly schedules other than those presented separately.⁷ Less than 0.5 percent.

Table B-3. Paid holidays

(Percent distribution of plantworkers and officeworkers by number of paid holidays provided annually in all metropolitan areas, by industry division and region, ¹ 1969-70 ²)

Item	All industries	Industry division					Region ¹				
		Manufacturing	Public utilities ³	Wholesale trade	Retail trade	Finance ⁴	Services	Northeast	South	North Central	West
		Plantworkers									
All workers.....	100	100	100	100	100		100	100	100	100	100
Workers in establishments providing paid holidays.....	96	99	99	98	93		79	98	91	98	96
Average number of holidays provided.....	7.8	8.3	8.3	7.8	6.6		6.7	8.6	6.6	8.0	7.6
Workers in establishments providing no paid holidays.....	4	1	1	2	7		21	2	9	2	4
Number of days.....											
1 half day or more.....	(⁵)	(⁵)	-	-	(⁵)		(⁵)	-	(⁵)	-	(⁵)
1 day.....	1	(⁵)	(⁵)	-	3		1	(⁵)	(⁵)	(⁵)	(⁵)
1 day plus 1 half day or more.....	(⁵)	(⁵)	-	-	(⁵)		-	(⁵)	(⁵)	(⁵)	-
2 days.....	1	(⁵)	(⁵)	(⁵)	2		1	(⁵)	(⁵)	(⁵)	1
2 days plus 2 half days or more.....	(⁵)	-	-	-	(⁵)		-	(⁵)	(⁵)	(⁵)	-
3 days.....	1	1	(⁵)	-	2		2	(⁵)	2	(⁵)	(⁵)
4 days.....	1	1	(⁵)	(⁵)	1		3	(⁵)	4	(⁵)	(⁵)
4 days plus 1 half day or more.....	(⁵)	-	-	(⁵)	-		(⁵)	-	(⁵)	-	-
5 days.....	4	2	1	7	8		6	1	15	(⁵)	1
5 days plus 1 half day or more.....	(⁵)	(⁵)	(⁵)	1	(⁵)		(⁵)	(⁵)	1	(⁵)	-
6 days.....	13	7	5	20	28		28	8	17	15	11
6 days plus 1 half day.....	1	1	(⁵)	2	1		1	1	1	(⁵)	(⁵)
6 days plus 2 half days.....	1	1	(⁵)	3	1		1	1	(⁵)	2	(⁵)
6 days plus 3 half days or more.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)		(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
7 days.....	16	15	14	11	22		17	17	13	17	16
7 days plus 1 half day.....	1	1	(⁵)	1	(⁵)		1	1	1	1	1
7 days plus 2 half days.....	2	2	(⁵)	2	(⁵)		(⁵)	1	(⁵)	3	1
7 days plus 3 half days or more.....	(⁵)	(⁵)	(⁵)	(⁵)	-		(⁵)	(⁵)	(⁵)	(⁵)	-
8 days.....	21	20	47	18	17		15	23	20	20	33
8 days plus 1 half day.....	1	1	1	1	(⁵)		(⁵)	1	(⁵)	1	(⁵)
8 days plus 2 half days.....	(⁵)	(⁵)	-	(⁵)	-		-	(⁵)	-	2	2
8 days plus 3 half days or more.....	(⁵)	(⁵)	-	(⁵)	-		(⁵)	(⁵)	-	-	-
9 days.....	16	22	12	10	4		4	22	8	17	15
9 days plus 1 half day or more.....	1	2	1	1	1		1	3	(⁵)	1	1
10 days.....	11	16	6	9	1		4	12	3	17	11
10 days plus 1 half day or more.....	1	1	(⁵)	1	(⁵)		(⁵)	2	(⁵)	(⁵)	-
11 days.....	3	3	8	4	1		2	7	1	2	(⁵)
11 days plus 1 half day or more.....	(⁵)	(⁵)	1	1	(⁵)		(⁵)	1	(⁵)	-	-
12 days.....	1	3	2	2	(⁵)		(⁵)	2	(⁵)	(⁵)	(⁵)
Over 12 days.....	(⁵)	(⁵)	1	1	(⁵)		(⁵)	1	(⁵)	(⁵)	-
Total holiday time ⁶											
13 days or more.....	(⁵)	(⁵)	1	1	(⁵)		(⁵)	1	(⁵)	(⁵)	-
12½ days or more.....	(⁵)	(⁵)	1	1	(⁵)		(⁵)	1	(⁵)	(⁵)	-
12 days or more.....	1	1	3	4	(⁵)		(⁵)	3	(⁵)	(⁵)	(⁵)
11½ days or more.....	1	1	4	4	(⁵)		1	4	(⁵)	(⁵)	(⁵)
11 days or more.....	4	4	11	8	1		2	11	1	2	1
10½ days or more.....	4	4	12	8	1		2	12	1	2	1
10 days or more.....	16	22	17	18	2		6	26	3	19	12
9½ days or more.....	17	22	18	18	3		8	27	3	19	12
9 days or more.....	34	47	30	30	8		12	52	12	38	29
8½ days or more.....	35	48	31	31	8		12	53	13	38	29
8 days or more.....	58	70	78	51	26		20	70	36	61	63
7½ days or more.....	59	71	79	52	26		21	71	36	62	64
7 days or more.....	75	87	92	66	49		38	89	49	81	81
6½ days or more.....	76	88	92	69	49		39	89	50	82	81
6 days or more.....	89	94	97	89	77		67	96	67	92	92
5½ days or more.....	89	94	97	90	78		67	97	67	97	92
5 days or more.....	93	97	98	97	86		73	97	82	97	93
4½ days or more.....	93	97	98	97	86		73	97	82	97	93
4 days or more.....	94	98	98	97	87		75	97	86	97	93

See footnotes at end of table.

Table B-3. Paid holidays—Continued

(Percent distribution of plantworkers and officeworkers by number of paid holidays provided annually in all metropolitan areas, by industry division and region, ¹ 1969-70²)

Item	All industries	Industry division						Region ¹			
		Manufacturing	Public utilities ³	Wholesale trade	Retail trade	Finance ⁴	Services	Northeast	South	North Central	West
Officeworkers											
All workers.....	100	100	100	100	100	100	100	100	100	100	100
Workers in establishments providing paid holidays.....	99	99	99	99	99	99	97	99	99	99	99
Average number of holidays provided.....	8.4	8.7	8.5	8.0	7.1	8.8	7.8	9.7	7.1	8.0	8.3
Workers in establishments providing no paid holidays.....	(5)	(5)	(5)	(5)	1	(5)	3	(5)	1	(5)	1
Number of days											
Less than 5 days.....	(5)	(5)	(5)	(5)	1	(5)	1	(5)	1	(5)	(5)
5 days.....	3	1	1	5	8	3	4	(5)	13	(5)	(5)
5 days plus 1 half day or more.....	(5)	(5)	(5)	1	(5)	(5)	(5)	(5)	1	(5)	-
6 days.....	12	6	4	17	29	16	23	3	25	19	7
6 days plus 1 half day.....	1	1	(5)	2	1	1	2	(5)	1	2	(5)
6 days plus 2 half days.....	1	1	(5)	4	1	1	2	(5)	1	2	(5)
6 days plus 3 half days or more.....	(5)	(5)	(5)	(5)	(5)	(5)	1	(5)	(5)	(5)	(5)
7 days.....	11	11	10	10	22	9	14	8	14	13	13
7 days plus 1 half day.....	1	1	(5)	2	1	2	2	1	1	2	1
7 days plus 2 half days.....	1	2	(5)	2	1	(5)	1	1	(5)	2	1
7 days plus 3 half days or more.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
8 days.....	22	18	50	20	23	16	15	11	25	23	38
8 days plus 1 half day.....	2	1	1	1	1	4	2	1	1	2	5
8 days plus 2 half days.....	2	3	(5)	2	(5)	1	2	2	1	2	2
8 days plus 3 half days or more.....	(5)	(5)	(5)	(5)	-	(5)	1	(5)	(5)	(5)	-
9 days.....	15	25	11	12	5	8	9	19	7	15	14
9 days plus 1 half day.....	1	1	1	1	1	1	3	2	1	1	1
9 days plus 2 half days.....	1	2	1	1	1	1	1	2	(5)	(5)	1
9 days plus 3 half days or more.....	(5)	(5)	(5)	(5)	-	(5)	(5)	1	-	-	(5)
10 days.....	11	20	8	9	1	6	5	12	4	13	14
10 days plus 1 half day.....	1	1	(5)	1	(5)	1	2	2	(5)	(5)	1
10 days plus 2 half days or more.....	1	1	1	1	(5)	(5)	1	1	(5)	(5)	-
11 days.....	7	4	8	4	1	16	3	19	1	3	1
11 days plus 1 half day.....	1	(5)	(5)	(5)	(5)	1	1	1	(5)	(5)	(5)
11 days plus 2 half days or more.....	1	(5)	1	1	(5)	1	1	2	-	-	(5)
12 days.....	3	1	2	1	(5)	8	1	8	(5)	1	1
12 days plus 1 half day or more.....	1	(5)	(5)	(5)	1	2	2	2	-	-	(5)
13 days or more.....	1	(5)	(5)	1	(5)	2	(5)	2	(5)	(5)	-
Total holiday time ⁶											
13 days or more.....	1	(5)	(5)	1	(5)	2	1	3	(5)	(5)	(5)
12½ days or more.....	2	(5)	1	1	1	4	2	4	(5)	(5)	(5)
12 days or more.....	5	2	3	3	1	12	3	14	(5)	1	1
11½ days or more.....	6	2	4	4	1	13	5	16	(5)	1	1
11 days or more.....	14	6	12	9	2	30	8	35	1	4	2
10½ days or more.....	15	8	12	10	2	30	10	38	1	4	3
10 days or more.....	26	29	21	20	4	37	16	52	5	17	17
9½ days or more.....	28	30	22	21	5	38	19	54	6	18	18
9 days or more.....	44	58	33	35	10	47	30	75	14	35	33
8½ days or more.....	46	59	34	36	11	51	32	76	16	37	38
8 days or more.....	69	79	84	58	35	68	48	88	41	62	77
7½ days or more.....	71	81	85	60	37	70	50	89	42	64	79
7 days or more.....	83	92	95	75	60	80	66	97	57	79	91
6½ days or more.....	84	92	95	77	61	81	68	97	59	81	92
6 days or more.....	96	98	99	94	90	97	91	99	84	99	99
5½ days or more.....	97	98	99	94	90	97	92	99	84	99	99
5 days or more.....	99	99	99	99	98	99	96	99	98	99	99

¹ For definition of regions, see footnote 3 to the table in appendix A.² See footnote 2, table B-1.³ Transportation, communication, and other public utilities.⁴ See footnote 5, table B-2.⁵ Less than 0.5 percent.⁶ All combinations of full and half days that add to the same amount are combined; for example, the proportion of workers receiving a total of 9 days include those with 9 full days and no half days, 8 full days and 2 half days, 7 full days and 4 half days, and so on. Proportions then were cumulated.

Table B-4. Paid vacations

(Percent distribution of plantworkers and officeworkers by vacation pay provisions in all metropolitan areas, by industry division and region,² 1969-70³)

Vacation policy	All industries	Industry division					Region ²				
		Manufacturing	Public utilities ⁴	Wholesale trade	Retail trade	Finance ⁵	Services	Northeast	South	North Central	West
	Plantworkers										
All workers.....	100	100	100	100	100		100	100	100	100	100
Workers in establishments providing paid vacations.....	99	99	99	99	99		94	99	97	99	99
Length-of-time payment.....	86	80	98	97	96		89	85	87	85	91
Percentage payment.....	12	19	2	2	2		4	13	9	14	8
Other.....	1	1	(⁶)	(⁶)	1		1	2	1	(⁶)	(⁶)
Workers in establishments providing no paid vacations.....	1	(⁶)	(⁶)	1	1		6	1	3	(⁶)	(⁶)
<u>Amount of vacation pay⁷</u>											
<u>After 6 months of service</u>											
Under 1 week.....	13	19	2	6	7		6	23	9	13	5
1 week.....	17	14	36	22	20		13	23	15	14	18
Over 1 and under 2 weeks.....	2	2	3	2	3		2	4	1	2	2
2 weeks.....	1	1	3	1	(⁶)		(⁶)	2	(⁶)	(⁶)	(⁶)
Over 2 weeks.....	(⁶)	(⁶)	(⁶)	-	-		1	(⁶)	(⁶)	(⁶)	(⁶)
<u>After 1 year of service</u>											
Under 1 week.....	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)		1	(⁶)	1	(⁶)	1
1 week.....	68	70	57	59	70		69	64	69	74	62
Over 1 and under 2 weeks.....	4	6	2	2	2		1	4	2	7	2
2 weeks.....	22	18	36	36	26		20	26	22	16	29
Over 2 weeks.....	3	5	3	1	(⁶)		2	5	2	2	6
<u>After 2 years of service</u>											
Under 1 week.....	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)		(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
1 week.....	38	48	21	25	20		32	35	40	46	20
Over 1 and under 2 weeks.....	7	11	3	2	1		2	9	4	10	4
2 weeks.....	49	34	73	69	76		56	49	49	41	68
Over 2 weeks.....	5	6	3	2	2		3	7	3	3	7
<u>After 3 years of service</u>											
Under 1 week.....	(⁶)	(⁶)	-	-	(⁶)		(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
1 week.....	10	12	1	8	6		14	10	18	7	4
Over 1 and under 2 weeks.....	10	16	1	3	1		2	10	5	17	3
2 weeks.....	72	61	92	84	89		73	70	69	69	84
Over 2 and under 3 weeks.....	3	4	2	1	1		1	3	2	3	5
3 weeks.....	3	4	3	2	2		1	5	2	2	3
Over 3 weeks.....	1	1	1	(⁶)	(⁶)		1	1	(⁶)	1	1
<u>After 4 years of service</u>											
Under 1 week.....	(⁶)	(⁶)	-	-	(⁶)		(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
1 week.....	9	11	1	7	6		12	9	16	6	4
Over 1 and under 2 weeks.....	10	16	1	3	1		2	9	5	17	3
2 weeks.....	72	63	92	85	89		72	70	71	70	83
Over 2 and under 3 weeks.....	4	5	3	1	1		4	4	2	3	6
3 weeks.....	3	4	3	2	2		2	5	2	2	3
Over 3 weeks.....	1	1	1	(⁶)	1		1	1	(⁶)	1	1
<u>After 5 years of service</u>											
Under 1 week.....	(⁶)	(⁶)	-	-	(⁶)		(⁶)	(⁶)	(⁶)	-	(⁶)
1 week.....	3	2	(⁶)	2	4		7	3	6	1	2
Over 1 and under 2 weeks.....	1	1	(⁶)	(⁶)	1		1	1	1	1	1
2 weeks.....	74	73	86	75	72		71	72	74	77	69
Over 2 and under 3 weeks.....	7	9	2	2	2		6	7	3	9	7
3 weeks.....	13	12	8	18	20		8	14	11	10	20
Over 3 weeks.....	1	2	1	1	1		1	2	1	2	1

See footnotes at end of table.

Table B-4. Paid vacations¹—Continued(Percent distribution of plantworkers and officeworkers by vacation pay provisions in all metropolitan areas, by industry division and region,² 1969-70³)

Vacation policy	All industries	Industry division						Region ²			
		Manufacturing	Public utilities ⁴	Wholesale trade	Retail trade	Finance ⁵	Services	Northeast	South	North Central	West
<u>Amount of vacation pay⁷—Continued</u>											
<u>After 10 years of service</u>											
Under 1 week.....	(⁶)	(⁶)	-	-	(⁶)		(⁶)	(⁶)	(⁶)		(⁶)
1 week.....	2	2	(⁶)	1	3		6	2	6	1	1
Over 1 and under 2 weeks.....	(⁶)	1	(⁶)	(⁶)	(⁶)		1	1	(⁶)	(⁶)	1
2 weeks.....	22	20	7	34	25		42	19	36	16	15
Over 2 and under 3 weeks.....	8	13	1	3	1		2	6	3	15	3
3 weeks.....	59	56	86	52	66		40	64	44	60	74
Over 3 weeks.....	7	9	5	8	4		4	7	7	7	6
<u>After 12 years of service</u>											
Under 1 week.....	(⁶)	(⁶)	-	-	(⁶)		(⁶)	(⁶)	(⁶)		(⁶)
1 week.....	2	2	(⁶)	1	3		6	2	6	1	1
Over 1 and under 2 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)		1	1	(⁶)	(⁶)	(⁶)
2 weeks.....	18	15	4	28	23		36	16	32	12	12
Over 2 and under 3 weeks.....	8	13	1	4	1		2	7	4	15	3
3 weeks.....	62	58	88	56	67		44	66	46	63	76
Over 3 and under 4 weeks.....	3	4	3	1	1		1	3	2	4	2
4 weeks.....	5	5	3	7	3		3	5	5	4	4
Over 4 weeks.....	1	1	(⁶)	(⁶)	(⁶)		1	1	(⁶)	1	1
<u>After 15 years of service</u>											
Under 2 weeks.....	3	2	1	1	4		7	3	6	1	2
2 weeks.....	12	9	2	19	19		28	10	25	6	9
Over 2 and under 3 weeks.....	1	1	(⁶)	1	(⁶)		1	1	1	1	1
3 weeks.....	61	62	63	55	61		50	63	47	66	66
Over 3 and under 4 weeks.....	5	7	2	1	1		1	4	3	8	2
4 weeks.....	16	16	29	20	14		6	17	14	16	19
Over 4 weeks.....	1	2	2	1	(⁶)		1	2	1	2	1
<u>After 20 years of service</u>											
Under 2 weeks.....	3	2	(⁶)	1	4		7	3	6	1	1
2 weeks.....	12	9	2	18	18		27	10	25	6	9
Over 2 and under 3 weeks.....	1	1	(⁶)	1	(⁶)		1	1	(⁶)	(⁶)	1
3 weeks.....	31	35	7	31	26		41	30	26	34	34
Over 3 and under 4 weeks.....	3	4	1	(⁶)	(⁶)		1	2	2	3	4
4 weeks.....	43	39	82	40	49		15	48	31	47	45
Over 4 weeks and under 5 weeks.....	2	3	4	1	-		1	2	1	4	1
5 weeks.....	4	5	4	6	1		1	4	5	4	4
Over 5 weeks.....	1	1	(⁶)	(⁶)	(⁶)		-	1	(⁶)	1	1
<u>After 25 years of service</u>											
Under 2 weeks.....	3	2	(⁶)	1	4		7	3	6	1	1
2 weeks.....	12	9	2	18	18		27	9	24	5	9
Over 2 and under 3 weeks.....	1	1	(⁶)	1	(⁶)		1	1	(⁶)	(⁶)	1
3 weeks.....	23	24	3	28	23		40	21	20	25	28
Over 3 and under 4 weeks.....	2	3	1	1	(⁶)		1	2	2	2	4
4 weeks.....	43	43	59	35	49		16	47	32	48	44
Over 4 and under 5 weeks.....	2	3	4	1	4		1	2	1	5	1
5 weeks.....	12	13	30	13	4		1	14	10	12	10
Over 5 weeks.....	1	1	1	(⁶)	(⁶)		(⁶)	1	(⁶)	1	1

See footnotes at end of table.

Table B-4. Paid vacations¹—Continued(Percent distribution of plantworkers and officeworkers by vacation pay provisions in all metropolitan areas, by industry division and region,² 1969-70³)

Vacation policy	All industries	Industry division						Region ²			
		Manufacturing	Public utilities ⁴	Wholesale trade	Retail trade	Finance ⁵	Services	Northeast	South	North Central	West
	Plantworkers—Continued										
<u>Amount of vacation pay⁷—Continued</u>											
<u>After 30 years of service</u>											
Under 2 weeks	3	2	(⁶)	2	4		7	3	6	1	1
2 weeks	12	9	2	18	18		26	9	24	5	9
Over 2 and under 3 weeks	1	1	(⁶)	1	(⁶)		1	1	(⁶)	1	1
3 weeks	23	23	3	28	23		40	21	20	25	28
Over 3 and under 4 weeks	2	3	1	1	(⁶)		1	1	2	2	4
4 weeks	42	42	55	35	49		17	45	32	47	44
Over 4 and under 5 weeks	2	3	4	1	(⁶)		1	2	1	5	(⁶)
5 weeks	11	11	34	13	5		1	14	9	11	11
Over 5 weeks	3	4	1	1	(⁶)		(⁶)	3	2	3	1
<u>Maximum vacation available</u>											
Under 2 weeks	3	2	(⁶)	2	4		7	3	6	1	1
2 weeks	12	9	2	17	18		26	9	24	5	9
Over 2 and under 3 weeks	1	1	(⁶)	1	(⁶)		1	1	(⁶)	1	1
3 weeks	23	23	3	28	23		40	21	20	25	28
Over 3 and under 4 weeks	2	3	1	1	(⁶)		1	1	2	2	4
4 weeks	42	42	55	35	49		17	45	31	47	44
Over 4 and under 5 weeks	2	3	4	1	(⁶)		1	2	1	5	(⁶)
5 weeks	11	11	34	13	5		1	14	9	11	11
Over 5 weeks	3	5	1	1	(⁶)		1	3	2	4	1
	Officeworkers										
<u>All workers</u>	100	100	100	100	100	100	100	100	100	100	100
<u>Method of payment</u>											
Workers in establishments providing paid vacations	99	99	99	99	99	100	98	99	99	99	99
Length-of-time payment	99	97	99	99	99	100	98	99	99	99	97
Percentage payment	1	2	1	(⁶)	(⁶)	-	(⁶)	1	1	1	3
Other	(⁶)	(⁶)	-	(⁶)	(⁶)	-	(⁶)	(⁶)	(⁶)	(⁶)	-
Workers in establishments providing no paid vacations	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	-	2	(⁶)	(⁶)	(⁶)	(⁶)
<u>Amount of vacation pay⁷</u>											
<u>After 6 months of service</u>											
Under 1 week	4	5	2	4	8	3	3	6	4	4	1
1 week	48	49	44	39	29	57	44	53	42	47	44
Over 1 and under 2 weeks	8	10	5	5	6	9	10	10	7	10	3
2 weeks	6	2	4	2	(⁶)	14	4	14	2	1	2
Over 2 weeks	(⁶)	(⁶)	-	-	-	(⁶)	2	(⁶)	(⁶)	(⁶)	1
<u>After 1 year of service</u>											
Under 1 week	(⁶)	(⁶)	(⁶)	-	(⁶)	-	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
1 week	20	15	50	28	55	2	23	11	29	23	23
Over 1 and under 2 weeks	1	1	(⁶)	(⁶)	2	(⁶)	(⁶)	1	1	1	(⁶)
2 weeks	76	80	49	70	42	95	67	85	66	73	73
Over 2 weeks	3	4	(⁶)	1	(⁶)	3	7	3	4	2	3
<u>After 2 years of service</u>											
Under 1 week	(⁶)	(⁶)	(⁶)	-	-	-	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
1 week	4	6	7	7	7	(⁶)	8	3	8	5	3
Over 1 and under 2 weeks	1	1	1	(⁶)	(⁶)	-	(⁶)	1	1	1	(⁶)
2 weeks	90	87	92	90	91	95	79	90	87	90	92
Over 2 weeks	5	7	(⁶)	3	2	4	12	6	5	4	5

See footnotes at end of table.

Table B-4. Paid vacations¹—Continued(Percent distribution of plantworkers and officeworkers by vacation pay provisions in all metropolitan areas, by industry division and region,² 1969-70³)

Vacation policy	All industries	Industry division						Region ²			
		Manufacturing	Public utilities ⁴	Wholesale trade	Retail trade	Finance ⁵	Services	Northeast	South	North Central	West
Officeworkers—Continued											
<u>Amount of vacation pay⁷—Continued</u>											
<u>After 3 years of service</u>											
Under 1 week.....	(⁶)	(⁶)	-	-	-	-	(⁶)	(⁶)	(⁶)	(⁶)	-
1 week.....	1	2	(⁶)	2	2	(⁶)	3	1	3	1	1
Over 1 and under 2 weeks.....	(⁶)	1	(⁶)	(⁶)	(⁶)	-	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
2 weeks.....	89	83	98	91	95	94	80	90	90	87	92
Over 2 and under 3 weeks.....	4	7	(⁶)	3	1	2	6	2	4	6	3
3 weeks.....	4	6	1	3	2	3	6	2	2	4	2
Over 3 weeks.....	1	1	(⁶)	1	(⁶)	(⁶)	3	(⁶)	1	1	1
<u>After 4 years of service</u>											
Under 1 week.....	(⁶)	(⁶)	-	-	-	-	-	(⁶)	(⁶)	(⁶)	-
1 week.....	1	2	(⁶)	2	2	(⁶)	3	1	3	1	1
Over 1 and under 2 weeks.....	(⁶)	1	(⁶)	(⁶)	(⁶)	-	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
2 weeks.....	89	83	97	91	95	94	79	89	90	87	92
Over 2 and under 3 weeks.....	4	7	(⁶)	3	1	2	5	2	4	6	3
3 weeks.....	5	7	2	3	2	3	7	7	2	5	3
Over 3 weeks.....	1	1	(⁶)	1	1	(⁶)	4	1	1	1	2
<u>After 5 years of service</u>											
Under 2 weeks.....	1	1	(⁶)	1	1	(⁶)	2	(⁶)	1	1	(⁶)
2 weeks.....	72	69	89	70	77	71	61	61	79	76	77
Over 2 and under 3 weeks.....	5	5	1	1	2	8	6	6	6	3	5
3 weeks.....	21	23	10	27	19	21	25	31	13	18	16
Over 3 weeks.....	1	2	(⁶)	1	1	1	5	1	1	1	2
<u>After 10 years of service</u>											
Under 2 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	1	(⁶)	1	(⁶)	1	(⁶)	(⁶)
2 weeks.....	17	13	8	30	22	19	24	13	32	16	10
Over 2 and under 3 weeks.....	2	2	(⁶)	1	1	2	1	1	2	2	(⁶)
3 weeks.....	72	69	88	53	72	76	60	78	56	69	83
Over 3 and under 4 weeks.....	3	6	(⁶)	3	1	1	2	1	3	6	1
4 weeks.....	6	9	3	12	3	1	8	7	6	6	4
Over 4 weeks.....	1	1	(⁶)	(⁶)	-	(⁶)	3	(⁶)	(⁶)	1	1
<u>After 12 years of service</u>											
Under 2 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	1	(⁶)	1	(⁶)	1	(⁶)	(⁶)
2 weeks.....	14	10	5	26	20	17	23	11	28	13	8
Over 2 and under 3 weeks.....	2	3	1	2	1	3	1	2	3	2	1
3 weeks.....	72	70	90	56	73	75	60	77	58	70	83
Over 3 and under 4 weeks.....	4	7	1	3	1	2	2	2	3	7	2
4 weeks.....	6	9	4	12	3	2	9	8	6	6	4
Over 4 weeks.....	1	1	(⁶)	1	(⁶)	(⁶)	3	(⁶)	1	1	1
<u>After 15 years of service</u>											
Under 2 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	1	(⁶)	1	(⁶)	1	(⁶)	(⁶)
2 weeks.....	8	5	2	16	16	5	17	5	19	5	5
Over 2 and under 3 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	1	(⁶)	(⁶)
3 weeks.....	67	61	72	54	70	77	59	67	60	67	74
Over 3 and under 4 weeks.....	3	4	2	1	1	6	1	4	4	3	2
4 weeks.....	20	27	22	27	12	12	16	23	14	23	17
Over 4 weeks.....	1	2	1	1	(⁶)	(⁶)	3	1	1	2	1

See footnotes at end of table.

Table B-4. Paid vacations¹—Continued(Percent distribution of plantworkers and officeworkers by vacation pay provisions in all metropolitan areas, by industry division and region,² 1969-70³)

Vacation policy	All industries	Industry division						Region ²			
		Manufacturing	Public utilities ³	Wholesale trade	Retail trade	Finance ⁵	Services	Northeast	South	North Central	West
		Officeworkers—Continued									
<u>Amount of vacation pay⁷—Continued</u>											
<u>After 20 years of service</u>											
Under 2 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	1	(⁶)	1	(⁶)	1	(⁶)	(⁶)
2 weeks.....	7	5	2	15	15	5	17	4	18	5	5
Over 2 and under 3 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
3 weeks.....	29	20	8	31	23	46	43	26	30	28	33
Over 3 and under 4 weeks.....	1	2	1	1	(⁶)	1	1	1	2	1	1
4 weeks.....	56	63	83	40	60	46	32	62	42	60	56
Over 4 and under 5 weeks.....	1	1	2	(⁶)	(⁶)	1	4	1	2	2	1
5 weeks.....	4	7	4	11	(⁶)	1	1	5	5	4	3
Over 5 weeks.....	(⁶)	1	(⁶)	(⁶)	(⁶)	(⁶)	-	(⁶)	(⁶)	(⁶)	(⁶)
<u>After 25 years of service</u>											
Under 2 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	1	(⁶)	1	(⁶)	1	(⁶)	(⁶)
2 weeks.....	7	5	2	15	15	5	17	4	17	5	5
Over 2 and under 3 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
3 weeks.....	19	14	5	27	19	24	36	15	23	18	22
Over 3 and under 4 weeks.....	1	1	(⁶)	1	-	1	(⁶)	(⁶)	2	(⁶)	1
4 weeks.....	56	58	55	36	62	61	36	60	42	58	59
Over 4 and under 5 weeks.....	2	1	2	1	(⁶)	5	4	3	3	2	1
5 weeks.....	14	18	36	20	3	4	4	17	11	15	11
Over 5 weeks.....	1	2	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	1	(⁶)
<u>After 30 years of service</u>											
Under 2 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	1	(⁶)	1	(⁶)	1	(⁶)	(⁶)
2 weeks.....	7	5	2	15	15	5	17	4	17	5	5
Over 2 and under 3 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
3 weeks.....	18	14	5	27	19	23	36	15	22	18	21
Over 3 and under 4 weeks.....	1	1	(⁶)	1	-	1	(⁶)	(⁶)	2	(⁶)	1
4 weeks.....	55	57	51	36	62	61	36	58	42	57	59
Over 4 and under 5 weeks.....	2	1	2	(⁶)	(⁶)	3	4	2	2	2	1
5 weeks.....	15	16	39	19	3	7	4	18	12	15	11
Over 5 weeks.....	2	5	(⁶)	2	(⁶)	(⁶)	(⁶)	2	2	3	1
<u>Maximum vacation available</u>											
Under 2 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	1	(⁶)	1	(⁶)	1	(⁶)	(⁶)
2 weeks.....	7	5	2	15	15	5	17	4	17	5	5
Over 2 and under 3 weeks.....	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
3 weeks.....	18	14	5	27	19	22	36	14	22	18	21
Over 3 and under 4 weeks.....	1	1	(⁶)	1	-	1	(⁶)	(⁶)	2	(⁶)	1
4 weeks.....	54	57	51	36	62	57	36	55	42	57	59
Over 4 and under 5 weeks.....	2	1	2	(⁶)	(⁶)	3	3	2	2	2	1
5 weeks.....	15	16	39	19	3	10	4	21	11	14	12
Over 5 weeks.....	3	5	1	2	1	2	(⁶)	2	3	4	1

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

² For definition of regions, see footnote 3 to the table in appendix A.

³ See footnote 2, table B-1.

⁴ Transportation, communication, and other public utilities.

⁵ See footnote 5, table B-2.

⁶ Less than 0.5 percent.

⁷ Includes payments other than "length of time," such as percentage of annual earnings or flat-sum payments, converted to an equivalent time basis; for example, a payment of 2 percent of annual earnings was considered as 1 week's pay. Periods of service were chosen arbitrarily and do not necessarily reflect the individual provisions for progression. For example, the changes in proportions indicated at 10 years' service include changes in provisions occurring between 5 and 10 years. Estimates are cumulative. Thus, the proportion eligible for 3 weeks' pay or more after 5 years includes those eligible for 3 weeks' pay or more after fewer years of service.

Table B-5. Health, insurance, and pension plans

(Percent distribution of plantworkers and officeworkers employed in establishments having formal provisions¹ by type of plan and type of financing in all metropolitan areas, by industry division and region, ² 1969-70³)

Industry division and region ²	Insurance plans												Sickness and accident insurance and/or sick leave				Retirement pension plans		No health, insurance, or pension plan	
	Life		Accidental death and dismemberment		Hospitalization		Surgical		Medical		Major medical		Total ⁴	Sickness and accident insurance		Sick leave (full pay and no waiting period)				Sick leave (partial pay or waiting period)
	All plans	Non-contributory plans	All plans	Non-contributory plans	All plans	Non-contributory plans	All plans	Non-contributory plans	All plans	Non-contributory plans	All plans	Non-contributory plans		All plans	Non-contributory plans		All plans	Non-contributory plans		
	Plantworkers																			
All industries and regions ⁵	93	67	66	47	95	66	94	66	84	59	59	37	82	64	48	21	12	77	65	3
Industry division:																				
Manufacturing.....	96	74	69	53	98	74	98	74	88	66	56	37	87	77	60	16	7	83	74	1
Transportation, communication, and other public utilities.....	98	68	77	42	99	57	99	57	94	54	88	71	80	43	35	32	26	82	69	1
Wholesale trade.....	92	66	71	49	96	62	95	61	87	56	71	44	84	54	42	40	13	74	62	2
Retail trade.....	87	51	54	33	88	50	88	49	75	44	59	26	78	46	29	26	24	68	48	4
Services.....	77	61	57	44	78	59	77	58	69	51	38	24	56	39	31	24	7	45	36	14
Region:																				
Northeast.....	93	76	63	48	95	75	94	74	84	65	52	37	83	68	56	25	8	81	71	2
South.....	89	50	57	30	90	44	90	44	74	34	62	27	71	52	31	21	14	64	50	5
North Central.....	95	71	70	52	96	71	96	71	88	65	52	34	91	79	63	11	12	82	73	2
West.....	93	71	78	60	98	73	98	73	95	72	82	61	77	40	29	38	21	78	62	1
	Officeworkers																			
All industries and regions.....	97	60	67	39	96	53	96	53	89	49	84	45	87	47	30	64	10	84	66	1
Industry division:																				
Manufacturing.....	98	66	73	49	98	69	98	68	92	64	80	48	91	65	44	68	6	88	70	(⁶)
Transportation, communication, and other public utilities.....	99	64	76	36	99	48	99	49	96	47	95	74	91	34	25	63	22	81	67	(⁶)
Wholesale trade.....	96	59	71	42	97	55	96	54	91	51	83	43	86	44	30	64	8	77	58	1
Retail trade.....	90	38	51	21	91	35	91	35	72	30	70	19	86	41	18	34	31	74	40	2
Finance, insurance, and real estate.....	98	60	61	33	96	42	94	41	88	37	91	38	82	35	20	71	5	91	75	(⁶)
Services.....	88	56	62	37	88	45	87	44	83	42	79	41	76	42	26	59	4	66	47	3
Region:																				
Northeast.....	97	67	63	40	95	59	94	58	85	51	82	49	86	50	35	67	6	87	71	1
South.....	96	51	63	31	95	41	95	41	88	37	86	37	81	42	22	56	11	80	58	1
North Central.....	96	60	68	41	97	54	96	53	91	51	80	39	88	54	35	59	14	84	65	1
West.....	97	59	78	43	98	54	98	54	95	53	95	56	92	38	22	77	8	85	66	1

¹ "All plans" include those plans for which at least part of the cost is borne by the employer. "Noncontributory plans" include only those plans financed entirely by the employer. Excluded are legally required plans, such as workmen's compensation, social security, railroad retirement, and compulsory temporary disability insurance required in New York and New Jersey.

² For definition of regions, see footnote 3 to table in appendix A.

³ See footnote 2, table B-1.

⁴ Unduplicated total of workers receiving sick leave or sickness and accident insurance shown separately. Sick leave plans are limited to those which definitely establish at least the minimum number of days' pay that can be expected by each employee. Informal sick leave allowances determined on an individual basis are excluded.

⁵ Includes data for real estate in addition to those industry divisions shown separately.

⁶ Less than 0.5 percent.

Labor-Management Agreement Coverage

In its study of labor-management agreement coverage, the Bureau considered all plantworkers or officeworkers in an establishment to be covered by contract if a majority of plantworkers or officeworkers in that establishment were covered by a labor-management agreement. These data provide a statistical measure of union agreement coverage rather than union membership. Also, estimates exclude small establishments in the industries within scope of the survey in metropolitan areas.¹⁹

Of the 18 million nonsupervisory plantworkers and officeworkers within scope of the survey, about 55 percent were in establishments having a labor-management agreement for their particular group. About 15 percent of the officeworkers and 67 percent of the plantworkers were employed by such firms. (See text table 11.)

Text table 11. Percents of plantworkers and officeworkers in establishments having union contracts which covered a majority of workers in the respective categories, 1969-70

Region	All industries	Manufacturing	Nonmanufacturing	Public utilities	Wholesale trade	Retail trade	Finance	Services
Plantworkers								
All metropolitan areas ----	67	76	53	92	55	35	-	50
Northeast-----	72	78	62	97	67	44	-	54
South-----	45	59	31	81	26	13	-	23
North Central-----	77	86	59	97	67	39	-	64
West-----	68	72	64	95	63	50	-	61
Officeworkers								
All metropolitan areas ----	15	13	16	61	7	13	2	7
Northeast-----	14	13	15	64	10	18	2	7
South-----	13	13	13	55	(¹)	4	(¹)	3
North Central-----	14	10	18	68	8	12	3	3
West-----	17	17	17	53	11	20	2	17

¹ Less than 0.5 percent.

¹⁹ Establishments having 50 workers or more were included in these studies, except in 12 of the largest areas in which the minimum was 100 in manufacturing, public utilities, and retail trade, and 50 in the other industry divisions.

Since 1961, the percent of plantworkers and officeworkers in companies having union agreements (as defined) declined slightly, but the number of workers covered by such agreements increased over 1.6 million.²⁰ Between 1961 and 1970, the number of plantworkers covered by union agreements increased by 20 percent, whereas the number of plantworkers without union contract coverage increased by 60 percent. In the same period, the number of officeworkers covered by contracts increased by 13 percent, while the number of officeworkers without contracts increased by 35 percent. Text table 11 presents estimates of agreement coverage for plantworkers and officeworkers, for all metropolitan areas combined, and by industry division and region.

The transportation, communication, and other public utilities division was the most extensively unionized. Ninety-two percent of the plantworkers and 61 percent of the officeworkers were in establishments in which a majority were covered by one agreement or more. Coverage in public utilities was so much higher than in other nonmanufacturing industries that removing the utilities data from nonmanufacturing totals would reduce the extent of unionization for officeworkers from 16 to 5 percent, and that of plantworkers from 53 to 41 percent. Manufacturing industries had the next highest incidence of coverage for plantworkers (76 percent), while the retail trade group had the lowest (35 percent). However, retail trade's officeworkers, having 13-percent coverage, exceeded all other nonmanufacturing industry divisions except public utilities in union contract coverage. The smallest percentage of unionized officeworkers was found in finance (2 percent).

In all geographical regions except the South, at least two-thirds of the plantworkers were in establishments operating under the terms of collective bargaining agreements. Nearly half of the plantworkers in the southern region were covered. Among officeworkers, those in the western region had the highest proportion under union coverage—17 percent, and those in the South the lowest—13 percent.

A more detailed analysis of labor-management agreement coverage was included in Wages and Related Benefits: Metropolitan Areas, United States and Regional Summaries, 1960-61 (BLS Bulletin 1285-84, 1962). Agreement coverage by size of establishment and community were included in the examination.

²⁰ The increase in the number of workers reflects the addition of 41 Standard Metropolitan Statistical Areas and the geographical expansion of existing SMSA's in addition to employment increases in SMSA's as defined for the 1961 survey.

Appendix A. Scope and Method of Survey

Data in this bulletin relate to the 229 Standard Metropolitan Statistical Areas of the United States, excluding Alaska and Hawaii, as established by the Office of Management and Budget (formerly the Bureau of the Budget) through January 1968. Data were collected in 89 metropolitan areas and in one nonmetropolitan area. However, only 85 of the areas were used as a sample designed to represent all 229 areas.

Occupational pay data are collected annually in each of the areas, and establishment practices and supplementary wage provisions are collected biennially. Tables 6, 7, and B-1 through B-5 include data from the previous year in the areas in which the supplementary data were not collected between July 1969 and June 1970. Current information was available for about half of the employment within scope of the survey.

Industry and establishment coverage

Area survey data were obtained from representative establishments within six broad industry divisions: (1) Manufacturing; (2) transportation, communication, and other public utilities; (3) wholesale trade; (4) retail trade; (5) finance, insurance, and real estate; and (6) selected services. Excluded from the scope of the studies were the construction and extractive industries and government institutions. The latter exclusion has a significant effect on the public utilities industry division. Municipally operated utilities were excluded, but privately operated utilities were included.

Within each of the six major industry groupings the scope of the studies was limited further to establishments which employed 50 workers or more. In 12 of the largest areas, the minimum size was 100 employees in manufacturing, public utilities, and retail trade. These areas are Baltimore, Boston, Chicago, Cleveland, Detroit, Los Angeles-Long Beach and Anaheim-Santa Ana-Garden Grove, Newark and Jersey City, New York, Philadelphia, Pittsburgh, St. Louis, and San Francisco-Oakland. Smaller establishments were omitted because employment in the occupations studied tended to be insufficient to warrant inclusion.

Sampling and estimating procedures

The sampling plan can be described as a two-stage design consisting of an area sample and an establishment sample. The area sample is designed to permit presentation of data for all metropolitan areas combined, and the establishment sample is designed to present data for each particular area. As was indicated earlier, this bulletin is primarily concerned with the data for all metropolitan areas combined.

The area sample of 85 areas was based on the selection of 1 from a stratum of similar areas. The criteria of stratification were size of area, region, and type of industrial activity. Insofar as possible, probability sampling was used and each area had a chance of selection roughly proportionate to its total nonagricultural employment. Thirty-seven of the areas were certain of inclusion in the sample, either because of size, as measured by the 1960 Census of Population, or because of the unusual nature of their industry composition. Each of these 37 areas represented only itself, but each of the 48 other areas represented itself and one or more similar areas; data from each area were weighted by the ratio of total non-agricultural employment in the stratum to that in the sample area when preparing estimates for all areas combined.

The establishment sample is stratified as precisely as available information permits. Each industry unit for which a separate analysis is to be presented is sampled independently. Within these broad groupings a finer stratification by business activity and size of establishment is made. To obtain optimum accuracy at minimum cost, a greater proportion of large than of small establishments was studied; however, all establishments were given their appropriate weight. Therefore, estimates as presented, relate to all establishments in the industry grouping and area, but not to those below the minimum size studied.

About 13,800 establishments employing about 10.3 million workers were included in the Bureau's sample from an estimated universe of 81,600 establishments employing about 22.4 million workers within scope of the studies in all metropolitan areas. The estimates relate to all establishments and workers within scope of the studies in all metropolitan areas.

Because of rounding, sums of individual items may not equal totals.

Occupational earnings

Workers were classified by occupation on the basis of uniform job descriptions designed to take account of minor interestablishment variation in duties within the same job; these job descriptions are listed in appendix B.

Average earnings are presented in the A tables, beginning on page 4. Data are shown for full-time workers, i.e., those hired to work a full-time schedule in the given occupational classification. Earnings data exclude premium pay for overtime and for work on weekends, holidays, and late shifts. Nonproduction bonuses are excluded, but cost-of-living allowances and incentive earnings are

included. Weekly hours refer to the standard workweek (rounded to the nearest half hour) for which employees receive their regular straight-time salaries (exclusive of pay for overtime at regular and/or premium rates). Average weekly earnings for these occupations have been rounded to the nearest half dollar.

Establishment practices and supplementary wage provisions

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

Shift differential data (see table B-1) are limited to plantworkers in manufacturing industries. This information is presented according to both (1) establishment policy,²¹ for total plantworker employment, and (2) effective practice, for workers actually employed on the specific shift at the time of the survey. In establishments having varied differentials, the amount applying to a majority was used or, if no amount applied to a majority, the classification "other" was used. For establishments in which some late-shift hours are paid at normal rates, a differential was recorded only if it applied to a majority of the shift's hours.

The scheduled weekly hours (see table B-2) of a majority of the first-shift workers in an establishment are tabulated as applying to all of the plantworkers or officeworkers of that establishment. Scheduled weekly hours are those which full-time employees were expected to work, whether they were paid straight-time or overtime rates.

Paid holidays; paid vacations; health, insurance, and pension plans (see tables B-3 through B-5); and frequency of wage payment (see table 7) are treated statistically on the basis that these are applicable to all plantworkers or officeworkers if a majority of such workers are eligible or may eventually qualify for the practices listed.

²¹ An establishment was considered as having a policy if it met either of the following conditions: (1) Operated late shifts at the time of the survey, or (2) had formal provisions covering late shifts. An establishment was considered as having formal provisions if it (1) had operated late shifts during the 12 months before the survey, or (2) had provisions in written form for operating late shifts.

Data on paid holidays (see table B-3) are limited to holidays granted annually on a formal basis; i.e., (1) are provided for in written form, or (2) have been established by custom. Annual holidays are included even though they fall on a nonworkday and the worker is not granted another day off. The first part of the paid holidays table presents the number of whole and half holidays actually granted. The second part combines whole and half holidays to show total holiday time.

The summary of vacation plans (see table B-4) is a statistical measure of vacation provisions rather than a measure of the proportion of workers actually receiving specific benefits. Provisions of an establishment for all lengths of service were tabulated as applying to all plantworkers or officeworkers of the establishment regardless of length of service. Payments other than a time basis were converted to a time basis; for example, a payment of 2 percent of annual earnings was considered as the equivalent of 1 week's pay. Estimates exclude vacation-savings plans and those which offer "extended" or "sabbatical" benefits beyond basic plans to workers with qualifying lengths of service. Such exclusions are common in the steel, aluminum, and can industries.

Only health, insurance, and pension plans (see table B-5) for which the employer pays at least a part of the cost are included in this study. Such plans include those underwritten by a commercial insurance company and those provided through a union fund or paid directly by the employer out of current operating funds or from a fund set aside for this purpose. An establishment was considered to have a plan if the majority of employees were eligible to be covered under the plan, even if less than a majority participated because employees were required to contribute toward the cost of the plan. Legally required plans, such as workmen's compensation, social security, and railroad retirement, were excluded.

Sickness and accident insurance is limited to that type of insurance under which predetermined cash payments are made directly to the insured weekly or monthly during illness or accident disability. Information is presented for all such plans to which the employer contributes. However, in New York and New Jersey, which have temporary disability insurance laws requiring employer contributions,²² plans are included only if the employer (1) contributes more than is legally required, or (2) provides the employee with benefits which exceed the requirements of the law. Tabulations of paid sick leave plans are limited to formal plans²³ which provide full pay or a

²² The temporary disability laws in California and Rhode Island do not require employer contributions.

²³ An establishment was considered as having a formal plan if it established at least the minimum number of days of sick leave available to each employee. Such a plan need not be written, but informal sick leave allowances, determined on an individual basis, were excluded.

proportion of the worker's pay during absence from work because of illness. Table B-5 distinguishes between sick leave plans which (1) provide full pay and no waiting period, and (2) provide either partial pay or a waiting period.

Major medical insurance includes those plans which are designed to protect employees against sickness and injury expenses beyond the coverage of basic hospitalization, medical, and surgical

plans. Medical insurance refers to plans providing for complete or partial payment of doctors' fees. Such plans may be underwritten by commercial insurance companies or nonprofit organizations, or they may be a form of self-insurance.

Tabulations of retirement pension plans are limited to those plans that provide monthly payments for the remainder of the workers' life.

Establishments and workers within scope of survey and number studied in all metropolitan areas¹
by major industry division² and region,³ year ending June 1970

Industry division and region	Number of establishments		Number of workers in establishments (in thousands)			
	Within scope of study ⁴	Studied	Within scope of study			Studied
			Total ⁵	Plantworkers	Officeworkers	
All industries.....	81,640	13,800	22,435.2	13,901.7	4,125.2	10,259.4
Northeast.....	23,575	3,552	6,658.1	3,925.7	1,382.0	2,853.1
South.....	22,402	3,944	4,914.4	3,275.4	786.4	2,018.2
North Central.....	23,195	4,242	7,208.3	4,636.0	1,235.8	3,609.7
West.....	12,468	2,062	3,654.4	2,064.6	721.0	1,778.4
Manufacturing.....	32,361	5,325	11,783.0	8,182.4	1,506.2	5,291.5
Northeast.....	10,929	1,503	3,531.2	2,442.2	476.8	1,351.2
South.....	7,546	1,359	2,239.6	1,685.6	208.3	911.7
North Central.....	9,687	1,780	4,336.3	3,049.0	566.7	2,202.6
West.....	4,199	683	1,675.9	1,005.6	254.4	826.0
Nonmanufacturing.....	49,279	8,475	10,652.2	5,719.3	2,619.0	4,967.9
Northeast.....	12,646	2,049	3,126.9	1,483.5	905.2	1,501.9
South.....	14,856	2,585	2,674.8	1,589.8	578.1	1,106.5
North Central.....	13,508	2,462	2,872.0	1,587.0	669.1	1,407.1
West.....	8,269	1,379	1,978.5	1,059.0	466.6	952.4
Transportation, communication, and other public utilities ⁶	6,125	1,644	2,501.5	1,308.4	491.8	1,612.7
Northeast.....	1,350	375	692.8	360.8	146.3	472.7
South.....	2,099	511	661.8	356.9	119.4	370.8
North Central.....	1,841	506	684.1	355.0	133.2	442.8
West.....	835	252	462.8	235.7	92.9	326.4
Wholesale trade.....	10,540	1,420	1,266.4	654.4	329.1	320.8
Northeast.....	2,931	361	349.9	162.3	102.3	81.2
South.....	2,974	428	321.4	181.4	75.1	78.4
North Central.....	2,848	408	366.3	189.5	95.2	104.7
West.....	1,787	223	228.8	121.2	56.5	56.5
Retail trade.....	13,810	2,109	3,368.7	2,676.7	349.0	1,644.6
Northeast.....	2,815	460	838.3	642.4	100.4	438.2
South.....	4,760	682	933.4	750.3	91.6	388.4
North Central.....	3,975	606	1,010.3	803.2	104.2	540.9
West.....	2,260	361	586.7	480.8	52.8	277.1
Finance, insurance, and real estate ⁷	7,745	1,345	1,780.6	103.9	1,177.0	796.4
Northeast.....	2,223	349	707.6	32.0	464.3	334.8
South.....	2,143	404	352.5	44.6	236.1	133.1
North Central.....	2,076	382	411.7	15.6	270.5	180.9
West.....	1,303	210	308.8	11.7	206.1	147.6
Services ⁸	11,059	1,957	1,735.0	975.9	272.1	593.4
Northeast.....	3,327	504	538.3	286.0	91.9	175.0
South.....	2,880	560	405.7	256.6	55.9	135.8
North Central.....	2,768	560	399.6	223.7	66.0	137.8
West.....	2,084	333	391.4	209.6	58.3	144.8

¹ 229 Standard Metropolitan Statistical Areas in the United States (excluding Alaska and Hawaii) as established by the Office of Management and Budget (formerly the Bureau of the Budget) through January 1968.

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

³ The regions are defined as follows: Northeast—Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; South—Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; North Central—Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; West—Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

⁴ Includes all establishments with total employment at or above the minimum limitation (50 employees). In 12 of the largest areas, the minimum size was 100 employees or more in manufacturing, public utilities, and retail trade firms.

⁵ Totals include executive, professional, and other workers excluded from the separate plant and office categories. The estimates shown in this table provide a reasonably accurate description of the size and composition of the labor force included in the survey. They are not intended, however, to serve as a basis of comparison with other employment data 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 studies.

⁶ Excludes taxicabs, services incidental to water transportation, and municipally operated establishments.

⁷ Estimate relates only to real estate establishments. Workers from the entire industry division are represented in the Series A tables, but from the real estate portion only in "all industry" estimates in the Series B tables.

⁸ 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.

Appendix B. Occupational Descriptions

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

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

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

BOOKKEEPING-MACHINE OPERATOR

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

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

Class B. Keeps a record of one or more phases or sections of a set of records usually requiring little knowledge of basic 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

Class A. Under general direction of a bookkeeper or accountant, has responsibility for keeping one or more sections of a complete set of books or records relating to one phase of an establishment's business transactions. Work involves posting and balancing subsidiary ledger or ledgers such as accounts receivable or accounts payable; examining and coding invoices or vouchers with proper accounting distribution; and requires judgment and experience in making proper assignments and allocations. May assist in preparing, adjusting, and closing journal entries; and may direct class B accounting clerks.

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

CLERK, FILE

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

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

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

CLERK, ORDER

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

CLERK, PAYROLL

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

COMPTOMETER OPERATOR

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

KEYPUNCH OPERATOR

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

KEYPUNCH OPERATOR—Continued

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

OFFICE BOY OR GIRL

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

SECRETARY

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

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

Exclusions

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

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

Class A

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

Class B

- a. Secretary to the chairman of the board or president of a company that employs, in all, fewer than 100 persons; or
- b. Secretary to a corporate officer (other than the chairman of the board or president) of a company that employs, in all, over 100 but fewer than 5,000 persons; or
- c. Secretary to the head (immediately below the officer level) over either a major corporate-wide functional activity (e.g., marketing, research, operations, industrial relations, etc.) or a major geographic or organizational segment (e.g., a regional headquarters; a major division) of a company that employs, in all, over 5,000 but fewer than 25,000 employees; or

SECRETARY—Continued

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

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

Class C

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

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

Class D

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

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

STENOGRAPHER, GENERAL

Primary duty is to take dictation involving a normal routine vocabulary from one or more persons either in shorthand or by Stenotype or similar machine; and transcribe dictation. May also type from written copy. May maintain files, keep simple records, or perform other relatively routine clerical tasks. May operate from a stenographic pool. Does not include transcribing-machine work. (See transcribing-machine operator.)

STENOGRAPHER, SENIOR

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

OR

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

SWITCHBOARD OPERATOR

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

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

SWITCHBOARD OPERATOR-RECEPTIONIST

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

TABULATING-MACHINE OPERATOR

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

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

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 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.

TABULATING-MACHINE OPERATOR—Continued

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

TRANSCRIBING-MACHINE OPERATOR, GENERAL

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

TYPIST

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

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

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

COMPUTER PROGRAMER, 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 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 (EDP) employees, or programmers primarily concerned with scientific and/or engineering problems.

For wage study purposes, programmers are classified as follows:

Class A. Works independently or under only general direction on complex problems which require competence in all phases of programming 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 programming actions needed to efficiently utilize the computer system in achieving desired end products.

At this level, programming 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 programmers who are assigned to assist.

COMPUTER PROGRAMER, BUSINESS—Continued

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 programmer or supervisor. May assist higher level programmer by independently performing less difficult tasks assigned, and performing more difficult tasks under fairly close direction.

May guide or instruct lower level programmers.

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 programmers 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 (EDP) 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 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,

COMPUTER SYSTEMS ANALYST, BUSINESS—Continued

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 alignment 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 programmers 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.

NURSE, INDUSTRIAL (REGISTERED)

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

MAINTENANCE AND POWERPLANT

CARPENTER, MAINTENANCE

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

CARPENTER, MAINTENANCE—Continued

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

HELPER, MAINTENANCE TRADES

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

MACHINE-TOOL OPERATOR, TOOLROOM

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

MACHINIST, MAINTENANCE

Produces replacement parts and new parts in making repairs of metal parts of mechanical equipment operated in an establishment. Work involves most of the following: Interpreting written instructions and specifications; planning and laying out of work; using a variety of machinist's handtools and precision measuring instruments; setting up and operating standard machine tools; shaping of metal parts to close tolerances; making standard shop computations relating to dimensions of work, tooling, feeds, and speeds of machining; knowledge of the working 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

MECHANIC, AUTOMOTIVE (MAINTENANCE)—Continued

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.

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.

OILER

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

PAINTER, MAINTENANCE

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

PIPEFITTER, MAINTENANCE

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

PLUMBER, MAINTENANCE

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

SHEET-METAL WORKER, MAINTENANCE

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

SHEET-METAL WORKER, MAINTENANCE—Continued

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

TOOL AND DIE MAKER

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

Constructs and repairs machine-shop tools, gages, jigs, fixtures or dies for forgings, punching, and other metal-forming work. Work involves most of the following: Planning and laying out of work from models, blueprints, drawings, or other oral and written specifications;

TOOL AND DIE MAKER—Continued

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

(Sweeper; charwoman; janitress)

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

LABORER, MATERIAL HANDLING

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

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

ORDER, FILLER

(Order picker; stock selector; warehouse stockman)

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

PACKER, SHIPPING

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

SHIPPING AND RECEIVING CLERK

Prepares merchandise for shipment, or receives and is responsible for incoming shipments of merchandise or other materials. Shipping work involves: A knowledge of shipping procedures, practices, routes, available means of transportation, and rate; 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)

U.S. DEPARTMENT OF LABOR
BUREAU OF LABOR STATISTICS
WASHINGTON, D.C. 20212

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

FIRST CLASS MAIL

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF LABOR

