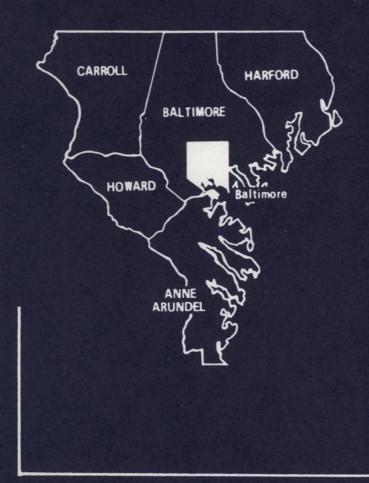
# **AREA WAGE SURVEY**

Baltimore, Maryland, Metropolitan Area, August 1972

**Bulletin 1775-20** 



U.S. DEPARTMENT OF LABOR

Bureau of Labor Statistics

#### Preface

This bulletin provides results of an August 1972 survey of occupational earnings and supplementary wage benefits in the Baltimore, Maryland, Standard Metropolitan Statistical Area (city of Baltimore and the counties of Anne Arundel, Baltimore, Carroll, Harford, and Howard). The survey was made as part of the Bureau of Labor Statistics annual area wage survey program. The program is designed to yield data for individual metropolitan areas, as well as national and regional estimates for all Standard Metropolitan Areas in the United States, excluding Alaska and Hawaii, (as defined by the U.S. Office of Management and Budget through November 1971).

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

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

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

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

#### Note:

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



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#### Introduction

This area is 1 of 96 in which the U.S. Department of Labor's Bureau of Labor Statistics conducts surveys of occupational earnings and related benefits on an areawide basis. In this area, data were obtained by personal visits of Bureau field economists to representative establishments within six broad industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Major industry groups excluded from these studies are government operations and the construction and extractive industries. Establishments having fewer than a prescribed number of workers are omitted because of insufficient employment in the occupations studied. Separate tabulations are provided for each of the broad industry divisions which meet publication criteria.

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

#### Occupations and Earnings

The occupations selected for study are common to a variety of manufacturing and nonmanufacturing industries, and are of the following types: (1) Office clerical; (2) professional and technical; (3) maintenance and powerplant; and (4) custodial and material movement. Occupational classification is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. The occupations selected for study are listed and described in the appendix. Unless otherwise indicated, the earnings data following the job titles are for all industries combined. Earnings data for some of the occupations listed and described, or for some industry divisions within occupations, are not presented in

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

the A-series tables, because either (1) employment in the occupation is too small to provide enough data to merit presentation, or (2) there is possibility of disclosure of individual establishment data. Earnings data not shown separately for industry divisions are included in all industries combined data, where shown. Likewise, data are included in the overall classification when a subclassification of electronics technicians, secretaries, or truckdrivers is not shown or information to subclassify is not available.

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

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

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

Average pay levels for men and women in selected occupations should not be assumed to reflect differences in pay of the sexes within individual establishments. Factors which may contribute to differences include progression within established rate ranges, since only the rates paid incumbents are collected, and performance of specific duties within the general survey job descriptions. Job descriptions used to classify employees in these surveys usually are more generalized than those used in individual establishments and allow for minor differences among establishments in specific duties performed.

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

#### Establishment Practices and Supplementary Wage Provisions

Information is presented (in the B-series tables) on selected establishment practices and supplementary wage provisions for plantworkers and officeworkers. Data for industry divisions not presented separately are included in the estimates for "all industries." Administrative, executive, and professional employees, and construction workers who are utilized as a separate work force are excluded. "Plantworkers" include working foremen and all nonsupervisory workers (including leadmen and trainees) engaged in nonoffice functions. "Officeworkers" include working supervisors and nonsupervisory workers performing clerical or related functions. Cafeteria workers and routemen are excluded in manufacturing industries, but included in nonmanufacturing industries.

Minimum entrance salaries for women officeworkers relate only to the establishments visited. (See table B-1.) Because of the optimum sampling techniques used and the probability that large establishments are more likely than small establishments to have formal entrance rates above the subclerical level, the table is more representative of policies in medium and large establishments.

Shift differential data are limited to plantworkers in manufacturing industries. (See table B-2.) This information is presented in terms of (1) establishment policy for total plantworker employment, and (2) effective practice for workers actually employed on the specified shift at the time of the survey. In establishments having varied differentials, the amount applying to a majority is used; if no amount applies to a majority, the classification "other" is used. In establishments having some late-shift hours paid at normal rates, a difference is recorded only if it applies to a majority of the shift hours.

The scheduled weekly hours and days 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. (See table B-3.) Scheduled weekly hours and days are those which a majority of full-time employees are expected to work, whether they are paid straight-time or overtime rates.

<sup>2</sup> An establishment is 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.

Paid holidays; paid vacations; and health, insurance, and pension plans 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. (See tables B-4 through B-6.) Sums of individual items in tables B-2 through B-6 may not equal totals because of rounding.

Data on paid holidays are limited to holidays granted annually on a formal basis; i.e., (1) are provided for in written form, or (2) are established by custom. (See table B-4.) Holidays ordinarily granted are included even though they may 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. Table B-4a reports the incidence of the most common paid holidays.

The summary of vacation plans is a statistical measure of vacation provisions rather than a measure of the proportion of workers actually receiving specific benefits. (See table B-5.) Provisions apply to all plantworkers or officeworkers in an establishment regardless of length of service. Payments on other than a time basis are converted to a time period; for example, 2 percent of annual earnings are considered equivalent to 1 weeks' pay. Only basic plans are included. Estimates exclude vacation bonuses, vacation-savings plans, and "extended" or "sabbatical" benefits beyond basic plans. Such provisions are typical in the steel, aluminum, and can industries.

Health, insurance, and pension plans for which the employer pays at least a part of the cost include those (1) underwritten by a commercial insurance company or nonprofit organization, (2) provided through a union fund, or (3) paid directly by the employer out of current operating funds or from a fund set aside for this purpose. (See table B-6.) An establishment is considered to have such a plan if the majority of employees are covered under the plan even if less than a majority elect to participate because employees are required to contribute toward the cost of the plan. Excluded are legally required plans, such as workmen's compensation, social security, and railroad retirement.

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

<sup>&</sup>lt;sup>3</sup> The temporary disability laws in California and Rhode Island do not require employer contributions.

are limited to formal plans 4 which provide full pay or a proportion of the worker's pay during absence from work because of illness. Separate tabulations are presented according to (1) plans which provide full pay and no waiting period, and (2) plans which provide either partial pay or a waiting period. In addition to the presentation of proportions of workers provided sickness and accident insurance or paid sick leave, an unduplicated total is shown of workers who receive either or both types of benefits.

Long-term disability insurance plans provide payments to totally disabled employees upon the expiration of their paid sick leave and/or sickness and accident insurance, or after a predetermined period of disability (typically 6 months). Payments are made until

<sup>4</sup> An establishment is 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, are excluded.

the end of the disability, a maximum age, or eligibility for retirement benefits. Full or partial payments are almost always reduced by social security, workmen's compensation, and private pension benefits payable to the disabled employee.

Major medical insurance plans protect employees from sickness and injury expenses beyond the coverage of basic hospitalization, medical, and surgical plans. Typical features of major medical plans are (1) a "deductible" (e.g., \$50) paid by the insured before benefits begin; (2) a coinsurance feature requiring the insured to pay a portion (e.g., 20 percent) of certain expenses; and (3) stated dollar maximum benefits (e.g., \$10,000 a year). Medical insurance provides complete or partial payment of doctors' fees. Dental insurance usually covers fillings, extractions, and X-rays. Excluded are plans which cover only oral surgery or accident damage. Retirement pension plans provide payments for the remainder of the worker's life.

Table 1. Establishments and workers within scope of survey and number studied in Baltimore, Md., by major industry division, August 1972

	Minimum	Number of est	ablishments		Wo	rkers in establishm	ents	
	employment in establish-			10.00	Within sco	pe of study		Studied
Industry division	ments in scope	Within scope of study <sup>3</sup>	Studied	Tota	al <sup>4</sup>	Plant	Office	Studied
	of study	MANAGE TO SERVICE TO S		Number	Percent	Plant	Office	Total4
All establishments				At his his				
All divisions		928	224	338,420	100	211,483	60,055	207,563
Manufacturing	100	324	76	163,804	48	114,004	18,494	101,858
Nonmanufacturing	-	604	148	174,616	52	97,479	41,561	105,705
Transportation, communication, and				100,000				
other public utilities 5	100	52	18	33,534	10	17, 109	8,473	27,380
Wholesale trade	50	138	31	19,832	6	9,618	5,224	6,934
Retail trade	100	119	30	61,753	18	51,037	5,068	41,041
Finance, insurance, and real estate 6	50	110	32	30,386	9	72,681	18,099	18,553
Services 8	50	185	37	29, 111	9	17,034	4,697	11,797
Large establishments								
All divisions	-	114	86	200,458	100	126, 715	36,847	179,995
Manufacturing	500	61	41	109, 146	54	76,519	12,587	93,766
Nonmanufacturing	_	53	45	91,312	46	50, 196	24,260	86,229
Transportation, communication, and								
other public utilities 5	500	5	5	24,059	12	11,001	7,503	24,059
Wholesale trade	500	5	4	3,672	2	992	1,844	2,722
Retail trade	500	25	19	42,024	21	34,351	3,862	38,441
Finance, insurance, and real estate 6	500	13	12	14,489	7	-	10,110	13,939
Services 8	500	5	5	7,068	4	3,852	941	7,068

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

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

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

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

5 Abbreviated to "public utilities" in the A- and B-series tables. Taxicals and services incidental to water transportation were excluded. Local transit operations in Baltimore are governmentally owned and operated and excluded by definition from the scope of the study.

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

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

<sup>8</sup> Hotels and motels; laundries and other personal services; business services; automobile repair, rental, and parking; motion pictures; nonprofit membership organizations (excluding religious and charitable organizations); and engineering and architectural services.

#### Industrial composition in manufacturing

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

Industry groups	Specific industries
Primary metal industries19 Electrical equipment and supplies16	Blast furnace and basic steel products16 Communication equipment14
Transportation equipment11	Ship and boatbuilding and
Food and kindred products10	repairing5
Apparel and other textile	
Chemicals and allied products 6	
Machinery, except electrical 6	
Fabricated metal products 5	
Printing and publishing 5	

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

#### Labor-management agreement coverage

The following tabulation shows the percent of plantworkers and officeworkers employed in establishments in which a contract or contracts covered a majority of the workers in the respective categories, Baltimore, Md., August 1972:

	Plantworkers	Officeworker
All industries	66	17
Manufacturing	83	17
Public utilities	74	60
Wholesale trade	53	1
Retail trade	46	34
Finance	2	_
Services	15	-

An establishment is considered to have a contract covering all plantworkers or officeworkers if a majority of such workers are covered by a labor-management agreement. Therefore, all other plantworkers or officeworkers are employed in establishments that either do not have labor-management contracts in effect, or have contracts that apply to fewer than half of their plantworkers or officeworkers. Estimates are not necessarily representative of the extent to which all workers in the area may be covered by the provisions of labor-management agreements, because small establishments are excluded and the industrial scope of the survey is limited.

## Wage Trends for Selected Occupational Groups

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

#### Method of Computing

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

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

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

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

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

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

#### Limitations of Data

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

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

Table 2. Indexes of earnings for selected occupational groups in Baltimore, Md., August 1971 and August 1972, and percents of increase for selected periods

		All in	dustries			Manuf	acturing	
Day Pri Bal	Weekly	earnings	Hourly e	arnings	Weekly	earnings	Hourly e	arnings
Period	Office clerical (men and women)	Industrial nurses (men and women)	Skilled maintenance trades (men)	Unskilled plant- workers (men)	Office clerical (men and women)	Industrial nurses (men and women)	Skilled maintenance trades (men)	Unskilled plant- workers (men)
			1	ndexes (Octo	ber 1967=100	)		
August 1971	128.5 133.9	134.6 140.9	126.5 136.2	127.0 131.4	132.7 135.0	134.9 141.5	126.7 135.7	132.1 134.6
				Percents	of increase			
September 1959 to December 1960:								
15-month increase	3.5	3.2	3.4	4.2	4.1	5.3	3.2	5.9
Annual rate of increase	2.8	2.6	2.7	3.3	3.3	4.2	2.6	4.7
December 1960 to November 1961:								
11-month increase	3.1	6.7	3.8	4.2	1.6	6.0	3.8	3.6
Annual rate of increase	3.4	7.3	4.2	4.6	1.7	6.6	4.2	3.9
November 1961 to November 1962	2.8	3.9	1.8	.9	3.1	3.3	1.1	2.2
November 1962 to November 1963	3.5	1.4	2.5	4.3	3.5	1.8	2.2	4.1
November 1963 to November 1964	3.9	1.4	3.7	2.6	1.5	.9	4.1	2.3
November 1964 to November 1965	3.4	1.4	3.1	2.4	1.4	1.3	2.9	2.9
November 1965 to November 1966	3.8	4.0	6.6	.9	3.8	4.4	7.1	1.5
November 1966 to October 1967:			0.0	.,	3.0			
11-month increase	4.5	9.1	3.7	5.4	3.6	8.4	3.5	5.3
Annual rate of increase	4.9	10.0	4.0	5.9	3.9	9.2	3.8	5.8
October 1967 to September 1968:								
11-month increase	5.8	6.7	6.4	7.8	5.4	7.0	6.4	6.4
Annual rate of increase	6.3	7.3	7.0	8.5	5.9	7.7	7.0	7.0
September 1968 to August 1969:								
11-month increase	5.1	8.1	3.1	4.9	5.4	7.2	2.5	5.7
Annual rate of increase	5.6	8.9	3.4	5.4	5.9	7.9	2.7	6.2
August 1969 to August 1970	6.4	7.2	4.9	3.3	8.0	6.8	5.4	4.5
August 1970 to August 1971	8.6	8.9	9.9	8.7	10.6	10.1	10.2	12.3
August 1971 to August 1972	4.2	4.7	7.7	3.5	1.7	4.9	7.1	1.9
	***	***		3.3		4.7	1	1.7

## A. Occupational earnings

### Table A-1. Office occupations: Weekly earnings

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Baltimore, Md., August 1972)

					earnings <sup>1</sup> dard)					N	lumbe	r of w	orker	s rece	iving	straig	ht-tim	e wee	kly ea	rning	s of—					
	Number	Average		Į ,		\$ 1		\$ 1						\$												
Occupation and industry division	of workers	hours 1	Mean 2	Median 2	Middle range 2	60 and	00	70	15	80	85	90	100	110	120	130	140	150	160	170	180	190	200	210	220	
		(standard)	· · · · · · · · · · · · · · · · · · ·	- Incaran	made range	under	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
						65	70	75	80	85	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	01
MEN AND WOMEN COMBINED																										
ILLERS, MACHINE (BILLING			\$	\$	\$ \$						-															
MACHINE)					105.50-125.00	-	-	2	-	1	5	6	33	38	29 17	9	-	-	-	-	-		-	-	_	
NONMANUFACTURING	73	40.0	111.00	115.50	103.00-119.00	-	-	2	-	1	3	6	22	26	12	-	-	-	-	-	1	-	-	-	-	
ILLERS, MACHINE (BCCKKEEPING																										
MACHINE)	75	37.0	105.50	106.00	91.50-110.00	-	-	-	3	2	11	15	26	1	-	17	-	-	-	-	-	-	-	-	-	
COKKEEPING-MACHINE CPERATORS,												-						30								
NONMANUFACTURING					101.00-128.00	-	-	-	-	2	3	9	14	5	20	3	2	-	-		-	-	-	-	-	
CONVEEDING - NACHINE COERATORS				The state of																						
CLASS B				102.00		-	-	-	15	2	-	39	18	14	4	19	4	-	-	-	-	-	-	-	-	
NONPANUFACTURING	88	38.5	98.50	95.50	91.00-110.00	-	-	-	15	2	-	37	13	13	-	4	4	-	-	-	-	-	-	-	-	
LERKS, ACCOUNTING, CLASS A					126.50-164.00	-	-	-	-	2	-	29	50	116	175	147	286	84	48	72	19	35	35	41	45	
MANUFACTURING			142.00	140.50	135.00-195.00 123.00-149.50	-	-	-	-	2	-	29	46	29 87	126	50 97	74	36 48	25	42 30	10	10	13	34	40	
RETAIL TRADE	57	39.0	121.00	122.00	114.50-133.50	-	-	-	-	2	-	6	3	12	17	11	4	-	1	1	-	-	-	-	-	
SERVICES					114.00-136.00 106.00-129.50	-	-	-	-	-	-	21	29 14	30 19	33	21	14	13	2	1	-	9	-	-	-	
LERKS, ACCOUNTING, CLASS B	1,575	38.5	114.50	110.00	99.00-126.50	-	1	_	42	54	90	225	379	278	160	116	83	63	20	23	24	14	1	1	1	
MANUFACTURING	406	39.0	127.50	122.00	104.50-152.00	-	-	-	15	17	11	17	74	58	44	47	10	50	13	18	17	12	1	1	1	
NCMMANUFACTURING	1,169				97.00-120.00	-	-	-	27	37	79 15	208 35	305 100	220 93	116	69	73	13	7 2	5	7	2	-	-	-	
FINANCE				109.50	90.50-119.00	=	1	-	12	8	12	17 90	21 70	41 57	26	1 9	-	-	-	-	-	-		=	-	
SERVICES				101.00		-	-	-	-	21	18	38	63	15	1	1	9	2	2	-	-	-	-	-	-	
LERKS, FILE, CLASS A	113	39.5	133.50	119.00	115.00-144.50	-	_	_	-	2	2	6	2	53	8	4	9	8	4	1	3	2	4	2	2	
NCMMANUFACTURING	74				112.00-156.00	-	-	-	-	2	2	6	2	21	6	2	8	7	4	1	3	2	3	2	2	
CLERKS, FILE, CLASS B	553	39.0	102.00	94.00	85.50-117.50	4	1	17	45	65	66	154	43	36	46	28	22	2	11	5	1	5	2	-	-	
MANUFACTURING			106.50	92.00		4	1	17	43	65	18	61 93	34	21 15	24	24	20	2	10	5	1	5	-	-	-	
FINANCE			88.00			-	-	12	34	43	38	50	10	6	3	-	-	-	-	-	-	-	-	-	-	
LERKS, FILE, CLASS C	517	37.5	88.00	83.00	76.50- 94.00	-	35	64	98	109	47	89	20	31	4	6	_	1	3	3	1	6	-	-	_	
NCNMANUFACTURING	483	37.5	87.00	82.00	76.00- 92.50	-	35	64	98	109	45	66	17	26	4	6	-	-	3	3	1	6	-	-	-	
FINANCE			84.00			-	35	39	19 77	25 74	19	43	2 8	2	1	-	-	1 =	-	- 2	-	-	-	-	-	
LERKS, CRCER		30.0	114 00	107.00	94.50-130.00	2			19	28	38	118	103	64	45	56	21	13	7	15	2	8	16			
MANUFACTURING				101.00		-	-	-	-	1	25	23	11	10	17	4	2	2	2	-	-	3	-	-	-	
WHOLESALE TRADE				107.50	95.00-131.50	2	-	4	19	27 16	13	95 53	92 56	54 27	28	52	19	11	5	15	2 2	5	16	-	-	
RETAIL TRACE	153				88.00-109.50	2	-	6	19	11	4	42	36	27	-	8	-	-	-	-	-	-	-	-	-	
LERKS, PAYROLL	369	39.0	150.00	140.50	121.50-186.00	-	_	2	3	2	2	35	22	23	53	41	40	29	12	10	5	16	7	4	53	
MANUFACTURING	240	39.5	162.00	152.00	127.50-220.50	-	-	-	1	-	-	22	9	11	26	21	21	27	9	6	5	8	7	4	53	
RETAIL TRACE					109.00-141.00	-	-	2	2	2	2	13	13	12	27	20	19	2	3	4	-	8	-	-	-	
TELETE INFOL	1	3	-10.50		130.00			-	-	•	-	,	,	,												

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

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Baltimore, Md., August 1972)

				Weekly (stan	earnings 1 dard)												ht-tim			-						
Occupation and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard)	Mean 2	Median 2	Middle range 2	60 and under 65	65	70	75	-	85	90	100	110	120	130	140 - 150	150	160	170	180	190	200	210	220	an
MEN AND WOMEN COMBINED CONTINUED																										
XEYPUNCH OPERATORS, CLASS A MANUFACTURING NONMANUFACTURING FINANCE	343 284	39.0 38.5	133.50	132.00	\$ 118.00-141.00 125.00-141.50 108.50-140.50 106.00-124.50	=	:	::		:		22 2 20 12	71 13 58 28	31	157 103 54 31	118 93 25 8	63	66 33 33	6 1 5	11 1 10 7	:	:	3 -		:	
MANUFACTURING	316 929 198 227 121 304	39.0 39.0 39.0 39.5 39.0 38.5	133.00 106.50 118.50 103.00	111.00 107.00 119.50 107.00 116.00 99.00				2 - 2	15 3 12 3 - 8 1	56 5 51 3 22 2 24	57 13 44 - 3 3 3 31 7	294 101 193 14 33 11 98 37	30 211 44 85 27	74 157 37 45 23 50	27 115 12 36 14 43	12 46 25 3 10 6	40 2 - 29 9	7 7	3 3	5 5	63 5 58 58 -					
ESSENGERS (OFFICE BOYS AND GIRLS)- MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES FINANCE	429 114 315 87 166	40.0 38.5 39.0	96.50	91.50 108.00	86.50-114.50 100.50-117.50 84.00-104.50 91.50-127.50 80.50-94.50	=	4 - 4	13 13 -	32 3 29 - 22	40 1 39 4 22	60 6 54 13 28	99 18 81 21 52	59 19 40 10 19	82 64 18 6 4	20 20 16 2	-	3	10 10 10	5 5 5	=	2 2 2	:	:			
MANUFACTURING MANUFACTURING NCMPANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE RETAIL TRADE FINANCE SERVICES	1,200 2,562 292 317 218	39.0 38.0 39.0 39.5 39.0 38.0	149.50 138.00 178.50 134.00 131.50 127.50	148.50 133.50 185.00 127.50 137.00 125.50	120.00-159.50 129.00-166.50 117.50-153.00 156.00-202.50 111.50-153.50 124.00-150.50 115.00-140.00 121.50-158.00		11111111			23 14 9 - 7 2	30 - 30 - 7 22 1	123 27 96 - 35 3 38 20	40	524 117 407 15 58 5 234 95	113 396 17 41 27	128 376 13 32 51	318 20 29 31	137	176 152 22	80 101 28	105	59 30 29 15 5 - 2	84 22 62 41 15 -	37 20 17 10 3 - 2	39 21 18 14 4	
SECRETARIES, CLASS A	276 80 196 78	39.5 38.0	162.00	150.50	135.00-162.00 147.00-162.50 123.00-162.00 140.50-152.50	-	:	:	:	:	21	:	11 11 4	20 5 15 3	11 - 11 5	29 1 28 5	74 32 42 38	33 19 14 12	28 7 21 3	:	12 1 11 2	4 1 3 1	9 1 8 3	10 7 3 2	7 3 4	
SECRETARIES, CLASS B MANUFACTURING	709 140 569 67 67 297	39.5 38.5 39.0 39.0 38.5	171.00 145.50 176.00 149.00 135.50	176.00 142.00 186.50 147.00 134.00	130.00-172.50 149.00-201.00 128.00-163.00 170.00-189.50 129.00-172.50 120.50-148.00 139.00-168.00						1 - 1 - 1 - 1 - 1	20 9 11 - 8 3	23 2 21 2 - 18	63 4 59 3 3 51 2	67 - 8	116 7 109 2 7 58 24	105 10 95 2 11 54 16	63 7 56 7 9 29 11	-	63 21 42 8 10 18	53 13 40 30 2 2	2	30 16 14 10 1	9 7 2 - 2	13 10 3 - 3	
SECRETARIES, CLASS C MANUFACTURING PUBLIC UTILITIES RETAIL TRADE FINANCE	1,478 494 984 105 116 60 433 270	39.5 38.0 38.0 40.0 39.0 38.0	159.50 134.00 152.50 135.00 135.50 124.50	161.00 129.50 156.00 137.00 139.00 123.50	121.00-162.00 147.50-174.00 117.50-148.00 131.00-177.00 112.00-154.00 121.00-160.00 115.00-135.00 121.50-158.50	1111111	111111111			2 - 2 - 2	8 - a - 7 1	40 - 40 - 15 2 18 5	6 62 - 6	232 33 199 12 20 4 119	31 187 14 12 5	9 12 14	53 122 16 18 5	168 94 74 7 7 6 12 42	176 121 55 11 7 15 6 16	100 51 49 18 6 - 3 22	94 55 39 18 2 - 1 18	21 18 3 - 2 -	12 5 7 - 7	1 - 1	8 8	
SECRETARIES, CLASS D		38.5 39.0 38.5 39.5 38.0	128.50 131.00 126.50 121.50 115.00	127.50 133.50 123.50 116.00 115.00	113.50-143.00 117.50-144.00 110.50-142.00 107.00-128.00 104.00-123.50 118.00-146.00					21 14 7 7		63 18	144 32 112 19 59	203 75	197 78	192 106 86 9	164	87 17 70 4 6	65 30 35 1	16 8 8 2 -	2 - 2 1 - 1	1 1	7 7 7 -	2 2	1 1 1 -	

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

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Baltimore, Md., August 1972)

				(stan	earnings <sup>1</sup> dard)					N	lumbe								kly ear							
Occupation and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard)	Mean 2	Median 2	Middle range <sup>2</sup>	60 and under	65	70	75	-	85	90	100	110	120	130	140	150	160	170	180	190	200	-	-	ar
MEN AND WOMEN COMBINED CONTINUED						65	70		80	85	90,	100	110	120	130	140	150	160	170	180	190	200	210	220	230	ov
TENOGRAPHERS, GENERAL	844 211 633 238 56 264	39.0 39.0 39.5 39.0	125.50 123.50 150.00 120.00	125.50 115.00 153.00 123.00	\$ \$ 100.50-139.50 103.00-142.00 100.00-137.00 116.50-180.00 112.50-128.50 91.00-117.00		111111			25 - 25 - 25	41 2 39 - - 37	139 42 97 4 - 73	105 17 88 32 11 21	133 17 116 35 14 54	116 40 76 14 24 26	77 30 47 15 7 21	50 34 16 9	33 13 20 20	29 6 23 23	35 7 28 28	15 2 13 13	46 1 45 45				
TENOGRAPHERS, SENIOR	710 317 393 179	39.0 37.0	125.50	130.00	106.50-139.50 106.00-142.00 107.00-132.50 96.00-121.50	= = =	-			2 2 -	10 1 9 9	80 28 52 52	120 77 43 32	85 21 64 39	148 30 118 23	90 71 19 3	50 23 27 9	59 50 9	17 12 5 1	15	13 2 11	16 16 11	2 - 2 -	2 - 2 -	1 - 1 -	
NITCHBOARD OPERATORS, CLASS A	127 80				106.00-142.00	-	-	-	-	5	-	23 21	12 10	13	23 22	12	23	9	2	3 2	12	2	-	-	=	
WITCHBCARD CPERATORS, CLASS B NORMANUFACTURING		38.0 38.5 38.5	106.50 153.50 96.00	99.50 140.00 91.50	91.00-119.00 90.50-118.50 137.50-172.50 87.00-110.50 101.50-118.50	:		3 3 - 1	9 - 5 -	13 11 - 9	34 34 - 28 1	67 65 - 37 10	32 30 - - 17	56 34 - 15 17	15 13 - 5 8	23 23 16 7	4 3 2 -	2 2 - 2	1 -	13 13 13						
WITCHBCARD OPERATOR-RECEPTIONISTS- MANUFACTURING NOMPANUFACTURING PUBLIC UTILITIES MHOLESALE TRADE FINANCE SERVICES	417 158 259 27 111 50 56	38.5 39.0 40.0 39.5 38.5	111.50 110.50 140.50 110.00 100.00	112.00 104.50 144.00 105.50 98.50	97.50-123.50 100.00-124.50 97.50-123.00 125.00-153.00 97.50-126.00 95.00-104.50 98.00-120.00	=			15 7 8 - 8 -	17 1 16 - 7 - 8	19 16 3 - 3 -	79 15 64 - 22 31 10	88 29 59 1 24 13	4	73 42 31 4 10 6 7	17 5 12 2 10	11 1 10 4 1 - 5	14 4 10 10	11 10 - 10	4 2 2 - 1 - 1	5 3 2 2					
ABULATING-MACHINE CPERATORS, CLASS B NOMANUFACTURING PUBLIC UTILITIES	67				135.00-185.50 141.00-187.50	-	-		-	-	-	-	5	6 2	1	7	15	5	2	2	22 15	1 -		1 -		
RANSCRIBING-MACHINE CPERATORS, GENERAL	224 58 166 124	39.0 38.0	104.50	106.00 100.00 107.00 104.50	96.00-117.50					20 14 6 6	11 1 10 10	52 15 37 30	55 4 51 51	32 6 26 14	42 18 24 11	8 - 8 2	1 -	1 - 1 -	1 - 1		1	1 -	:		:	
YPISTS, CLASS A	669 223 446 136 217	39.0 39.0 39.5	125.00 114.00 140.50	128.00 105.00 140.50	98.00-132.50 111.00-134.50 94.50-128.50 115.00-167.00 87.50-104.00	-			10 - 10 - 10	31 5 26 - 26	38 1 37 - 36	22 88 6	115 26 89 16 40	71 21 50 20 15	94 50 44 16 20	83 58 25 9	40 23 17 11 1	6 4 2 -	64 6 58 58	4 4	3	:	-	:	:	
YPISTS, CLASS B	1,145 199 946 57 105 143 513 128	39.0 38.0 40.0 39.5 38.5 38.5	101.50 94.50 114.00 97.00 99.00 91.00	97.50 93.00 107.50 100.00 100.50 90.00	91.00-111.00 86.00-103.50 99.50-120.50 89.50-107.50 90.00-109.50 84.50- 97.50		1 1	24 1 23 - 4 - 14 5	68 5 63 - 3 32 28	3 106 - 4 10	20 22 119	76 248 11 24 36 159	259 35 224 18 35 41 85 45		29 5 24 7 - 13 2 2	23 21 2 - 2 2	4 3 1 1	3 3		1 1	2 2 2	3 3				

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

(Average straight-time weekly hours and earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Baltimore, Md., August 1972)

					earnings 1 dard)	100				N	ımber	of we	orkers	recei	ving s	traigh	t-time	week	ly ear	nings	of—					
Occupation and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard)	Mean 2	Median 2	Middle range <sup>2</sup>		70	75	80	85	90	95	\$ 100 - 110	110	120	130	140	150	160	170	180	190	200	210	220	and
MEN AND WOMEN COMBINED																	99.00						77.7			
CLERKS, ACCOUNTING, CLASS A MANUFACTURING NONMANUFACTURING	810 283 527 70	39.0 39.0	172.00	165.50	\$ 135.50-174.00 138.50-216.50 131.00-149.50 112.50-136.00	-			2 - 2 -	:	4 -	2 - 2 -	21 4 17 14	56 24 32 17	89 16 73 17	33	226 30 196 8	43 24 19 1	40 18 22 2	41 19 22 1	16 8 8	23 10 13 1	32 13 19	37 31 6	45 40 5	13
CLERKS, ACCOUNTING, CLASS B MANUFACTURING NORMANUFACTURING RETAIL TRADE FINANCE	858 278 580 129 123	39.5 39.0 39.0	134.50 115.50 105.50	128.50 114.50 113.50	103.50-136.50 108.50-158.00 101.00-127.50 90.00-119.50 93.00-112.00	=		13 1 12 12	12 3 9 8 1	34 6 28 12 15	46 7 39 14 25	48 5 43 3 25	168 56 112 12 23	170 36 134 41 22	108 30 78 26 10	66 26 40 1 2	71 7 64 -	46 41 5	17 13 4 -	23 18 5	22 17 5	11 9 2 -	1	1 -	1	
CLERKS, FILE, CLASS A	58	39.0	137.50	120.50	111.50-176.00	-	-	-	2	2	4	2	2	17	8	4	1	1	-	1	3	2	4	2	2	1
CLERKS, FILE, CLASS B MANUFACTURING NONNANUFACTURING FINANCE	348 72 276 129	39.5 38.5	105.00 110.50 103.50 85.50	110.00	92.50-132.00 81.50-120.00	-	17 17 12	45 2 43 34	34 34 25	39 9 30 20	49 16 33 21	16 16 11	38 9 29 5	9 3 6 1	25 6 19	28 24 4	22 2 20	2 - 2 -	11 1 10	5	1 -	5	2 - 2 -		-	
CLERKS, FILE, CLASS C	212 195 105	38.0		88.00	79.00-109.00	1	20 20 18	36 36 22	31 31 27	18 16 15	9 6 3	26 23 13	18 15 6	29 24 -	4	6	=	1 -	3	3	1 1 -	6	:	1	:	1112
CLERKS, ORDER	211 73 138 101	38.5 38.5	105.50	103.50 99.00 106.00 106.00	89.50-114.50	-	4 4	19 - 19 19	11 1 10 10	27 20 7 4	11 6 5 4	24 12 12 3	50 11 39 29	32 8 24 20	6 5 1	12 4 8 8	2 2 -	3 2 1 -	4 2 2	6 - 6 -	:	-	1	101	:	
CLERKS, PAYROLL	216 173				129.00-221.00 147.00-222.00		2	3	1	1	6	1	11 7	16 5	15	18 12	12 12	29 27	6	8	5	8	7 7	4	53 53	10
KEYPUNCH OPERATORS, CLASS A MANUFACTURING NONMANUFACTURING	411 246 165 81	39.0	134.50	133.50	119.00-143.00 124.50-143.50 112.00-142.00 106.00-122.00	-	1111	-			4 1 3 3	9 1 8 7	34 11 23 21	63 31 32 23	88 52 36 23	72 58 14 4	74 54 20	59 33 26	3 1 2	2 1 1	0.0		3 -	1000	:	
KEYPUNCH OPERATORS, CLASS B MANUFACTURING NOMMANUFACTURING PUBLIC UTILITIES RETAIL TRADE	763 199 564 170 117 190	39.0 39.0 38.5 39.0	119.00 117.50 137.50 119.00	129.00		=	1 - 1 -	12 3 9 - 8	22 5 17 - 1 13	32 11 21 - 3 18	67 17 50 - 8 38	72 22 50 10 3 32	133 16 117 34 27 16	138 38 100 35 21 28	88 24 64 8 14 29	56 12 44 23 10 6	64 31 33 2 29 2	77	3 3	5	63 5 58 58			11111111		
MESSENGERS (OFFICE BOYS AND GIRLS)- MANUFACTURING NCMMANUFACTURING PUBLIC UTILITIES FINANCE	292 102 190 81 85	40.0 38.5 39.0	108.50 99.50 114.00	99.00 115.50 93.50 108.50 86.50	99.00-118.00 85.50-109.00 92.50-127.00	=	11 -	20 3 17 -	17 1 16 -	33 6 27 13 12	37 4 33 15 15	34 14 20 6 9	29 7 22 10 5	73 64 9 6 3	20 20 16 2	1010	3	10 10 10	3 3 -		2 2 2 -		0.00	10110	1010	
SECRETARIES  MANUFACTURING  NONWANUFACTURING  PUBLIC UTILITIES  RETAIL TRADE  FINANCE	2,369 944 1,425 209 164 718	39.0 39.0 39.5 39.0	152.00 143.50 192.50 138.00	150.50 137.50 189.00 140.00	124.50-166.00 134.00-169.00 121.00-162.00 179.00-206.50 131.00-152.50 114.00-138.50	=		TO CIT.	2 - 2 - 2 -	2 - 1 1	29 14 15 - 3 12	29 13 16 - 16	144 20 124 - 12 102	246 68 178 - 5 157	308 90 218 3 15 164	309 103 206 3 44 102	323 158 165 7 24 85	222 99 123 8 39 38	256 161 95 13 17 19	146 77 69 21 1	157 65 92 61 -	52 23 29 15	67 22 45 40 -	28 13 15 10 -	25 12 13 11	24 6 18 17
SECRETARIES, CLASS A	81 67				142.00-194.00 141.00-165.00		2	3	:	-	-	-	:	3	6	7 6	20 19	15 14	5	:	4 3	4 3	6 5	2 2	4	2

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

(Average straight-time weekly hours and earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Baltimore, Md., August 1972)

				Weekly (stan	earnings 1 dard)								vorker													
Occupation and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard)	Mean <sup>2</sup>	Median 2	Middle range ²	65 and under 70	70	75	80	85	90	95	-	110	120	130	140	150	160	170	180	190	200	210	\$ 220 - 230	ar
MEN AND WOMEN COMBINED CONTINUED																										
ECRETARIES - CONTINUED																										
SECRETARIES, CLASS B	108	39.0	168.00	174.00	\$ 130.00-180.50 144.00-199.00 126.00-172.50 121.00-148.50	-	= :	:	:	1 1	10 9 1 1	2 2 2	12 12 11	31 2 29 28	45 4 41 38	58 7 51 31	55 10 45 38	20 2 18 16	34 18 16 12	32 18 14 9	46 9 37 2	13 3 10 1	28 16 12 1	9 7 2	1 1	
SECRETARIES, CLASS C	565 60	39.5 38.5 39.0	164.50 136.50 135.50	163.00 131.00 139.00	126.00-168.00 153.00-177.00 118.00-155.00 121.00-160.00 114.00-133.00	=	= = = = = = = = = = = = = = = = = = = =		2 2 2 -	1 1 1 -	11 - 11 2 9	8 - 8 - 8	55 2 53 6 44	99 7 92 4 77	122 14 108 5 96	94 13 81 14 60	96 43 53 5 28	118 89 29 6 6	158 119 39 15	96 51 45 -	93 55 38 -	21 18 3 -	6 5 1 -	5 4 1 -	8 8 - -	
SECRETARIES, CLASS D	393 409	39.0 39.0	132.50	134.50	118.50-146.50 120.50-144.00 117.50-151.00 105.00-121.50	-		-		-	8 5 3 2	19 13 6 6	77 18 59 47	113 59 54 49	135 72 63 25	150 82 68 6	152 104 48 3	69 7 62 4	57 22 35 1	16 8 8	1 -	1 -	1 - 1	2 -	1 -	
TENOGRAPHERS, GENERAL  MANUFACTURING  NONNANUFACTURING  PUBLIC UTILITIES	181 239	39.0	128.00	128.50	109.00-162.00 107.50-143.00 109.50-179.00 128.00-191.50		-		5	12 2 10	15 3 12	44 32 12	32 10 22 8	53 17 36 27	46 31 15 8	40 23 17 12	43 34 9	22 13 9	17 6 11 11	33 7 26 26	12 2 10 10	46 1 45 45	:	-	-	
TENOGRAPHERS, SENIOR	116	39.0 39.5	139.00	150.50	113.00-159.00 124.00-156.00 106.00-177.00 95.50-114.00	-	-		2 2 -	4 4	8 - 8 8	9 - 9	17 9 8 8	33 13 20 15	22 17 5 4	13 9 4 2	9 4 5 -	49 48 1	14 12 2	14	11 2 9	5 -	2 - 2 -	2 - 2 -	1 -	
WITCHBOARD OPERATORS, CLASS A	83	39.5	133.00	137.00	117.00-144.00	-	-	-	-	-	4	5	5	10	9	12	23	8	2	3	-	2	-	-	-	
WITCHBOARD OPERATORS, CLASS B NORMANUFACTURING PUBLIC UTILITIES RETAIL TRADE	122	39.0 38.5	117.00 153.50	113.00	96.50-135.50 96.00-136.00 137.50-172.50 85.50-119.00	-	1 - 1	5 - 5	11 9 - 7	8 8 - 7	6 5 - 3	13 12 - 5	15 13 -	27 21 - 15	9 7 - 5	23 23 16 7	4 3 2 -	2 -	1	13 13 13	:	:	:	:	:	
ABULATING-MACHINE OPERATORS, CLASS B NONMANUFACTURING PUBLIC UTILITIES					134.00-186.00 141.00-187.50	-	-	-	-	-	-	-	5	6 2	1	7	12	5	2	1	22	1	-	1	-	
RANSCRIBING-MACHINE OPERATORS,	55	39.0	111.50	111.50	99.00-120.00	-	_	_	1	3	4	8	8	18	9		1	1	1			,	_			
PRISTS, CLASS A	540 216 324 112	39.0 39.0 39.0 39.5	119.00 126.00 114.50 147.00	115.50 128.50 104.00	96.00-134.50 113.50-134.50 91.50-134.50 122.50-167.50			10	31 5 26 -	34 1 33 -	50 13 37 -	41 9 32 - 29	68 19	55 21 34 18	65 50 15 11 2	70 58 12 7	39 23 16 11	6 4 2 -	64 6 58	4	3					
YPISTS, CLASS B	150 384 56	39.5 38.5 39.0	107.50	98.50	90.00-113.00 87.00-104.50 95.50-121.00	-	1	30 5 25 3 21	49 3 46 5 40	97 27 70 1 66	105 30 75 5 65	54 12 42 3 31	90 32 58 8 30	48 7 41 16 11	23 5 18 13 2	23 21 2 2	4 3 1 -	3		1 -	2 -	3 -			-	

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

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Baltimore, Md., August 1972)

				Weekly (star	earnings <sup>1</sup> idard)									s rece												
Occupation and industry division	Number of workers	Average weekly hours 1 (standard)	Mean 2	Median 2	Middle range <sup>2</sup>	Under	and under	110	120	130	140	150	160	\$ 170 - 180	180	190	200	210	220	230	240	250	260	270	-	an
MEN AND WOMEN COMBINED																										
COMPUTER OPERATORS, CLASS A MANUFACTURING NONMANUFACTURING	304 111 193 78	39.0 39.5	166.50	159.50	150.00-191.50 155.50-183.50 149.50-213.00 139.00-178.00	=	::	1 1 1	13 - 13 9	15 3 12 9	45 20 25 14	77 34 43 12	39 20 19 10	12 12 6	22 14 8 7	15 7 8 4	7 5 2 1	7 2 5 3	6 2	6 5 1	:	::	38	:	:	
COMPUTER OPERATORS, CLASS B MANUFACTURING NOMMANUFACTURING	377 114 263 54 115	39.5 38.5 39.5	153.00 138.50 135.50	154.50 135.00 136.00	126.00-155.00 136.00-164.00 125.50-148.00 119.00-149.00 124.00-145.50	14	18 2 16 8 5	31 3 28 7 17	81 6 75 8 29	44 7 37 7 21	60 8 52 13 24	64 40 24 7 10	22 11 11 - 7	10 7 3 - 1	7 5 2 -	1 1 -	10 3 7 - 1	9 2 7 4 -			2		:	3	:	
COMPUTER OPERATORS, CLASS C MANUFACTURING	194 50 144 53 56	39.0 38.5 38.5	129.00 125.50 142.50	122.50 118.50 134.00	108.50-142.50 108.00-155.00 108.50-135.00 120.50-180.50 103.50-123.00	7 3	19 35 2	42 5 37 8 12	27 4 23 11 8	12 3 9 5	15 6 9 5 2	17 10 7 3	5 3 2 1	1 1 1 -	13 13 13		1 1 -								:	
COMPUTER PROGRAMERS, BUSINESS, CLASS A NOMPANUFACTURING FINANCE	155 139 64	39.5	218.00	210.00	185.50-251.00 184.50-241.50 195.50-229.50	-	=	=	Ξ	:	:	:	8 8 -	11 11 4	32 32 7	8 8 8	12 11 11	10 9 8		13 12 6	6 5 1	9 5 1	6 5 1	8 7 -	4 3 -	
COMPUTER PROGRAMERS, BUSINESS, CLASS B MANUFACTURING NONMANUFACTURING FINANCE	273 50 223 114	40.0	180.00	175.50	159.50-224.00 158.50-186.00 160.00-232.00 172.00-206.50	-	= :			7 - 7 -	14 9 5 4	50 5 45 13	15 8 7 6	42 15 27 22	23 1 22 19	27 2 25 20	7 7 5	16 2 14 9	7 - 7 2	8 2 6 -	4 3 1	9 2 7 7 7	1 -	8 1 7 7	:	*:
COMPUTER PROGRAMERS, BUSINESS, CLASS C NONMANUFACTURING FINANCE	152 121 75	38.5	144.00	143.00	132.50-149.50 136.50-152.00 128.00-147.50	-	5 5 5	6 6	13 12 12	50 24 1	42 42 41	10 10 4	9 6 2	10 10 1	5 4 3	1 1 -	1 1 -	:	-	:	:	:	:	=	=	
COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS A MANUFACTURING NCNPANUFACTURING FINANCE	224 69 155 57	38.5	273.00	273.00	252.00-303.00 262.50-294.00 249.00-305.50 252.50-312.50	-	:			:		:	-	:	-			2 1 1	11 9 2 2	3	20 20 6	19 4 15 8	37 12 25 11	34 19 15 3		
COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS B MANUFACTURING NCNPANUFACTURING FINANCE	217 94 123 62	38.5 38.5	217.50 222.50	208.50	196.00-246.00 184.00-249.00 197.50-242.50 192.50-234.00	-	-	:	:			1 1 1	2 - 2 -	19 9 10 10	21 19 2 2	28 1 27 13	30 27 3 1	20 1 19 5	29 9 20 13	10 2 8 4	8 4 4 3	14 7 7 2	9 2 7 6	15 10 5		
CRAFTSMEN, CLASS A MANUFACTURING NONMANUFACTURING SERVICES	514 331 183 159	40.0	223.00	221.50	196.00-242.50 199.50-244.50 193.50-231.50 192.50-223.00	=	=			:	:	3 2 1 1	7 5 2 2	38 29 9 7	48 30 18 18	50 19 31 31	73 36 37 36	63 42 21 21	36 21 15 13	43 30 13 12	62 51 11 11	41 34 7 4	30 12 18 3	9 -	5 -	
PRAFTSMEN, CLASS B	380 265 115 83	40.0	172.00 176.50	172.50	149.50-190.00 147.50-188.50 159.00-204.00 152.50-184.00	-	:::::::::::::::::::::::::::::::::::::::	1 1 1	7 7 7	12 3 9 7	78 74 4	43 34 9 6	43 15 28 28	50 45 5	53 34 19 18	14 12 2 2	18 12 6 2	36 27 9 3	20 5 15	1 -	3 -	1		:	-	

\* All workers were at \$290 to \$300.
\*\* Workers were distributed as follows: 2 at \$290 to \$300; 35 at \$300 to \$320; 12 at \$320 to \$340; 13 at \$340 to \$360; and 1 at \$380 to \$400.

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

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Baltimore, Md., August 1972)

				Weekly (stan	earnings 1					1	Numbe	r of w	orker	s rece	iving	straig	ht-tim	e weel	kly ear	nings	of—					
Occupation and industry division	Number of workers	Average weekly hours I	Mean 2	Median 2	Middle range 2	Under	\$ 100 and	110	120	130	140		160	170	180	190			220		240		260	270	280	
		(standard)	Mean -	Median	Middle fange		under	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	ov
MEN AND WOMEN COMBINED																										
AFTSMEN, CLASS C MANUFACTURING NONMANUFACTURING	327 248 79	39.0	152.50	152.50	\$ 139.00-159.00 139.00-159.00 145.00-157.50		=	6 2 4	16 10 6	71 63 8	53 31 22	110 89 21	26 18 8	19 13 6	8 5 3	9 8 1	5	4 4 -	:	:	:	=	-	=	-	
AFTSMEN-TRACERS	84 58				111.00-131.00 111.50-131.50		12	23 21	18	20 18	1	:	1 -	Ξ	1 -	-	-	:	2	:	-	=	:	-	-	
ECTRONICS TECHNICIANS NONMANUFACTURING	1,050 429				171.50-213.00 180.50-217.00		3 2	3	7 5	9	16 13	33 14	179 26	72 35	87 58	248 53	76 57	160 74	33 30	57 35	36 10	26 4	2	=	- 2	
ELECTRONICS TECHNICIANS, CLASS A- MANUFACTURING NONMANUFACTURING	328 139 189	40.0	223.50	214.50	208.00-232.50 210.50-246.50 204.00-227.50	-	=	=	=	=	4	2 - 2	12	9 4 5	7 2 5	18 11 7	41 13 28	113 53 60	28 3 25	36 10 26	35 26 9	19 16 3	1 1	=	=	
ELECTRONICS TECHNICIANS, CLASS B- NONMANUFACTURING	509 216				186.00-195.00 179.00-203.00		-	3	2 2	1	3 2	11	25 13	47 28	79 53	230 46	35 29	47 14	5	13	1	7	-	-	-	
RSES, INDUSTRIAL (REGISTERED)	120 86				161.00-201.00 166.50-202.00		Ξ	-	5	5	6 5	13	19 15	7 7	21 16	11 8	23 15	6	1	3	:	-	-	=	=	

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

(Average straight-time weekly hours and earnings of workers in selected occupations studied in establishments employing 500 workers or more by industry division, Baltimore, Md., August 1972)

					earnings 1 idard)											straigh				-						
Occupation and industry division	Number of workers	Average weekly hours <sup>1</sup> (standard)	Mean 2	Median <sup>2</sup>	Middle range <sup>2</sup>	Unde \$ 100	and under	110	120	130	140	150	160	170	180	\$ 190 - 200	200	210	220	230	-	250	260	270	280	and
MEN AND WOMEN COMBINED										1,000																
COMPUTER OPERATORS, CLASS A MANUFACTURING NONMANUFACTURING	177 62 115 54	38.5	178.50	181.50	\$ 159.00-232.50 159.50-193.00 158.00-261.50 151.00-185.50		:	2 1 1 1	2 2 2	8 3 5 2	11 2 9 7	26 11 15 12	26 12 14 9	4 4	22 14 8 7	12 7 5 4	7 5 2 1	7 2 5 3	6 6 2	6 5 1	:	:	38 - 38 -	:		
COMPUTER OPERATORS, CLASS B MANUFACTURING NGWRANUFACTURING FINANCE	210 88 122 78	39.5 38.5	161.50	156.50	134.00-160.50 143.50-173.00 129.00-153.00 124.50-147.00	-	6	16 3 13 11	20 6 14 12	31 7 24 15	37 8 29 22	45 28 17 10	15 11 4 2	10 7 3 1	7 5 2 -	2 1 1	9 3 6	5 2 3 -	:	:	2 2 -	:		3 -	-	
COMPUTER OPERATORS, CLASS C	137 107				114.50-154.00 112.50-142.50	4		34 29	19 18	12	14	16	4	1	13 13	=	1	=	-	-	=	Ξ	=	:		
COMPUTER PROGRAMERS, BUSINESS, CLASS A NONMANUFACTURING FINANCE	94 78 60	39.0	227.50	221.50	201.50-257.00 198.00-251.00 194.00-232.00	=	:	:	:	:	:	:	1 1 -	4 4	8 8 7	8 8 8	12 11 11	6 5 4	14 11 11	9 8 6	4 3 1	7 3 1	4 3 1	6 5 -	1 -	10
COMPUTER PROGRAMERS, BUSINESS, CLASS B NONMANUFACTURING	136 106				172.50-295.00 176.00-296.50	-	-	-	:	:	2 2	12	14	24 20	11 10	11	3	8	3	5	4	2	1	1	1	*3
COMPUTER PROGRAMERS, BUSINESS, CLASS C NONMANUFACTURING	68 65				129.50-166.00 129.50-166.00	-	3	6	9 8	5 5	16 16	8	7 6	7 7	5 4	1	1 1	=	:	:	=	:	:	-	=	
COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS A MANUFACTURING	122 67 55	38.5	272.00	272.50	254.00-293.00 260.00-290.00 251.50-305.00	=	Ξ	:	-	:	:	:	:	:	:	Ξ	=	2 1 1	11 9 2	7 3 4	6	11 4 7	23 12 11	22 19 3	9 3 6	**3
COMPUTER SYSTEMS ANALYSTS, BUSINESS, CLASS B	138 62				195.50-253.00 212.00-267.00	=	-	:	:	-	=	1 1	2 2	9	21 2	7 6	30	9	9	6	8 4	10	9	6 5	8	
DRAFTSMEN, CLASS A	363 276 87	40.0	229.50	232.00	208.00-250.00 211.00-249.00 200.00-256.00	=	=	:	:	=	:	2 2 -	7 5 2	14 12 2	22 13 9	28 19 9	23 15 8	51 42 9	32 21 11	40 30 10	54 51 3	41 34 7	29 12 17	9	5	
DRAFTSMEN, CLASS B MANUFACTURING NGNMANUFACTURING	214 164 50	40.0	184.50	184.00	169.50-212.50 168.00-206.00 174.50-221.50	-	:	=	=	5 3 2	10 10	18 17 1	22 15 7	31 26 5	37 34 3	13 11 2	18 12 6	35 27 8	20 5 15	1	3	1 - 1	=	:	=	
DRAFTSMEN, CLASS C	230 181				140.50-164.00 140.50-163.50	-	-	4 2	9 5	41	37 31	68 55	26 18	19 13	8 5	9	5	4	-	:	-	-	-	1	=	
DRAFTSMEN-TRACERS	60	39.5	122.00	122.00	115.50-130.50	4	6	18	17	12	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	
ELECTRONICS TECHNICIANS	819	40.0	192.50	192.00	169.00-212.50	1	3	3	7	9	16	33	164	54	31	212	50	108	13	53	35	25	2	-	-	
MANUFACTURING	258 127				205.00-236.00 211.00-247.50	-	-	-	-	-	4	2	12	9	7 2	16	35 7	73 49	12	32 10	35 26	19 16	2	-	-	
NURSES, INDUSTRIAL (REGISTERED)	107 81				165.50-202.00 168.00-202.50	-	-	:	5	5	6 5	5	17 13	7	18 16	11	23 15	6	1	3	-	1.5	-	-	-	

\* All workers were at \$290 to \$300.

\*\* Workers were distributed as follows: 2 at \$290 to \$300; 12 at \$300 to \$320; 12 at \$320 to \$340; 4 at \$340 to \$360; and 1 at \$380 to \$400.

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

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Baltimore, Md., August 1972)

		Av	erage			Ave	rage			Av	erage
Sex, occupation, and industry division	Number of workers	Weekly hours 1 (standard)	Weekly earnings 1 (standard)	Sex, occupation, and industry division	Number of workers	Weekly hours 1 (standard)	Weekly earnings 1 (standard)	Sex, occupation, and industry division	Number of workers	Weekly hours I (standard)	Weekl earning (standa
OFFICE OCCUPATIONS - MEN				OFFICE OCCUPATIONS -				OFFICE OCCUPATIONS -			
TERMS ACCOUNTING CLASS A	328	40.0	174.00	WOMENCONTINUED				WOMENCONTINUED	- 1		
MANUFACTURING	145			CLERKS, FILE, CLASS C	488	37.5	96 00	SECRETARIES - CONTINUED			
NCMMANUFACTURING	183	40.0	160.50	NONMANUFACTURING	471			SECRETARIES - CONTINUED			8
PUBLIC UTILITIES	29		209.00	FINANCE	57			SECRETARIES, CLASS C	1,477		
				FINANCE	293	37.0	80.50	MANUFACTURING	493		
MANUFACTURING	223		132.50	CLERKS COLER	470	20.0	104 50	NONMANUFACTURING	984		
NONMANUFACTURING	102 121	40.0	152.00	MANUFACTURING	430 87		104.50	PUBLIC UTILITIES	105		
nem and activities		10.0	******	NONMANUFACTURING	343		104.50	RETAIL TRADE	60	39.0	
LERKS, CRDER	129		145.00	WHOLESALE TRADE	201		110.00	FINANCE	433		
NCNPANUFACTURING	116		146.00	RETAIL TRACE	142	38.5	97.00	SERVICES	270	37.5	141.
WHOLESALE TRADE	105	39.5	150.00								1
ESSENGERS (OFFICE BOYS)	314	39.0	99.00	MANUFACTURING	261 135		131.00	MANUFACTURING	1,165		131
NONMANUFACTURING	223			NONPANUFACTURING	126		127.00	NONMANUEACTURING	679		
PUBLIC UTILITIES	47		114.00	RETAIL TRACE	50		117.50	WHOLESALE TRADE	112		
FINANCE	129	39.0	89.50					WHOLESALE TRADEFINANCE	186		
				KEYPUNCH OPERATORS, CLASS A	627		129.50	SERVICES	297	38.0	131.
				MANUFACTURING	343		133.50		0.50	39.0	122
OFFICE OCCUPATIONS - WOMEN				NONMANUFACTURING	284		125.00	STENOGRAPHERS, GENERAL	827		
				THARCE	114	30.3	110.00	NCNMANUFACTURING	618		
BILLERS, MACHINE (BILLING				KEYPUNCH OPERATORS, CLASS B	1,235	39.0	112.00	PUBLIC UTILITIES	223		
MACHINE)	112		112.50	MANUFACTURING	314	39.0	113.00	WHOLESALE TRADE	56		
NONMANUFACTURING	63	39.5	108.50	NCMMANUFACTURING	921		112.00	FINANCE	264	38.5	105.
THE PER MACHINE ADDOCKAGEDING				PUBLIC UTILITIES	192	39.0	133.00	CALMOCO ADMEDS SENTER	707	38.0	125
BILLERS, MACHINE (BOCKKEEPING MACHINE)	75	37-0	105.50	RETAIL TRADE	121	39.0	118-50	STENOGRAPHERS, SENICR	317		125
indiane.		3.00		FINANCE	303	38.5	103.00	NONMANUFACTURING	390	37.0	125
BOOKKEEPING-MACHINE CPERATORS,				SERVICES	78	37.5	100.00	FINANCE	179	37.5	113.
CLASS A	59		113.50						100	39.0	120
NONMANUFACTURING	51	31.5	110.50	MESSENGERS (OFFICE GIRLS)	115		100.50	NONMANUFACTURING	127		
BCOKKEEPING-MACHINE CPERATORS,				MCHPAROTACTERING	12	30.5	33.30	NORPAROTACIONING	00	30.00	
CLASS B	115	38.5	104.50	SECRETARIES	3,736	38.5	141.00	SWITCHBOARD OPERATORS, CLASS B	272		
NONMANUFACTURING	88	38.5	98.50	MANUFACTURING	1,199		149.50	NONMANUFACTURING	240		106.
				NCMMANUFACTURING			137.00	PUBLIC UTILITIES	31		153.
CLERKS, ACCOUNTING, CLASS A	880		140.50	PUBLIC UTILITIES	267		174.00	FINANCE	107		
NONMANUFACTURING	286 594		136.50	WHOLESALE TRACE	317 218		131.50	FINANCE	"	30.0	110.
RETAIL TRADE	50		120.50	FINANCE	1,036		127.50	SWITCHBOARD CPERATOR-RECEPTIONISTS-	417	39.0	111.
FINANCE	137		126.00	SERVICES	699		140.00	MANUFACTURING	158		
SERVICES	87	37.0	117.00				190.00	NONMANUFACTURING	259		
				SECRETARIES, CLASS A	276		149.00	PUBLIC UTILITIES	27		
CLERKS, ACCOUNTING, CLASS B	1,352		111.50	MANUFACTURING	80		162.00	WHOLESALE TRADE	111		
MANUFACTURING			119.50	NONMANUFACTURING	196		143.50	FINANCE			
NONMANUFACTURING	292		111.50	FINANCE	10	30.0	140.50	SCHALCES	, ,	3.00	
RETAIL TRACE	138		105.00	SECRETARIES, CLASS B	709	38.5	150.50	TRANSCRIBING-MACHINE OPERATORS,			1388
FINANCE	244		100.50	MANUFACTURING	140		171.0C	GENERAL	224	38.5	106
SERVICES	167		102.50	NONMANUFACTURING	569	38.5	145.50	MANUFACTURING	58		
				PUBLIC UTILITIES	67		176.00	NONMANUFACTURING	166		
CLERKS, FILE, CLASS A	98		130.00	WHOLESALE TRACE	67		149.00	FINANCE	124	38.0	102.
NCMPANUFACTURING	59	39.5	134.00	FINANCE	297 96		135.50	TURISTS CLASS A	634	39.0	115
CLERKS, FILE, CLASS B	531	39.0	99.50	SERVICES	96	31.0	156.50	MANUFACTURING	222		
MANUFACTURING	160		106.50					NONPANUFACTURING	412		
NCNPANUFACTURING	371							PUBLIC UTILITIES		39.0	130.
FINANCE	192	38.5						FINANCE	217	38.5	97.

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

(Average straight-time weekly hours and earnings of workers in selected occupations by industry division, Baltimore, Md., August 1972)

		Av	erage			Ave	rage			Ave	erage
Sex, occupation, and industry division	Number of workers	Weekly hours 1 (standard)	Weekly earnings <sup>1</sup> (standard)	Sex, occupation, and industry division	Number of workers	Weekly hours <sup>1</sup> (standard)	Weekly earnings 1 (standard)	Sex, occupation, and industry division	Number of workers	Weekly hours 1 (standard)	Weekly earnings (standard
OFFICE OCCUPATIONS - WOMENCONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - MENCONTINUED				PROFESSIONAL AND TECHNICAL OCCUPATIONS - MENCONTINUED			¢
YPISTS, CLASS B	1,141	38.5	95.50	COMPUTER PROGRAMERS,			\$	CRAFTSMEN, CLASS C	318	39.0	152.0
MANUFACTURING	198	39.0	101.50	BUSINESS, CLASS B	207	39.5	210.00	MANUFACTURING	245	39.0	153.0
NONMANUFACTURING	943 54		94.50	NONMANUFACTURING	167 88		215.00	NCMMANUFACTURING	73	40.0	149.0
WHOLESALE TRADE	105		97.00					DRAFTSMEN-TRACERS	73	39.5	119.
RETAIL TRADE	143	38.5	99.00	COMPUTER PROGRAMERS,				NONMANUFACTURING	50	40.0	117.5
FINANCE	513	38.0	91.00	BUSINESS, CLASS C	131	39.0	142.00				1000
SERVICES	128	37.0	93.00	NONMANUFACTURING	100		144.00	ELECTRONICS TECHNICIANS	1,031	40.0	194.5
				FINANCE	67	38.0	139.00	NONMANUFACTURING	426	40.0	197.0
				COMPUTER SYSTEMS ANALYSTS,				ELECTRONICS TECHNICIANS, CLASS A-	328	40-0	217.
PROFESSIONAL AND TECHNICAL				BUSINESS, CLASS A	204	39.5	279.00	MANUFACTURING	139		223.
OCCUPATIONS - MEN				MANUFACTURING	69		273.00	NCNMANUFACTURING	189	40.0	213.
4524 (1444)				NONMANUFACTURING	135		282.50				1000
OUTLAND DOUBLE TO THE REAL PROPERTY OF THE PERSON OF THE P		12 1.00		FINANCE	55	39.0	281.00	ELECTRONICS TECHNICIANS, CLASS B-	508		
OMPUTER OPERATORS, CLASS A	263	39.5	178.00				1000	NONMANUFACTURING	216	40.0	189.
MANUFACTURING	85	39.5	170.00	COMPUTER SYSTEMS ANALYSTS,	1000	and the	See see				
NONMANUFACTURING	178		182.00	BUSINESS, CLASS B	216		220.00				1
FINANCE	69	39.0	157.00	MANUFACTURING	94		217.50	DOOSESSIONAL AND TESTINISM			
dule of the same of the			Variable II	NCNMANUFACTURING	122		222.50				
OMPUTER OPERATORS, CLASS B	340		143.00	FINANCE	61	37.0	215.00	OCCUPATIONS - WOMEN			
MANUFACTURING	108		153.00	POLETCHEN CLASS A	512	40 0	210 50				
NONMANUFACTURING	232		138.50	MANUFACTURING	512 330		219.50		-		
FINANCE	98	37.0	135.00	NONMANUFACTURING	182		213.50	COMPUTER OPERATORS, CLASS C	50	31.5	124.
				SERVICES	158		208.50	COMPLIATE DOCCUMENTS			
OMPUTER OPERATORS, CLASS C	144		127.50	2EKAICE2	150	40.0	208.50	COMPUTER PROGRAMERS,	66	38.5	1.00
NONMANUFACTURING	97	39.0	126.00	DRAFTSMEN. CLASS B	378	40.0	173.50	BUSINESS, CLASS B	56		172.
OMPUTER PROGRAMERS.	T- 40			MANUFACTURING	264		172.00	MONTANOT ACTORING	36	30.3	112.
BUSINESS. CLASS A	130	20 E	222.50	NCNMANUFACTURING	114			NURSES, INDUSTRIAL (REGISTERED)	119	39.0	178.
NONMANUFACTURING	116		218.50	SERVICES	82	40.0	165.00	MANUFACTURING	85		182.

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

(Average straight-time weekly hours and earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Baltimore, Md., August 1972)

		Av	rerage		191-11	Ave	rage			Av	erage
Sex, occupation, and industry division	Number of workers	Weekly hours 1 (standard)	Weekly earnings <sup>1</sup> (standard)	Sex, occupation, and industry division	Number of workers	Weekly hours 1 (standard)	Weekly earnings 1 (standard)	Sex, occupation, and industry division	Number of workers	Weekly hours 1 (standard)	Weekly earnings (standard
OFFICE OCCUPATIONS - MEN				OFFICE OCCUPATIONS -				PROFESSIONAL AND TECHNICAL			
CLERKS, ACCOUNTING, CLASS A	273	39.5	174.00	WOMENCONTINUED	100		4	OCCUPATIONS - MEN		1.57	4
MANUFACTURING	127			SECRETARIES	2,343	39.0	146.00	COMPUTER OPERATORS, CLASS A	156	39.0	198.
NONMANUFACTURING		100		MANUFACTURING	943		152.00	MANUFACTURING	50		183
PUBLIC UTILITIES	27	40.0	209.50	NONMANUFACTURING			142.00	NCMMANUFACTURING	106	39.5	205
				PUBLIC UTILITIES	184		188.50	COMPUTED ODERATORS CLASS B	105	20.0	
CLERKS, ACCOUNTING, CLASS B	146		142.00	RETAIL TRADE	164		138.00	MANUFACTURING	185		
NCNMANUFACTURING	91 55		152.00	FINANCE	718	30.5	126.50	NONMANUFACTURING	103		
NUMPAROFACTORING	33	33.03	123.00	SECRETARIES, CLASS A	81	38.5	164.00	FINANCE	65		
ESSENGERS (OFFICE BOYS)	205	39.0	102.50	NONMANUFACTURING	67		157.00				
NCNMANUFACTURING	117	38.5	97.50		1000		10000	COMPUTER OPERATORS, CLASS C	96		
PUBLIC UTILITIES	41		115.00	SECRETARIES, CLASS B	400		153.50	NCMMANUFACTURING	69	39.0	131.
FINANCE	67	38.5	88.00	MANUFACTURING	108		168.00		1111111111		1
	1			NCNMANUFACTURING	292		148.00		71	39.5	227
OFFICE OCCUPATIONS - WOMEN				FINANCE	191	30.5	135.50	NCNMANUFACTURING	57		232.
CLERKS, ACCOUNTING, CLASS A	537	38.5	147.00	SECRETARIES, CLASS C	993	39.0	148.50	NENFANOTACTORING	7	39.0	2320
MANUFACTURING	156		156.50	MANUFACTURING	428		164.50	COMPUTER PROGRAMERS,	100	100	190
NONMANUFACTURING	381		143.00	NCNMANUFACTURING	565		136.50	BUSINESS, CLASS B	116	39.5	220.
FINANCE	61	39.5	126.50	RETAIL TRACE	60		135.50	NCMMANUFACTURING	87	39.0	228.
				FINANCE	337	38.0	123.50		13.00	13.00	1
LERKS, ACCOUNTING, CLASS B	712		117.00					COMPUTER PROGRAMERS,			
MANUFACTURING	187		125.50	SECRETARIES, CLASS D	802 393		133.00	NONMANUFACTURING	56		148.
RETAIL TRACE	525 129		105.50	MANUFACTURING	409		133.00	NUMPANUFACTURING	93	30.5	140.
FINANCE	120		102.00	FINANCE	143			COMPUTER SYSTEMS ANALYSTS,			
THANCE	-	1	111111	1 11111102		3000		BUSINESS, CLASS A	120	39.0	275.
CLERKS, FILE, CLASS B	330		101.50	STENCGRAPHERS, GENERAL	403		134.00	MANUFACTURING	67		272.
MANUFACTURING	70		110.00	MANUFACTURING	179		128.00	NONMANUFACTURING	53	39.5	280.
NCMMANUFACTURING	260			NONPANUFACTURING	224		138.50			111 111	
FINANCE	129	39.0	85.50	PUBLIC UTILITIES	150	39.5	156.50	BUSINESS, CLASS B	137	38.5	222
CLERKS, FILE, CLASS C	200	38.0	94.50	STENOGRAPHERS, SENICR	212	39.0	137.00	NONMANUFACTURING	61		236.
NCNMANUFACTURING	183			MANUFACTURING	116		139.00	HOM PHOTACTORING		3,	230.
FINANCE	103			NCNMANUFACTURING	96		135.00	DRAFTSMEN, CLASS A	362	40.0	228.
				FINANCE	50	38.5	106.00	MANUFACTURING	275	40.0	229.
CLERKS, CRCER	192		101.50					NONPANUFACTURING	87	40.0	223.
MANUFACTURING	65		103.50	SWITCHBOARD OPERATORS, CLASS A	83	39.5	133.00				
NONMANUFACTURING	127		100.50					DRAFTSMEN, CLASS B	213		
RETAIL TRADE	97	38.0	98.50	NCNMANUFACTURING	138		117.00	NONMANUFACTURING	163		184.
CLERKS. PAYROLL	111	29 5	137.50	PUBLIC UTILITIES	31		153.50	NONPAROPACIONING	30	40.0	199.
MANUFACTURING	71		150.50	RETAIL TRACE	55			DRAFTSMEN, CLASS C	221	39.0	155.
PARCIACIONING	, ,	3,00	130.30	The state of the s		3,00		MANUFACTURING	178		
KEYPUNCH CPERATORS, CLASS A	411	39.0	131.50	TRANSCRIBING-MACHINE CPERATORS,					-		
MANUFACTURING	246	39.0	134.50	GENERAL	55	39.0	111.50	DRAFTSMEN-TRACERS	57	39.5	123.
NCNMANUFACTURING			127.00		200		1000				1000
FINANCE	81	38.5	113.50	TYPISTS, CLASS A	505			ELECTRONICS TECHNICIANS	800	40.0	193.
	762	20 0	110 00	MANUFACTURING	215		125.50	FI FETTONITES TESTINITES OF THE T	250		
CEYPUNCH CPERATORS, CLASS B	753 197		118.00	NCNMANUFACTURING	290 78		108.50	ELECTRONICS TECHNICIANS, CLASS A-	258		
NONMANUFACTURING	556		117.50	FINANCE	181		94.00	MANUFACTURING	127	40.0	2250
PUBLIC UTILITIES	164		138.00		101	30.5	74.00				
RETAIL TRACE	117			TYPISTS, CLASS B	532	39.0	98.50	PRUFESSIONAL AND TECHNICAL			
FINANCE	189		102.00	MANUFACTURING	149		102.50	OCCUPATIONS - WOMEN			
	+	+	1	NONMANUFACTURING	383	38.5	97.00		1		
MESSENGERS (OFFICE GIRLS)	87		103.50	RETAIL TRADE	56		107.50	NURSES, INDUSTRIAL (REGISTERED)	106		180.5
NCMMANUFACTURING	73	39.0	103.50	FINANCE	266	38.5	91.00	MANUFACTURING	80	39.5	184.0

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

(Average straight-time hourly earnings of workers in selected occupations by industry division, Baltimore, Md., August 1972)

			Hourly ea	mings 3						N	lumber	of wo	rkers	recei	ving s	traigh	t-time	hour	ly ear	nings	of—						
Occupation and industry division	Number of workers	Mean 2	Median <sup>2</sup>	Middle range 2	s	and	3.20				3.60								4.40		4.80		5.20	5.40	5.60	5.80	6.0 an
					3.10		3.30	3.40	3.50	3.60	3.70	3.80	3.90	4.00	4.10	4.20	4.30	4.40	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	
MEN AND WOMEN COMBINED																											
CARPENTERS, MAINTENANCE MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES	327 171 156 63	\$ 4.37 4.68 4.02 4.53		\$ 3.92- 4.86 4.34- 4.99 3.24- 4.48 4.41- 4.58	4	25 25	25 25	1 -	-	7 7 -	5 5 -	6 -	5 4 1 -	18 18 -	7 7 -	13 - 13 13	4 2 2 1	28 20 8 -	48 12 36 35	35 32 3 2	41 30 11 2	10 - 10 10	23 23 -	11 11 -	7 7 -		
ELECTRICIANS, MAINTENANCE MANUFACTURING NCNMANUFACTURING	700 579 121	4.90 4.95 4.70	4.88 4.85 5.03	4.45- 5.35 4.44- 5.35 4.53- 5.08	-	:	10	1	-	1 - 1	13 12 1	2 1 1	1 - 1	34 34	25 19 6	7 5 2	31 28 3	27 25 2	88 78 10	51 47 4	93 93 -	127 56 71	48 39 9	23	=	72 72 -	4
ENGINEERS, STATIONARY	351 289 62	4.73 4.73 4.75		4.28- 5.20 4.30- 5.20 4.28- 5.55	-	-	=	-	=	10 8 2	13 4 9	8 8 -	2 2 -	-	42 41 1	8 8 -	6 1 5	24 22 2	32 17 15	39 39	45 43 2	26 23 3	42	29 13 16	22 17 5	2 - 2	
FIREMEN, STATICNARY BCILER MANUFACTURING	96 86	4.43	4.64	4.13- 4.96		-	-	14 14	-	5	-	-	-	1 -	4	1	0	13 13	4	26 26	8	20 20	:	-:	-	-	
MACHINE-TOOL OPERATORS, TOOLROOM	136 133	4.71	4.62	4.24- 5.00 4.24- 4.98		-	1	-	-	1	5	-	1	3	=	13 13	26 25	4	14 14	9	27 27	12 12	-	3	3	7 7	
MACHINISTS, MAINTENANCE	730 641 89		5.07	4.72- 5.61 4.74- 5.62 3.68- 5.07	-	:	=	=	-	:	30	2 2 -	6	1	16 16	10 7 3	15 15	33 32 1	51 51	71 69 2	45 45	177 134 43	64 57 7	17 17	167 164 3	3	2
MECHANICS, AUTCMOTIVE (MAINTENANCE) MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE	1.081 296 785 388 75	4.79 4.45 4.91 5.47 4.56		4.24- 5.50 3.95- 4.82 4.33- 5.57 5.45- 5.78 4.02- 5.21	=	11111	5 - 5	5 2 3 3	10 2 8 - 8	10 4 6 1	19 13 6 2 4	7 7	9 3 6 6	87 86 1 1	14 1 13 3 10	88 5 83 2	40 35 5 1	209 5 204 5	39 22 17 2 6	44 34 10 8 2	29 21 8 3	64 26 38 15 20	35 9 26 1 20	178 3 175 172	99 12 87 87	76 76 76	1
MECHANICS, MAINTENANCE		5.02 5.00 5.18		4.50- 5.49 4.49- 5.47 5.18- 5.63	-	=	13 3 10	:	4	11 9 2	8	14 14	6	5 4 1	105 93 12	39 39	20	19 19 -	295 292 3			143 123 20	168 127 41	287 255 32	396 332 64	1 - 1	
MANUFACTURING	153 153	5.35 5.35	5.60 5.60	4.86- 5.73 4.86- 5.73		-	=	-	2	=	1	-	-	1	3	:	:	6	1	3	44	1	1	16 16	65 65	4	
PAINTERS, MAINTENANCE	154 111	4.29	4.05 4.43	3.81- 5.05 3.85- 5.09		=	4 2	14	4	2	2	2 2	33 31	6	3	3	-	5	14	7	:	19 19	1 -	4 4	19 19	-	
PIPEFITTERS, MAINTENANCE MANUFACTURING NOMANUFACTURING PUBLIC UTILITIES	417 382 30	5.07 5.11 4.80	5.16 5.29 5.03	4.56- 5.65 4.58- 5.65	-	-	5 -	-	-		:		6		18 17	10 10	11 3	21 21	49	22 21	34 34	42 25	59 56	14	112	2 2	1
SHEET-METAL WCRKERS, MAINTENANCE MANUFACTURING	157 131	4.86	4.70 4.67	4.48- 5.15 4.47- 5.54	-	-	-	-	-	-	:	-	9	4	1	3	2 -	-	34 34	27 27	17 17	22	1 1	11 11	17 17	-	
PUBLIC UTILITIES	26	4.84	5.04	5.01- 5.07	-	-	-	17	-	-	-	-	-	-	-	3	2	-	-	-	-	21	-	-	-	-	
TCOL AND DIE MAKERS	375 368	5.40 5.41	5.33 5.33	5.21- 5.95 5.21- 5.96		-	-	-	-	- 1	12	-	00	e <u>T</u>	2 2	2 2	8	-	6	62 60	6	3	139 139	7	2 -	80	*5

\* Workers were distributed as follows: 47 at \$6 to \$6.20; 10 at \$6.20 to \$6.40; and 1 at \$6.40 to \$6.60.

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

(Average straight-time hourly earnings of workers in selected occupations in all establishments employing 500 workers or more by industry division, Baltimore, Md., August 1972)

			Hourly ear	mings 3							er of v															
Occupation and industry division	Number of workers	Mean 2	Median <sup>2</sup>	Middle range <sup>2</sup>	\$	3.30 and under	3.40	3.50	3.60	\$ 3.70 -	3.80 3	-90	4.00	4.10	4.20	4.30	-40	4.50	4.60	+.80 -	\$ 5.00	\$ 5.20	\$ 5.40 -	5.60	5.80	\$ 6.
						3.40	3.50	3.60	3.70	3.80	3.90 4	.00.	4.10 4	4.20	4.30	4.40 4	.50	4.60	4.80	5.00	5.20	5.40	5.60	5.80	6.00	01
MEN AND WOMEN COMBINED											٠															
ARPENTERS, MAINTENANCE	233 151	4.78	4.78	\$ 4.40- 4.98 4.45- 5.22	2 -		-	2	5	-	5	1	4	13	4 2	21 20	35	10	34 32	41	10	23 23	11	7 7	-	
NONMANUFACTURING	82 60	4.57		4.40- 4.59		2 1	-	-	-	-	-	-	-	13 13	1	1	31 30	2	2 2	11	10	-	1	-	-	
LECTRICIANS, MAINTENANCE MANUFACTURING NONMANUFACTURING	537 441 96	5.00 5.02 4.89	4.92	4.56- 5.33 4.53- 5.41 5.01- 5.09	-	: :	-	1 - 1	1 1	2 1 1	1 -	12 12	9	7 5 2	31 28 3	27 25 2	23 22 1	33 29 4	51 47 4	57 57	123 56 67	48 39 9	16 16	=	72 72	
NGINEERS, STATIONARY	273 224	4.85 4.82		4.43- 5.23 4.44- 5.17		: :	-	2 -	4 4	8	2 2	-	9	8	4	24 22	24	8	39 39	43 43	26 23	18 18	29 13	22 17	2	
IREMEN, STATICNARY BOILER MANUFACTURING	84 74	4.34		4.03- 4.75 4.28- 4.78		- 14 - 14	-	5	-	-	-	1 -	4	1	-	13 13	3	1	26 26	8	8	1	-	:	1	
ACHINE-TOOL OPERATORS, TOOLROOM MANUFACTURING	133 133			4.24- 4.98		: :	-	1	5	:	1	3	Ξ	13 13	26 26	4	9	5	9	27 27	12 12	:	3	-	7	
MANUFACTURING	625 576	5.15 5.17		4.80- 5.62 4.79- 5.63		: :	-	-	=	2 2	6	1	16 16	5 2	5	33 32	8	11 11	71 69	27 27	170 134	64 57	17 17	164 164	3	
ECHANICS, AUTOMOTIVE (MAINTENANCE)	207 129 78 60	4.84 4.93 4.69 4.61	4.83	4.44- 5.13 4.55- 5.15 4.24- 5.10 4.08- 5.06		- 3 3 - 3	-	1 - 1 1	2 2 2		7 1 6 6	1 1 1	4 1 3 3	7 5 2 2	11 6 5 1	10 5 5 5	15 14 1 1	1 1 1	35 27 8 8	28 21 7 3	44 26 18 15	8 2 6 1	5 3 2 -	19 12 7 7	-	
ECHANICS, MAINTENANCE MANUFACTURING	1,441	5.16 5.15		4.88- 5.66 4.87- 5.70		: :	-	2	1	7	6	3	55 43	18 18	5	19 19	89 86	35 35			128 123	93 77	279 255	394 330	1 -	
MANUFACTURING	153 153			4.86- 5.73 4.86- 5.73		: :	-	-	=	-	=	1	3	=	-	6	1	-	3	44	1	1	16 16	65 65	4	
AINTERS, MAINTENANCE MANUFACTURING	115 92			3.85- 5.17 3.86- 5.43		4 -	4	2 -	1 -	-	33 31	6	3	3	-	5	9	4 3	7	-	7	1 -	4	19 19	=	
PIPEFITTERS, MAINTENANCE	411 382 29	5.11	5.29	4.57- 5.63 4.58- 5.65 4.29- 5.08	5	: :	-	-			6	-	18 17	10 10	10 3	21	8	41 41 -	22 21	34 34	42 25	59 56	14 14	112 112	2 2	
HEET-METAL WORKERS, MAINTENANCE	155 131	4.87	4.69	4.48- 5.19 4.47- 5.54		: :	-	:	:	:	9	4	1	3	-	1	27 27	7 7	27 27	17 17	22	1	11 11	17 17	:	
OOL AND DIE MAKERS	371 366			5.21- 5.95		: :	-	-	-	-	-	-	2	2	8	-	2 2	2 2	62	6	3	139 139	7	5	80 80	

\* Workers were distributed as follows: 47 at \$6 to \$6.20; 10 at \$6.20 to \$6.40; and 1 at \$6.40 to \$6.60.

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

(Average straight-time hourly earnings of workers in selected occupations by industry division, Baltimore, Md., August 1972)

			Hourly ea	rnings 3															e hour									_
Occupation and industry division	Number of workers	Mean 2	Median <sup>2</sup>	Middle ran	ge <sup>2</sup>	Under \$ 1.60	and under	1.80	2.00	2.20	-	2.60	2.80	3.00	3.20	3.40	3.60	3.80	-	4.20	-	4.60	4.80	-	5.20	-	\$ 5.60 - 5.80	an
MEN AND WOMEN COMBITED  GUARDS AND MATCHMEN MANUFACTURING	434	3.81	4.08	\$ 1.85- 2 3.42- 4 1.84- 2	2.26	=======================================	-	-	806 3 803	17	73 38 35	32 25 7	15 - 15	18 5 13	76 18 58	69 17 52	116 57 59	67 31 36	60 41 19	115 94 21	22 22 -	77 65 12	1 1 -	:	:	11	:	
GUARDS MANUFACTURING	335	4.08	4.21	3.73- 4	.37	-	-	-	-	6	2	2	-	4	12	17	48	31	41	94	22	55	1	-	-	-	11-	
MATCHMEN MANUFACTURING	99	2.89	2.59	2.49- 3	3.32	-	-	-	3	11	36	23	-	1	6	-	9	-	-	-	-	10	-	-	-	_	-	
JANITORS, PORTERS, AND CLEANERS MANUFACTURING	7,662 1,290 6,372 282 98 430 1,137 4,425	3.15 1.95 3.08 2.41 2.44 2.17	1.77 2.98 2.30 2.30 2.13	1.68- 2 2.59- 3 1.66- 2 2.76- 3 2.01- 2 1.98- 2 2.05- 2	3.58 2.09 3.45 2.84 2.96 2.28	13	3434 11 3423 - 15 77 21 3310	69	1315 64 1251 12 12 12 83 707 437	417 88 329 33 15 56 149 76	304 97 207 8 2 33 132 32	176 65 111 22 15 24 27 23	253 81 172 79 20 26 37 10	180 90 90 29 8 18 12 23	228 150 78 16 - 49 - 13	349 310 39 25 - 14	156 126 30 23 - 7 -	53 11 42 33 - 9	4 1 3 2 1	122 120 2 - 2 -	8 7 1 - - - 1		2 - 2			FITTERITE		
LABORERS, MATERIAL HANDLING MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE RETAIL TRADE	2,838 1,496 1,342 420 276 633	3.54 3.24 3.85 2.79	2.78 3.69 2.58	2.59- 4 2.86- 4 2.52- 3 2.57- 5 2.29- 3 2.59- 3	.08 .70 .25		41 41 36 - 5	22 22 15	169 39 130 - 36 84	216 135 81 3 61 17	276 111 165 69 46 50	333 67 266 24 36 206	71 60 11 -	147 98 49 1 - 48	202 109 93 2 16 75	151 71 80 1 56 23	428 338 90 65 20 5	33 31 2 1	155 103 52 51	114 106 8 - 5 3	47 43 4 - 3	67 34 33 - - 33	55 28 27 18 -	125 71 54 - 54	87 32 55 55	79 - 79 79 -	13 13 - -	
ORDER FILLERS MANUFACTURING NONMANUFACTURING WHOLLESALE TRADE RETAIL TRADE	610	3.55 3.61 3.08	3.68 3.70 2.78	2.79- 4 3.44- 3 2.74- 4 2.64- 3 3.32- 4	.78 .81	:::::::::::::::::::::::::::::::::::::::	-	14 14 14	75 9 66 55 10	59 9 50 43 7	87 18 69 56 10	367 29 338 323 14	131 4 127 16 111	55 33 22 10 12	130 24 106 52 54	114 70 44 4 38	571 295 276 274 2	135 102 33 33	35 - 35 6 29	11.000	53 11 42 34 8	2 2	458 - 458 - 458	25 25 - 25			11111	
PACKERS, SHIPPING	744 311 433 304	3.23		2.53- 3 2.83- 3 2.26- 4 2.70- 4	.52		:	28 - 28 28	80 18 62 19	39 - 39 4	70 35 35 19	78 20 58 48	50 48 2	54 41 13 10	47 36 11 11	41 11 30 30	41 36 5 4	47 46 1	21 3 18	9	131 131 131		3 -	5 5 -	:	:	13.1	
RECEIVING CLERKS MANUFACTURING NONMANUFACTURING WHOGLESALE TRADE RETAIL TRADE	463 229 234 96 126	3.81 3.57	3.56 3.42 3.83 3.80 4.26		.92 .52		-		1 - 1	1 - 1 - 1	14 - 14 8 5	22 19 3 - 2	54 18 36 14 22	42 37 5 - 2	54 37 17 7 9	59 45 14 7 6	16 16 12 2	68 28 40 35 4	36 25 11 3 7	21 11 10 6 4	24 24 4 20	8 7 1 -	2 2	41 -41		1		
SHIPPING CLERKS	231 141 90 62		3.95 3.79 4.45 4.38		.07	-	-		-	:			6 2 4 4	20 18 2 1	22 19 3 3	23 14 9 3	28 19 9 3	29 26 3 3	27 14 13 13	8 6 2 2	10 9 1	2 - 2 -	10 10 10	20 20 20	22 14 8			
SHIPPING AND RECEIVING CLERKS MANUFACTURING NONMANUFACTURING WHOLESALE TRADE	188 80 108 58	3.78	3.66 3.67 3.65 3.38	3.35- 3 3.44- 4 3.31- 3 3.31- 3	.18	-	-			:	5 - 5 -	10 - 10 6	5 2 3	15 7 8 6	27 5 22 22	20 15 5 3	56 17 39 6	18 3 15 15	13 12 1	4 4 -	11 11 -	3 -	1 1 -	:	:	:	:	
TRUCKCRIVERS	1,454	5.48 3.90	5.07 5.73 3.76	3.60- 5 3.61- 4 3.55- 5 5.70- 5 3.10- 5 2.61- 5	.61 .73 .77		1	10 10 - -	66 24 42 - 42	51 4 47 - 6 20	171 88 83 - 27 47	106	133 5 128 - 119 8	10 250 6	246 119 127 10 68 49	97 27 11	329 116 213 24 184	141 77 64 15 9	602 370 232 70 132 30	153 152 1 1	82 6 76 68 8	119 95 24 - 24	93 13	188		-	1128	

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

(Average straight-time hourly earnings of workers in selected occupations by industry division, Baltimore, Md., August 1972)

			Hourly ea	mings <sup>3</sup>														hourl	•	1000							
Occupation and industry division	Number of workers	Mean <sup>2</sup>	Median <sup>2</sup>	Middle range <sup>2</sup>	\$	and under	1.80	2.00	2.20	-	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
MEN AND WOMEN COMBINED CONTINUED																											
RUCKDRIVERS - CONTINUED					-																						
TRUCKDRIVERS, LIGHT (UNDER 1-1/2 TONS)	492 151 341 75	4.16	4.07 3.32	3.66- 4.6 2.51- 5.4	-	1 - 1 -	: :	42	35 - 35 -	45 - 45 15	5 - 5 4	16 16 15	8 - 8 3	30 4 26 22	23 16 7	51 29 22 16	36 5 31	45 32 13	6	11111	52 52 -	1 -	6 6 -		90		
TRUCKDRIVERS, MEDIUM (1-1/2 TO AND INCLUDING 4 TONS) MANUFACTURING NONMANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE RETAIL TRADE	1,537 487 1,050 392 468 164	3.91 4.02 5.29 3.35	3.99 3.84 5.73 3.16	3.09- 5.7 4.47- 5.7 3.03- 4.1			10 10 - -		16 4 12 - 6 6	112 86 26 - - 26	71 71 31 27	68 5 63 - 55 8	224 5 219 1 188 17	179 83 96 5 42 49	18 9 9 2 - 7	31 6 25 8 14 3	50 36 14 4	237 57 180 37 132	5 4 1 1	54 54 54			182			280 280 280	
TRUCKDRIVERS, HEAVY (OVER 4 TONS, TRAILER TYPE)  MANUFACTURING  PUBLIC UTILITIES  MHOLESALE TRADE	1,784 279 1,505 802 522	3.98 5.21 5.70	3.97 5.46 5.74	5.05- 5.75 5.72- 5.7	8 - 5 - 7 -					2 2		37 37 37	23 5 18 -	16 15 1 -	69	139 36 103	33 20 13 -	35 20 15	54 54 -	28 6 22 14 8	54 36 18 -	28 16 12 -	-	179	60	728	
TRUCKDRIVERS, HEAVY (CVER 4 TCNS, CTHER THAN TRAILER TYPE)	513 274 239 113	4.31	4.33 5.70		5 -	:	:		1111	12 - 12 12	30 30 30	12 - 12 12	3 3 3	3 3 3	4 3 1	45 42 3 3	4 - 4 3	66 62 4	88		9 3 6 6	77 76 1		:	:	120	
TRUCKERS, POWER (FORKLIFT) MANUFACTURING PUBLIC UTILITIES WHOLESALE TRADE RETAIL TRADE	2,180 1,826 354 68 134 152	3.91 3.97 3.82 3.27	4.01 3.92 3.95 3.46	3.32- 4.9 2.76- 4.1 2.70- 3.8			4	4	110 98 12 - 12	6 - 6 -	58 6 52 27 25	54 48 6 - 6	124 113 11 6 - 5	98 89 9 - - 9	222 176 46 - 38 8	117 116 1 1	290 243 47  47	462 435 27 20 7	46 42 4 - 4	18 18 - -	385 385 - - -	137 30 107 -	24 12 12 -			21 7 14 14	
TRUCKERS, POWER (OTHER THAN FORKLIFT)	261 165			3.72- 4.69 3.52- 4.89		, <u>-</u>	-	-	-	-	-	-	=	4	45 45	87 8	15	8 8	16 16	9	32 32	7 7	:		=	1	*2
MAREHOUSEMEN MANUFACTURING NONMANUFACTURING RETAIL TRADE	686 311 375 111	3.35	2.99 3.55	2.92- 3.7 2.69- 3.8 3.18- 3.6 3.42- 3.9	9 -			12 11 1	11 6 5 2	64 57 7 4	57 45 12 3	48 40 8 2	87 21 66 3	27 4 23 11	131 18 113 35	101 11 90 16	52 35 17 9	13 5 8	5	20 20 -	17 17 -	25 25 25	2 2 -	:			1

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

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

(Average straight-time hourly earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Baltimore, Md., August 1972)

			Hourly ea	rmings 3											iving s	-											
Occupation and industry division	Number of workers	Mean 2	Median <sup>2</sup>	Middle range <sup>2</sup>	1.60 and					2.10					2.80							4.20		4.60	\$ 4.80	5.00	5.20 and
					under 1.70	1.80	1.90	2.00	2.10	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	
MEN AND WOMEN COMBINED																											
GUARDS AND WATCHMEN MANUFACTURING	360	\$ 4.04	\$ 4.20	\$ 3.69- 4.39	-	-	-	-	-	-	4	4	12	3	-	5	8	13	57	31	41	94	22	65	1	1	-
GUARDS MANUFACTURING	321	4.13	4.22	3.85- 4.39	-	-	-	-	-	-	3	1	-	-	-	4	8	13	48	31	41	94	22	55	1	14-	
JANITORS, PORTERS, AND CLEANERS	3,071 830			1.71- 3.31 3.33- 3.66		129	182	139	326	103	66	74 12	92 25	85 24	144 33	137 77	158 80	347 310	145 126	53 11	1	120 120	7	:	2	-	-
NCNMANUFACTURING PUBLIC UTILITIES RETAIL TRADE FINANCE	244 324 128	2.65	2.48	2.90- 3.43 2.15- 3.21 2.05- 2.29	1	9	6	6 23	36 18	43 31	8 19 26	25 22 11	8 33 15	18 24 3	72 26	29 18	16 49	23 14	12 7 -	33 9 -	:	=	:	:	2	=	
LABORERS, MATERIAL HANDLING MANUFACTURING NONMANUFACTURING	1,437 978 459 375	3.92 3.31	3.76 3.26	3.57- 4.30	4	-		1 1 1	39 36 36	44 44	8 1 7 7	11 10 10	84 35 49 49	81 56 25 25	36 25 11 11	75 37 38 38	85 47 38 20	78 54 24 23	345 275 70 5	21	89 89 -	109 106 3 3	46 43 3 3	67 34 33 33	37 28 9	125 71 54 54	52
ORDER FILLERS	1,088 894 778	4.03	4.81	3.08- 4.85 2.89- 4.86 3.32- 4.86	-	:	=	-	3 3 3	8 8 7	4 4	3 3	13 13 10	124 124 14	111 111 111	15 12 12	55 54 54	40 40 38	171 2 2	4	29 29 29	=	19 8 8	2 -	458 458 458	25 25 25	4
PACKERS, SHIPPING	251 113 138	3.74	3.80	2.28- 3.83 3.58- 3.86 2.15- 2.86	-	-	=	=	26 - 26	16 - 16	26 - 26	9 - 9	16 - 16	11 1 10	2 2	8 6 2	29 18 11	2 2 -	28 27 1	47 46 1	21 3 18	:	=	:	3	5	-
RECEIVING CLERKS	182 69 113 101	3.94 4.22	4.06	3.54- 4.23 3.55- 5.04	-	-				1 1 1	1 1 1		4 - 4 3	3 3 2	2 1 1 1	13 8 5 2	11 2 9 8	19 12 7 6	3 3 1	8 3 5 4	33 25 8 7	13 9 4 4	20 20 20	8 7 1	2 -	41 41 41	
SHIPPING CLERKS	117 53 64 62	3.67 4.33	3.43 4.38	3.28- 4.82 3.22- 4.24 3.84- 5.03 3.86- 5.03	-	:	=	-	:	:	:			-	6 2 4 4	11 9 2 1	18 15 3 3	6 3 3 3	5 2 3 3	6 3 3 3	17 4 13 13	8 6 2 2	9 9 -	1 -	10 10 10	20 20 20	
SHIPPING AND RECEIVING CLERKS	78 56			3.31- 3.85 3.23- 3.75	-	-	-	-	-	Ξ	-	-	5	4	5	4 2	14	2 2	25 25	-	1	4	10	3	1	=	-
TRUCKORIVERS  MANUFACTURING  NONMANUFACTURING  RETAIL TRACE	1,356 872 484 260	4.38	4.22	4.11- 4.69 3.85- 5.03	-	1 -	-				4 1 3 3	2 - 2 -	7 2 5 1	8 6	6 6 5	14 1 13 4	28 9 19 9	29 14 15 2	42 13 29 4			152 151 1	74 6 68	95 95 -		320 182 138 138	21 21 21
TRUCKDRIVERS, LIGHT (UNDER 1-1/2 TONS)	173 98 75 39	4.40 3.61	3.83	3.84- 4.62 4.05- 4.66 3.43- 3.95 3.48- 4.11	-	1 - 1						2 - 2 -	4 - 4 -	1 - 1	1 -	5 5 3	6 2 4	7 - 7 6	7 1 6	36 5 31 9	45 32 13	5 5 -		52 52	1	:::	-
TRUCKCRIVERS, MEDIUM (1-1/2 TO ANC INCLUDING 4 TCNS)	426 168 54	4.39	4.44	4.04- 5.04 3.63- 4.42	-	:	=	:	:	::	4 3 3		1 1 1	7 7 6	5 5 5	6 6 4	15 14 9	13 4 2	12 11 3	17 14 10	105 48 11	5	54 54	:	:	182	
TRUCKCRIVERS, HEAVY (CVER 4 TONS, TRAILER TYPE)	339 144 195	4.31			:	:	-	:	:	:	::		2 2 -	=	:	1 1 -	6	2 2 -	8 8 -	18 11 7	17 2 15	54 54	20 6 14	36 36	16 16	138 - 138	21

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

(Average straight-time hourly earnings of workers in selected occupations in establishments employing 500 workers or more by industry division, Baltimore, Md., August 1972)

			Hourly ea	mings 3						N	umber	r of wo	orkers	recei	ving s	traigh	t-time	hourl	y ear	nings	of—						
Occupation and industry division	Number of workers	Mean <sup>2</sup>	Median <sup>2</sup>	Middle range <sup>2</sup>	and under	-	-	-	\$ 2.00 - 2.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	an
MEN AND WOMEN COMBINED CONTINUED																											
RUCKDRIVERS - CONTINUED																											
TRUCKDRIVERS, HEAVY (CVER 4 TONS, OTHER THAN TRAILER TYPE) MANUFACTURING	156 150			\$ 4.07- 4.36 4.08- 4.36		-	-	-	-	-	-	- 1	-	-	-		-	4 3	-	1 -	60 56	88 88	-	3	-	-	
RUCKERS, POWER (FORKLIFT) MANUFACTURING NOMMANUFACTURING RETAIL TRADE	1,431 1,247 184 152	4.16	4.14	3.88- 4.71 3.89- 4.67 3.49- 4.97 4.90- 4.98	=	:	-	-	:	:	:				36 36 -	67 62 5	12 3 9	89 50 39 8	75 74 1	199 199 -	343 336 7 7	46 42 4	18 18	385 385	137 30 107 107	24 12 12 12	
RUCKERS, POWER (OTHER THAN FORKLIFT) MANUFACTURING	176 157	4.51				-	-	=	-	-	-	-	-	-	=	-	4 4	45 45	3 -	15	8	16 16	8 -	32 32	7 7	=	*
AREHOUSEMEN	270 179			3.04- 4.56		=	-	-	12	=	3 2	5	9 5	23	15	16 13	6	27	27 11	39 35	5	5	20	17	25	2 2	

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

# Table A-6. Maintenance, powerplant, custodial, and material handling occupations: Average hourly earnings, by sex

(Average straight-time hourly earnings of workers in selected occupations by industry division, Baltimore, Md., August 1972)

Sex, occupation, and industry division	Number of workers	Average (mean <sup>2</sup> ) hourly earnings <sup>3</sup>	Sex, occupation, and industry division	Number of workers	Average (mean <sup>2</sup> ) hourly earnings <sup>3</sup>	Sex, occupation, and industry division	Number of workers	Average (mean <sup>2</sup> hourly earnings
MAINTENANCE AND POWERPLANT OCCUPATIONS - MEN			CUSTODIAL AND MATERIAL HANDLING			CUSTODIAL AND MATERIAL HANDLING		
OCCUPATIONS - MEN		\$	OCCUPATIONS - MENCONTINUED			OCCUPATIONS - MENCONTINUED		
CARPENTERS, MAINTENANCE	327	4.37	GUARDS AND WATCHMEN - CONTINUED		/	TRUCKDRIVERS - CONTINUED		
MANUFACTURING	171							
NONMANUFACTURING	156		GUARDS		\$	TRUCKDRIVERS, LIGHT (UNDER		\$
PUBLIC UTILITIES	63	4.53	MANUFACTURING	334	4.08	1-1/2 TONS)	492	
ELECTRICIANS MAINTENANCE	700	4.90	WATCHMEN			MANUFACTURING	151 341	
MANUFACTURING	579	4.95	MANUFACTURING	97	2.89	WECLESALE TRACE	75	
NONMANUFACTURING	121	4.70	TARRET POTON THE		2.07	MICECUREC TRADE		3.00
Home and the transfer			JANITORS, PORTERS, AND CLEANERS	5,609	2.23	TRUCKERIVERS, MEDIUM (1-1/2 TO		
ENGINEERS, STATIONARY	351	4.73	MANUFACTURING	1,079		AND INCLUDING 4 TONS)	1,537	3.99
MANUFACTURING	289	4.73	NONMANUFACTURING	4,530	1.99	MANUFACTURING	487	3.91
NONMANUFACTURING	62	4.75	PUBLIC UTILITIES	253		NCNMANUFACTURING	1,050	
	125		WHCLESALE TRACE	82		PUBLIC UTILITIES	392	
FIREMEN, STATICNARY BCILER	96	4.43	FINANCE	371		WHOLESALE TRACE	468	
MANUFACTURING	86	4.47	SERVICES	706		RETAIL TRACE	164	3.09
MACHINE-TOCL CPERATORS, TOOLROOM	134	4.73	SERVICES	3,118	1.77	TRUCKERIVERS, HEAVY ICVER 4 TENS,		
MANUFACTURING	131	4.71	LABORERS, MATERIAL HANDLING	2,732	3.45	TRAILER TYPE)	1,784	5.02
HAROT ACTORING			MANUFACTURING	1,496		MANUFACTURING	279	3.98
MACHINISTS, MAINTENANCE	730	5.03	NCNMANUFACTURING	1,236		NCMMANUFACTURING	1,505	
MANUFACTURING	641	5.10	PUBLIC UTILITIES	318	4.36	PUBLIC UTILITIES	802	5.70
NCNPANUFACTURING	89	4.53	WHOLESALE TRACE	275	2.79	WHCLESALE TRADE	522	4.56
			RETAIL TRADE	630	3.06		1 3 3 3	100
MECHANICS, AUTCMOTIVE			50050 5111505			TRUCKDRIVERS, HEAVY (CVER 4 TCNS,		
MANUFACTURING	1,081		MANUFACTURING	2,091		OTHER THAN TRAILER TYPE)	513 274	
NCMMANUFACTURING	785	4.45	NGNMANUFACTURING	1,490		MANUFACTURING	239	
PUBLIC UTILITIES	388	5.47	MECLESALE TRADE	705		WHOLESALE TRACE	113	
WHOLESALE TRADE	75	4.56	RETAIL TRACE	778			1 303	1404
		100				TRUCKERS, POWER (FORKLIFT)	2,150	
MECHANICS, MAINTENANCE	1,842	5.02	PACKERS, SHIPPING	591		MANUFACTURING	1,798	
MANUFACTURING	1,651	5.00	MANUFACTURING	235		NCMMANUFACTURING	352	
NCMMANUFACTURING	191	5.18	NCNMANUFACTURING	356		PUBLIC UTILITIES	68	
MILLWRIGHTS	153	5.35	RETAIL TRADE	287 59	2.84	RETAIL TRADE	132 152	
MANUFACTURING	153	5.35	RETAIL TRADE	33	2.04	RETAIL TRALE	152	7.00
PAROTACTORING	133	3.33	RECEIVING CLERKS	461	3.65	TRUCKERS, POWER LOTHER THAN		
PAINTERS, MAINTENANCE	154	4.29	MANUFACTURING	228	3.48	FORKLIFT)	261	4.26
MANUFACTURING	111	4.46	NCNMANUFACTURING	233	3.81	MANUFACTURING	165	4.52
			WHOLESALE TRADE	96	3.57			mark.
PIPEFITTERS, MAINTENANCE	417	5.07	RETAIL TRACE	125	4.04	WAREHOUSEMEN	641	
MANUFACTURING	382	5.11	SHIPPING CLERKS	231		MANUFACTURING	311	
NONMANUFACTURING	30	4.80	MANUFACTURING	141	4.06	RETAIL TRADE	330 108	
PUBLIC UTILITIES	30	4.00	NCNPANUFACTURING	90	4.39	RETAIL TRADE	100	3.13
SHEET-METAL ACRKERS, MAINTENANCE	157	4.86	RETAIL TRACE	62	4.35			
MANUFACTURING	131	4.87		-		CUSTUDIAL AND MATERIAL HANDLING	-	-
NGNMANUFACTURING	-		SHIPPING AND RECEIVING CLERKS	188	3.59	UCCUPATIONS - WOMEN		
PUBLIC UTILITIES	26	4.84	MANUFACTURING	80	3.78	34401 4113113 11311211		1.00.
			NCNPANUFACTURING	108	3.45	JANITORS, PORTERS, AND CLEANERS	2,053	
TOOL AND DIE PAKERS	375	5.40	WHOLESALE TRADE	58	3.43	MANUFACTURING	211	
MANUFACTURING	368	5.41	TOUCKOOTHERS			NCMPANUFACTURING	1,842	
CUSTUDIAL AND MATERIAL HANDLING			TRUCKORIVERS	4,677	4.40	PUBLIC UTILITIES	29 59	
UCCUPATIONS - MEN			NONMANUFACTURING	1,454	4.02	SERVICES	1,307	
GUARDS AND WATCHMEN	3,448	2.31	PUBLIC UTILITIES	1,483	5.48	JEN 410E3	1,501	1.1:
MANUFACTURING	431		WHICLESALE TRACE	1,226		PACKERS, SHIPPING	153	2.65
NONMANUFACTURING	3,017		RETAIL TRACE	.,	20.00	MANUFACTURING	76	

# Table A-6a. Maintenance, powerplant, custodial, and material handling occupations—large establishments: Average hourly earnings, by sex

(Average straight-time hourly earnings of workers in selected occupations studied in establishments employing 500 workers or more by industry division, Baltimore, Md., August 1972)

Sex, occupation, and industry division	Number of workers	Average (mean <sup>2</sup> ) hourly earnings	Sex, occupation, and industry division	Number of workers	Average (mean <sup>2</sup> ) hourly earnings <sup>3</sup>	Sex, occupation, and industry division	Number of workers	Average (mean <sup>2</sup> ) hourly earnings <sup>3</sup>
MAINTENANCE AND POWERPLANT OCCUPATIONS - MEN			MAINTENANCE AND PUWERPLANT OSCUPATIONS - MENCONTINUED	100		CUSTUDIAL AND MATERIAL HANDLING OCCUPATIONS - MENCONTINUED		
CARPENTERS, MAINTENANCE	233	4.71	SHEET-METAL WORKERS, MAINTENANCE	155	4-87	SHIPPING CLERKS	117	4.03
MANUFACTURING	151		MANUFACTURING	131	4.87	MANUFACTURING	53	
NONMANUFACTURING	82	4.57				NONMANUFACTURING	64	
PUBLIC UTILITIES	60	4.53	MANUFACTURING	371		RETAIL TRADE	62	
ELECTRICIANS, MAINTENANCE	537	5.00	MANUFACTURING	366	5.41		1 1 1 1 1	
MANUFACTURING	441					SHIPPING AND RECEIVING CLERKS	78	
NONMANUFACTURING	96		CUSTODIAL AND MATERIAL HANDLING		1.1.	NCMMANUFACTURING	56	3.40
	1	4.00	OCCUPATIONS - MEN			TRUCKCRIVERS	1,356	4.33
ENGINEERS, STATIONARY	273	4.85				MANUFACTURING	872	4.38
MANUFACTURING	224	4.82	GUARDS AND WATCHMEN			NCMMANUFACTURING	484	
	1 22		MANUFACTURING	360	4.04	RETAIL TRADE	260	4.50
FIREMEN, STATICNARY BCILER	84						YES 1 (1)	110
MANUFACTURING	74	4.38	GUARDS	1 3 3	1	TRUCKCRIVERS, LIGHT (UNDER		
MACHINE TOOL CREDATORS TOOLDON			MANUFACTURING	320	4.13	1-1/2 TONS)	173	
MACHINE-TOOL OPERATORS, TOOLROOM	131	4.71				MANUFACTURING	98 75	
PANUFACTURING	131	4.71	MANUFACTURING	723		PUBLIC UTILITIES	39	
MACHINISTS, MAINTENANCE	625	5.15	NONMANUFACTURING	1,477		PODETO OTTETTTES	3,	3011
MANUFACTURING	576		PUBLIC UTILITIES	219		TRUCKDRIVERS. MEDIUM (1-1/2 TO		
	7.0	2021	RETAIL TRADE	280		AND INCLUDING 4 TONS)	426	4.39
MECHANICS, AUTOMOTIVE			FINANCE	69		NCNMANUFACTURING	168	3.90
(MAINTENANCE)	207	4.84				RETAIL TRADE	54	3.41
MANUFACTURING	129	4.93	LABORERS, MATERIAL HANDLING	1,433	3.73	Assessment of the second secon		
NONFANUFACTURING	78	4.69	MANUFACTURING	978		TRUCKCRIVERS, HEAVY (CVER 4 TONS,	1 22	
PUBLIC UTILITIES	60	4.61	NCMMANUFACTURING	455		TRAILER TYPE)	339	
MECHANICS, MAINTENANCE			RETAIL TRACE	372	3.24	MANUFACTURING	144	
MANUFACTURING	1,441	5.16	GREER FILLERS	979	. 10	NUNPARUFACIURING	195	7.00
PARCIACIONING	1,300	5.15	NONMANUFACTURING	785		TRUCKCRIVERS, HEAVY LOVER 4 TONS,		
MILLWRIGHTS	153	5.35	RETAIL TRACE	778		OTHER THAN TRAILER TYPE)	156	4.23
MANUFACTURING	153	5.35	The state of the s	1.0	1000	MANUFACTURING	150	
	-		PACKERS, SHIPPING	177	3.38			
PAINTERS, MAINTENANCE	115	4.47	MANUFACTURING	102	3.73	TRUCKERS, POWER (FORKLIFT)	1,401	4.20
MANUFACTURING	92	4.51	NCNMANUFACTURING	75	2.91	MANUFACTURING	1,219	
		111111111111111111111111111111111111111			ALC: Y	ACHPANUFACTURING	182	
PIPEFITTERS, MAINTENANCE	411		RECEIVING CLERKS	180	4.12	RETAIL TRADE	152	4.66
MANUFACTURING	382	5.11	MANUFACTURING	68				
NCNMANUFACTURING			NCNMANUFACTURING	112		TRUCKERS, PCHER COTHER THAN		
PUBLIC UTILITIES	29	4.81	RETAIL TRADE	100	4.32	MANUFACTURING	176 157	
					-	WAREHOUSEMEN	267	3.75
						MANUFACTURING	179	
			4				1	

## B. Establishment practices and supplementary wage provisions

#### Table B-1. Minimum entrance salaries for women officeworkers

(Distribution of establishments studied in all industries and in industry divisions by minimum entrance salary for selected categories of inexperienced women officeworkers, Baltimore, Md., August 1972)

			Inexperie	nced typists				Other in	experienc	ed clerical wo	rkers	
		Manufac	turing	Non	manufactui	ring		Manufac	turing	Non	manufactu	ring
Minimum weekly straight-time salary 4	All industries	Ва	sed on sta	indard weekly	hours 6 of-	-	All	Ва	ased on st	andard weekly	hours 6 of	_
	industries	All schedules	40	All schedules	371/2	40	Industries	All schedules	40	All schedules	371/2	40
Establishments studied	224	76	xxx	148	xxx	xxx	224	76	xxx	148	xxx	xxx
stablishments having a specified minimum	102	36	28	66	21	30	113	42	30	71	19	36
\$65,00 and under \$67.50	2 3 5 10 7 7 13 5 11 4 8 8 3 5 5 1 1 3 3	1 1 1 1 1 3 2 2 3 3 2 1 1 3 3 - 3	1 1 1 1 1 2 2 1 1 3 2 2 - 1 2 2 - 2	1 1 3 4 9 6 10 3 8 2 7 2 2 1	1 2 2 2 2 5 6 6 1 1 - 1	- - 1 3 4 5 2 1 1 2 4 1 1	5 4 11 6 7 5 11 7 9 6 14 1 4 3	1 1 1 2 1 1 3 4 3 4 3 1 1 2 2	1 1 1 2 - 1 2 3 3 3 2 1 2	4 3 10 4 6 4 8 3 6 2 11 - 2 1	1 3 2 3 1 1 2 4 - 1	
\$105.00 and under \$110.00 \$110.00 and under \$115.00 \$120.00 and under \$120.00 \$120.00 and under \$125.00 \$125.00 and under \$130.00 \$130.00 and under \$135.00 \$130.00 and under \$140.00 \$135.00 and under \$145.00	5 4 3 1 1 1	3 4 3 2 1 - 1 2	2 3 2 2 1 - 1 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1 - 1	2 6 2 - 1 - 2	5 2 - 2 1	1 4 2 - - 2 1	1	1	
stablishments having no specified minimum	31	5 35	xxx	26 56	xxx	xxx	47 64	15	xxx	32 45	xxx	xx

#### Table B-2. Shift differentials

(Late-shift pay provisions for manufacturing plantworkers by type and amount of pay differential, Baltimore, Md., August 1972)

(All plantworkers in manufacturing = 100 percent)

		Percent of manufactu	ring plantworkers	
Late-shift pay provision		having provisions 7 e shifts	Actually worki	ng on late shifts
	Second shift	Third or other shift	Second shift	Third or other shift
Total	90.8	82.4	20.9	9.5
No pay differential for work on late shift	2.7	2.0	0.7	0.3
Pay differential for work on late shift	88.1	80.4	20.2	9.2
Type and amount of differential:				-
Uniform cents (per hour)	53.8	46.1	12.3	6.4
5 cents	2.0	.5	.1	.1
7 cents	1.1	-	.4	-
8 cents	3.0	-	.5	-
9 cents	.7	-	.1	-
10 cents	33.7	6.4	8.1	-
11 cents	.9	-	.2	-
12 cents	1.1	-	.4	-
12 <sup>1</sup> / <sub>2</sub> cents	1.6	3.0	.2	.5
133/4 cents	.5		.1	
14 cents	3.1	2.0	.8	.3
15 cents	5.4	22.9	1.3	4.0
16 cents		1.6	-	.3
18 cents	_	1.0	_	.2
20 cents	_	4.2	_	.4
20 <sup>4</sup> / <sub>5</sub> cents		1.6	_	.3
24 cents	_	.3	-	.1
25 or 27 <sup>2</sup> / <sub>5</sub> cents	.7	1.7	.2	.1
30 cents	_	.2	-	(8)
32½ cents	-	.7	-	(8)
Uniform percentage	30.8	30.8	7.2	2.6
5 percent	10.6	-	3.0	-
6 percent	.5	-	.1	
7 percent	5.9	5.9	1.2	.3
8 percent	1.3		.2	-
9 percent	-	1.3	-	-
10 percent	12.5	23.6	2.7	2.4
Other formal pay differential	3.5	3.5	.7	.2

## Table B-3. Scheduled weekly hours and days

(Percent of plantworkers and officeworkers in all industries and in industry divisions by scheduled weekly hours and days of first-shift workers, Baltimore, Md., August 1972)

All dustries  100  1 - 3 - 1 - 5 1 3 - 80	Manufacturing	Public utilities  100	Wholesale trade	100 6 - 8 8 13	100 	100 - 1 7 4 - (°) 28	Manufacturing	Public utilities  100	Wholesale trade	Retail trade	100 	100 
1 		100	100	6 8	4	- 1 7 4 - ( <sup>9</sup> )	2	2	- - - - - -	19	5 2	100 - - 59 (°)
1 5 1 3 -	- 2 - 2 - 3 2 1			13	4 2 - 2	4 - ( <sup>9</sup> )	- 2 - -	-		12	2	59 ( <sup>9</sup> )
1 5 1 3 -	2 - 2 - 3 2 1			0.2	- 4 - - - 2	4 - ( <sup>9</sup> )	- 2 - - - 19	-		12	2	59
1 5 1 3 -	2 - 2 - 3 2 1			0.2	4 - - 2	4 - ( <sup>9</sup> )	2 - - 19	-	-	12		59
1 3 -	2 - 3 2 1			0.2	2		- - - 19	-	- :	- :	15	(9
1 3 -	2 - 3 2 1	-		0.2	2		- - 19	-	-			
1 3 -	3 2 1	:	-	0.2	2		19	-	-	-		-
1 3 -	3 2 1	1	1	0.2	2	28	19	0.5			1	-
-	2 1	-	-	1.2	-			35	4	34	43	1
-	1 -	-	-	12		-	-	-	-	-	-	
	-			13	-	1	3	-	-	-	2	
80		-	-	-	-	5	9	-	13	-	5	
	87	100	83	54	86	52	68	63	82	55	27	33
79	87	100	83	51	86	52	68	63	82	52	27	33
1	-	-	1	3	-	(9)	-	-	-	2	-	
-	-	-	-	-	-	(9)	-	-	-	-	-	1
(9)	1	-	-	-	-	'-'	-	-		-	-	
(9)	-	-	3	-	-	-	-	-	-	-	-	
1	1	-	5	-	-	-	-	-	-	-	1 2	-
1	1	-	-	-	-	-	-	-	-	-	-	
(9)	-	-	5	-	-	-	-	-	-	-	-	
2	(9)	-	3	6	-	(9)	-	-	(9)	-	-	
2	-	-	3	6	-	(9)	-	-	(9)	-	-	
(9)	(9)	-	-	-		-	-	-	1 '-'	-	-	
(9)	-	-	7	-	-	-	-	-	112	-	-	
2	2	-	-	-	8	-	-	-	-	-	-	
1	1	-	- 1	-	-	-	-	-	-		-	
1	1	-	-	-	8	-	-	-	-	-	-	
	2 2 ( <sup>9</sup> ) ( <sup>9</sup> )	1 1 1 1 1 1 2 2 (9) 2 (9) 2 (9) (9) 1 -	1 1 1 - 1 1 - 1 1 2 2 2 2 2 2 2 2 2 2 2	1 1	1 1 1 - 5 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	1	1	1	1	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

Table B-4. Annual paid holidays

(Percent of plantworkers and officeworkers in all industries and in industry divisions by number of paid holidays. Baltimore, Md., August 1972)

			Plant	workers					(	Officeworkers			
Item	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Finance	Service
All workers	100	100	100	100	100	100	100	100	100	100	100	100	100
Workers in establishments providing	0.0				20		100		100	100	100	100	100
paid holidays	- 98	100	100	100	98	76	100	100	100	100	100	100	100
no paid holidays	_ 2	-	-	-	2	24	-	-	100	-	-	-	-
Number of days										- 1			
heliden.	. 1				2	1							
holidayholidays					2	1		-					
holidays					2		(9)	1-	-		(9)	-	(9)
holidays		12			-	(9)	(9)		-		( )		(9)
holidays		2		30	32	32	7	1		10	31	8	8
holidays plus 1 half day		2		-	-	-	2	(9)		5	-	5	-
holidays	12	13	(9)		18	9	8	5	1	3	45	5	1
holidays plus 1 half day		13	()	9	-	2	1	,		9	-	-	(9)
helidays plus I half day	- ( <sup>9</sup> <sub>9</sub> )	-	-	8	-	-	(9)	(9)		3			1
holidays plus 2 half days	- (9)	-	-	0	-	2	(9)	()	-	,		1 3	1
holidays plus 3 or 4 half days	14	6	47	12	22	15	22	23	59	11	15	11	21
holidays			47	12	22	15	1		39	11	2		
holidays plus 1 half day		2	-	4	2	(9)	1	3	-	5		-	37
holidays plus 2 half days		-7					3		-		-	1.0	
holidays		56	19	28	17	2	21	36	8	13	8	18	18
holidays plus 1 half day	- 1	(9)	-	- 5	-	9	1	1	-	-	-	2	2
holidays plus 2 half days	- (9)		-	-	-	-	-	-	-	1	-		1
0 holidays	- 7	9	25	5	-	4.	28	17	31	35	-	48	11
0 holidays plus 1 or 2 half days		-	-	-	-	-	1	1	-	-	-	1	-
1 holidays		1	-	1	-	-	1	1	-	3	-	2	-
1 holidays plus 1 half day	- 1	2	-	-	-	-	2	6	-	-	-	-	-
2 holidays	- 4	6	1	3	-	-	1	3	(°)	2	-	-	-
3 holidays	- 1	1	7	-	-	-	1	2	(9)	-	-	-	-
3 holidays plus 1 half day		-	-	-	-	-	(9)	-	-	-	-	(9)	-
Total holiday time 10													
3 <sup>1</sup> / <sub>2</sub> days	_	-	-	- 1	-	-	(9)	-	-	-	-	(9)	-
3 days or more	- 1	1	7	-	-	-	1	2	(9)	-	-	(9)	-
2 days or more		7	8	3	-	-	2	5	1	2	-	(9)	-
11/2 days or more		9	8	3	-	-	4	11	1	2	-	(9)	-
1 days or more		10	8	4	-	-	5	12	1	5	-	4	-
01/2 days or more	- 6	10	8	4	-	-	6	13	1	5	-	4	-
0 days or more		20	33	9	-	4	34	30	32	40	-	51	11
1/2 days or more		20	33	9		13	35	31	32	40	-	53	13
days or more		76	52	41	17	15	59	67	40	58	8	71	67
1/2 days or more		78	52	41	19	17	60	70	40	58	10	71	68
days or more		83	99	61	42	32	83	94	99	72	25	82	90
days or more		83	99	70	42	34	84	94	99	81	25	82	90
days or more		96	100	70	60	43	91	99	100	84	69	87	91
1/ days or more	82	98	100	70	60	43	93	99	100	90	69	92	91
1/2 days or more		100	100	100	92	75	99	100	100	100	99	100	91
days or more				100	92		99		100	100	99		99
days or more		100	100			75		100				100	
days or more		100	100	100	93	75	100	100	100	100	100	100	100
2 days or more		100	100	100	96 98	75	100	100	100	100	100	100	100
day or more		100	100	100		76	100	100	100	100			

## Table B-4a. Identification of major paid holidays

(Percent of plantworkers and officeworkers in all industries and in industry divisions by paid holidays, Baltimore, Md., August 1972)

			Planty	workers						Officeworkers	5		
Holiday	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Finance	Service
and the state of t			91 10-30										
All workers	100	100	100	100	100	100	100	100	100	100	100	100	100
								3			200		
New Year's Day	96	160	100	100	92	75	99	100	100	100	100	100	100
Lincoln's Birthday	1	1	7		-		1		(4)	-	-	4	-
Washington's Birthday	19	16	97	20	-	19	54	41	99	45	-	68	40
Good Friday	45	63	79	33	2	25	73	76	91	59	4	84	74
Good Friday, half day	1	-	-	13	-	4	2	-	-	23	-	-	3
Easter Monday	13	11	-	18	21	-	3	8	-	3	6	-	-
Memorial Day	95	100	100	100	92	75	99	100	100	100	99	100	99
Fourth of July	96	100	100	92	92	75	99	100	100	100	99	100	100
Friday before Labor Day, half day	1	2	-	-	-	-	2	6	-	-	-	1	-
Labor Day	95	99	100	100	92	75	99	96	100	100	99	100	99
Defenders Day	3	-	32	-	-	-	4	-	32	-	_	-	-
Columbus Day	3	5	7	2	-	2	18	4	(9)	1	-	56	-
Veterans Day	6	8	18	7	-	2	19	6	6	33	-	43	2
Thanksgiving Day	95	98	100	100	94	75	99	99	100	100	99	100	99
Day after Thanksgiving	31	55	5	9	-	1	30	56	3	43	(9)	16	53
Christmas Eve	34	58	3	11	1	24	21	54	1	13	195	4	18
Christmas Eve, half day	4	4	-	12	2	2	8	4	2	8	2	9	38
Christmas Day	98	100	100	100	98	76	100	100	100	100	100	100	100
All working days between Christmas Day and	10	100	100	100	70	10	100	100	100	100	100	100	100
New Year's Eve 11	4	7	1	2		-	1	1	191	2	-		
New Year's Eve	10	17	1	7	-	4	5	13	195	5			10
Jaw Vanta Eve half day		191	1	0		10	1	2	( )	3		1	37
Sleeting believe, hall day	10	()	10	0	17	8	11	10	-	-	30	1 7	19
New Year's Eve, half day	13	8	10	14				10	191	0	18	1	19
Fronting norday, 2 days "	15	9	42	14	28 22	7	11	8	33	8	21	2	2
Employee's birthday	15	8	42	14	22	/	11	8	3.5	8	21	5	2

Table B-5. Paid vacations

(Percent of plantworkers and officeworkers in all industries and in industry divisions by vacation pay provisions, Baltimore, Md., August 1972)

				orkers					0	fficeworkers			
Vacation policy	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Finance	Services
All workers	100	100	100	100_	100	100	100	100	100	100	100	100	100
Method of payment													
071													
Workers in establishments providing paid vacations	99	100	100	100	100	89	99	100	100	96	100	100	100
Length-of-time payment	94	93	100	92	98	89	99	97	100	96	100	100	100
Percentage payment	5	7	-	8	2	-	1	3	-	-	-	-	-
Workers in establishments providing		100											
no paid vacations	1	-		-	-	11	(9)		-	4	-	-	-
Amount of vacation pay 13													
After 6 months of service													
Jnder 1 week	13 14	14 14	31	9 23	21	3 14	9 53	12 61	2 32	4 25	27	7 67	1 80
Over 1 and under 2 weeks	3	2	3	5	5	3	11	11	1	5	25	15	4
2 weeks	1	-	7	-	-	-	3	-	-	-	(9)	11	-
After 1 year of service													
Inder 1 week	1	-	-		-	9	-		-			-	1.7
week	70 5	80 2	42 15	49	62 12	66	22	11	62	21	37 13	12	14
Over 1 and under 2 weeks	18	11	35	51	26	12	72	83	35	75	50	82	82
weeks Over 2 and under 3 weeks	(9)	- 11	1	51	20	3	2	0.5	(9)	13	50	6	4
weeks	4	7	-	- 1	-	_	2	6	-	_	_	_	-
4 weeks	i	-	7	-	-	-	-	-			-	-	-
After 2 years of service													
l week	42	53	5	36	30	38	3	5	-	6	1	1	4
Over 1 and under 2 weeks	5 46	8 30	6 72	64	70	-	(9)	1	-	-	-	-	-
2 weeks	1	30	11	04	70	49	88 2	75	97 3	90	99	94	93
Over 2 and under 3 weeks3 weeks	5	9	-			-	6	19	3			6	4
weeks	1	-	7	-	-	-	-	-		-	2	-	-
After 3 years of service													
l week	6	4	-	4	2	32	1	(9)		3	1	1	4
Over 1 and under 2 weeks	8	13	-	13	-	-	-	-	-	-	-		-
2 weeks	77	72	77	80	98	55	90	79	97	90	99	94	93
Over 2 and under 3 weeks	2	1 10	17	3		3	3 6	2 19	3	3		6	4
3 weeks	6	-	7	-		-	-	19				1	-
After 4 years of service													
	6	4		4	2	31	1	(9)		3	1	1	3
l week Over 1 and under 2 weeks	8	13		13	-	-	1	( )	-	3	1	-	-
2 weeks	78	72	77	80	98	56	90	79	97	90	99	94	93
Over 2 and under 3 weeks	2	1	17	3	-	3	3	2	3	3	12	6	4
3 weeks	5	10	-	-	-	-	6	19	-	-	-	1	-
4 weeks	1	1	7		-	-2	_	-	-	-	-		-

Table B-5. Paid vacations—Continued

(Percent of plantworkers and officeworkers in all industries and in industry divisions by vacation pay provisions, Baltimore, Md., August 1972)

			Planty	workers					(	Officeworkers			
Vacation policy	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Finance	Service
Amount of vacation pay 13—Continued													
After 5 years of service													
week		-	1	-	1	16	(9)	-			1	-	2
weeks		1 81	71	3 75	1 74	68	(°)	71	97	52	1 89	83	45
Over 2 and under 3 weeks		3	15	5	-	3	3	(9)	3	1	-	7	45
weeks	_ 15	14	5	17	24	2	20	28	1	43	10	10	49
ver 3 and under 4 weeks		1	2 7	-	-	-	-	-	-	-	-	-	- 1
weeks	_ 1	1	,	-	-		-	-	-	-		-	-
After 10 years of service													
week		- 8	-	2,	1	14	(9)	-	-	-	1	-	1
weeks Over 2 and under 3 weeks		13	1	26 15	13	37 12	8 2	7 3		18	16	8	7
weeks	- 70	73	77	45	81	24	81	79	97	38	83	86	85
over 3 and under 4 weeks		1	15	3	-	-	3	2	3	3	-	6	
weeks ver 4 and under 5 weeks		5	7 2	11 -	6	2 -	6 -	8 7	(9)	36	-	- :	-
After 12 years of service			1										
week	1	2	_	-	1	14	(9)	-		-	1	-	1
weeks	_ 10	8	-	14	13	29	6	7	-	16	16	3	7
weeksweeks		11 76	77	22 51	81	12 32	1 83	81	97	3 38	83	91	86
over 3 and under 4 weeks		1	15	3	-	-	3	3	3	3	-	6	-
weeks	_ 5	5	7	11	6	2	6	9	(9)	36	-	-	1
ever 4 and under 5 weeks	(9)		2	-	-	-	-	-	-	-	-	-	
After 15 years of service													
week	. 1		-	-	1	14	(9)	-	-	_	1	- 1	1
weeks		3	-	10	11	20	3	1	-	10	13	1	3
weeksver 3 and under 4 weeks		75 7	70	64	55	50	76 3	72	94	36	81	89	53
weeks		14	14	27	32	3	17	24	4	50	5	4	40
ver 4 and under 5 weeks	. 1	-	17	-	-	-	(9)	-	3	-	-	2-	-
weeks	1	1	-	-	-	-	(%)	1	-	-	-	-	-
After 20 years of service													
week	. 1	_	_	-	1	14	(9)	_	_	_	1		1
weeks	. 6	2	-	10	10	20	2	(9)	-	10	9	1	2
weeks		43	3	32	29	34	23	25	1	17	23	33	22
ver 3 and under 4 weeksweeks		7 43	73	51	60	19	2 65	65	95	30	67	6 58	71
ver 4 and under 5 weeks		1	17	-	-	3	1	-	3	-	-	-	4
weeks	. 3	3	7	8	-	-	6	7	1	39	-	2	-
weeks	. 1	1	-	-	-	-	(9)	1	-	-	-	-	-

Table B-5. Paid vacations-Continued

(Percent of plantworkers and officeworkers in all industries and in industry divisions by vacation pay provisions, Baltimore, Md., August 1972)

			Plantv	vorkers		and the same				Officeworkers			
Vacation policy	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Finance	Service
Amount of vacation pay 13—Continued													
After 25 years of service													
week	1	-	-	-	1	14	(9)	-	-1-	-	1	-	1
weeks	6	2	-	10	10	20	2	(9)	-	10	9	1	2
weeks	21	17	2	21	29	34	13	15	1	17	23	11	22
Over 3 and under 4 weeks	2	3	-	8	-	-	1	12	2	-	-	-	-
weeks	47	62	25	41	31	19	57	62	28	27	35	75	70
over 4 and under 5 weeks	2	1	17	-	-	3	3	1	3	_	-	6	4
weeks	20	14	57	20	30		24	20	68	39	32	6	(9)
weeks	-	-	-	-	-	-	(9)	(9)	12	3	-		-
Over 6 weeks	1	1	-	-	-	-	(9)	(9)	-	-	-	-	-
After 30 years of service													
week	1	-	-	-	1	14	(9)	-		-	1	-	1
weeks	6	2	-	10	10	20	2	(9)	9	10	9	1	2
weeks	21	17	2	21	29	34	13	15	1	17	23	11	22
over 3 and under 4 weeks	2	3	-	8	-	-	-		-	-	-	-	-
weeks	42	54	25	41	31	19	53	52	28	27	35	75	70
Over 4 and under 5 weeks	2	- 1	17	-	-	3	2	-	3	-	-	6	4
weeks	24	21	57	20	30	-	28	32	68	39	32	7	(9)
weeks	(9)	1	-	-	-	-	1	1	-	3	-	-	-
Over 6 weeks	1	1	-	-	-	-	(9)	(9)	-	-	-	-	-
Maximum vacation available													
week	1	-	-	-	1	14	(9)	-	-	-	1	-	1
weeks	6	2	-	10	10	20	2	(9)	-	10	9	1 -	2
weeks	21	17	2	21	29	34	13	15	1	17	23	11	22
Over 3 and under 4 weeks	2	3	-	8		-	-	-	-	-	-	-	-
weeks	42	54	25	41	31	19	53	52	28	27	35	73	70
Over 4 and under 5 weeks	2	i	17	-	-	3	2	-	3	-	-	6	4
weeks	24	21	57	20	30	-	28	32	68	39	32	9	(9)
weeks	(9)	1	-	-	-	-	1	1	-	3	00.0	1	-
Over 6 weeks	1	1	-	-	4	-	(9)	(9)	-	-	-	(9)	-
		100					1 ''			1		1	

Table B-6. Health, insurance, and pension plans

(Percent of plantworkers and officeworkers in all industries and in industry divisions employed in establishments providing health, insurance, or pension benefits, Baltimore, Md., August 1972)

Type of benefit and financing 14	Plantworkers						Officeworkers						
	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Services	All industries	Manu- facturing	Public utilities	Wholesale trade	Retail trade	Finance	Service
						-				1		- 12 - 14 7	
												The second second	100
All workers	100	100	100	100	100	100	100	100	100	100	100	100	100
					1111			-1		1 1 1 1 1 1			
orkers in establishments providing at						1							
least 1 of the benefits shown below	98	100	100	100	99	71	99	100	100	100	99	100	98
Life insurance	95	98	100	93	97	60	99	99	100	97	99	99	98
Noncontributory plans	77	84	75	85	70	51	68	78	69	80	50	59	73
Accidental death and dismemberment				0.5							ALC: YELL		
insurance	57	56	68	82	50	51	65	61	65	55	62	69	83
Noncontributory plans	45	47	68	75	26	40	46	53	65	39	16	37	59
Sickness and accident insurance or						-				Tropic by		1 1000 1	
sick leave or both 15	91	99	80	97	92	44	90	99	100	91	95	81	70
Sickness and accident insurance	75	87	55	81	68	39	50	67	44	33	60	36	57
Noncontributory plans	63	78	55	73	45	33	41	57	44	29	22	31	42
Sick leave (full pay and no													
waiting period)	20	11	62	43	24	15	68	71	99	76	28	61	57
Sick leave (partial pay or				100		100	The state of the					50 11	
waiting period)	16	11	(9)	1	38	3	9	15	(9)	V = 0.7	39	3	4
Long-term disability insurance	26	29	53	38	11	20	52	52	60	66	4	54	63
Noncontributory plans	20	25	50	20	2	16	39	38	59	52	2	32	54
Hospitalization insurance	94	99	100	100	87	63	94	99	100	98	91	88	84
Noncontributory plans	77	87	100	68	57	45	64	83	100	46	37	52	27
Surgical insurance	93	99	100	100	87	54	94	99	100	98	91	88	84
Noncontributory plans		87	100	68	57	36	64	83	100	46	37	52	26
Medical insurance	86	93	98	97 68	78 54	51	91 63	98 81	100 100	90 44	76 33	86 51	83 25
Noncontributory plans	71 66	80 70	98 98	81	53	34 38	92	88	100	91	72	99	93
Major medical insurance	53	61	97	57	25	25	54	62	99	40	14	48	19
Noncontributory plans Dental insurance	7	1 1	30	14	16	1	5	4	3	19	4	6	17
Noncontributory plans	7	1	30	10	14	1	2	3	3	6	2	-	1
Retirement pension	88	95	84	85	94	37	88	96	76	91	94	81	92
Noncontributory plans	80	88	84	71	80	25	77	85	76	76	51	80	71
Trongonoria pranticipalita												1 1 2 2 1	1000
				9									

See footnotes at end of tables.

## **Footnotes**

All of these standard footnotes may not apply to this bulletin.

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

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

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

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

<sup>5</sup> Excludes workers in subclerical jobs such as messenger.

bata are presented for all standard workweeks combined, and for the most common standard workweeks reported.

<sup>7</sup> Includes all plantworkers in establishments currently operating late shifts, and establishments whose formal provisions cover late shifts, even though the establishments were not currently operating late shifts.

Less than 0.05 percent.

9 Less than 0.5 percent.

All combinations of full and half days that add to the same amount are combined; for example, the proportion of workers receiving a total of 9 days includes 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.

then were cumulated.

11 These days are provided as part of a Christmas—New Year holiday period which typically begins with Christmas Eve and ends with New Year's Day. Such a holiday period is common in the automobile, aerospace, and farm implement industries. Because of year-to-year variation in the number of workdays during the period, pay for a Sunday in December, frequently referred to as a "bonus holiday," may be provided to equalize each year's total holiday pay.

12 "Floating" holidays vary from year to year according to employer or employee choice.

13 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, 2 percent of annual earnings was considered as 1 week's pay. Periods of service are chosen arbitrarily and do not necessarily reflect individual provisions for progression; for example, changes in proportions at 10 years include changes between 5 and 10 years. Estimates are cumulative. Thus, the proportion eligible for at least 3 weeks' pay after 10 years includes those eligible for at least 3 weeks' pay after fewer years of service.

14 Éstimates listed after type of benefit are for all plans for which at least a part of the cost is borne by the employer. "Noncontributory plans" include only those financed entirely by the employer. Excluded are legally required plans, such as workmen's compensation, social

security, and railroad retirement.

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

## Appendix. Occupational Descriptions

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

## **OFFICE**

#### BILLER, MACHINE

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

Biller, machine (billing machine). Uses a special billing machine (combination typing and adding machine) to prepare bills and invoices from customers' purchase orders, interally 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 (with or without a typewriter keyboard) to prepare customers' bills as part of the accounts receivable operation. Generally involves the simultaneous entry of figures on customers' ledger record. The machine automatically accumulates figures on a number of vertical columns and computes and usually prints automatically the debit or credit balances. Does not involve a knowledge of bookkeeping. Works from uniform and standard types of sales and credit slips.

#### BOOKKEEPING-MACHINE OPERATOR

Operates a bookkeeping machine (with or without a typewriter keyboard) to keep a record of business transactions.

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

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

## CLERK, ACCOUNTING

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

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

#### CLERK, ACCOUNTING-Continued

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

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

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

#### CLERK, FILE

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

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

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

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

#### CLERK, ORDER

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

#### CLERK, PAYROLL

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

NOTE: Since the last survey in this area, the Bureau has (1) discontinued collecting data for Comptometer operators, (2) changed the electronics technicians classification from a single level to a three level job, and (3) begun collecting data for warehousemen.

#### KEYPUNCH OPERATOR

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

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

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

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

#### MESSENGER (Office Boy or Girl)

Performs various routine duties such as running errands, operating minor office machines such as sealers or mailers, opening and distributing mail, and other minor clerical work. Exclude positions that require operation of a motor vehicle as a significant duty.

#### SECRETARY

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

a. Receives telephone calls, personal callers, and incoming mail, answers routine inquires, and routes technical inquiries to the proper persons;

b. Establishes, maintains, and revises the supervisor's files;

c. Maintains the supervisor's calendar and makes appointments as instructed;

d. Relays messages from supervisor to subordinates;

e. Reviews correspondence, memorandums, and reports prepared by others for the supervisor's signature to assure procedural and typographic accuracy;

f. Performs stenographic and typing work.

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

#### Exclusions

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

a. Positions which do not meet the "personal" secretary concept described above;

b. Stenographers not fully trained in secretarial type duties;

 Stenographers serving as office assistants to a group of professional, technical, or managerial persons;

d. Secretary positions in which the duties are either substantially more routine or substantially more complex and responsible than those characterized in the definition;

e. Assistant type positions which involve more difficult or more responsible technical, administrative, supervisory, or specialized clerical duties which are not typical of secretarial work.

#### SECRETARY-Continued

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

#### Class A

1. Secretary to the chairman of the board or president of a company that employs, in all, over 100 but fewer than 5,000 persons; or

2. Secretary to a corporate officer (other than the chairman of the board or president) of a company that employs, in all, over 5,000 but fewer than 25,000 persons; or

3. Secretary to the head, immediately below the corporate officer level, of a major segment or subsidiary of a company that employs, in all, over 25,000 persons.

#### Class B

1. Secretary to the chairman of the board or president of a company that employs, in all, fewer than 100 persons; or

2. Secretary to a corporate officer (other than the chairman of the board or president) of a company that employs, in all, over 100 but fewer than 5,000 persons; or

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

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

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

#### Class C

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

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

#### Class D

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

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

#### STENOGRAPHER

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

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

#### Stenographer, General

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

#### STENOGRAPHER-Continued

#### Stenographer, Senior

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

#### OR

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

#### SWITCHBOARD OPERATOR

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

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

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

### SWITCHBOARD OPERATOR-RECEPTIONIST

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

#### TABULATING-MACHINE OPERATOR (Electric Accounting Machine Operator)

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

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

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

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

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

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

#### TRANSCRIBING-MACHINE OPERATOR, GENERAL

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

#### TYPIST

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

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

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

## 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 programer. 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 programer; 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

#### COMPUTER OPERATOR-Continued

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

OR

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

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

#### COMPUTER 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 programer develops the precise instructions which, when entered into the computer system in coded language, cause the manipulation

#### COMPUTER PROGRAMER, BUSINESS-Continued

of data to achieve desired results. Work involves most of the following: Applies knowledge of computer capabilities, mathematics, logic employed by computers, and particular subject matter involved to analyze charts and diagrams of the problem to be programed; 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 programing should be classified as systems analysts if this is the skill used to determine their pay.)

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

For wage study purposes, programers are classified as follows:

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

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

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

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

OR

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

May guide or instruct lower level programers.

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

#### COMPUTER SYSTEMS ANALYST, BUSINESS

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

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

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

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

#### COMPUTER SYSTEMS ANALYST, BUSINESS-Continued

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

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

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

OF

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

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

#### DRAFTSMAN

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

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

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

#### DRAFTSMAN-TRACER

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

#### AND/OR

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

#### ELECTRONICS TECHNICIAN

Works on various types of electronic equipment and related devices by performing one or a combination of the following: Installing, maintaining, repairing, overhauling, troubleshooting, modifying, constructing, and testing. Work requires practical application of technical knowledge of electronics principles, ability to determine malfunctions, and skill to put equipment in required operating condition.

#### ELECTRONICS TECHNICIAN-Continued

The equipment—consisting of either many different kinds of circuits or multiple repetition of the same kind of circuit—includes, but is not limited to, the following: (a) Electronic transmitting and receiving equipment (e.g., radar, radio, television, telephone, sonar, navigational aids), (b) digital and analog computers, and (c) industrial and medical measuring and controlling equipment.

This classification excludes repairmen of such standard electronic equipment as common office machines and household radio and television sets; production assemblers and testers; workers whose primary duty is servicing electronic test instruments; technicians who have administrative or supervisory responsibility; and draftsmen, designers, and professional engineers.

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

Class A. Applies advanced technical knowledge to solve unusually complex problems (i.e., those that typically cannot be solved solely by reference to manufacturers' manuals or similar documents) in working on electronic equipment. Examples of such problems include location and density of circuitry, electro-magnetic radiation, isolating malfunctions, and frequent engineering changes. Work involves: A detailed understanding of the interrelationships of circuits; exercising independent judgment in performing such tasks as making circuit analyses, calculating wave forms, tracing relationships in signal flow; and regularly using complex test instruments (e.g., dual trace oscilloscopes, Q-meters, deviation meters, pulse generators).

Work may be reviewed by supervisor (frequently an engineer or designer) for general compliance with accepted practices. May provide technical guidance to lower level technicians.

Class B. Applies comprehensive technical knowledge to solve complex problems (i.e., those that typically an be solved solely by properly interpreting manufacturers! manuals or similar documents) in working on electronic equipment. Work involves: A familiarity with the interrelationships of circuits; and judgment in determining work sequence and in selecting tools and testing instruments, usually less complex than those used by the class A technician.

#### ELECTRONICS TECHNICIAN—Continued

Receives technical guidance, as required, from supervisor or higher level technician, and work is reviewed for specific compliance with accepted practices and work assignments. May provide technical guidance to lower level technicians.

Class C. Applies working technical knowledge to perform simple or routine tasks in working on electronic equipment, following detailed instructions which cover virtually all procedures. Work typically involves such tasks as: Assisting higher level technicians by performing such activities as replacing components, wiring circuits, and taking test readings; repairing simple electronic equipment; and using tools and common test instruments (e.g., multimeters, audio signal generators, tube testers, oscilloscopes). Is not required to be familiar with the interrelationships of circuits. This knowledge, however, may be acquired through assignments designed to increase competence (including classroom training) so that worker can advance to higher level technician.

Receives technical guidance, as required, from supervisor or higher level technician. Work is typically spot checked, but is given detailed review when new or advanced assignments are involved.

#### NURSE, INDUSTRIAL (Registered)

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

## MAINTENANCE AND POWERPLANT

#### CARPENTER, MAINTENANCE

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

#### ELECTRICIAN, MAINTENANCE

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

#### ENGINEER, STATIONARY

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

#### FIREMAN, STATIONARY BOILER

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

#### HELPER, MAINTENANCE TRADES

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

#### MACHINE-TOOL OPERATOR, TOOLROOM

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

## 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

#### MACHINIST, MAINTENANCE-Continued

handtools and precision measuring instruments; setting up and operating standard machine tools; shaping of metal parts to close tolerances; making standard shop computations relating to dimensions of work, tooling, feeds, and speeds of machining; knowledge of the working properties of the common metals; selecting standard materials, parts, and equipment required for his work; and fitting and assembling parts into mechanical equipment. In general, the machinist's work normally requires a rounded training in machine-shop practice usually acquired through a formal apprenticeship or equivalent training and experience.

#### MECHANIC, AUTOMOTIVE (Maintenance)

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

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

#### MECHANIC, MAINTENANCE

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

#### MILLWRIGHT

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

#### 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 machines; threading pipe with stocks and dies; bending pipe by hand-driven or power-driven machines; assembling pipe with couplings and fastening pipe to hangers; making standard shop computations relating to pressures, flow, and size of pipe required; and making standard tests to determine whether finished pipes meet specifications. In general, the work of the maintenance pipefitter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience. Workers primarily engaged in installing and repairing building sanitation or heating systems are excluded.

#### SHEET-METAL WORKER, MAINTENANCE

Fabricates, installs, and maintains in good repair the sheet-metal equipment and fixtures (such as machine guards, grease pans, shelves, lockers, tanks, ventilators, chutes, ducts, metal roofing) of an establishment. Work involves most of the following: Planning and laying out all types of sheet-metal maintenance work from blueprints, models, or other specifications; setting up and operating all available types of sheet-metal working machines; using a variety of handtools in cutting, bending, forming, shaping, fitting, and assembling; and installing sheet-metal articles as required. In general, the work of the maintenance sheet-metal worker requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

#### TOOL AND DIE MAKER

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

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

#### CUSTODIAL AND MATERIAL MOVEMENT

#### GUARD AND WATCHMEN

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

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

#### JANITOR, PORTER, OR CLEANER

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

#### LABORER, MATERIAL HANDLING

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

#### ORDER FILLER

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

#### PACKER, SHIPPING

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

#### SHIPPING AND RECEIVING CLERK

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

For wage study purposes, workers are classified as follows:

Receiving clerk Shipping clerk Shipping and receiving clerk

#### TRUCKDRIVER

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

#### TRUCKDRIVER-Continued

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  $1^{1}/_{2}$  tons) Truckdriver, medium ( $1^{1}/_{2}$  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)

#### WAREHOUSEMAN

As directed, performs a variety of warehousing duties which require an understanding of the establishment's storage plan. Work involves most of the following: Verifying materials (or merchandise) against receiving documents, noting and reporting discrepancies and obvious damages; routing materials to prescribed storage locations; storing, stacking, or palletizing materials in accordance with prescribed storage methods: rearranging and taking inventory of stored materials; examining stored materials and reporting deterioration and damage; removing material from storage and preparing it for shipment. May operate hand or power trucks in performing warehousing duties.

Exclude workers whose <u>primary</u> duties involve shipping and receiving work (see shipping and receiving clerk and packer, shipping), order filling (see order filler), or operating power trucks (see trucker, power).

## Available On Request-

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

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

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

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

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

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

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

The twelfth annual report on salaries for accountants, auditors, chief accountants, attorneys, job analysts, directors of personnel, buyers, chemists, engineers, engineering technicians, draftsmen, and clerical employees. Order as BLS Bulletin 1742, National Survey of Professional, Administrative, Technical, and Clerical Pay, June 1971, 75 cents a copy, from any of the BLS regional sales offices shown on the back cover, or from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402.

# Area Wage Surveys

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

Aven	Bulletin number and price		A	Bulletin number	
Area			Area	and p	
Akron, Ohio, July 1971 1			Milwaukee, Wis., May 1972 1	1725-83,	45 cents
Albany-Schenectady-Troy, N.Y., Mar. 1972	1725-49,	30 cents	Minneapolis-St. Paul, Minn., Jan. 1972 1	1725-45,	50 cents
Albuquerque, N. Mex., Mar. 1972 1	1725-59,	35 cents	Muskegon-Muskegon Heights, Mich., June 1972 1	1725-85,	35 cents
Allentown-Bethlehem-Easton, PaN.J., May 1972 1	1725-87,	35 cents	Newark and Jersey City, N.J., Jan. 1972 1	1725-52,	50 cents
Atlanta, Ga., May 1972 1	1725-77,	45 cents	New Haven, Conn., Jan. 1972 1	1725-41,	35 cents
Austin, Tex., Dec. 1972 (to be surveyed)			New Orleans, La., Jan. 1972	1725-35,	30 cents
Baltimore, Md., Aug. 1972 1	1775-20,		New York, N.Y., Apr. 1972 1	1725-90,	50 cents
Beaumont-Port Arthur-Orange, Tex., May 1972			Norfolk-Virginia Beach-Portsmouth and		
Binghamton, N.Y., July 1972	1775-5,	45 cents	Newport News-Hampton, Va., Jan. 1972	1725-42,	30 cents
Birmingham, Ala., Mar. 1972			Oklahoma City, Okla., July 1972	1775-6,	45 cents
Boise City, Idaho, Nov. 1971	1725-27,	30 cents	Omaha, NebrIowa, Sept. 1971	1725-13,	35 cents
Boston, Mass., Aug. 1972 1	1775-13,	75 cents	Paterson-Clifton-Passaic, N.J., June 1972 1	1725-88,	40 cents
Buffalo, N.Y., Oct. 1971			Philadelphia, PaN.J., Nov. 1971 1	1725-62,	50 cents
Burlington, Vt., Dec. 1971			Phoenix, Ariz., June 1972 1		
Canton, Ohio, May 1972 1	1725-75,	35 cents	Pittsburgh, Pa., Jan. 1972	1725-46,	40 cents
Charleston, W. Va., Mar. 1972 1	1725-63,	35 cents	Portland, Maine, Nov. 1971 1	1725-22,	35 cents
Charlotte, N.C., Jan. 1972 Lance Charlotte, N.C., Jan. 1972 Charlotte, N.C., Sept. 1972 Charlotte, N.C., Jan. 1972 Charlotte, N.C., Charlotte,	1725-48,	35 cents	Portland, OregWash., May 1972 1	1725-89,	35 cents
Chattanooga, TennGa., Sept. 1972	1775-14,	55 cents	Poughkeepsie-Kingston-Newburgh, N.Y.,		
Chicago, Ill., June 1972	1725-92,	70 cents	June 1972 1	1725-80,	35 cents
Cincinnati, Ohio-KyInd., Feb. 1972	1725-56,	35 cents	Providence-Warwick-Pawtucket, R.IMass.,		
Cleveland, Ohio, Sept. 1972 1			May 1972	1725-70,	30 cents
Columbus, Ohio, Oct. 1971			Raleigh, N.C., Aug. 1972 Richmond, Va., Mar. 1972 <sup>1</sup>	1775-7,	45 cents
Dallas, Tex., Oct. 1971	1725-26,	35 cents	Richmond, Va., Mar. 1972	1725-72,	35 cents
Davenport-Rock Island-Moline, Iowa-Ill., Feb. 1972 1	1725-55,	35 cents	Riverside-San Bernardino-Ontario, Calif.,		
Dayton, Ohio, Dec. 1971 Denver, Colo., Dec. 1971	1725-36,	35 cents	Dec. 1971		
Denver, Colo., Dec. 1971	1725-44,	35 cents	Rochester, N.Y. (office occupations only), July 1972	1775-4,	45 cents
Des Moines, Iowa, May 1972 1	1725-86,	35 cents	Rockford, Ill., June 1972 1	1725-84,	35 cents
Detroit, Mich., Feb. 1972	1725-68,	40 cents	St. Louis, MoIll., Mar. 1972		
Durham, N.C., Apr. 1972 1	1725-64,	30 cents	Salt Lake City, Utah, Nov. 1971		
Fort Lauderdale-Hollywood and West Palm			San Antonio, Tex., May 1972	1725-67,	30 cents
Beach, Fla., Apr. 1972 1	1725-74,	35 cents	San Diego, Calif., Nov. 1971 1	1725-32,	35 cents
Fort Worth, Tex., Oct. 1971			San Francisco-Oakland, Calif., Oct. 1971 1	1725-33,	50 cents
Green Bay, Wis., July 1972 1	. 1775-1,	55 cents	San Jose, Calif., Mar. 1972	1725-65,	30 cents
Greenville, S.C., May 1972	. 1725-66,	30 cents	Savannah, Ga., May 1972 1		
Houston, Tex., Apr. 1972	1725-79,	35 cents	Scranton, Pa., July 1972	1775-10,	45 cents
Huntsville, Ala., Feb. 1972			Seattle-Everett, Wash., Jan. 1972	1725-47,	30 cents
Indianapolis, Ind., Oct. 1971	. 1725-23,	30 cents	Sioux Falls, S. Dak., Dec. 1971	1725-30,	25 cents
Jackson, Miss., Jan. 1972			South Bend, Ind., May 1972 1	1725-60,	35 cents
Jacksonville, Fla., Dec. 1971			Spokane, Wash., June 1972 1	1725-91,	35 cents
Kansas City, MoKans., Sept. 1971	. 1725-18,	35 cents	Syracuse, N.Y., July 1972	1775-11,	45 cents
Lawrence-Haverhill, MassN.H., June 1972	. 1725-81,	35 cents	Tampa-St. Petersburg, Fla., Aug. 1972	1775-9,	45 cents
Lexington, Ky., Nov. 1972 (to be surveyed)			Toledo, Ohio-Mich., Apr. 1972	1725-78,	35 cents
Little Rock-North Little Rock, Ark., July 1972 1	1775-2,	55 cents	Trenton, N.J., Sept. 1972	1775-12,	55 cents
Los Angeles-Long Beach and Anaheim-Santa Ana-			Utica-Rome, N.Y., July 1972	1775-3,	45 cents
Garden Grove, Calif., Mar. 1972	1725-76,	45 cents	Washington, D.CMdVa., Mar. 1972 1	1725-93,	70 cents
Louisville, KyInd., Nov. 1971 1	1725-29,	35 cents	Waterbury, Conn., Mar. 1972 1	1725-53,	35 cents
Lubbock, Tex., Mar. 1972 1	1725-57,	35 cents	Waterloo, Iowa, Nov. 1971	1725-20,	30 cents
Manchester, N.H., July 1972	1775-8,	55 cents	Wichita, Kans., Apr. 1972	1725-82,	35 cents
Manchester, N.H., July 1972 1  Memphis, TennArk., Nov. 1971 1	1725-40,	35 cents	Worcester, Mass., May 1972	1725-71,	35 cents
Miami, Fla., Nov. 1971	1725-28.	30 cents	York, Pa., Feb. 1972	1725-54,	35 cents
Midland and Odessa, Tex., Jan. 1972 1	1725-37,	30 cents	Wichita, Kans., Apr. 1972 1 Worcester, Mass., May 1972 1 York, Pa., Feb. 1972 1 Youngstown-Warren, Ohio, Nov. 1971 1	1725-51,	35 cents

Digitized for FRASER Data on establishment practices and supplementary wage provisions are also presented.

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