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# Area Wage Surveys

# Selected Metropolitan Areas, 1977



U.S. Department of Labor  
Bureau of Labor Statistics

Bulletin 1950-76

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# Preface

The Bureau of Labor Statistics' annual area wage survey program provides information on occupational earnings, establishment practices, and supplementary wage benefits for individual metropolitan areas, in addition to national and regional estimates for all Standard Metropolitan Statistical Areas of the United States (excluding Alaska and Hawaii). This bulletin summarizes occupational earnings data for 73 metropolitan areas surveyed during calendar year 1977, as well as establishment practices and benefits for 30 of these areas. A second bulletin will provide national and regional estimates from the 1977 surveys.

In each area, occupational earnings data are collected annually. Information on establishment practices and supplementary benefits is obtained every third year. Individual area bulletins provide survey results in greater detail than is shown in this summary bulletin.

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. The program

develops information that may be used for many purposes, including wage and salary administration, collective bargaining, and assistance in determining plant location. The U.S. Department of Labor uses survey results to make wage determinations under the Service Contract Act of 1965.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries and governments.

The area wage surveys 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.

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# Area Wage Surveys

# Selected Metropolitan Areas, 1977

U.S. Department of Labor  
Ray Marshall, Secretary  
Bureau of Labor Statistics  
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Commissioner  
NOVEMBER 1979  
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# Introduction

Information on occupational earnings for 73 metropolitan areas is provided in tables A-1 through A-11. The tables present average (mean) straight-time earnings of selected office clerical, professional and technical, maintenance, toolroom, and powerplant, and material movement and custodial occupations. Earnings data are reported by occupation for: (1) All industries combined; (2) manufacturing; (3) nonmanufacturing; and (4) public utilities, except for professional and technical occupations for which data were insufficient to warrant presentation.

Table A-12 shows one-year percent increases in average earnings for five occupational groups—office clerical, electronic data processing, industrial nurses, skilled maintenance, and unskilled plant workers.

The B-series tables provide information on establishment practices and supplementary wage provisions for plant and office workers. Table B-1

shows the percent of plant workers in manufacturing working on late shifts by type of shift pay differential. Tables B-2 through B-19 show data for scheduled weekly hours and days; paid holidays; paid vacations; and health, insurance, and pension plans.

There are two appendixes to this bulletin. Appendix A describes the methods and concepts used in the area wage survey program and provides information on the scope of the individual studies. The four tables in appendix A show (1) number of workers employed in the six major industry divisions studied, (2) important manufacturing industries in the area, (3) percent of workers in key nonmanufacturing industries, and (4) extent of labor-management agreement coverage. Appendix B provides job descriptions used by Bureau field representatives to classify workers in occupations for which straight-time earnings information is presented.

# A. Earnings

## Table A-1. Weekly earnings<sup>1</sup> of office workers, January through December 1977—all industries

OCCUPATION AND GRADE	NORTHEAST														
	ALBANY- SCHENECTADY- TROY <sup>2</sup>	BOSTON <sup>2</sup>	BUFFALO <sup>2</sup>	HARTFORD	NASSAU- SUFFOLK	NEWARK	NEW YORK <sup>2</sup>	NORTHEAST PENNSYL- VANIA	PATERSON- CLIFTON- PASSAIC	PHILA- DELPHIA <sup>2</sup>	PITTSBURGH <sup>2</sup>	PORTLAND	PCUGH- KEEPSIE	PROVIDENCE- WARWICK- PAWTUCKET	TRENTON
	SEPTEMBER	AUGUST	OCTOBER	MARCH	JUNE	JANUARY	MAY	AUGUST	JUNE	NOVEMBER	JANUARY	DECEMBER	JUNE	JUNE	SEPTEMBER
<b>ALL WORKERS</b>															
SECRETARIES-----	\$220.00	\$203.00	\$206.50	\$189.50	\$190.50	\$203.50	\$218.00	\$176.00	\$155.00	\$209.00	\$215.00	\$176.00	-	\$170.00	\$203.50
CLASS A-----	243.50	245.50	240.00	243.00	238.50	243.50	274.00	184.50	239.50	251.50	247.50	199.00	\$262.50	204.50	-
CLASS B-----	-	224.50	222.50	213.00	211.50	225.50	241.50	206.50	218.50	224.50	240.00	195.00	-	189.00	224.00
CLASS C-----	219.00	204.00	216.00	186.00	201.50	214.50	217.50	182.00	204.50	210.50	220.50	173.00	-	174.00	205.50
CLASS D-----	184.00	185.00	184.00	160.50	170.50	182.50	192.00	172.00	174.50	186.00	188.50	162.00	-	158.00	194.00
CLASS E-----	-	-	-	-	-	-	-	146.00	-	-	-	-	-	143.50	-
STENOGRAPHERS-----	188.00	184.00	178.00	179.00	165.00	183.50	184.50	162.50	176.00	177.00	175.00	154.00	162.00	145.00	180.50
GENERAL-----	173.00	180.50	170.50	175.50	144.00	170.00	168.00	142.00	173.50	172.50	174.00	133.50	155.50	140.00	175.50
SENIOR-----	195.00	187.00	186.00	184.00	178.50	195.00	191.50	185.00	177.00	163.00	176.00	-	-	-	181.50
TRANSCRIBING-MACHINE TYPISTS--	-	165.00	156.00	152.00	156.50	153.50	165.00	137.00	153.50	154.00	139.00	142.00	-	-	152.00
TYPISTS-----	157.50	150.00	152.50	144.00	137.50	145.50	153.50	136.50	143.50	142.50	142.50	119.50	182.00	132.50	144.00
CLASS A-----	196.50	162.00	168.50	157.50	160.50	152.50	172.00	149.50	165.00	161.50	167.50	-	-	152.00	161.00
CLASS B-----	134.00	139.00	144.50	133.00	125.50	141.00	145.00	129.50	138.50	132.50	132.00	118.00	170.00	130.50	137.00
FILE CLERKS-----	129.50	131.50	135.00	121.50	120.00	130.50	138.50	115.50	133.50	128.00	128.50	107.00	-	116.50	133.00
CLASS A-----	-	152.00	-	-	-	167.50	167.00	-	-	159.00	162.50	-	-	-	-
CLASS J-----	139.50	122.00	-	129.00	138.00	140.50	141.50	123.50	-	130.50	137.00	-	-	117.00	-
CLASS C-----	117.50	128.50	120.00	115.50	114.50	120.50	130.50	107.00	129.00	118.50	115.00	103.00	-	103.50	122.50
MESSENGERS-----	171.00	131.50	142.00	130.00	137.00	147.50	140.50	121.00	135.50	141.00	145.50	144.00	-	127.50	139.00
SWITCHBOARD OPERATORS-----	158.50	163.00	155.00	145.00	150.00	164.50	171.00	127.00	154.00	169.00	176.50	147.00	-	143.50	162.50
SWITCHBOARD OPERATOR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	147.50	158.00	152.50	151.50	143.50	155.50	163.50	137.50	148.00	157.00	140.50	133.50	147.50	137.50	158.00
RAJER CLERKS-----	172.50	177.50	183.00	168.00	141.00	165.00	173.50	146.00	154.50	183.50	189.50	-	-	152.50	-
CLASS A-----	-	-	-	-	-	-	-	-	-	222.00	240.50	-	-	178.00	-
CLASS B-----	-	-	-	-	-	-	-	143.50	-	164.00	162.00	-	-	134.00	-
ACCOUNTING CLERKS-----	182.00	171.00	189.50	145.00	170.00	178.00	190.50	141.50	182.00	178.00	175.00	180.50	187.50	153.00	188.00
CLASS A-----	207.00	194.50	222.00	170.50	185.50	195.00	208.00	166.50	202.50	195.50	225.00	201.00	259.00	175.50	196.50
CLASS J-----	168.00	153.50	161.00	132.00	154.00	166.00	175.00	131.50	165.00	166.50	149.50	169.50	123.50	142.00	180.50
BOOKKEEPING-MACHINE OPERATORS-----	162.00	158.50	-	142.50	167.00	144.00	170.00	-	166.50	157.00	139.50	150.00	-	151.50	-
CLASS A-----	-	180.50	-	159.00	-	-	188.00	-	170.00	-	-	-	-	-	-
CLASS B-----	147.00	142.00	-	-	144.50	139.50	161.50	117.00	-	140.50	134.00	-	-	-	-
MACHINE BILLERS-----	-	150.00	207.00	158.50	-	168.50	172.00	116.00	172.50	163.50	160.50	139.00	-	152.50	-
BILLING MACHINE-----	-	138.00	209.50	162.50	-	174.50	179.00	-	-	172.00	167.50	139.00	-	-	-
BOOKKEEPING MACHINE-----	-	157.50	-	-	-	-	153.00	-	-	-	148.00	-	-	-	-
PAYROLL CLERKS-----	-	180.00	242.00	172.00	145.50	174.50	199.00	139.50	-	180.50	191.50	170.50	-	151.50	191.50
KEYPUNCH OPERATORS-----	179.00	164.00	172.00	149.00	155.50	175.00	169.50	145.50	-	168.00	173.50	145.50	166.00	135.00	161.50
CLASS A-----	190.50	170.50	208.50	160.00	174.50	189.50	181.00	154.00	171.00	186.00	186.50	166.50	198.00	159.50	179.00
CLASS J-----	163.00	152.50	146.50	137.50	148.00	164.50	161.00	137.50	-	154.00	166.00	126.50	164.50	133.50	145.00

See footnotes at end of B-series tables.

**Table A-1. Weekly earnings<sup>1</sup> of office workers, January through December 1977—all industries—Continued**

OCCUPATION AND GRADE	NORTHEAST--CONTINUED			SOUTH										
	UTICA- RCME <sup>2</sup>	WORCESTER	YORK	ATLANTA <sup>2</sup>	BALTIMORE <sup>2</sup>	BIRMINGHAM <sup>2</sup>	CHATTA- NOOGA <sup>2</sup>	CORPUS CHRISTI <sup>2</sup>	DALLAS- FERT WCRTH <sup>2</sup>	DAYTONA BEACH	GAINES- VILLE <sup>2</sup>	GREENSBORO- WINSTON-SALEM- HIGH POINT <sup>2</sup>	GREENVILLE- SPARTANBURG	HOUSTON
	JULY	APRIL	FEBRUARY	MAY	AUGUST	MARCH	SEPTEMBER	JULY	OCTOBER	AUGUST	SEPTEMBER	AUGUST	JUNE	AUGUST
<b>ALL WORKERS</b>														
SECRETARIES-----	\$189.50	\$189.00	\$173.50	\$202.50	\$199.50	\$183.50	\$174.50	\$184.00	\$156.00	\$183.50	\$177.00	\$189.50	\$167.50	\$215.00
CLASS A-----	-	221.00	214.00	241.00	214.50	202.00	196.00	-	229.00	-	-	235.50	212.00	251.00
CLASS B-----	215.50	201.50	187.50	215.50	209.50	187.00	184.00	208.00	206.00	-	191.00	199.00	183.50	239.00
CLASS C-----	200.50	193.00	171.00	202.50	197.50	191.00	189.00	195.00	157.50	192.50	173.00	190.00	165.50	226.00
CLASS D-----	164.00	166.00	151.50	186.00	182.50	171.50	157.00	176.00	180.50	176.50	174.00	158.00	158.00	201.00
CLASS E-----	-	-	-	-	-	-	-	165.50	-	-	-	164.50	-	188.00
STENOGRAPHERS-----	191.50	167.00	152.50	200.50	185.00	169.00	151.00	171.00	150.50	182.00	184.00	182.50	168.50	198.50
GENERAL-----	166.50	164.00	147.50	191.50	195.50	164.50	143.00	162.50	176.00	-	-	180.00	170.00	177.50
SENIOR-----	187.00	175.00	158.50	209.00	170.00	184.00	169.00	-	213.50	-	-	186.00	167.50	211.50
TRANSCRIBING-MACHINE TYPISTS--	143.00	-	-	163.00	149.00	130.50	124.50	-	141.50	-	-	133.50	134.00	155.50
TYPISTS-----	128.00	143.50	138.00	156.50	155.00	122.50	138.50	-	139.50	164.00	168.00	161.50	137.00	148.50
CLASS A-----	-	158.00	141.50	176.50	182.00	145.50	158.50	-	154.00	-	178.00	160.50	175.00	167.00
CLASS B-----	120.50	128.50	137.00	145.50	135.00	117.50	128.00	-	130.00	-	-	162.50	127.00	141.50
FILE CLERKS-----	112.00	121.50	123.00	131.00	134.50	114.00	111.00	-	120.00	-	-	124.00	121.00	129.00
CLASS A-----	-	-	-	167.50	172.00	149.00	-	-	178.00	-	-	-	-	209.00
CLASS B-----	-	123.00	-	141.00	143.00	126.50	109.00	-	126.50	-	-	127.50	-	137.00
CLASS C-----	104.00	116.50	116.00	118.00	113.00	105.00	111.00	-	112.00	-	-	119.00	112.50	117.50
MESSENGERS-----	110.50	123.50	124.50	152.50	139.50	131.00	116.00	-	126.50	-	-	135.00	137.00	125.50
SWITCHBOARD OPERATORS-----	156.50	167.50	148.00	150.50	156.50	130.00	132.00	113.00	143.00	122.00	-	145.00	135.00	146.50
SWITCHBOARD OPERATOR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	141.00	133.50	138.00	157.50	147.50	141.00	138.50	128.50	148.50	122.00	128.00	136.50	136.50	150.50
ORDER CLERKS-----	144.00	167.00	155.50	166.50	164.50	154.00	161.50	-	160.50	-	176.00	134.50	124.50	171.50
CLASS A-----	-	-	-	-	-	198.50	-	-	-	-	183.50	-	-	230.50
CLASS B-----	141.00	-	-	-	-	145.00	-	-	-	-	-	134.50	124.00	147.00
ACCOUNTING CLERKS-----	158.00	174.00	143.50	175.50	189.00	154.50	152.50	139.50	163.00	144.50	142.00	167.00	141.50	174.50
CLASS A-----	182.50	193.50	166.50	197.50	220.50	194.50	175.50	183.00	197.50	177.00	162.50	188.00	155.50	202.50
CLASS B-----	144.00	148.50	131.50	163.00	161.00	142.00	138.50	125.50	144.00	126.50	131.50	156.50	134.50	158.00
BOOKKEEPING-MACHINE OPERATORS-----	142.50	147.50	152.50	157.00	150.00	138.00	134.00	-	138.50	-	-	165.50	-	153.50
CLASS A-----	-	-	-	160.00	159.00	153.50	-	-	158.50	-	-	175.00	-	-
CLASS B-----	-	-	140.50	-	142.50	118.50	133.00	-	126.00	-	-	-	-	151.50
MACHINE BILLERS-----	-	156.50	150.00	130.00	142.50	146.00	120.50	-	155.00	-	-	163.00	-	142.00
BILLING MACHINE-----	-	158.00	-	142.00	-	145.50	-	-	148.50	-	-	164.00	-	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	168.50	-	-	-	-	-
PAYROLL CLERKS-----	150.00	173.50	149.50	181.00	212.50	172.50	170.00	166.50	182.50	-	181.00	162.00	151.00	184.50
KEYPUNCH OPERATORS-----	137.50	153.50	133.00	172.00	167.50	142.50	141.00	142.00	160.50	133.00	144.00	157.00	139.00	165.50
CLASS A-----	159.50	164.50	172.00	178.50	192.00	149.50	152.00	170.50	174.00	-	151.00	206.50	146.00	185.50
CLASS B-----	126.00	134.50	119.50	166.50	156.50	140.00	137.50	135.50	146.50	-	142.50	145.00	137.00	157.00

See footnotes at end of B-series tables.

**Table A-1. Weekly earnings<sup>1</sup> of office workers, January through December 1977—all industries—Continued**

OCCUPATION AND GRADE	SOUTH--CONTINUED												NORTH CENTRAL			
	HUNTSVILLE <sup>2</sup>	JACKSON	JACKSONVILLE <sup>2</sup>	LOUISVILLE	MEMPHIS <sup>2</sup>	MIAMI <sup>2</sup>	NEW ORLEANS	NORFOLK-VIRGINIA BEACH-PORTSMOUTH	OKLAHOMA CITY <sup>2</sup>	RICHMOND <sup>2</sup>	SAN ANTONIO <sup>2</sup>	WASHINGTON <sup>2</sup>	AKRON <sup>2</sup>	CANTON <sup>2</sup>	CHICAGO <sup>2</sup>	CINCINNATI <sup>2</sup>
	FEBRUARY	JANUARY	DECEMBER	NOVEMBER	NOVEMBER	OCTOBER	JANUARY	MAY	AUGUST	JUNE	MAY	MARCH	DECEMBER	MAY	MAY	JULY
<b>ALL WORKERS</b>																
SECRETARIES-----	\$192.00	\$166.50	\$191.00	\$201.50	\$175.00	\$197.50	\$176.00	\$172.50	\$185.50	\$182.00	\$161.00	\$212.00	\$221.00	\$183.50	\$210.50	\$199.50
CLASS A-----	-	184.00	208.00	208.50	216.50	236.00	223.50	-	222.50	216.50	215.00	251.50	270.00	223.50	256.00	244.00
CLASS B-----	208.00	188.50	205.50	207.50	194.50	209.00	191.50	170.00	196.00	196.50	178.00	233.00	239.00	203.50	224.00	206.50
CLASS C-----	214.00	180.50	194.00	194.50	171.00	188.50	184.50	172.50	192.00	184.50	176.00	215.50	213.50	196.00	213.00	198.00
CLASS J-----	173.50	166.00	172.50	211.50	156.50	173.50	170.50	167.00	177.00	177.00	158.00	197.00	183.00	178.50	193.50	183.50
CLASS E-----	156.50	137.00	-	179.50	-	-	157.00	-	159.00	150.00	136.00	-	-	134.50	182.00	196.50
STENOGRAPHERS-----	175.50	159.50	210.50	182.50	181.00	192.00	164.50	159.00	170.50	177.00	163.00	204.00	188.50	170.00	200.00	179.00
GENERAL-----	167.50	161.50	213.50	187.00	182.50	180.00	157.00	154.50	154.00	172.50	138.00	187.00	164.50	178.50	151.00	171.00
SENIOR-----	179.50	152.00	204.50	178.00	179.50	201.50	180.50	168.50	189.50	184.50	-	207.00	204.00	165.00	206.00	191.00
TRANSCRIBING-MACHINE TYPISTS--	-	119.50	155.00	148.00	150.50	201.00	130.50	-	137.00	144.00	126.50	195.50	172.50	-	159.50	148.50
TYPISTS-----	142.00	129.00	135.00	135.50	161.50	153.00	125.50	136.50	132.00	130.50	128.00	151.50	155.00	156.50	156.50	141.00
CLASS A-----	148.50	-	167.00	170.50	185.00	177.00	147.50	162.50	156.50	144.00	136.50	168.00	174.00	166.50	167.00	159.50
CLASS J-----	-	118.50	127.50	127.00	153.00	141.50	117.50	129.00	123.50	124.50	118.50	141.00	143.50	146.50	147.50	130.00
FILE CLERKS-----	122.00	106.50	119.50	129.50	132.00	131.00	105.00	108.50	116.00	128.00	107.50	134.50	153.00	140.50	139.50	120.50
CLASS A-----	-	-	-	-	-	-	-	-	-	190.00	-	147.50	189.00	-	159.00	160.50
CLASS B-----	-	120.00	142.50	143.00	172.00	140.00	110.00	-	118.50	125.00	107.50	138.50	151.00	-	143.50	121.50
CLASS C-----	-	97.50	110.50	109.00	112.00	117.00	97.50	103.50	111.00	122.00	102.50	130.00	135.00	-	133.00	118.50
MESSENGERS-----	-	139.50	131.00	136.50	126.50	140.50	115.00	-	120.50	140.00	110.00	160.50	131.00	134.50	142.00	133.50
SWITCHBOARD OPERATORS-----	109.50	126.00	141.00	142.00	158.50	121.00	121.50	126.00	143.50	146.50	115.00	139.50	161.00	155.00	156.00	162.00
SWITCHBOARD OPERATOR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	138.50	135.00	133.50	137.50	150.00	143.00	131.00	125.50	141.00	138.50	126.00	156.50	152.50	140.00	163.50	149.00
ORDER CLERKS-----	-	161.50	143.00	172.00	164.50	151.00	141.00	119.00	156.00	150.50	134.00	180.50	194.50	157.00	192.50	176.00
CLASS A-----	-	-	-	182.00	179.50	-	-	-	172.00	172.50	-	-	212.00	178.00	221.50	216.50
CLASS B-----	-	147.50	137.50	169.00	158.50	-	138.50	118.00	149.50	127.00	124.00	-	177.50	138.00	174.50	157.50
ACCOUNTING CLERKS-----	149.00	148.50	155.00	182.00	167.00	181.50	152.00	144.50	164.50	159.50	144.50	173.00	196.00	176.00	181.50	164.50
CLASS A-----	176.50	163.50	185.00	199.00	193.00	201.50	174.50	172.00	193.00	179.00	157.00	192.00	218.50	218.00	204.50	191.50
CLASS B-----	132.00	140.50	142.50	167.00	151.50	165.00	139.50	131.00	152.50	146.00	140.00	158.00	170.00	150.50	165.00	148.00
BOOKKEEPING-MACHINE OPERATORS--	-	132.00	151.00	147.50	-	162.00	137.50	-	132.00	135.00	122.00	182.50	-	-	168.00	-
CLASS A-----	-	-	134.50	-	-	177.00	151.50	-	-	155.00	-	-	-	-	171.50	-
CLASS B-----	-	129.50	159.50	141.00	-	150.50	129.50	-	126.00	122.00	118.50	161.00	151.00	-	164.50	-
MACHINE BILLERS-----	-	-	-	187.50	136.50	183.00	135.50	-	136.50	-	-	156.50	-	-	219.50	194.00
BILLING MACHINE-----	-	-	-	198.00	143.50	185.00	138.50	-	-	-	-	-	-	-	222.50	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	157.00	-	-	-	-
PAYROLL CLERKS-----	139.50	161.00	165.50	177.50	184.50	167.50	167.00	153.00	180.50	163.00	147.50	162.50	209.00	197.50	190.50	180.50
KEYPUNCH OPERATORS-----	133.50	133.50	160.50	161.00	151.50	165.00	135.50	119.00	154.00	151.50	136.00	154.00	184.50	167.00	175.50	157.00
CLASS A-----	139.00	138.00	169.00	172.00	151.00	178.50	157.00	138.00	166.00	153.50	150.50	163.00	209.50	195.00	187.50	159.00
CLASS B-----	130.00	132.00	157.00	155.00	151.50	157.50	130.50	-	146.00	149.50	129.50	148.50	160.00	151.00	166.00	156.00

See footnotes at end of B-series tables.

**Table A-1. Weekly earnings<sup>1</sup> of office workers, January through December 1977—all industries—Continued**

OCCUPATION AND GRADE	NORTH CENTRAL--CONTINUED															
	CLEVELAND <sup>2</sup>	COLUMBUS <sup>2</sup>	DAVENPORT- ROCK ISLAND- MCLINE <sup>2</sup>	DAYTON <sup>2</sup>	DETROIT <sup>2</sup>	GREEN BAY <sup>2</sup>	INDIAN- APOLIS <sup>2</sup>	KANSAS CITY <sup>2</sup>	MILWAUKEE <sup>2</sup>	MINNE- APOLIS- ST PAUL	OMAHA <sup>2</sup>	SAGINAW <sup>2</sup>	ST LOUIS	SCUTH BEND <sup>2</sup>	TCLEDD <sup>2</sup>	WICHITA <sup>2</sup>
	SEPTEMBER	OCTOBER	MAY	DECEMBER	MARCH	JULY	OCTOBER	SEPTEMBER	APRIL	JANUARY	OCTOBER	NOVEMBER	MARCH	AUGUST	MAY	APRIL
<b>ALL WORKERS</b>																
SECRETARIES-----	\$205.50	\$194.50	\$253.00	\$210.50	\$257.50	\$179.50	\$209.00	\$194.50	\$203.00	\$186.50	\$197.00	\$267.50	\$194.00	\$192.50	\$211.50	\$190.00
CLASS A-----	249.50	217.50	301.50	253.50	294.50	-	251.50	219.50	242.50	230.50	240.50	-	234.50	186.50	252.00	212.50
CLASS B-----	222.00	207.50	274.00	202.50	274.00	205.00	225.00	202.00	220.00	199.50	213.00	248.00	204.50	192.00	217.50	198.00
CLASS C-----	211.50	195.50	259.00	220.00	258.50	204.50	217.50	194.50	193.50	179.50	193.00	-	191.50	191.00	206.50	190.50
CLASS D-----	192.50	180.50	213.50	178.50	221.50	159.00	181.00	178.50	176.00	168.50	177.50	221.00	168.50	193.50	194.00	191.50
CLASS E-----	164.00	-	222.50	186.00	-	-	-	-	-	-	-	-	-	197.50	-	163.50
STENOGRAPHERS-----	196.00	185.00	207.50	192.00	213.50	185.50	186.00	188.00	169.50	167.50	195.50	212.50	178.50	168.50	185.50	178.50
GENERAL-----	188.50	164.00	207.00	180.00	191.00	183.50	165.00	175.50	164.00	169.50	165.00	189.00	170.00	161.50	192.00	176.00
SENIOR-----	203.50	195.00	208.00	203.00	224.00	190.50	207.50	199.50	173.50	167.00	212.50	231.00	187.50	-	183.00	181.00
TRANSCRIBING-MACHINE TYPISTS--	145.50	-	164.00	162.00	162.00	143.00	143.00	142.00	143.00	138.50	142.00	-	155.50	-	161.00	139.50
TYPISTS-----	155.00	141.50	185.00	134.50	168.00	160.50	136.00	139.50	147.00	136.50	142.00	153.50	146.50	156.50	154.00	135.50
CLASS A-----	172.50	159.50	215.50	164.00	197.00	-	157.00	154.50	159.50	146.50	149.00	183.50	172.00	156.50	162.00	153.50
CLASS B-----	146.00	129.00	158.00	124.50	145.50	143.00	123.50	128.00	134.50	129.50	133.00	138.50	135.00	157.00	150.50	129.50
FILE CLERKS-----	138.50	125.00	189.00	133.00	137.50	147.00	120.50	133.00	140.00	124.50	135.00	129.50	130.50	130.00	134.50	125.50
CLASS A-----	159.00	172.50	227.50	-	197.00	-	143.50	152.50	167.00	161.00	212.00	-	160.50	-	-	-
CLASS B-----	149.50	130.00	164.50	151.50	135.50	145.50	122.50	134.50	139.00	131.50	126.00	133.50	130.50	156.00	137.50	-
CLASS C-----	120.50	111.50	-	112.50	125.50	-	115.00	111.50	121.50	110.50	99.00	118.00	114.50	116.00	123.00	-
MESSENGERS-----	146.50	125.00	167.50	122.50	148.50	-	138.50	131.00	140.50	124.00	123.50	-	133.00	134.00	135.50	149.00
SWITCHBOARD OPERATORS-----	157.00	143.00	179.50	149.00	178.50	-	150.50	151.50	155.50	144.50	145.50	116.00	151.50	156.50	151.50	152.50
SWITCHBOARD OPERATOR--																
RECEPTIONISTS-----	145.50	137.50	145.00	140.50	160.00	141.50	149.00	151.50	147.50	140.00	143.50	199.50	152.50	145.00	152.50	135.00
ORDER CLERKS-----	184.00	160.00	186.50	142.50	185.00	186.50	168.00	179.00	170.00	174.50	163.50	147.50	187.00	168.00	163.00	186.50
CLASS A-----	203.50	-	208.00	-	250.00	-	-	177.00	-	-	169.00	-	204.00	-	-	214.50
CLASS B-----	167.00	-	-	138.50	164.00	-	-	179.00	-	-	158.50	137.50	175.50	157.00	-	169.50
ACCOUNTING CLERKS-----	178.50	164.00	193.00	164.50	192.50	180.50	158.50	179.00	174.00	166.50	175.00	188.00	171.00	166.50	180.50	170.00
CLASS A-----	209.00	194.00	230.00	198.00	233.50	214.50	180.50	212.00	194.50	194.50	193.50	222.50	207.00	179.50	208.50	201.00
CLASS B-----	157.50	147.00	160.50	142.00	165.00	162.50	144.50	150.50	160.50	147.00	156.00	138.50	148.50	159.50	160.50	151.00
BOOKKEEPING-MACHINE OPERATORS--	157.00	143.00	154.50	-	178.50	-	-	162.50	164.00	146.00	152.50	-	147.00	166.00	153.00	167.00
CLASS A-----	168.50	139.00	-	-	208.50	-	-	186.50	171.00	158.50	-	-	176.00	-	158.50	-
CLASS B-----	151.00	146.00	-	-	164.50	-	-	137.00	-	141.50	-	-	134.50	-	149.50	-
MACHINE BILLERS-----	165.50	-	-	145.50	197.50	-	252.00	219.00	164.50	173.00	143.50	-	145.50	-	176.00	-
BILLING MACHINE-----	-	-	-	-	202.50	-	-	222.50	165.00	188.00	136.50	-	143.50	-	186.00	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	146.50	-	-	-	-	-	-
PAYROLL CLERKS-----	191.50	177.00	207.00	166.50	204.50	202.00	177.50	195.50	187.00	186.00	191.50	169.50	178.00	184.00	181.50	163.00
KEYPUNCH OPERATORS-----	173.50	153.00	195.00	166.00	179.00	143.50	161.50	171.50	168.00	154.50	163.50	200.00	167.50	170.00	177.00	165.00
CLASS A-----	187.50	171.50	233.50	188.50	158.00	157.00	182.50	189.00	176.00	164.50	171.00	-	184.50	217.00	198.50	177.50
CLASS B-----	161.50	142.00	157.50	153.00	167.50	130.00	142.50	158.00	159.50	142.00	151.50	180.50	158.00	146.00	161.00	158.00

See footnotes at end of B-series tables.



Table A-1. Weekly earnings<sup>1</sup> of office workers, January through December 1977—all industries—Continued

OCCUPATION AND GRADE	WEST											
	ANAHEIM- SANTA ANA- GARDEN GROVE	BILLINGS	DENVER- BOULDER	FRESNO	LOS ANGELES- LONG BEACH <sup>2</sup>	PORTLAND <sup>2</sup>	SACRAMENTO <sup>2</sup>	SALT LAKE CITY-GGDEN	SAN DIEGO <sup>2</sup>	SAN FRAN- CISCO- OAKLAND <sup>2</sup>	SAN JCSE	SEATTLE- EVERETT <sup>2</sup>
	OCTOBER	JULY	DECEMBER	JUNE	OCTOBER	MAY	DECEMBER	NOVEMBER	NOVEMBER	MARCH	MARCH	JANUARY
<b>ALL WORKERS</b>												
SECRETARIES-----	\$222.00	\$161.00	\$213.00	\$189.00	\$229.00	\$210.00	\$229.50	\$193.50	\$215.00	\$217.00	\$217.50	\$211.50
CLASS A-----	264.00	-	240.00	-	275.00	249.50	-	207.00	257.50	256.50	259.50	234.00
CLASS B-----	245.00	-	220.50	187.50	252.00	246.50	230.00	207.00	238.00	230.50	247.00	238.50
CLASS C-----	228.50	171.50	218.00	196.00	229.00	215.00	215.00	210.00	215.50	210.00	217.00	210.00
CLASS J-----	193.00	162.00	202.50	173.50	206.00	195.00	227.00	168.00	209.50	203.50	201.00	206.50
CLASS E-----	-	-	173.50	-	-	169.00	188.50	-	186.50	-	-	196.50
STENOGRAPHERS-----	196.50	218.50	192.50	161.50	203.00	199.50	200.00	177.00	199.00	191.50	197.50	193.50
GENERAL-----	172.00	181.50	184.50	138.00	190.50	180.50	219.50	168.50	188.00	197.50	185.00	198.00
SENIOR-----	212.00	-	199.00	170.50	209.50	221.00	182.50	191.50	-	188.00	205.00	185.00
TRANSCRIBING-MACHINE TYPISTS--	140.50	-	168.50	-	174.50	160.50	-	150.00	-	160.00	-	157.50
TYPISTS-----	143.50	129.00	155.50	130.50	160.00	139.00	173.50	139.00	142.00	160.00	185.50	154.00
CLASS A-----	162.00	-	163.50	150.50	181.00	172.50	178.50	171.00	177.50	166.50	197.50	174.50
CLASS B-----	135.50	-	134.50	124.00	147.00	131.00	164.00	129.00	116.00	150.00	159.00	142.50
FILE CLERKS-----	133.00	-	132.50	118.50	142.00	124.00	132.50	117.50	-	142.50	148.00	166.00
CLASS A-----	-	-	176.50	-	174.00	-	-	-	-	178.50	-	-
CLASS B-----	144.00	112.00	129.00	109.50	155.50	140.50	-	121.50	159.00	146.50	153.00	147.00
CLASS C-----	123.00	-	110.50	-	130.50	110.00	-	108.50	-	122.50	132.00	131.50
MESSENGERS-----	148.50	-	135.50	-	145.00	133.50	-	119.00	124.50	147.50	163.00	142.50
SWITCHBOARD OPERATORS-----	179.50	122.50	159.50	157.00	167.00	155.00	150.00	138.00	142.50	165.50	169.50	158.50
SWITCHBOARD OPERATOR--												
RECEPTIONISTS-----	157.00	135.00	155.00	151.00	165.00	148.00	168.50	147.50	142.00	169.00	153.00	155.50
ORDER CLERKS-----	189.50	-	169.50	-	199.50	199.00	200.00	179.50	140.50	210.50	206.50	196.00
CLASS A-----	-	-	183.50	-	-	225.50	-	-	-	-	-	229.50
CLASS B-----	-	-	162.50	-	-	168.50	199.00	-	137.50	-	-	170.50
ACCOUNTING CLERKS-----	184.50	166.50	174.50	156.00	185.00	191.50	186.50	157.00	152.00	201.50	176.50	176.00
CLASS A-----	199.50	192.00	193.00	176.50	199.00	223.00	195.00	180.50	166.50	213.00	188.50	196.50
CLASS B-----	171.50	150.00	157.00	143.50	172.00	172.50	177.00	140.50	142.50	188.50	162.00	156.50
BOOKKEEPING-MACHINE OPERATORS--	-	138.00	-	-	217.00	174.50	-	148.00	-	185.00	-	170.50
CLASS A-----	-	-	-	-	229.00	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	202.50	-	-	-	-	179.50	-	153.00
MACHINE BILLERS-----	-	-	245.50	-	240.50	224.50	-	141.50	-	216.00	-	177.00
BILLING MACHINE-----	-	-	252.00	-	262.00	243.50	-	148.50	-	216.50	-	177.50
BOOKKEEPING MACHINE-----	-	-	-	-	195.50	-	-	-	-	-	-	-
PAYROLL CLERKS-----	196.00	164.50	189.50	151.50	218.50	195.00	210.00	180.50	166.50	210.00	207.50	189.50
KEYPUNCH OPERATORS-----	194.50	136.50	176.50	151.50	186.50	171.00	187.50	162.00	173.00	195.00	188.50	167.00
CLASS A-----	208.50	141.50	193.00	163.50	193.50	190.50	202.50	183.00	181.50	206.50	200.00	182.00
CLASS B-----	175.00	133.50	164.50	148.00	180.00	159.00	163.50	155.50	168.00	193.50	180.50	157.50

See footnotes at end of B-series tables.

**Table A-2. Weekly earnings of office workers, January through December 1977—manufacturing**

OCCUPATION AND GRADE	NORTHEAST														
	ALBANY- SCHENECTADY- TROY	BOSTON	BUFFALO	HARTFORD	NASSAU- SUFFOLK	NEWARK	NEW YORK	NORTHEAST PENNSYL- VANIA	PATERSON- CLINTON- PASSAIC	PHILA- DELPHIA	PITTSBURGH	PORTLAND	PCUGH- KEEPSIE	PROVIDENCE- WARWICK- PAWTUCKET	TRENTON
	SEPTEMBER	AUGUST	OCTOBER	MARCH	JUNE	JANUARY	MAY	AUGUST	JUNE	NOVEMBER	JANUARY	DECEMBER	JUNE	JUNE	SEPTEMBER
<b>ALL WORKERS</b>															
SECRETARIES-----	-	\$210.50	\$215.50	\$198.00	\$193.00	\$203.00	\$222.50	\$179.50	\$203.50	\$219.50	\$226.00	\$186.50	-	\$173.50	\$203.50
CLASS A-----	-	254.50	258.00	237.50	241.00	243.00	276.00	-	254.50	246.50	264.50	-	-	-	-
CLASS B-----	-	230.50	233.00	225.00	215.00	240.00	241.50	201.50	224.50	233.00	249.50	-	-	193.00	230.50
CLASS C-----	-	209.50	227.50	196.00	201.50	214.00	221.50	186.00	207.00	223.00	225.50	200.00	-	169.00	205.50
CLASS J-----	\$193.00	189.50	192.50	-	167.50	183.50	186.00	172.00	185.00	196.00	200.00	173.50	-	168.50	183.50
CLASS E-----	-	-	-	-	-	-	-	159.00	-	-	-	-	-	141.00	-
STENOGRAPHERS-----	-	184.50	193.50	187.50	164.00	186.00	197.00	166.00	182.50	185.50	177.00	-	\$170.00	156.50	182.00
GENERAL-----	179.00	193.00	180.00	184.50	-	164.50	181.00	146.50	174.50	180.50	175.50	-	166.00	-	175.50
SENIOR-----	-	186.50	210.50	191.00	166.50	199.50	206.00	-	188.00	150.50	178.00	-	-	-	194.00
TRANSCRIBING-MACHINE TYPISTS--	-	-	-	-	-	-	152.50	-	-	170.00	-	-	-	-	161.50
TYPISTS-----	182.00	148.50	166.00	-	147.50	147.00	154.50	142.50	155.00	159.00	152.50	-	179.50	135.00	146.50
CLASS A-----	-	154.50	192.00	-	162.50	156.00	188.00	153.00	173.50	174.50	170.50	-	-	-	-
CLASS B-----	146.00	141.00	152.50	-	141.50	143.00	138.50	136.50	147.50	145.50	143.00	-	-	131.00	141.00
CLASS C-----	179.00	136.00	-	-	114.50	144.50	145.50	-	131.50	157.50	164.50	-	-	128.00	170.00
CLASS A-----	-	-	-	-	-	-	181.50	-	-	206.00	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	145.50	-	-	155.50	159.00	-	-	-	-
CLASS C-----	-	129.00	-	-	-	123.50	135.50	-	125.50	134.50	-	-	-	-	-
MESSENGERS-----	166.00	149.00	-	158.50	125.00	147.50	137.00	-	-	143.00	156.50	-	-	134.00	-
SWITCHBOARD OPERATORS-----	-	175.50	-	170.00	-	174.50	181.00	-	-	189.00	212.50	-	-	-	-
SWITCHBOARD OPERATOR--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	154.00	160.00	163.00	155.50	142.50	157.00	159.50	136.50	150.00	161.50	151.50	141.00	-	141.50	160.00
ORDER CLERKS-----	186.50	170.50	197.50	166.00	140.00	172.50	160.00	146.00	-	192.00	202.00	-	-	155.00	-
CLASS A-----	-	-	-	-	-	-	-	-	-	229.00	254.50	-	-	178.00	-
CLASS B-----	-	-	-	-	-	-	-	146.00	-	170.00	156.00	-	-	130.50	-
ACCOUNTING CLERKS-----	182.50	175.00	216.50	164.00	163.00	171.50	179.50	145.00	181.50	157.50	207.50	167.00	190.00	153.00	183.50
CLASS A-----	198.50	198.50	251.50	184.50	182.00	185.00	196.00	167.50	204.00	211.00	258.00	190.00	214.00	174.00	197.50
CLASS B-----	167.00	158.50	176.00	149.00	145.00	157.50	162.50	136.00	162.50	186.50	171.50	156.00	-	142.00	162.00
BOOKKEEPING-MACHINE OPERATORS--	-	170.50	-	-	-	-	167.50	-	-	172.00	143.50	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	184.00	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	164.00	-	-	159.50	139.50	-	-	-	-
MACHINE BILLERS-----	-	148.50	-	-	-	-	154.50	-	-	-	145.50	-	-	-	-
BILLING MACHINE-----	-	136.00	-	-	-	-	-	-	-	-	136.00	-	-	-	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	-	180.00	249.50	176.00	143.00	168.00	200.00	138.50	-	190.00	189.50	143.00	-	150.00	197.00
KEYPUNCH OPERATORS-----	186.50	166.50	198.50	156.00	156.00	173.50	171.50	140.00	170.50	173.50	191.50	150.00	185.50	141.00	170.00
CLASS A-----	-	171.50	218.00	165.00	181.00	181.00	187.00	167.50	180.50	187.00	196.50	161.50	195.50	155.50	184.50
CLASS B-----	169.50	145.00	165.00	142.00	142.00	167.50	160.00	130.50	145.00	156.50	189.50	136.00	-	137.00	150.50

**Table A-2. Weekly earnings of office workers, January through December 1977—manufacturing—Continued**

OCCUPATION AND GRADE	NORTHEAST--CONTINUED			SOUTH										
	UTICA-ROCHE	WORCESTER	YORK	ATLANTA	BALTIMORE	BIRMINGHAM	CHATTANOOGA	CHARLOTTE	DALLAS-FORT WORTH	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	GREENVILLE-SPARTANBURG	HOUSTON
	JULY	APRIL	FEBRUARY	MAY	AUGUST	MARCH	SEPTEMBER	JULY	OCTOBER	AUGUST	SEPTEMBER	AUGUST	JUNE	AUGUST
<b>ALL WORKERS</b>														
SECRETARIES-----	\$198.00	\$194.00	\$179.50	\$206.00	\$216.00	\$204.50	\$183.00	\$207.50	\$204.00	\$194.00	\$212.50	\$200.50	\$166.00	\$221.00
CLASS A-----	-	-	220.50	231.00	227.50	-	189.00	-	222.50	-	-	242.00	212.00	261.00
CLASS B-----	235.00	210.50	191.50	214.50	220.50	213.50	195.50	-	211.00	-	-	217.00	183.50	228.00
CLASS C-----	210.00	190.50	180.00	199.00	229.50	201.00	196.00	231.00	202.50	212.00	-	195.50	162.50	236.00
CLASS D-----	168.00	171.50	157.50	200.50	199.00	193.00	163.00	221.00	194.00	181.00	-	161.00	157.50	223.50
CLASS E-----	-	-	-	-	-	-	-	173.50	-	-	-	167.50	-	188.00
STENOGRAPHERS-----	190.00	169.00	148.50	220.50	159.00	165.00	170.50	178.50	205.50	-	-	184.00	165.50	215.50
GENERAL-----	186.50	165.00	140.50	167.50	218.00	165.00	149.00	-	192.00	-	-	181.50	-	205.50
SENIOR-----	-	179.50	157.00	-	173.00	-	192.00	-	-	-	-	187.00	170.00	225.50
TRANSCRIBING-MACHINE TYPISTS--	-	-	-	-	-	152.00	-	-	134.50	-	-	-	-	-
TYPISTS-----	146.50	144.50	134.50	163.50	183.00	124.50	152.00	-	144.50	-	-	169.00	132.00	153.00
CLASS A-----	-	150.00	141.50	170.00	187.50	-	-	-	153.50	-	-	191.00	-	177.00
CLASS B-----	142.00	-	129.00	-	174.00	-	152.50	-	133.50	-	-	154.00	130.50	140.00
FILE CLERKS-----	-	128.50	-	-	155.00	124.50	-	-	121.50	-	-	137.50	-	141.50
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	118.50	-	-	-	-	-
CLASS C-----	-	121.00	-	-	128.00	115.00	-	-	112.50	-	-	111.50	-	119.50
MESSENGRS-----	-	129.00	-	-	149.00	-	-	-	137.50	-	-	142.50	-	153.00
SWITCHBOARD OPERATORS-----	-	-	-	-	-	-	-	-	165.50	-	-	162.00	153.50	167.50
SWITCHBOARD OPERATOR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	147.00	131.00	138.50	160.50	153.50	151.00	141.50	140.50	147.00	-	141.00	135.50	140.00	160.00
ORDER CLERKS-----	138.50	168.00	156.50	-	160.50	144.00	165.50	-	155.00	-	-	149.00	131.00	200.00
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	223.50
CLASS B-----	132.50	-	-	-	-	139.00	-	-	-	-	-	146.00	-	160.50
ACCOUNTING CLERKS-----	175.00	174.00	160.00	183.50	206.00	183.50	163.50	178.00	169.00	156.50	149.50	176.00	147.50	184.00
CLASS A-----	199.50	186.50	178.00	211.50	231.00	240.50	183.00	203.00	191.00	179.50	163.50	192.50	164.50	211.00
CLASS B-----	156.00	150.00	146.50	169.50	176.00	153.50	147.00	142.00	149.50	143.50	-	163.00	140.00	160.00
BOOKKEEPING-MACHINE OPERATORS-----	-	-	170.50	-	159.00	-	-	-	-	-	-	164.00	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	158.00	-	-	-	-	-	-	-	-	-	-	-
MACHINE BILLERS-----	-	166.00	-	-	-	-	-	-	-	-	-	150.50	-	-
BILLING MACHINE-----	-	171.50	-	-	-	-	-	-	-	-	-	151.00	-	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	151.00	170.00	147.50	169.50	237.50	175.50	181.00	-	167.00	-	-	155.50	151.50	196.50
KEYPUNCH OPERATORS-----	167.50	159.00	147.50	175.00	189.00	176.50	157.00	189.50	169.50	-	156.00	150.50	139.00	174.50
CLASS A-----	165.50	165.00	189.50	185.00	224.00	175.00	172.00	-	189.00	-	-	186.50	155.00	191.50
CLASS B-----	163.00	146.50	127.00	165.50	167.50	177.00	153.00	-	146.50	-	156.00	146.00	136.50	161.50

**Table A-2. Weekly earnings of office workers, January through December 1977—manufacturing—Continued**

OCCUPATION AND GRADE	SOUTH--CONTINUED												NORTH CENTRAL			
	HUNTS-VILLE	JACKSON	JACKSON-VILLE	LOUIS-VILLE	MEMPHIS	MIAMI	NEW ORLEANS	NCRFLK-VIRGINIA BEACH-PORTSMOUTH	KLAHMA CITY	RICHMOND	SAN ANTONIO	WASHINGTON	AKRON	CANTON	CHICAGO	CINCINNATI
	FEBRUARY	JANUARY	DECEMBER	NOVEMBER	NOVEMBER	OCTOBER	JANUARY	MAY	AUGUST	JUNE	MAY	MARCH	DECEMBER	MAY	MAY	JULY
<b>ALL WORKERS</b>																
SECRETARIES-----	\$195.00	\$171.50	\$199.00	\$212.50	\$207.00	\$195.00	\$193.50	\$182.50	\$187.00	\$192.50	\$165.50	\$224.50	\$227.00	\$200.50	\$210.00	\$207.00
CLASS A-----	-	-	-	218.00	-	-	-	-	229.00	-	-	-	275.00	-	261.00	260.00
CLASS B-----	-	-	-	240.50	229.50	218.00	-	180.00	195.50	210.00	198.50	239.50	246.50	216.00	229.50	217.50
CLASS C-----	214.50	-	205.50	194.50	212.00	193.00	200.00	151.00	187.00	186.00	176.50	227.00	215.50	212.50	186.00	214.50
CLASS D-----	-	-	194.00	216.50	182.00	181.50	-	170.00	172.00	183.50	151.50	187.00	185.50	181.50	153.50	150.00
CLASS E-----	-	-	-	198.00	-	-	173.00	-	166.50	-	145.00	-	-	-	180.00	183.50
STENOGRAPHERS-----	-	156.50	167.50	194.50	185.00	170.00	168.00	-	162.00	156.50	-	-	192.50	163.00	205.00	176.00
GENERAL-----	-	160.00	-	180.00	176.50	170.00	156.50	-	145.50	-	-	-	162.50	171.00	184.00	163.00
SENIOR-----	-	-	-	205.00	198.00	-	-	-	175.50	-	-	-	-	160.00	215.00	197.50
TRANSCRIBING-MACHINE TYPISTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	168.00	170.00
TYPISTS-----	122.50	127.50	-	143.50	141.00	141.00	145.50	-	151.50	142.00	139.50	158.00	161.00	149.00	162.50	151.00
CLASS A-----	-	-	-	174.50	-	-	-	-	-	154.50	-	-	174.00	-	176.50	165.50
CLASS B-----	-	-	-	125.00	138.00	141.00	-	-	-	133.00	-	-	151.00	135.00	152.00	137.50
FILE CLERKS-----	-	-	-	-	-	-	-	-	-	144.50	-	129.50	167.50	-	146.00	127.00
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	192.00	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	161.00	-	141.00	136.00
CLASS C-----	-	-	-	-	-	-	-	-	-	140.50	-	-	-	-	146.50	-
MESSENGRS-----	-	-	-	144.50	-	-	-	-	-	-	-	-	129.00	-	147.50	141.50
SWITCHBOARD OPERATORS-----	-	-	-	179.50	-	-	-	-	-	-	-	-	-	-	171.00	-
SWITCHBOARD OPERATOR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	-	144.00	145.00	146.50	166.50	144.00	148.50	141.50	140.50	151.00	124.50	158.50	153.50	135.50	163.00	151.50
JRWR CLERKS-----	-	186.50	153.50	179.00	158.50	158.00	-	-	180.50	156.50	151.50	-	196.50	-	186.50	167.00
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	210.00	198.50
CLASS B-----	-	172.00	-	166.50	158.00	-	-	-	-	150.00	130.50	-	196.00	-	170.50	156.50
ACCOUNTING CLERKS-----	153.50	152.00	164.00	183.50	184.00	160.00	163.50	148.00	165.00	171.50	140.00	197.50	208.00	203.00	186.00	174.50
CLASS A-----	204.00	174.50	180.50	203.00	213.00	174.00	188.00	186.00	188.00	198.50	159.50	214.00	228.50	234.50	206.00	197.50
CLASS B-----	133.00	137.00	152.00	147.50	166.50	145.00	145.50	122.50	146.00	155.00	130.50	182.00	175.50	173.00	165.50	155.50
BOOKKEEPING-MACHINE OPERATORS-----	-	-	164.50	147.50	-	184.00	-	-	141.50	152.50	-	-	-	-	182.50	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE BILLERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180.50	-
BILLING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	178.00	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	137.50	-	170.00	178.00	197.50	156.00	164.00	155.00	182.50	158.00	152.00	-	201.50	207.00	190.50	183.50
KEYPUNCH OPERATORS-----	149.00	133.50	162.50	176.00	168.50	156.50	152.50	151.00	145.00	155.50	143.00	179.50	193.50	177.00	178.50	159.00
CLASS A-----	-	-	185.50	179.50	196.00	157.50	-	-	164.50	162.50	-	189.50	204.00	195.00	187.00	169.50
CLASS B-----	151.00	-	152.00	173.00	157.00	156.00	140.50	-	141.00	144.00	140.50	165.00	171.00	165.00	171.50	154.50

**Table A-2. Weekly earnings of office workers, January through December 1977—manufacturing—Continued**

OCCUPATION AND GRADE	NORTH CENTRAL--CONTINUED															
	CLEVELAND	COLUMBUS	DAVENPORT- ROCK ISLAND- MOLINE	DAYTON	DETROIT	GREEN BAY	INDIAN- APOLIS	KANSAS CITY	MILWAUKEE	MINNE- APOLIS- ST PAUL	OMAHA	SAGINAW	ST LOUIS	SCUTH BEND	TOLEDO	WICHITA
	SEPTEMBER	OCTOBER	MAY	DECEMBER	MARCH	JULY	OCTOBER	SEPTEMBER	APRIL	JANUARY	OCTOBER	NOVEMBER	MARCH	AUGUST	MAY	APRIL
<b>ALL WORKERS</b>																
SECRETARIES-----	\$221.00	\$206.50	\$267.50	\$220.00	\$285.00	\$203.00	\$238.00	\$203.00	\$207.00	\$185.00	\$202.00	-	\$202.50	\$202.00	\$222.00	\$197.00
CLASS A-----	259.00	213.50	-	266.50	318.00	-	270.00	222.00	250.00	228.00	-	-	237.00	-	254.50	209.50
CLASS B-----	237.50	215.00	-	211.00	307.00	209.50	258.00	220.00	215.50	204.00	211.00	-	220.50	211.00	228.50	210.00
CLASS C-----	222.50	203.00	-	225.50	285.50	207.00	248.50	206.50	198.00	178.00	208.50	-	200.00	212.00	211.00	194.00
CLASS D-----	210.00	203.00	218.00	182.00	241.50	199.00	201.00	177.00	173.00	167.50	183.50	-	175.00	196.00	214.50	203.00
CLASS E-----	176.50	-	235.00	179.00	-	-	-	-	-	-	-	-	-	200.50	-	162.50
STENOGRAPHERS-----	196.00	182.50	220.00	192.00	227.00	190.50	196.50	185.50	165.00	156.00	196.50	-	183.00	160.00	183.00	178.50
GENERAL-----	196.00	152.50	215.00	169.50	157.00	-	152.00	172.50	152.50	145.00	-	-	178.00	156.00	194.50	-
SENIOR-----	156.00	151.50	230.50	209.00	234.00	184.00	224.00	196.00	172.50	158.50	204.50	-	188.50	-	179.50	183.50
TRANSCRIBING-MACHINE TYPISTS-----	161.00	-	-	168.50	-	-	-	156.00	158.00	142.50	-	-	149.50	-	-	-
TYPISTS-----	162.50	162.00	196.50	140.50	200.50	171.00	148.00	145.00	153.50	138.00	160.00	\$177.00	164.00	152.50	179.00	150.50
CLASS A-----	178.00	172.50	221.50	169.00	221.00	-	167.50	155.00	166.00	147.50	-	-	188.50	161.50	201.50	165.00
CLASS B-----	149.00	150.00	167.50	127.00	174.00	-	128.00	137.50	138.00	125.50	-	-	149.00	139.50	169.00	146.00
FILE CLERKS-----	151.50	124.50	214.00	129.50	215.00	160.00	134.50	124.00	149.00	121.00	-	-	149.50	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	172.00	-	-	-	198.50	-	-	-
CLASS B-----	163.00	-	-	-	-	162.00	-	-	135.00	125.50	-	-	144.50	-	-	-
CLASS C-----	-	-	-	122.00	-	-	-	-	-	108.00	-	-	-	-	-	-
MESSENGERS-----	148.00	-	-	127.50	174.00	-	-	126.00	146.50	115.00	-	-	132.00	-	142.00	-
SWITCHBOARD OPERATOR-----	186.50	-	-	162.00	244.50	-	-	-	175.00	149.00	-	-	178.50	-	179.50	182.00
RECEPTIONISTS-----	151.00	139.00	158.50	133.50	170.00	144.50	151.00	146.50	151.50	143.00	152.00	187.50	152.50	138.50	161.00	141.00
TRUCK CLERKS-----	192.50	154.50	150.50	144.50	202.00	-	149.50	165.00	177.00	155.00	152.50	-	165.50	159.00	184.50	191.00
CLASS A-----	215.50	-	-	-	228.00	-	-	180.50	-	-	155.00	-	187.50	-	-	-
CLASS B-----	176.00	-	-	140.00	193.00	-	-	156.50	-	-	-	-	152.50	157.00	-	172.00
ACCOUNTING CLERKS-----	187.50	168.00	226.00	176.50	230.50	178.50	171.00	172.50	181.50	158.00	184.00	216.50	178.00	167.00	206.50	170.50
CLASS A-----	216.00	186.50	254.50	210.50	263.00	205.00	200.50	195.00	206.00	177.00	187.50	251.00	207.50	183.50	224.50	188.00
CLASS B-----	164.50	152.50	175.00	155.50	186.00	165.00	155.00	149.50	163.50	141.00	178.00	132.50	156.00	154.00	183.50	156.00
BOOKKEEPING-MACHINE OPERATORS-----	166.50	-	-	-	152.00	-	-	143.50	162.50	161.00	-	-	163.00	-	162.50	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	161.00	-	-	-	-	-	-	-	-	-	-	-	143.50	-	159.00	-
MACHINE BILLERS-----	180.50	-	-	-	-	-	-	-	-	152.00	-	-	-	-	-	-
BILLING MACHINE-----	-	-	-	-	-	-	-	-	-	151.50	-	-	-	-	-	-
PAYROLL CLERKS-----	197.00	178.00	215.50	168.00	221.50	197.50	190.50	187.00	189.00	177.00	190.00	167.50	176.00	179.00	191.50	187.50
KEYPUNCH OPERATORS-----	195.00	161.00	204.50	178.50	230.50	151.00	182.50	168.00	166.00	148.50	160.00	-	169.50	165.50	184.50	170.00
CLASS A-----	193.50	179.50	235.00	202.00	252.00	183.50	198.00	181.00	173.00	154.00	169.50	-	182.00	176.00	208.50	175.50
CLASS B-----	172.50	143.50	150.50	162.00	217.00	135.50	172.50	157.00	160.50	140.00	152.00	196.50	160.50	159.00	162.50	165.00

**Table A-2. Weekly earnings of office workers, January through December 1977—manufacturing—Continued**

OCCUPATION AND GRADE	WEST											
	ANAHEIM-SANTA ANA-GARDEN GROVE	BILLINGS	DENVER-BOULDER	FRESNO	LCS ANGELES-LUNG BEACH	PORTLAND	SACRAMENTO	SALT LAKE CITY-CGDEN	SAN DIEGO	SAN FRAN-CISCO-OAKLAND	SAN JOSE	SEATTLE-EVERETT
	OCTOBER	JULY	DECEMBER	JUNE	OCTOBER	MAY	DECEMBER	NOVEMBER	NOVEMBER	MARCH	MARCH	JANUARY
<b>ALL WORKERS</b>												
SECRETARIES-----	\$231.50	\$182.00	\$222.00	\$186.00	\$236.50	\$204.00	\$226.00	\$184.00	\$226.00	\$222.50	\$231.00	-
CLASS A-----	269.00	-	243.00	-	275.00	251.00	-	-	239.00	272.00	283.00	-
CLASS B-----	250.00	-	250.50	193.50	262.50	235.50	-	185.50	248.50	237.50	258.00	-
CLASS C-----	235.00	-	219.00	181.50	238.50	214.00	-	213.00	219.00	224.50	227.00	\$203.00
CLASS D-----	205.50	-	216.50	174.00	206.00	176.00	233.00	168.50	233.00	195.50	216.00	-
CLASS E-----	-	-	157.50	-	-	177.50	-	-	188.50	-	-	-
STENOGRAPHERS-----	201.00	-	211.50	-	222.50	-	224.50	170.00	203.00	203.50	212.50	-
GENERAL-----	174.00	-	-	-	197.00	-	-	-	-	189.50	-	-
SENIOR-----	222.50	-	-	-	233.50	-	-	-	-	217.00	-	-
TRANSCRIBING-MACHINE TYPISTS--	-	-	-	-	-	-	-	-	-	-	-	-
TYPISTS-----	170.50	-	155.00	-	181.00	150.50	-	151.00	163.50	168.00	220.00	155.00
CLASS A-----	206.50	-	159.50	-	200.50	-	-	178.00	198.50	183.50	-	-
CLASS B-----	159.00	-	-	-	167.00	138.00	-	133.50	131.50	147.50	168.00	146.50
FILE CLERKS-----	154.50	-	-	-	164.00	-	-	-	-	183.50	178.50	-
CLASS A-----	-	-	-	-	-	-	-	-	-	200.50	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	-
MESSENGERS-----	162.00	-	-	-	151.00	-	-	-	-	156.00	-	-
SWITCHBOARD OPERATORS-----	159.00	-	-	-	196.00	-	-	-	191.50	192.50	202.50	-
RECEPTIONISTS-----	155.50	-	154.00	157.00	161.00	150.00	-	144.00	149.50	178.00	155.50	159.50
ORDER CLERKS-----	177.00	-	168.50	-	189.00	181.50	237.50	155.00	139.50	205.00	198.50	180.50
CLASS A-----	-	-	186.50	-	-	203.00	-	-	-	-	-	-
CLASS B-----	-	-	143.50	-	-	155.50	-	-	-	-	-	176.00
ACCOUNTING CLERKS-----	179.50	215.50	189.00	171.50	184.00	180.00	229.00	160.00	163.50	205.50	174.50	187.50
CLASS A-----	194.50	-	202.50	192.00	195.50	201.50	237.50	179.00	174.00	219.50	138.50	223.50
CLASS B-----	162.50	-	166.00	132.50	168.00	159.00	210.00	145.00	154.00	197.00	152.00	166.50
BOOKKEEPING-MACHINE OPERATORS--	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE BILLERS-----	-	-	-	-	-	-	-	-	-	-	-	-
BILLING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	189.00	-	199.00	150.50	209.00	192.00	-	162.00	178.50	207.50	201.50	180.50
KEYPUNCH OPERATORS-----	194.50	152.00	178.50	144.50	196.50	168.00	194.50	147.50	182.50	195.00	198.00	176.50
CLASS A-----	209.00	-	187.50	-	204.50	175.00	-	-	196.00	205.50	205.00	-
CLASS B-----	167.00	-	169.50	136.50	187.50	163.00	-	143.50	159.50	179.50	186.50	162.50

**Table A-3. Weekly earnings of office workers, January through December 1977—nonmanufacturing**

OCCUPATION AND GRADE	NORTHEAST														
	ALBANY- SCHENECTADY- TROY	BOSTON	BUFFALO	HARTFORD	NASSAU- SUFFOLK	NEWARK	NEW YORK	NORTHEAST PENNSYL- VANIA	PATERSON- CLIFTON- PASSAIC	PHILA- DELPHIA	PITTSBURGH	PORTLAND	POUGH- KEEPSIE	PROVIDENCE- WARWICK- PANTUCKET	TRENTON
	SEPTEMBER	AUGUST	OCTOBER	MARCH	JUNE	JANUARY	MAY	AUGUST	JUNE	NOVEMBER	JANUARY	DECEMBER	JUNE	JUNE	SEPTEMBER
<b>ALL WORKERS</b>															
SECRETARIES-----	\$219.00	\$198.50	\$187.50	\$186.00	\$197.50	\$204.50	\$216.00	\$172.50	\$175.50	\$155.50	\$202.50	\$173.00	\$218.00	\$166.00	\$204.00
CLASS A-----	243.00	240.00	-	251.00	234.00	244.00	272.50	-	220.50	261.00	219.50	-	-	-	-
CLASS B-----	254.50	220.00	209.50	208.50	207.50	214.00	241.50	209.50	201.50	215.50	229.50	195.00	-	184.50	203.00
CLASS C-----	221.00	200.00	192.00	183.50	201.00	215.00	215.50	178.00	192.00	190.00	214.50	161.00	-	186.00	206.00
CLASS D-----	177.50	183.00	156.50	160.50	172.00	179.00	194.00	-	157.00	175.00	179.00	157.50	-	151.00	202.50
CLASS E-----	-	-	-	-	-	-	-	140.00	-	-	-	-	-	144.50	-
STENOGRAPHERS-----	182.00	183.50	164.50	148.00	165.50	182.00	182.50	157.50	168.50	170.50	173.50	155.50	-	142.00	179.00
GENERAL-----	171.50	179.00	161.50	140.00	143.50	172.00	165.50	-	172.50	168.00	173.00	131.50	-	137.00	-
SENIOR-----	189.50	187.50	168.00	159.00	186.50	192.50	189.00	-	-	175.00	173.50	-	-	-	175.50
TRANSCRIBING-MACHINE TYPISTS--	-	166.00	-	153.50	160.50	148.00	170.00	-	-	151.50	119.00	140.50	-	-	-
TYPISTS-----	143.00	150.50	140.00	129.50	133.50	145.00	153.50	127.00	131.50	135.50	135.50	119.50	-	131.00	143.00
CLASS A-----	186.50	165.50	145.00	138.00	159.50	152.00	169.00	-	-	155.00	164.50	-	-	-	-
CLASS B-----	130.50	138.50	137.50	123.50	125.50	140.50	146.00	119.50	130.00	125.50	124.50	118.00	-	130.50	135.00
FILE CLERKS-----	121.50	130.50	126.50	121.00	120.50	128.00	137.50	116.00	134.00	122.50	120.00	106.50	-	111.00	122.50
CLASS A-----	-	155.00	-	-	-	147.50	165.00	-	-	142.00	147.00	-	-	-	-
CLASS B-----	128.00	120.50	-	129.50	136.50	140.00	140.50	-	-	126.00	123.50	-	-	113.50	-
CLASS C-----	114.50	128.00	117.50	114.50	115.00	120.00	130.00	107.00	129.00	116.50	112.50	102.50	-	100.00	-
MESSENGRS-----	172.50	126.50	134.50	125.00	142.00	147.50	142.00	123.00	128.50	139.50	138.00	145.50	-	122.50	-
SWITCHBOARD OPERATORS-----	141.50	157.00	137.00	138.50	146.50	161.50	169.50	122.50	140.00	156.50	164.50	142.00	-	140.50	-
SWITCHBOARD OPERATOR- RECEPTIONISTS-----	140.00	156.00	144.00	148.50	145.50	153.50	166.00	140.00	143.50	152.50	134.00	130.50	-	126.00	-
ORDER CLERKS-----	-	184.50	167.50	168.50	141.50	154.50	133.00	-	150.50	164.00	174.50	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	199.00	204.50	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	152.50	166.50	-	-	-	-
ACCOUNTING CLERKS-----	182.00	165.50	165.00	138.50	173.50	184.50	193.50	135.00	183.00	166.00	157.00	182.50	186.00	153.00	200.50
CLASS A-----	212.50	193.00	186.50	164.50	194.50	210.00	211.50	165.50	200.50	184.00	198.50	202.00	-	177.50	-
CLASS B-----	168.00	151.50	151.00	127.50	158.00	172.00	178.50	127.50	175.50	155.00	139.50	171.50	-	142.00	204.00
BOOKKEEPING-MACHINE OPERATORS-----	149.00	153.00	-	-	-	137.00	171.50	107.50	-	144.00	137.00	146.50	-	-	-
CLASS A-----	-	-	-	-	-	-	188.50	-	-	165.00	-	-	-	-	-
CLASS B-----	-	134.50	-	-	-	132.00	158.00	107.50	-	124.00	130.50	-	-	-	-
MACHINE BILLERS-----	-	151.50	-	-	-	-	180.50	-	-	166.50	181.50	-	-	-	-
BILLING MACHINE-----	-	-	-	-	-	-	190.00	-	-	178.50	-	-	-	-	-
BOOKKEEPING MACHINE-----	-	150.50	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	-	180.50	-	167.00	-	184.50	198.50	141.50	-	166.50	195.50	196.00	-	155.00	-
KEYPUNCH OPERATORS-----	175.00	162.50	149.50	147.00	155.00	175.50	169.00	148.50	-	164.00	159.00	145.00	188.00	136.50	156.50
CLASS A-----	189.00	170.00	185.00	158.00	172.00	194.50	179.00	-	-	185.00	180.50	168.00	-	164.00	174.00
CLASS B-----	161.50	154.50	139.00	136.00	149.50	163.50	161.00	145.00	-	152.50	143.50	125.00	-	128.00	142.50

**Table A-3. Weekly earnings of office workers, January through December 1977—nonmanufacturing—Continued**

OCCUPATION AND GRADE	NORTHEAST--CONTINUED			SCUTH										
	UTICA- ROME	WORCESTER	YORK	ATLANTA	BALTIMORE	BIRMINGHAM	CHATTA- NOOGA	CORPUS CHRISTI	DALLAS- FORT WORTH	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	GREENVILLE- SPARTANBURG	HOUSTON
	JULY	APRIL	FEBRUARY	MAY	AUGUST	MARCH	SEPTEMBER	JULY	OCTOBER	AUGUST	SEPTEMBER	AUGUST	JUNE	AUGUST
<b>ALL WORKERS</b>														
SECRETARIES-----	\$162.00	\$182.00	\$159.50	\$201.50	\$191.50	\$179.00	\$165.50	\$174.50	\$192.00	\$161.00	\$166.50	\$177.50	\$170.50	\$213.50
CLASS A-----	-	-	-	245.50	208.50	197.00	-	-	232.50	-	-	-	-	249.00
CLASS B-----	-	190.00	176.50	216.00	204.50	181.00	174.00	217.00	203.00	-	-	186.00	183.50	242.00
CLASS C-----	-	193.50	158.00	203.50	184.50	189.50	-	183.00	194.00	-	163.50	175.00	173.50	223.00
CLASS D-----	-	161.00	-	181.50	172.50	168.00	152.50	156.50	176.00	-	166.00	156.50	155.00	156.50
CLASS E-----	-	-	-	-	-	-	-	160.00	-	-	-	-	-	188.00
TELEGRAPHERS-----	158.50	159.00	157.00	195.00	178.00	169.50	142.00	-	182.00	-	184.00	175.00	172.00	193.00
GENERAL-----	137.00	-	155.00	195.00	184.50	164.00	141.50	-	163.50	-	-	176.00	181.50	166.50
SENIOR-----	173.00	-	161.00	196.00	168.50	186.00	-	-	204.00	-	-	-	160.00	208.50
TRANSCRIBING-MACHINE TYPISTS--	-	-	-	163.50	155.00	122.50	-	-	142.50	-	-	138.50	131.00	157.00
TYPISTS-----	123.00	142.50	146.50	156.00	145.50	122.00	133.00	-	138.00	167.50	168.00	158.50	141.00	148.00
CLASS A-----	-	165.50	-	177.50	178.50	145.50	159.50	-	154.00	-	178.00	149.50	-	165.00
CLASS B-----	113.50	120.00	146.50	145.00	128.50	114.50	-	-	129.50	-	-	166.50	122.50	141.50
FILE CLERKS-----	108.00	114.00	120.50	129.50	131.00	113.50	110.00	-	120.00	-	-	121.00	121.00	128.00
CLASS A-----	-	-	-	163.50	172.00	147.00	-	-	170.50	-	-	-	-	194.50
CLASS B-----	-	-	-	138.50	136.50	126.00	-	-	127.50	-	-	121.50	-	137.00
CLASS C-----	102.00	112.00	-	118.00	116.00	104.00	110.50	-	112.00	-	-	120.00	113.00	117.50
MESSENGERS-----	104.00	118.50	-	153.00	137.00	130.50	105.00	-	124.00	-	-	134.50	-	121.00
SWITCHBOARD OPERATORS-----	-	163.00	-	148.00	152.00	128.00	123.00	113.00	137.50	118.00	-	131.00	125.50	143.50
SWITCHBOARD OPERATOR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	132.00	137.00	-	156.50	142.50	137.50	134.50	115.00	149.50	117.50	118.50	137.50	131.00	146.50
TRUCK CLERKS-----	-	-	-	164.50	165.00	156.00	-	-	162.00	-	-	-	-	163.00
CLASS A-----	-	-	-	-	-	202.00	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	146.50	-	-	-	-	-	-	-	145.50
ACCOUNTING CLERKS-----	143.50	174.00	131.00	174.00	181.00	148.00	142.50	129.50	161.00	139.50	140.00	156.00	135.50	172.00
CLASS A-----	161.00	199.00	154.00	195.00	214.50	177.50	165.00	162.50	201.00	176.00	162.00	175.50	153.50	193.50
CLASS B-----	136.00	148.00	122.50	162.00	155.50	140.00	132.50	123.00	142.50	120.00	130.00	151.00	129.00	158.00
BOOKKEEPING-MACHINE OPERATORS-----	-	-	-	157.00	145.50	134.00	121.00	-	132.50	-	-	-	-	155.00
CLASS A-----	-	-	-	160.00	-	148.50	-	-	154.00	-	-	-	-	-
CLASS B-----	-	-	-	-	139.00	117.50	120.00	-	122.00	-	-	-	-	-
MACHINE BILLERS-----	-	-	-	127.00	-	148.00	-	-	151.00	-	-	-	-	-
BILLING MACHINE-----	-	-	-	-	-	148.00	-	-	139.50	-	-	-	-	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	-	178.00	-	187.00	167.00	169.50	158.50	-	193.00	-	-	185.50	150.50	177.00
KEYPUNCH OPERATORS-----	126.00	150.50	119.50	172.00	158.50	136.50	128.00	132.00	158.50	-	139.50	168.50	139.00	163.50
CLASS A-----	145.00	164.50	143.00	177.50	174.50	144.50	140.00	-	170.00	-	151.00	219.00	139.00	183.00
CLASS B-----	122.00	129.00	-	166.50	152.50	134.00	124.00	131.00	146.50	-	-	142.50	139.00	156.50



**Table A-3. Weekly earnings of office workers, January through December 1977—nonmanufacturing—Continued**

OCCUPATION AND GRADE	SOUTH--CONTINUED												NORTH CENTRAL			
	HUNTSVILLE	JACKSON	JACKSON-VILLE	LOUISVILLE	MEMPHIS	MIAMI	NEW ORLEANS	NOFOLK-VIRGINIA BEACH-PORTSMOUTH	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	WASHINGTON	AKRON	CANTON	CHICAGO	CINCINNATI
	FEBRUARY	JANUARY	DECEMBER	NOVEMBER	NOVEMBER	OCTOBER	JANUARY	MAY	AUGUST	JUNE	MAY	MARCH	DECEMBER	MAY	MAY	JULY
<b>ALL WORKERS</b>																
SECRETARIES-----	\$190.50	\$166.00	\$190.00	\$187.50	\$168.50	\$198.00	\$172.50	\$166.50	\$185.00	\$176.00	\$159.50	\$211.00	\$200.00	\$167.00	\$211.00	\$189.00
CLASS A-----	-	182.00	208.00	195.50	215.00	238.50	214.00	-	219.50	202.50	-	250.50	244.00	-	252.50	227.50
CLASS B-----	202.50	187.00	206.50	185.00	187.50	208.00	188.00	164.50	196.00	185.00	173.00	232.50	210.50	-	220.50	199.00
CLASS C-----	213.50	180.50	193.00	194.00	164.00	187.50	180.00	162.50	196.00	183.50	176.00	214.50	204.50	184.50	211.50	181.00
CLASS D-----	179.00	167.00	168.00	202.00	191.00	172.00	169.50	165.00	178.00	175.00	159.50	197.00	178.00	169.50	193.00	163.00
CLASS E-----	-	135.50	-	-	-	-	152.00	-	156.50	145.50	132.50	-	-	-	183.50	-
STENOGRAPHERS-----	182.00	160.50	214.50	175.50	179.00	159.00	164.00	157.00	174.50	173.00	163.00	204.50	178.00	186.50	157.50	184.00
GENERAL-----	-	161.50	216.00	190.50	187.50	186.00	157.50	153.00	157.50	173.00	136.00	188.50	168.00	186.50	194.00	187.00
SENIOR-----	186.00	153.00	210.00	158.00	173.50	206.00	179.50	165.00	194.00	173.50	-	207.00	189.00	-	198.00	180.00
TRANSCRIBING-MACHINE TYPISTS--	-	119.50	154.00	138.00	146.00	-	130.50	-	-	140.00	125.00	156.50	-	-	156.00	137.50
TYPISTS-----	151.00	129.50	134.00	134.00	171.00	154.50	123.50	131.50	129.00	128.50	126.00	151.00	147.50	-	152.50	134.00
CLASS A-----	162.50	-	167.00	169.00	190.00	180.50	146.50	-	155.50	142.00	135.00	167.50	173.50	-	161.50	152.00
CLASS B-----	-	117.00	126.00	127.50	162.00	141.50	116.00	129.50	122.00	123.50	116.50	140.50	136.50	-	145.50	126.50
FILE CLERKS-----	-	106.50	119.50	128.50	127.50	132.00	104.50	106.50	116.00	125.50	107.50	134.50	147.00	140.50	138.00	119.00
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	148.00	-	-	157.50	163.00
CLASS B-----	-	119.50	142.50	144.50	180.00	140.50	109.00	-	119.50	124.50	107.50	140.00	147.50	-	144.50	119.00
CLASS C-----	-	97.50	110.00	107.00	110.50	116.00	97.50	104.00	111.00	117.50	102.50	129.50	134.00	-	129.50	119.00
MESSENGERS-----	-	139.50	130.50	134.00	125.50	141.50	114.50	-	117.50	142.00	109.50	161.00	-	-	140.00	131.00
SWITCHBOARD OPERATORS-----	-	123.00	140.50	128.50	144.00	120.00	119.50	124.50	140.50	140.50	113.00	137.50	150.00	-	152.00	153.50
RECEPTIONISTS-----	124.00	132.50	129.00	132.50	144.00	142.50	127.50	121.00	141.00	132.50	126.00	156.50	152.00	-	164.00	146.50
ORDER CLERKS-----	-	-	140.50	169.50	168.00	149.50	139.00	117.00	150.50	148.00	127.00	177.50	192.00	-	199.50	187.50
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	215.50	-	-	238.50	-
CLASS B-----	-	-	139.00	-	159.00	-	136.00	-	145.00	108.50	123.00	-	-	-	179.50	158.50
ACCOUNTING CLERKS-----	142.50	148.00	153.00	181.00	159.50	185.50	150.50	143.50	164.50	155.50	145.50	171.00	180.00	139.00	179.00	155.50
CLASS A-----	154.00	160.50	187.00	195.50	184.00	207.00	172.00	164.50	195.50	173.00	156.50	189.50	199.00	168.50	204.00	183.50
CLASS B-----	131.00	141.00	140.50	173.00	145.50	168.00	138.50	134.00	153.50	143.00	142.00	156.00	164.50	130.50	162.50	142.50
BOOKKEEPING-MACHINE OPERATORS--	-	134.00	143.00	-	-	152.50	134.50	-	129.00	126.50	122.00	181.50	-	-	161.50	-
CLASS A-----	-	-	-	-	-	166.50	147.50	-	-	-	-	-	-	-	162.00	-
CLASS B-----	-	-	155.50	-	-	142.50	126.00	-	125.50	114.50	-	159.00	-	-	161.50	-
MACHINE BILLERS-----	-	-	-	-	137.00	-	135.00	-	-	-	-	155.00	-	-	235.50	-
BILLING MACHINE-----	-	-	-	-	-	-	138.00	-	-	-	-	-	-	-	242.00	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	-	164.00	163.50	177.50	177.50	171.00	168.00	-	179.50	166.00	142.00	160.50	220.00	-	150.50	173.50
KEYPUNCH OPERATORS-----	127.00	133.50	160.50	153.00	147.50	166.50	133.50	-	155.50	150.00	135.00	152.50	175.00	152.00	173.50	155.50
CLASS A-----	139.00	137.50	167.50	166.00	-	181.50	150.50	130.50	166.50	150.50	150.50	161.00	223.50	195.00	188.00	153.00
CLASS B-----	117.50	132.00	157.50	147.50	150.00	158.00	129.50	-	148.00	150.00	128.00	147.50	154.50	132.00	162.50	157.50

**Table A-3. Weekly earnings of office workers, January through December 1977—nonmanufacturing—Continued**

OCCUPATION AND GRADE	NCRTH CENTRAL--CONTINUED															
	CLEVELAND	COLUMBUS	DAVENPORT-ROCK ISLAND-MCLINE	DAYTON	DETROIT	GREEN BAY	INDIAN-APOLIS	KANSAS CITY	MILWAUKEE	MINNEAPOLIS-ST PALL	OMAHA	SAGINAW	ST LOUIS	SCUTH BENO	CLEDO	WICHITA
	SEPTEMBER	OCTOBER	MAY	DECEMBER	MARCH	JULY	OCTOBER	SEPTEMBER	APRIL	JANUARY	OCTOBER	NOVEMBER	MARCH	AUGUST	MAY	APRIL
<b>ALL WORKERS</b>																
SECRETARIES-----	\$189.00	\$188.00	\$219.00	\$185.50	\$226.50	\$164.50	\$182.50	\$191.50	\$195.00	\$188.00	\$195.00	\$211.50	\$185.50	\$170.00	\$175.50	\$178.50
CLASS A-----	228.50	220.50	-	208.00	261.00	-	233.00	219.00	221.00	232.00	249.00	-	231.50	-	-	-
CLASS B-----	206.00	203.50	203.00	181.50	235.00	-	198.50	157.00	221.00	195.50	214.00	-	191.00	169.50	180.00	178.00
CLASS C-----	200.00	189.50	236.50	188.00	226.50	201.50	179.00	189.50	186.00	192.00	187.00	-	182.50	166.00	186.00	183.00
CLASS D-----	175.00	172.50	-	174.00	202.00	148.50	167.00	179.00	179.00	165.50	175.00	-	155.00	178.00	165.00	176.00
CLASS E-----	155.50	-	209.50	193.00	-	-	-	-	-	-	-	-	-	181.50	-	165.50
STENOGRAPHERS-----	196.50	188.50	135.00	191.50	155.50	-	179.00	189.00	176.50	178.50	155.50	194.00	174.50	-	155.50	178.00
GENERAL-----	182.00	172.00	189.00	-	188.50	165.00	171.00	176.50	177.50	180.00	161.50	-	164.00	-	188.50	183.00
SENIOR-----	212.00	201.00	181.00	182.50	205.00	-	191.00	200.50	176.00	178.00	214.50	-	186.50	-	205.00	175.00
TRANSCRIBING-MACHINE TYPISTS--	136.00	-	167.50	-	158.50	-	142.00	138.00	143.50	137.50	142.00	-	158.50	-	-	139.50
TYPISTS-----	152.50	138.00	150.00	125.50	156.50	-	130.50	138.50	139.50	135.50	140.00	133.50	136.00	166.50	132.50	126.50
CLASS A-----	170.00	156.50	179.00	148.00	185.00	-	145.00	154.50	150.50	146.50	148.00	-	158.00	-	133.50	147.50
CLASS B-----	145.00	126.50	138.00	121.50	138.00	-	122.50	126.50	132.00	130.50	131.50	-	128.00	183.00	132.00	-
FILE CLERKS-----	136.00	125.00	157.50	134.50	132.00	133.00	119.00	134.00	136.00	125.50	134.50	125.00	125.50	130.00	131.00	-
CLASS A-----	-	172.00	-	-	167.50	-	142.00	154.00	163.50	164.50	212.00	-	148.50	-	-	-
CLASS B-----	146.50	130.50	150.00	150.50	134.50	-	121.50	135.00	138.50	132.50	125.50	-	125.00	-	129.00	-
CLASS C-----	120.50	111.50	-	108.50	125.00	-	114.50	112.00	117.00	111.00	98.50	-	115.50	-	123.00	-
MESSENGRS-----	145.50	123.00	147.00	117.50	141.50	-	131.00	132.00	137.00	128.50	123.50	-	133.50	-	132.00	137.00
SWITCHBOARD OPERATORS-----	143.50	137.00	-	139.00	152.00	-	138.00	147.50	140.50	143.00	145.50	-	143.50	137.00	134.00	137.50
SWITCHBOARD OPERATOR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	141.50	137.00	137.00	146.50	153.50	137.00	148.00	154.50	144.00	138.50	141.50	131.00	152.00	155.50	143.00	130.00
ORDER CLERKS-----	179.00	166.50	-	-	178.00	-	179.00	182.50	160.50	181.00	167.50	-	197.50	-	124.00	183.50
CLASS A-----	197.50	-	-	-	260.00	-	-	-	-	-	-	-	211.50	-	-	-
CLASS B-----	161.00	-	-	-	152.50	-	-	183.50	-	-	160.50	-	188.00	-	-	-
ACCOUNTING CLERKS-----	172.00	162.00	169.50	155.50	171.00	182.50	153.00	180.00	167.00	169.50	173.50	162.50	167.50	166.00	153.50	169.50
CLASS A-----	203.00	199.00	197.50	189.50	201.50	220.50	173.50	215.00	183.50	202.00	195.00	135.00	206.50	169.50	174.00	208.50
CLASS B-----	153.50	145.00	154.50	132.00	158.00	160.50	139.50	150.50	158.00	148.50	153.50	141.50	144.50	164.50	145.50	149.00
BOOKKEEPING-MACHINE OPERATORS--	148.00	146.50	159.00	-	174.50	-	-	166.00	166.00	142.00	-	-	139.50	-	139.00	-
CLASS A-----	-	-	-	-	205.50	-	-	195.00	-	-	-	-	161.50	-	-	-
CLASS B-----	139.50	-	-	-	155.50	-	-	137.00	-	138.50	-	-	130.00	-	-	-
MACHINE BILLERS-----	-	-	-	-	200.50	-	272.50	242.00	155.50	175.50	-	-	143.50	-	180.00	-
BILLING MACHINE-----	-	-	-	-	207.50	-	-	246.50	162.00	-	-	-	144.50	-	193.00	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	145.50	-	-	-	-	-	-
PAYROLL CLERKS-----	182.50	176.00	183.50	162.50	186.00	-	167.00	201.50	183.00	191.50	152.50	-	180.00	208.50	165.50	139.00
KEYPUNCH OPERATORS-----	164.50	150.50	179.50	148.50	167.00	138.00	154.50	172.50	170.50	157.50	163.50	156.00	166.00	176.50	164.50	159.50
CLASS A-----	180.00	168.00	227.00	163.50	184.50	146.50	178.50	150.50	173.50	171.00	171.50	-	186.50	-	175.00	182.00
CLASS B-----	156.00	141.50	163.50	142.00	156.50	121.50	130.00	158.00	158.50	143.00	151.50	156.00	157.00	131.50	159.00	153.00

**Table A-3. Weekly earnings of office workers, January through December 1977—nonmanufacturing—Continued**

OCCUPATION AND GRADE	WEST											
	ANAHEIM-SANTA ANA-GARDEN GROVE	BILLINGS	DENVER-BOULDER	FRESNO	LOS ANGELES-LONG BEACH	PORTLAND	SACRAMENTO	SALT LAKE CITY-CGDEN	SAN DIEGO	SAN FRANCISCO-CAKLAND	SAN JOSE	SEATTLE-EVERETT
	OCTOBER	JULY	DECEMBER	JUNE	OCTOBER	MAY	DECEMBER	NOVEMBER	NOVEMBER	MARCH	MARCH	JANUARY
<b>ALL WORKERS</b>												
SECRETARIES-----	\$207.50	\$157.00	\$208.50	\$191.50	\$223.50	\$214.00	\$231.00	\$197.50	\$203.50	\$214.50	\$197.50	\$199.50
CLASS A-----	254.50	-	237.50	-	275.00	248.50	-	217.00	234.00	251.00	-	252.50
CLASS B-----	234.00	-	211.50	196.50	243.50	251.00	226.00	210.50	230.00	227.00	226.50	221.00
CLASS C-----	213.00	168.50	218.00	201.00	221.00	215.00	253.00	205.00	212.00	204.50	203.00	211.50
CLASS D-----	189.50	159.00	197.50	173.00	205.50	213.00	222.50	167.50	184.50	206.50	178.00	188.50
CLASS E-----	-	-	179.00	-	-	165.00	-	184.00	-	-	-	170.50
STENOGRAPHERS-----	189.50	-	190.50	159.50	191.50	201.50	193.50	178.50	-	185.00	180.00	193.50
GENERAL-----	167.00	-	182.50	136.50	187.00	179.00	210.00	171.00	161.50	199.50	-	204.50
SENIOR-----	199.00	-	196.00	168.50	194.00	224.00	-	191.50	-	183.00	188.00	184.50
TRANSCRIBING-MACHINE TYPISTS--	141.00	-	166.00	-	170.00	162.00	-	147.50	-	160.00	-	157.50
TYPISTS-----	133.50	-	154.50	125.00	152.00	137.00	166.00	132.50	131.00	158.00	161.00	154.00
CLASS A-----	150.50	-	164.50	-	172.50	175.50	179.50	161.50	165.00	162.50	165.00	174.00
CLASS B-----	125.00	-	132.00	122.50	140.00	130.00	132.50	127.00	-	150.50	154.00	142.00
FILE CLERKS-----	130.00	-	132.00	118.50	140.00	123.50	131.00	117.00	-	139.50	137.00	136.50
CLASS A-----	-	-	177.50	-	169.50	-	-	-	-	170.50	-	182.00
CLASS B-----	144.50	112.00	128.00	109.50	154.00	140.50	-	123.00	-	147.00	137.00	132.00
CLASS C-----	120.50	-	110.00	-	127.50	109.50	-	108.50	-	122.00	134.00	131.50
MESSENGRS-----	141.00	-	134.50	-	143.50	133.50	-	119.50	-	145.50	-	140.50
SWITCHBOARD OPERATORS-----	166.50	118.00	195.50	147.00	157.50	150.50	145.00	137.00	127.00	162.00	150.50	152.00
SWITCHBOARD OPERATOR-RECEPTIONISTS-----	158.00	128.50	155.00	-	167.00	147.00	165.50	148.50	138.00	166.00	144.00	153.50
ORDER CLERKS-----	208.00	-	170.00	-	205.00	210.50	-	187.50	-	213.00	-	206.00
CLASS A-----	-	-	-	-	-	239.00	-	-	-	-	-	238.50
CLASS B-----	-	-	166.50	-	-	175.00	-	-	-	-	-	165.00
ACCOUNTING CLERKS-----	189.00	158.50	170.00	143.50	196.00	195.00	178.00	156.50	148.00	197.50	179.00	173.50
CLASS A-----	206.00	175.50	189.00	156.00	202.00	231.50	184.50	181.00	163.00	210.00	185.50	192.50
CLASS B-----	178.00	148.00	155.50	146.00	173.50	175.50	174.00	139.50	139.50	185.00	169.50	154.00
BOOKKEEPING-MACHINE OPERATORS-----	-	-	-	-	213.50	175.50	-	141.00	-	185.00	-	170.00
CLASS A-----	-	-	-	-	215.00	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	179.00	-	153.50
MACHINE BILLERS-----	-	-	247.50	-	266.00	-	-	141.50	-	222.00	-	183.50
BILLING MACHINE-----	-	-	-	-	299.50	-	-	-	-	223.50	-	183.50
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	206.00	-	187.00	-	225.50	197.50	206.50	191.00	159.00	211.50	215.00	197.50
KEYPUNCH OPERATORS-----	194.50	133.50	176.00	153.50	181.50	172.00	186.50	165.50	169.50	199.50	182.00	166.50
CLASS A-----	208.00	136.00	195.50	160.50	187.00	195.50	202.00	187.50	173.50	207.00	191.00	181.50
CLASS B-----	178.00	-	163.00	151.00	177.00	158.00	163.50	159.00	170.00	195.00	177.50	157.00

**Table A-4. Weekly earnings of office workers, January through December 1977—public utilities**

OCCUPATION AND GRADE	NORTHEAST														
	ALBANY- SCHENECTADY- TROY	BOSTON	BUFFALO	HARTFORD	NASSAU- SUFFOLK	NEWARK	NEW YORK	NORTHEAST PENNSYL- VANIA	PATERSON- CLIFTON- PASSAIC	PHILA- DELPHIA	PITTSBURGH	PORTLAND	POUGH- KEEPSIE	PROVIDENCE- WARWICK- PANTUCKET	TRENTON
	SEPTEMBER	AUGUST	OCTOBER	MARCH	JUNE	JANUARY	MAY	AUGUST	JUNE	NOVEMBER	JANUARY	DECEMBER	JUNE	JUNE	SEPTEMBER
<b>ALL WORKERS</b>															
SECRETARIES-----	-	\$253.00	\$261.00	\$225.50	\$244.50	\$246.00	\$238.00	\$176.00	-	\$265.00	\$237.50	\$225.00	-	\$207.00	-
CLASS A-----	-	-	-	-	258.00	-	292.50	-	-	311.50	-	-	-	-	-
CLASS B-----	-	282.00	-	-	-	258.00	263.00	-	-	300.00	269.50	-	-	-	-
CLASS C-----	-	253.50	269.00	210.50	246.50	235.50	230.00	-	-	258.00	247.00	-	-	-	-
CLASS D-----	-	230.50	-	-	-	-	202.00	-	-	210.50	195.00	-	-	181.00	-
CLASS E-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STENOGRAPHERS-----	\$231.00	227.50	234.50	-	202.50	209.50	228.50	-	-	230.50	201.50	-	-	-	-
GENERAL-----	245.50	220.50	-	-	-	208.50	213.50	-	-	218.00	198.50	-	-	-	-
SENIOR-----	-	-	-	-	202.50	215.50	231.50	-	-	-	-	-	-	-	-
TRANSCRIBING-MACHINE TYPISTS--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TYPISTS-----	-	232.00	209.50	-	198.50	200.00	184.00	-	-	213.00	189.50	-	-	172.50	-
CLASS A-----	-	216.50	-	-	201.50	231.50	217.00	-	-	212.50	202.00	-	-	-	-
CLASS B-----	-	246.00	187.50	-	-	190.50	162.00	-	-	216.00	162.00	-	-	172.50	-
FILE CLERKS-----	-	178.50	-	-	-	181.00	202.00	-	-	185.50	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	200.50	-	-	-	-	-	-	-	-
CLASS C-----	-	175.00	-	-	-	-	192.50	-	-	182.00	-	-	-	-	-
MESSENGEES-----	-	-	-	-	178.50	-	189.50	-	-	-	195.50	-	-	-	-
SWITCHBOARD OPERATORS-----	-	204.50	-	-	-	-	200.00	-	-	237.50	208.50	-	-	-	-
SWITCHBOARD OPERATOR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	-	-	-	-	-	-	188.00	-	-	166.50	173.50	-	-	-	-
ORDER CLERKS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACCOUNTING CLERKS-----	-	219.50	289.00	183.50	215.00	231.50	223.50	179.50	-	236.00	253.00	246.00	-	190.00	-
CLASS A-----	-	225.00	305.00	-	243.00	-	250.00	197.00	-	246.00	293.50	255.00	-	214.50	-
CLASS B-----	-	-	272.50	-	-	224.50	206.50	169.00	-	231.00	239.50	240.50	-	174.00	-
BOOKKEEPING-MACHINE OPERATORS--	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE BILLERS-----	-	-	291.00	-	-	-	-	-	-	-	-	-	-	-	-
BILLING MACHINE-----	-	-	291.00	-	-	-	-	-	-	-	-	-	-	-	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	-	268.00	-	194.50	-	202.50	-	-	-	209.00	240.00	-	-	-	-
KEYPUNCH OPERATORS-----	246.50	210.50	210.00	187.50	193.50	210.50	207.50	180.50	-	226.50	220.00	-	-	-	-
CLASS A-----	-	-	230.50	-	-	-	233.50	-	-	-	244.00	-	-	-	-
CLASS B-----	-	193.00	-	-	187.00	197.00	198.00	161.00	-	202.50	197.00	-	-	-	-

**Table A-4. Weekly earnings of office workers, January through December 1977—public utilities—Continued**

OCCUPATION AND GRADE	NORTHEAST--CONTINUED			SCUTH										
	UTICA- ROME	WCRCESTER	YORK	ATLANTA	BALTIMORE	BIRMINGHAM	CHATTA- NOOGA	CCRPUS CHRISTI	DALLAS- FCRT WCRTH	DAYCNA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	GREENVILLE- SPARTANBURG	HOUSTON
	JULY	APRIL	FEBRUARY	MAY	AUGUST	MARCH	SEPTEMBER	JULY	OCTOBER	AUGUST	SEPTEMBER	AUGUST	JUNE	AUGUST
<b>ALL WORKERS</b>														
SECRETARIES-----	-	-	-	\$250.00	\$270.00	\$224.00	-	-	\$231.50	-	-	\$218.00	\$225.50	\$226.50
CLASS A-----	-	-	-	265.50	-	-	-	-	259.50	-	-	-	-	275.50
CLASS B-----	-	-	-	253.50	257.50	232.00	-	-	247.50	-	-	208.00	-	251.00
CLASS C-----	-	-	-	253.50	215.50	234.50	-	-	247.50	-	-	247.00	-	256.00
CLASS J-----	-	-	-	214.50	-	-	-	-	208.50	-	-	156.00	-	224.00
CLASS E-----	-	-	-	-	-	-	-	-	-	-	-	-	-	202.00
STENOGRAPHERS-----	-	-	-	214.50	249.00	-	-	-	203.50	-	-	-	-	180.00
GENERAL-----	-	-	-	215.00	251.00	-	-	-	180.50	-	-	-	-	166.50
SENIOR-----	-	-	-	213.50	-	-	-	-	219.50	-	-	-	-	192.00
TRANSCRIBING-MACHINE TYPISTS--	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TYPISTS-----	-	-	-	204.00	208.00	154.00	-	-	184.50	-	-	193.00	-	148.00
CLASS A-----	-	-	-	-	210.00	-	-	-	185.00	-	-	-	-	168.00
CLASS B-----	-	-	-	210.50	-	-	-	-	184.00	-	-	188.50	-	139.50
FILE CLERKS-----	-	-	-	231.50	246.00	-	-	-	182.50	-	-	145.50	-	161.00
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	233.50	-	-	-	-	205.00	-	-	-	-	181.00
CLASS C-----	-	-	-	-	186.50	-	-	-	-	-	-	146.00	-	-
MESSENGRS-----	-	-	-	176.00	190.50	-	-	-	124.50	-	-	-	-	106.50
SWITCHBOARD OPERATORS-----	-	-	-	202.50	218.50	-	-	-	187.00	-	-	-	-	175.50
SWITCHBOARD OPERATOR--	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	-	-	-	244.00	153.00	161.50	-	-	211.50	-	-	-	-	150.00
INDEX CLERKS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AGGREGATE CLERKS-----	-	-	\$160.50	218.00	246.00	177.50	-	-	232.50	-	-	174.00	-	201.00
CLASS A-----	-	-	-	238.50	266.50	207.50	-	-	263.00	-	-	-	-	241.50
CLASS J-----	-	-	-	201.50	206.50	-	-	-	198.50	-	-	-	-	187.50
JOCKLEPING-MACHINE OPERATORS--	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS J-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE BILLERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BILLING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	-	-	-	228.50	-	-	-	-	234.00	-	-	-	-	229.50
KEYPUNCH OPERATORS-----	-	-	-	218.50	210.00	162.50	-	-	188.00	-	-	210.00	-	177.50
CLASS A-----	-	-	-	-	155.50	-	-	-	218.50	-	-	-	-	202.00
CLASS B-----	-	-	-	203.00	214.00	160.00	-	-	147.00	-	-	183.50	-	167.00

**Table A-4. Weekly earnings of office workers, January through December 1977—public utilities—Continued**

OCCUPATION AND GRADE	SOUTH--CONTINUED												NORTH CENTRAL			
	HUNTSVILLE	JACKSON	JACKSONVILLE	LOUISVILLE	MEMPHIS	MIAMI	NEW ORLEANS	NCRFOLK-VIRGINIA BEACH-PORTSMOUTH	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	WASHINGTON	AKRON	CANTON	CHICAGO	CINCINNATI
	FEBRUARY	JANUARY	DECEMBER	NOVEMBER	NOVEMBER	OCTOBER	JANUARY	MAY	AUGUST	JUNE	MAY	MARCH	DECEMBER	MAY	MAY	JULY
<b>ALL WORKERS</b>																
SECRETARIES-----	-	\$208.50	\$258.50	\$268.00	\$232.00	\$237.00	\$197.50	\$205.00	\$224.00	\$227.50	\$192.50	\$253.50	\$252.50	-	\$267.50	\$235.00
CLASS A-----	-	-	-	-	-	266.00	-	-	-	-	-	252.50	-	-	302.50	-
CLASS B-----	-	216.50	259.50	-	-	228.50	202.00	-	252.50	-	-	282.00	-	-	265.50	-
CLASS C-----	-	218.50	-	265.00	-	230.00	201.00	-	241.00	213.00	206.50	253.00	246.00	-	-	242.00
CLASS D-----	-	210.00	-	271.50	-	228.50	213.50	-	-	238.00	-	215.50	-	-	242.00	-
CLASS E-----	-	-	-	-	-	-	198.50	-	-	-	-	-	-	-	231.50	-
STENOGRAPHERS-----	-	186.00	-	209.00	222.00	217.50	175.50	189.00	203.00	200.00	-	224.00	207.00	\$206.50	257.50	224.50
GENERAL-----	-	-	-	205.00	-	208.00	-	208.50	190.00	194.00	-	207.00	-	-	247.50	234.00
SENIOR-----	-	-	-	-	-	226.50	166.50	-	210.00	-	-	-	-	-	274.50	212.50
TRANSCRIBING-MACHINE TYPISTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TYPISTS-----	-	-	-	171.50	250.00	189.00	145.50	160.00	-	153.00	-	182.50	193.50	-	235.50	174.50
CLASS A-----	-	-	-	183.00	-	203.50	-	-	-	-	-	184.00	180.50	-	227.00	177.50
CLASS B-----	-	-	-	-	-	161.50	125.50	163.00	-	154.00	-	181.50	217.50	-	241.00	-
FILE CLERKS-----	-	-	235.50	-	-	-	142.00	-	-	187.50	-	182.50	200.50	-	243.00	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	229.00	-	-	-	-	-	-	-	-	-	-	-	242.00	-
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	233.00	-
MESSENGERS-----	-	-	-	-	-	-	133.50	-	-	-	-	192.00	-	-	191.00	-
SWITCHBOARD OPERATORS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	228.50	-
SWITCHBOARD OPERATOR-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	-	-	-	-	207.00	139.50	142.00	-	193.00	-	-	-	175.50	-	-	152.00
ORDER CLERKS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACCOUNTING CLERKS-----	-	-	-	231.50	227.50	229.00	175.50	-	200.50	186.00	-	203.50	221.50	-	249.00	194.00
CLASS A-----	-	191.50	-	239.50	-	247.00	190.50	-	238.50	209.00	181.00	213.50	-	-	255.50	-
CLASS B-----	-	-	-	227.50	-	211.50	164.00	-	198.50	-	-	190.00	217.00	-	234.50	-
BOOKKEEPING-MACHINE OPERATORS-----	-	-	-	-	-	-	142.00	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE BILLERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	312.00	230.50
BILLING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	317.00	230.50
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	-	185.50	-	-	-	221.50	-	-	-	-	-	-	-	-	267.00	-
KEYPUNCH OPERATORS-----	-	175.00	258.00	242.00	-	205.00	148.00	-	193.50	193.50	199.00	224.50	-	-	210.50	191.00
CLASS A-----	-	-	-	-	-	211.00	-	-	220.00	-	-	240.00	-	-	216.50	-
CLASS B-----	-	178.00	-	227.50	-	196.50	145.00	-	-	203.50	-	216.00	-	-	203.00	150.00

**Table A-4. Weekly earnings of office workers, January through December 1977—public utilities—Continued**

OCCUPATION AND GRADE	NCRTH CENTRAL--CONTINUED															
	CLEVELAND	COLUMBUS	DAVENPORT- ROCK ISLAND- MCLINE	DAYTON	DETROIT	GREEN BAY	INDIAN- APCLIS	KANSAS CITY	MILWAUKEE	MINNE- APCLIS- ST PAUL	OMAHA	SAGINAW	ST LOUIS	SOUTH BEND	TOLEDO	WICHITA
	SEPTEMBER	OCTOBER	MAY	DECEMBER	MARCH	JULY	OCTOBER	SEPTEMBER	APRIL	JANUARY	OCTOBER	NOVEMBER	MARCH	AUGUST	MAY	APRIL
<b>ALL WORKERS</b>																
SECRETARIES-----	\$233.00	\$224.00	\$232.00	\$210.00	\$252.00	-	\$246.50	\$243.00	\$236.00	\$242.00	\$229.50	-	\$247.50	\$251.00	\$193.00	\$232.00
CLASS A-----	-	-	-	-	-	-	-	-	-	272.50	-	-	293.50	-	-	-
CLASS B-----	263.50	271.50	-	-	270.00	-	251.50	247.50	257.50	274.50	263.00	-	248.00	-	-	-
CLASS C-----	225.50	209.50	-	-	-	-	267.00	242.00	222.00	216.50	219.00	-	235.00	-	-	-
CLASS D-----	206.50	203.50	-	-	219.50	-	-	231.50	-	211.50	189.50	-	220.50	-	167.50	-
CLASS E-----	-	-	-	202.50	-	-	-	-	-	-	-	-	-	-	-	-
STENOGRAPHERS-----	224.00	240.00	-	-	242.50	-	231.00	227.50	212.00	231.00	234.00	-	207.00	-	236.00	197.50
GENERAL-----	212.00	-	-	-	245.00	-	221.50	231.50	201.50	232.00	-	-	200.00	-	231.50	199.00
SENIOR-----	-	-	-	-	-	-	240.50	225.50	238.50	229.00	-	-	213.00	-	-	-
TRANSCRIBING-MACHINE TYPISTS-----	-	-	-	-	182.00	-	-	-	-	-	-	-	257.50	-	-	-
TYPISTS-----	-	172.00	-	-	229.50	-	159.50	192.50	176.50	192.50	-	-	191.00	236.00	-	-
CLASS A-----	-	177.00	-	-	271.00	-	-	206.00	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	181.50	-	-	170.00	-	192.00	-	-	192.00	-	-	-
FILE CLERKS-----	-	181.50	-	-	192.00	-	144.50	222.00	194.50	174.50	-	-	241.00	-	-	-
CLASS A-----	-	-	-	-	-	-	-	235.00	-	227.00	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	205.50	-	186.50	-	-	-	-	-	-
CLASS C-----	-	-	-	-	180.00	-	-	-	-	-	-	-	259.50	-	-	-
MESSAGERS-----	219.50	-	-	-	-	-	159.00	189.00	-	189.50	201.00	-	183.00	-	-	-
SWITCHBOARD OPERATORS-----	225.50	-	-	-	155.00	-	-	217.50	-	220.50	-	-	233.50	-	-	-
SWITCHBOARD OPERATOR- RECEPTIONISTS-----	-	-	-	-	222.50	-	-	221.00	-	171.50	174.50	-	229.50	-	-	-
JROR CLERKS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACCOUNTING CLERKS-----	238.50	217.50	222.00	222.50	229.50	-	184.50	232.50	-	207.00	228.00	-	232.00	-	214.00	206.50
CLASS A-----	-	231.00	-	260.00	242.50	-	-	252.00	231.50	242.50	237.00	-	242.00	-	240.50	241.50
CLASS B-----	219.50	191.50	-	152.00	221.00	-	149.50	190.00	-	173.50	-	-	210.00	-	190.00	179.50
BOOKKEEPING-MACHINE OPERATORS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE BILLERS-----	-	-	-	-	267.00	-	-	265.50	-	-	-	-	-	-	-	-
BILLING MACHINE-----	-	-	-	-	267.00	-	-	264.50	-	-	-	-	-	-	-	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	235.00	-	-	-	236.00	-	-	290.50	230.50	232.00	230.50	-	243.50	-	-	-
KEYPUNCH OPERATORS-----	210.50	197.00	194.00	-	236.50	-	236.50	207.50	204.00	205.00	232.00	-	236.50	-	230.00	221.50
CLASS A-----	215.50	-	-	-	263.00	-	247.50	-	200.00	213.50	-	-	244.00	-	-	-
CLASS B-----	206.00	185.50	-	-	215.00	-	-	225.50	206.00	182.00	193.50	-	229.50	-	-	222.50

**Table A-4. Weekly earnings of office workers, January through December 1977—public utilities—Continued**

OCCUPATION AND GRADE	WEST											
	ANAHEIM- SANTA ANA- GARDEN GROVE	BILLINGS	DENVER- BOULDER	FRESNO	LOS ANGELES- LONG BEACH	PORTLAND	SACRAMENTO	SALT LAKE CITY-CGDEN	SAN DIEGO	SAN FRAN- CISCO- OAKLAND	SAN JOSE	SEATTLE- EVERETT
	OCTOBER	JULY	DECEMBER	JUNE	OCTOBER	MAY	DECEMBER	NOVEMBER	NOVEMBER	MARCH	MARCH	JANUARY
<b>ALL WORKERS</b>												
SECRETARIES-----	\$250.00	\$219.50	\$248.00	\$257.50	\$247.50	\$254.00	\$290.50	\$233.50	\$248.00	\$260.50	-	\$220.00
CLASS A-----	-	-	-	-	325.50	-	-	-	-	294.00	-	288.50
CLASS B-----	-	-	265.00	-	285.00	-	-	254.00	-	254.50	-	247.00
CLASS C-----	-	-	255.50	237.50	239.00	272.00	282.00	230.00	250.50	250.00	-	227.50
CLASS D-----	-	-	236.00	-	222.50	-	-	-	-	264.50	-	195.50
CLASS E-----	-	-	-	-	-	-	-	-	-	-	-	158.50
STENOGRAPHERS-----	-	-	238.50	-	242.00	223.50	264.00	212.50	-	240.00	\$223.50	227.50
GENERAL-----	-	-	221.50	-	225.00	247.00	-	200.50	-	222.50	-	228.00
SENIOR-----	-	-	279.50	-	-	-	-	-	-	-	-	-
TRANSCRIBING-MACHINE TYPISTS-----	-	-	-	-	-	-	-	-	-	-	-	217.50
TYPISTS-----	-	-	-	-	204.50	-	-	174.00	-	214.00	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	218.50	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	210.50	-	-
FILE CLERKS-----	-	-	-	-	253.50	201.50	-	-	-	255.50	-	173.50
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	226.00	-	-	-	-	258.50	-	-
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	175.50
MESSENGERS-----	-	-	164.50	-	-	-	-	-	-	-	-	-
SWITCHBOARD OPERATORS-----	-	-	-	-	224.50	-	-	-	-	229.50	-	178.00
SWITCHBOARD OPERATOR-----	-	-	-	-	-	-	-	-	-	-	-	-
RECEPTIONISTS-----	-	-	209.00	-	238.50	-	-	209.00	-	240.00	-	189.50
ORDER CLERKS-----	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-
ACCOUNTING CLERKS-----	-	199.50	228.00	-	228.50	-	-	207.50	-	244.00	-	209.00
CLASS A-----	-	219.50	240.00	-	238.50	-	-	232.50	-	266.00	-	-
CLASS B-----	-	-	-	-	220.50	221.50	-	140.00	-	231.50	-	186.00
BOOKKEEPING-MACHINE OPERATORS-----	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE BILLERS-----	-	-	258.00	-	327.50	-	-	-	-	296.50	-	-
BILLING MACHINE-----	-	-	258.00	-	327.50	-	-	-	-	296.00	-	-
BOOKKEEPING MACHINE-----	-	-	-	-	-	-	-	-	-	-	-	-
PAYROLL CLERKS-----	-	-	248.00	-	287.00	262.00	248.00	-	-	255.50	-	223.00
KEYPUNCH OPERATORS-----	-	-	223.50	-	223.50	221.50	-	193.50	-	236.50	-	188.50
CLASS A-----	-	-	251.50	-	237.50	256.00	-	218.50	-	251.50	-	213.00
CLASS B-----	-	-	201.50	-	218.00	167.50	-	-	-	230.00	-	171.50



**Table A-5. Weekly earnings of professional and technical workers, January through December 1977—all industries**

OCCUPATION AND GRADE	NORTHEAST														
	ALBANY- SCHENECTADY- TROY	BCSTCN	BUFFALO	HARTFORD	NASSAU- SUFFCLK	NEWARK	NEW YORK	NORTHEAST PENNSYL- VANIA	PATERSON- CLIFTON- PASSAIC	PHILA- DELPHIA	PITTSBURGH	PORTLAND	POUGH- KEEPSIE	PROVIDENCE- WARWICK- PANTUCKET	TRENTON
	SEPTEMBER	AUGUST	OCTOBER	MARCH	JUNE	JANUARY	MAY	AUGUST	JUNE	NOVEMBER	JANUARY	DECEMBER	JUNE	JUNE	SEPTEMBER
<b>ALL WORKERS</b>															
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	-	\$357.00	\$344.50	\$308.50	\$384.00	\$375.00	\$404.50	\$350.50	\$362.00	\$369.00	\$367.50	\$346.50	-	\$331.50	\$389.50
CLASS A-----	-	397.50	379.00	356.50	416.50	414.50	435.50	-	410.00	400.50	409.00	-	-	372.00	409.50
CLASS B-----	-	333.00	322.50	302.50	358.50	354.50	397.50	327.00	344.00	331.50	357.50	-	-	313.50	385.50
CLASS C-----	-	241.50	-	264.50	-	317.50	333.00	-	-	269.50	330.00	-	-	-	-
COMPUTER PROGRAMMERS (BUSINESS)-----	\$284.50	276.00	263.50	254.50	290.00	282.00	315.50	236.50	288.50	305.00	243.50	264.50	-	235.50	299.50
CLASS A-----	320.50	317.50	320.00	302.50	334.00	319.50	351.50	295.50	325.00	339.50	291.00	317.50	-	271.50	337.50
CLASS B-----	271.00	263.50	255.50	243.00	275.00	281.50	306.50	234.00	263.00	289.00	234.50	270.50	-	230.50	264.00
CLASS C-----	-	205.00	212.50	-	228.00	237.50	261.50	-	-	243.00	185.50	193.50	-	-	-
COMPUTER OPERATORS-----	219.50	203.00	230.00	200.50	213.00	223.50	227.00	181.00	206.50	215.00	203.50	194.00	-	174.00	224.00
CLASS A-----	-	230.00	267.50	224.50	259.00	242.50	264.00	211.00	244.00	250.50	242.00	-	-	209.50	253.50
CLASS B-----	217.00	193.00	214.50	194.00	212.00	225.50	217.50	177.50	203.50	209.00	194.50	195.50	-	171.50	223.50
CLASS C-----	-	165.50	-	158.00	166.00	190.00	184.50	-	174.00	175.00	172.50	172.50	-	137.00	175.00
DRAFTERS-----	255.00	259.00	273.00	238.00	251.50	259.00	249.50	216.00	222.00	271.50	255.50	232.00	\$256.00	236.00	269.50
CLASS A-----	-	304.00	308.50	268.00	256.50	299.50	295.50	261.00	294.50	314.50	317.00	265.50	303.00	-	307.50
CLASS B-----	-	253.50	270.00	235.00	248.00	259.00	244.50	217.00	204.00	260.50	267.00	216.00	253.00	237.00	-
CLASS C-----	236.00	187.50	215.50	188.50	218.00	198.50	219.50	180.50	-	201.50	199.00	-	223.00	173.50	213.00
DRAFTER-TRACERS-----	-	147.00	-	-	-	-	176.50	-	-	-	151.50	-	-	-	-
ELECTRICAL TECHNICIANS-----	293.50	253.00	336.50	250.00	245.00	235.00	324.00	252.00	283.00	286.50	323.50	-	-	-	350.00
CLASS A-----	-	293.00	-	265.00	274.00	262.00	-	242.00	-	276.50	-	-	-	-	-
CLASS B-----	-	236.00	320.00	233.50	244.50	250.00	323.50	257.50	-	279.00	290.50	-	-	-	-
CLASS C-----	-	185.00	-	-	182.00	-	-	-	-	184.00	259.00	-	-	-	-
REGISTERED INDUSTRIAL NURSES--	258.50	247.00	274.00	230.50	233.00	246.50	255.50	219.50	242.50	253.00	244.50	-	242.50	205.00	246.00

**Table A-5. Weekly earnings of professional and technical workers, January through December 1977—all industries—Continued**

OCCUPATION AND GRADE	NORTHEAST--CONTINUED			SOUTH										
	UTICA- ROME	WORCESTER	YORK	ATLANTA	BALTIMORE	BIRMINGHAM	CHATTA- NOOGA	CORPUS CHRISTI	DALLAS- FCRT *CRTH	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	GREENVILLE- SPARTANBURG	HOUSTON
	JULY	APRIL	FEBRUARY	MAY	AUGUST	MARCH	SEPTEMBER	JULY	OCTOBER	AUGUST	SEPTEMBER	AUGUST	JUNE	AUGUST
<b>ALL WORKERS</b>														
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	\$339.00	\$322.00	\$306.50	\$354.50	\$336.50	\$349.50	\$345.00	-	\$348.00	-	-	\$363.50	\$327.50	\$349.00
CLASS A-----	359.00	363.00	-	401.00	386.00	366.50	350.50	-	388.50	-	-	404.50	376.00	416.00
CLASS B-----	318.50	292.50	-	347.00	325.50	337.50	328.50	-	336.50	-	-	339.50	287.50	338.50
CLASS C-----	-	-	-	316.00	262.50	-	-	-	279.00	-	-	-	-	266.50
COMPUTER PROGRAMMERS (BUSINESS)-----	264.50	283.00	246.50	291.50	278.50	256.00	240.50	\$250.00	265.50	-	-	273.50	260.50	253.50
CLASS A-----	304.50	328.00	-	314.50	332.50	301.00	279.00	295.50	328.00	-	-	328.00	283.50	339.50
CLASS B-----	251.50	271.00	236.50	284.50	281.00	260.00	238.50	247.00	256.00	-	-	257.50	262.00	289.50
CLASS C-----	218.50	-	-	265.00	216.50	205.00	200.50	-	156.00	-	-	205.00	-	231.50
COMPUTER OPERATORS-----	199.50	186.50	177.00	220.50	213.00	180.50	173.50	172.00	201.00	-	\$175.00	206.00	172.50	208.00
CLASS A-----	233.00	218.00	-	255.00	260.50	204.50	216.00	-	241.00	-	-	252.50	-	268.00
CLASS B-----	189.50	162.50	162.50	226.50	210.00	191.00	162.00	183.50	197.00	-	192.00	191.00	185.50	205.50
CLASS C-----	184.00	-	144.50	192.50	176.00	145.50	137.50	121.00	168.00	-	-	185.00	152.50	175.00
RAFTERS-----	223.00	237.00	216.50	216.50	261.00	231.00	192.50	242.50	245.00	\$233.50	227.50	235.50	220.00	258.00
CLASS A-----	275.00	272.00	256.50	284.00	308.00	302.00	-	281.50	288.50	-	307.00	278.50	275.50	323.00
CLASS B-----	230.00	231.50	222.50	216.50	238.50	207.00	200.00	231.00	240.50	231.00	239.50	223.50	230.50	244.00
CLASS C-----	179.50	192.50	181.00	180.00	214.00	169.50	-	-	150.00	208.00	172.00	191.50	191.00	187.00
RAFTERS-TRACERS-----	-	-	-	182.50	160.00	-	-	-	-	-	-	-	-	169.50
ELECTRONICS TECHNICIANS-----	-	-	-	307.00	285.50	270.00	239.00	-	266.00	253.50	292.50	250.50	257.50	255.50
CLASS A-----	-	-	-	-	327.00	-	-	-	254.50	-	-	-	272.00	287.00
CLASS B-----	-	-	-	-	282.50	-	193.50	-	266.50	-	295.00	281.00	255.50	255.50
CLASS C-----	-	-	-	-	224.50	-	-	-	203.00	-	-	-	-	191.50
REGISTERED INDUSTRIAL NURSES--	217.00	236.00	226.00	264.50	277.00	227.00	-	-	255.50	-	-	247.00	157.00	253.50

**Table A-5. Weekly earnings of professional and technical workers, January through December 1977—all industries—Continued**

OCCUPATION AND GRADE	SOUTH--CONTINUED												NORTH CENTRAL			
	HUNTS-VILLE	JACKSON	JACKSON-VILLE	LOUIS-VILLE	MEMPHIS	MIAMI	NEW ORLEANS	NORFOLK-VIRGINIA BEACH-PORTSMOUTH	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	WASHINGTON	AKRON	CANTON	CHICAGO	CINCINNATI
	FEBRUARY	JANUARY	DECEMBER	NOVEMBER	NOVEMBER	OCTOBER	JANUARY	MAY	AUGUST	JUNE	MAY	MARCH	DECEMBER	MAY	MAY	JULY
<b>ALL WORKERS</b>																
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	\$351.00	\$293.00	\$330.50	\$378.50	\$351.00	\$365.00	\$326.00	\$297.50	\$343.00	\$328.00	-	\$370.00	\$387.50	\$359.50	\$362.50	\$340.00
CLASS A-----	-	299.50	-	422.50	-	-	-	344.00	383.00	366.50	-	420.00	424.00	377.00	396.50	380.50
CLASS B-----	-	285.50	329.00	344.50	346.00	361.00	332.50	-	301.00	320.00	-	369.00	365.00	-	346.00	318.00
CLASS C-----	-	-	296.00	296.50	-	-	-	239.00	-	273.50	-	282.50	-	-	299.50	-
COMPUTER PROGRAMMERS (BUSINESS)-----	259.50	224.50	267.50	253.50	277.50	313.00	245.50	240.00	253.00	255.00	\$225.50	294.00	312.50	268.00	289.50	284.50
CLASS A-----	305.50	267.00	-	-	293.50	368.00	277.00	-	292.50	290.00	287.50	330.50	359.50	307.00	332.00	318.00
CLASS B-----	234.50	216.00	262.50	258.00	275.00	290.50	234.00	243.50	253.50	256.50	226.00	273.00	300.00	250.50	275.50	279.00
CLASS C-----	-	-	216.50	201.00	-	254.50	-	-	-	209.50	-	227.00	236.50	252.00	248.00	-
COMPUTER OPERATORS (BUSINESS)-----	165.00	169.50	198.50	213.00	192.00	215.00	175.50	169.00	187.50	183.50	153.00	208.00	235.50	205.50	220.00	219.50
CLASS A-----	-	176.00	230.00	274.00	275.00	252.00	210.50	-	230.00	211.00	194.00	245.00	267.50	262.50	244.50	270.00
CLASS B-----	158.50	184.00	195.00	218.00	171.50	212.50	174.50	183.50	186.00	184.50	152.00	209.00	233.50	151.50	218.00	212.00
CLASS C-----	-	138.00	189.00	140.50	170.50	182.50	143.50	152.00	145.50	153.00	137.00	180.00	184.50	-	184.50	190.00
DRAFTERS (BUSINESS)-----	188.50	202.50	219.00	241.50	217.50	232.50	219.00	230.00	221.50	222.00	178.00	230.00	263.50	247.00	247.00	233.50
CLASS A-----	223.50	281.00	261.50	313.00	271.50	289.00	293.50	-	266.00	302.00	218.50	279.00	301.50	290.00	280.00	277.00
CLASS B-----	196.50	201.00	225.00	230.50	222.00	230.00	229.00	245.50	214.00	233.00	190.00	238.50	246.50	250.00	245.00	236.50
CLASS C-----	167.00	-	179.00	175.00	177.50	180.50	175.00	172.50	178.00	188.50	153.00	186.50	223.50	206.50	205.00	177.50
DRAFTER-TRACERS (BUSINESS)-----	-	-	-	-	-	-	-	-	-	-	-	-	168.00	-	181.00	-
ELECTRONICS TECHNICIANS (BUSINESS)-----	-	-	-	301.00	275.50	321.00	261.00	260.50	-	-	208.00	276.00	264.50	-	284.50	-
CLASS A-----	-	-	-	297.50	-	-	281.50	-	-	-	-	298.00	286.50	-	330.00	-
CLASS B-----	243.00	-	-	-	291.50	333.50	259.00	-	-	-	204.50	272.50	277.00	-	243.50	-
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	223.00	216.50	-	-	-
REGISTERED INDUSTRIAL NURSES-----	-	-	252.00	257.00	250.50	-	-	-	-	232.00	-	242.50	281.50	262.00	248.50	249.00

**Table A-5. Weekly earnings of professional and technical workers, January through December 1977—all industries—Continued**

OCCUPATION AND GRADE	NORTH CENTRAL--CONTINUED															
	CLEVELAND	COLUMBUS	DAVENPORT- ROCK ISLAND- MOLINE	DAYTON	DETROIT	GREEN BAY	INDIAN- APOLIS	KANSAS CITY	MILWAUKEE	MINNE- APOLIS- ST PAUL	OMAHA	SAGINAW	ST LOUIS	SOUTH BEND	TOLEDO	WICHITA
	SEPTEMBER	OCTOBER	MAY	DECEMBER	MARCH	JULY	OCTOBER	SEPTEMBER	APRIL	JANUARY	OCTOBER	NOVEMBER	MARCH	AUGUST	MAY	APRIL
<b>ALL WORKERS</b>																
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	\$386.50	\$325.00	\$414.00	\$376.50	\$399.50	-	\$354.00	\$352.50	\$345.00	\$334.50	\$335.50	-	\$348.50	\$354.00	\$344.00	\$330.00
CLASS A-----	422.00	364.00	-	399.00	438.00	-	381.50	392.00	385.00	366.50	379.00	-	390.50	384.50	371.50	372.00
CLASS B-----	371.50	308.50	389.50	358.00	378.50	-	358.00	324.50	332.50	314.00	328.50	-	320.50	339.00	317.50	314.50
CLASS C-----	279.50	-	-	-	351.50	-	302.00	335.00	272.50	251.50	-	-	271.00	-	-	-
COMPUTER PROGRAMMERS (BUSINESS)-----	310.50	261.50	310.00	301.50	325.50	\$252.00	247.00	298.00	288.00	285.00	268.50	\$334.00	265.50	284.00	268.50	260.00
CLASS A-----	346.00	302.50	364.00	337.50	377.50	293.50	302.00	347.00	339.00	318.50	313.50	-	300.00	319.00	277.00	306.50
CLASS B-----	303.50	257.50	307.00	278.00	308.00	250.50	239.00	276.00	263.00	274.00	280.00	-	259.50	265.50	267.00	270.00
CLASS C-----	244.50	231.50	-	-	258.00	-	195.50	277.50	244.50	224.50	227.50	-	222.50	-	-	226.00
COMPUTER OPERATORS-----	221.00	204.50	256.50	217.50	254.00	197.50	202.00	215.50	210.50	153.00	214.00	272.50	204.50	205.50	216.50	195.50
CLASS A-----	265.50	262.00	310.50	265.50	303.00	-	249.00	275.00	235.00	213.00	237.50	-	252.00	226.50	230.00	226.00
CLASS B-----	222.50	196.50	256.00	212.00	250.50	195.50	210.50	207.00	212.00	198.00	219.50	279.50	203.00	209.00	220.50	188.00
CLASS C-----	189.00	165.50	-	184.00	211.00	-	156.00	174.00	178.00	155.00	182.00	-	177.50	161.50	154.00	170.00
DRAFTERS-----	258.50	229.00	237.00	260.00	364.50	240.00	260.50	226.00	235.50	240.00	231.50	246.00	256.50	237.00	246.00	232.50
CLASS A-----	304.50	285.50	291.50	325.00	416.50	271.50	342.50	297.00	280.00	294.00	279.50	-	315.00	260.50	313.50	264.00
CLASS B-----	252.00	227.00	245.50	247.00	318.50	-	231.00	233.50	226.50	235.00	223.50	275.00	246.50	229.00	240.00	222.50
CLASS C-----	198.00	194.50	201.50	200.00	273.00	-	199.00	174.50	187.00	189.00	173.00	198.50	200.50	194.00	195.00	173.00
DRAFTER-TRACERS-----	-	-	-	165.00	225.50	-	-	-	146.00	-	-	-	176.50	-	163.50	-
ELECTRONICS TECHNICIANS-----	248.00	319.50	247.00	264.50	332.00	-	293.50	345.00	232.00	284.50	273.00	-	288.00	-	-	212.00
CLASS A-----	271.50	341.50	-	276.00	380.00	-	-	-	-	-	314.00	-	340.50	-	-	-
CLASS B-----	254.50	-	259.00	276.50	306.00	-	282.00	316.00	215.50	-	-	-	283.50	-	-	-
CLASS C-----	207.50	-	-	206.50	-	-	-	254.00	-	-	238.00	-	-	-	-	201.50
REGISTERED INDUSTRIAL NURSES--	272.00	244.00	267.00	294.00	311.00	-	290.00	276.00	245.50	247.00	235.50	-	258.00	224.50	260.50	223.00

**Table A-5. Weekly earnings of professional and technical workers, January through December 1977—all industries—Continued**

OCCUPATION AND GRADE	WEST											
	ANAHEIM-SANTA ANA-GARDEN GROVE	BILLINGS	DENVER-BOULDER	FRESNO	LOS ANGELES-LONG BEACH	PORTLAND	SACRAMENTO	SALT LAKE CITY-OGDEN	SAN DIEGO	SAN FRANCISCO-OAKLAND	SAN JOSE	SEATTLE-EVERETT
	OCTOBER	JULY	DECEMBER	JUNE	OCTOBER	MAY	DECEMBER	NOVEMBER	NOVEMBER	MARCH	MARCH	JANUARY
<b>ALL WORKERS</b>												
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	\$382.00	-	\$390.50	-	\$381.00	\$349.50	\$356.00	\$356.50	\$343.50	\$344.00	\$390.50	\$327.50
CLASS A-----	424.50	-	435.50	-	413.00	380.50	-	384.00	399.50	377.00	445.00	347.50
CLASS B-----	369.00	-	351.50	-	349.50	327.00	-	346.00	312.00	323.50	360.50	314.50
CLASS C-----	-	-	326.00	-	310.50	-	-	-	-	278.50	-	318.50
COMPUTER PROGRAMMERS (BUSINESS)-----	318.50	-	295.50	-	312.00	256.00	273.50	271.00	293.50	304.50	333.50	273.50
CLASS A-----	387.50	-	319.00	-	366.50	286.00	-	331.00	349.50	356.00	377.50	298.00
CLASS B-----	319.50	-	292.50	-	292.50	240.50	266.50	272.50	280.50	300.00	298.00	278.50
CLASS C-----	261.50	-	-	-	247.50	-	-	212.00	212.50	245.00	252.00	234.50
COMPUTER OPERATORS-----	247.50	-	238.50	\$213.50	228.00	228.50	201.00	200.50	211.00	245.50	242.00	220.50
CLASS A-----	270.50	-	295.50	-	261.50	271.00	-	252.00	253.00	264.50	264.00	258.50
CLASS B-----	236.00	\$181.00	219.50	-	224.50	221.50	201.00	192.00	197.50	244.50	232.50	208.00
CLASS C-----	198.00	-	177.00	-	187.50	-	177.00	170.50	169.50	196.50	217.50	204.00
DRAFTERS-----	237.50	-	265.50	216.00	267.50	246.50	262.50	225.00	290.00	270.50	266.00	259.00
CLASS A-----	275.50	-	314.00	-	332.50	288.00	-	276.50	329.50	307.50	299.00	-
CLASS B-----	244.50	239.00	256.50	-	245.50	237.00	251.50	231.50	238.50	256.00	243.50	236.50
CLASS C-----	175.50	-	210.00	198.50	198.00	175.50	-	177.00	204.50	203.00	199.50	-
DRAFTERS-TRACERS-----	-	-	-	-	155.50	-	-	-	-	-	-	-
ELECTRONICS TECHNICIANS-----	269.00	334.50	291.00	328.50	303.00	289.50	-	259.00	236.50	275.00	270.00	273.50
CLASS A-----	310.50	-	329.50	-	317.00	290.50	-	300.50	267.00	310.00	305.50	-
CLASS B-----	250.50	329.00	304.00	-	301.00	286.50	-	265.50	233.00	272.50	247.50	267.50
CLASS C-----	192.00	-	-	-	208.00	-	-	-	192.50	211.50	190.00	-
REGISTERED INDUSTRIAL NURSES-----	269.00	-	261.50	-	277.00	-	-	-	-	270.00	278.00	270.00

**Table A-6. Weekly earnings of professional and technical workers, January through December 1977—manufacturing**

OCCUPATION AND GRADE	NORTHEAST														
	ALBANY- SCHENECTADY- TROY	BOSTON	BUFFALO	HARTFORD	NASSAU- SUFFOLK	NEWARK	NEW YORK	NORTHEAST PENNSYLVANIA	PATERSON- CLIFTON- PASSAIC	PHILADELPHIA	PITTSBURGH	PORTLAND	PUUGH- KEEPSIE	PROVIDENCE- WARWICK- PAWTUCKET	TRENTON
	SEPTEMBER	AUGUST	OCTOBER	MARCH	JUNE	JANUARY	MAY	AUGUST	JUNE	NOVEMBER	JANUARY	DECEMBER	JUNE	JUNE	SEPTEMBER
<b>ALL WORKERS</b>															
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	-	\$362.50	\$362.50	-	\$367.00	\$366.00	\$416.50	-	\$417.00	\$381.50	\$383.00	-	-	\$349.00	\$372.50
CLASS A-----	-	390.50	-	\$371.00	-	408.00	456.50	-	448.00	398.50	422.50	-	-	-	401.00
CLASS B-----	-	317.50	340.50	-	-	342.00	392.50	-	395.00	358.50	378.50	-	-	-	-
CLASS C-----	-	-	-	-	-	-	366.00	-	-	-	341.00	-	-	-	-
COMPUTER PROGRAMMERS (BUSINESS)-----	\$312.00	297.50	299.50	269.50	279.50	304.00	324.00	\$229.50	327.50	312.50	274.00	-	-	261.50	311.50
CLASS A-----	326.50	314.50	353.50	303.50	-	332.00	362.50	-	-	343.00	302.00	-	-	-	339.00
CLASS B-----	-	285.50	282.50	265.50	274.50	294.50	296.50	236.00	285.50	288.00	252.00	-	-	-	-
CLASS C-----	-	-	-	-	-	-	251.50	-	-	256.00	-	-	-	-	-
COMPUTER OPERATORS-----	-	225.00	263.00	222.00	213.50	216.00	236.50	193.00	220.00	225.00	214.50	\$195.50	-	176.50	233.50
CLASS A-----	-	252.50	289.50	248.50	-	232.50	263.50	-	-	262.50	259.50	-	-	-	278.50
CLASS B-----	-	208.00	239.00	199.00	203.50	215.00	230.50	175.50	203.00	217.50	203.50	-	-	171.00	-
CLASS C-----	-	-	-	-	-	-	176.00	-	-	180.00	-	-	-	-	-
DRAFTERS-----	-	259.50	279.50	238.00	254.50	240.50	238.50	219.00	217.50	281.00	273.50	237.00	\$241.50	238.00	269.50
CLASS A-----	-	304.00	316.00	268.00	297.50	282.00	291.50	266.00	298.00	323.50	321.00	273.00	-	-	307.50
CLASS B-----	-	251.50	276.00	234.50	245.00	236.00	217.50	219.50	201.00	266.00	283.00	224.00	246.00	233.50	-
CLASS C-----	-	187.00	217.50	186.50	208.50	182.00	202.00	181.00	-	205.00	206.00	-	200.00	-	213.00
DRAFTER-TRACERS-----	-	-	-	-	-	-	-	-	-	-	195.50	-	-	-	-
ELECTRONICS TECHNICIANS-----	-	239.00	280.50	242.50	234.50	217.50	251.50	246.50	-	249.00	279.50	-	-	-	-
CLASS A-----	-	278.00	-	262.00	271.50	251.00	-	260.00	-	273.50	-	-	-	-	-
CLASS B-----	-	227.00	257.00	232.00	230.00	224.50	247.50	241.00	-	249.50	-	-	-	-	-
CLASS C-----	-	187.00	-	-	182.50	-	-	-	-	184.00	-	-	-	-	-
REGISTERED INDUSTRIAL NURSES--	258.50	246.00	277.00	223.00	233.50	243.00	261.00	218.50	242.00	251.50	245.00	-	-	-	246.00

**Table A-6. Weekly earnings of professional and technical workers, January through December 1977—manufacturing—Continued**

OCCUPATION AND GRADE	NORTHEAST--CONTINUED			SOUTH										
	UTICA- ROME	WORCESTER	YORK	ATLANTA	BALTIMORE	BIRMINGHAM	CHATTA- NOOGA	CORPUS CHRISTI	DALLAS- FERT WCRTH	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	GREENVILLE- SPARTANBURG	HOUSTON
	JULY	APRIL	FEBRUARY	MAY	AUGUST	MARCH	SEPTEMBER	JULY	OCTOBER	AUGUST	SEPTEMBER	AUGUST	JUNE	AUGUST
<b>ALL WORKERS</b>														
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	\$349.00	\$368.50	\$306.50	\$343.00	\$369.50	-	\$341.50	-	\$365.50	-	-	\$371.50	\$329.50	\$361.50
CLASS A-----	356.00	-	-	350.50	-	-	-	-	420.50	-	-	419.00	-	423.50
CLASS B-----	-	-	-	-	349.50	-	-	-	357.00	-	-	351.00	-	345.00
CLASS C-----	-	-	-	-	-	-	-	-	292.00	-	-	-	-	-
COMPUTER PROGRAMMERS (BUSINESS)-----	294.00	277.00	260.50	279.50	289.00	\$269.50	227.50	-	275.50	-	-	287.00	276.00	291.50
CLASS A-----	-	-	-	313.00	-	-	-	-	318.00	-	-	346.00	287.50	-
CLASS B-----	-	-	-	238.50	-	-	-	-	270.50	-	-	256.50	267.50	287.50
CLASS C-----	-	-	-	-	-	-	-	-	223.50	-	-	-	-	-
COMPUTER OPERATORS-----	216.00	196.00	207.00	221.00	227.00	172.50	206.00	-	211.00	-	\$180.00	204.00	178.00	215.00
CLASS A-----	-	218.00	-	-	256.00	-	-	-	260.00	-	-	253.50	-	-
CLASS B-----	-	173.00	-	254.00	235.50	-	178.00	-	201.00	-	194.00	188.00	154.50	202.50
CLASS C-----	-	-	-	177.00	178.00	-	-	-	189.50	-	-	-	154.50	-
DRAFTERS-----	221.00	237.50	212.00	217.50	265.50	234.00	192.50	\$249.00	239.50	\$261.00	221.50	240.00	227.00	247.50
CLASS A-----	275.00	271.50	244.50	287.50	324.00	291.50	-	-	281.50	-	-	278.50	237.00	307.50
CLASS B-----	228.00	231.00	217.50	203.00	241.00	204.00	199.00	244.00	238.50	-	233.50	224.00	205.50	236.00
CLASS C-----	179.00	185.00	176.00	193.00	209.00	197.50	-	-	193.50	-	168.50	196.00	165.00	193.50
DRAFTER-TRACERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRONICS TECHNICIANS-----	-	-	-	-	-	-	-	-	254.00	-	-	333.00	255.00	241.00
CLASS A-----	-	-	-	-	331.50	-	-	-	282.50	-	-	-	273.50	292.00
CLASS B-----	-	-	-	-	-	-	-	-	248.50	-	-	-	245.50	232.50
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REGISTERED INDUSTRIAL NURSES--	218.00	-	-	-	281.50	224.00	-	-	261.00	-	-	248.00	197.00	253.00

**Table A-6. Weekly earnings of professional and technical workers, January through December 1977—manufacturing—Continued**

OCCUPATION AND GRADE	SOUTH--CONTINUED												NORTH CENTRAL			
	HUNTS-VILLE	JACKSON	JACKSON-VILLE	LOUIS-VILLE	MEMPHIS	MIAMI	NEW ORLEANS	NORFOLK-VIRGINIA BEACH-PORTSMOUTH	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	WASHINGTON	AKRON	CANTON	CHICAGO	CINCINNATI
	FEBRUARY	JANUARY	DECEMBER	NOVEMBER	NOVEMBER	OCTOBER	JANUARY	MAY	AUGUST	JUNE	MAY	MARCH	DECEMBER	MAY	MAY	JULY
<b>ALL WORKERS</b>																
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	-	-	-	\$406.50	-	-	-	-	\$326.50	\$361.00	-	\$397.00	\$392.50	\$373.00	\$369.50	\$366.50
CLASS A-----	-	-	-	474.50	-	-	-	-	-	406.00	-	-	426.50	-	404.50	-
CLASS B-----	-	-	-	377.50	-	-	-	-	305.00	335.50	-	367.50	366.50	-	345.00	-
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	315.00	-
COMPUTER PROGRAMMERS (BUSINESS)-----	-	-	-	288.00	\$291.50	\$307.00	-	-	249.00	273.50	-	297.00	323.00	292.50	289.00	269.00
CLASS A-----	-	-	-	-	-	-	-	-	-	307.00	-	-	374.00	315.50	320.00	-
CLASS B-----	-	-	-	306.00	-	-	-	-	-	267.50	-	-	307.50	273.00	277.50	253.00
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	-	246.50	-	252.00	-
COMPUTER OPERATORS-----	\$182.00	-	\$206.00	229.50	224.50	-	\$183.00	\$207.50	200.00	199.50	\$166.50	225.00	244.00	235.00	224.50	227.00
CLASS A-----	-	-	-	291.50	-	-	-	-	-	238.00	-	-	273.50	280.00	250.50	248.50
CLASS B-----	-	-	207.00	224.50	202.50	-	-	-	187.00	205.00	167.00	224.00	239.00	-	214.50	238.00
CLASS C-----	-	-	-	-	-	-	-	-	-	158.00	-	-	-	-	152.00	190.00
DRAFTERS-----	173.00	\$208.00	230.00	270.50	221.00	196.00	235.00	-	187.50	225.00	177.50	253.00	263.50	255.50	250.50	240.00
CLASS A-----	-	-	264.00	331.00	244.50	-	-	-	200.00	-	215.00	-	303.00	290.00	283.00	276.50
CLASS B-----	-	201.00	-	254.00	224.00	198.50	218.00	-	194.50	250.00	191.00	261.00	242.50	246.00	246.50	237.00
CLASS C-----	-	-	-	197.50	199.50	164.00	-	-	162.50	188.50	153.50	-	193.50	205.00	214.00	195.00
DRAFTER-TRACERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	171.50	-
ELECTRONICS TECHNICIANS-----	-	-	-	293.50	-	-	-	-	-	-	-	-	-	271.00	-	254.00
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	290.00	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	277.00	-	240.50
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REGISTERED INDUSTRIAL NURSES-----	-	-	-	258.00	-	-	-	-	-	236.50	-	-	282.00	261.00	247.00	250.50



**Table A-6. Weekly earnings of professional and technical workers, January through December 1977—manufacturing—Continued**

OCCUPATION AND GRADE	NORTH CENTRAL--CONTINUED															
	CLEVELAND	COLUMBUS	DAVENPORT- ROCK ISLAND- MCLINE	DAYTON	DETROIT	GREEN BAY	INDIAN- APOLIS	KANSAS CITY	MILWAUKEE	MINNE- APOLIS- ST PAUL	OMAHA	SAGINAW	ST LOUIS	SOUTH BEND	TOLEDO	WICHITA
	SEPTEMBER	OCTOBER	MAY	DECEMBER	MARCH	JULY	OCTOBER	SEPTEMBER	APRIL	JANUARY	OCTOBER	NOVEMBER	MARCH	AUGUST	MAY	APRIL
<b>ALL WORKERS</b>																
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	\$393.50	\$344.00	-	\$380.00	\$414.50	-	\$396.00	\$360.50	\$336.50	\$344.50	-	-	\$326.00	\$344.00	\$353.00	\$294.00
CLASS A-----	424.00	-	-	404.00	455.50	-	411.50	-	379.50	378.00	-	-	355.00	376.00	376.50	-
CLASS B-----	363.00	-	-	363.00	356.00	-	393.50	348.50	324.00	320.00	-	-	306.50	329.50	331.00	295.00
CLASS C-----	-	-	-	-	-	-	-	-	277.00	-	-	-	-	-	-	-
COMPUTER PROGRAMMERS (BUSINESS)-----	309.00	266.00	-	317.50	342.50	\$248.00	298.00	301.00	296.50	304.50	\$273.50	-	266.50	292.50	282.00	256.50
CLASS A-----	337.50	-	\$364.00	341.50	396.00	-	-	-	328.50	348.00	-	-	297.50	343.00	-	-
CLASS B-----	290.00	-	-	297.50	320.50	-	-	290.00	274.50	291.50	-	-	256.50	258.50	283.50	-
CLASS C-----	269.50	-	-	-	259.00	-	-	-	282.00	-	-	-	-	-	-	-
COMPUTER OPERATORS-----	236.00	211.00	270.50	230.00	278.50	214.50	231.50	220.50	205.00	191.00	181.50	-	211.50	214.00	231.00	195.50
CLASS A-----	257.50	262.00	307.50	264.50	327.50	-	-	-	238.50	222.00	-	-	268.00	241.00	233.00	220.00
CLASS B-----	246.00	194.50	277.00	235.50	284.50	-	241.00	224.00	204.00	192.00	-	-	206.00	212.00	238.00	187.50
CLASS C-----	180.50	-	-	-	226.50	-	-	177.00	169.00	162.00	-	-	-	-	-	-
DRAFTERS-----	263.00	219.50	236.00	261.00	385.50	233.50	276.00	243.00	235.50	240.50	237.00	\$246.00	265.00	245.50	250.00	231.50
CLASS A-----	307.50	272.00	293.50	327.00	431.50	267.50	350.50	286.50	279.00	290.00	-	-	325.00	268.00	322.50	256.00
CLASS B-----	250.00	224.00	246.00	249.50	344.50	-	233.50	225.50	220.50	231.50	223.00	275.00	255.00	231.50	237.50	228.00
CLASS C-----	196.00	183.50	200.00	196.00	285.50	-	200.00	186.50	188.00	184.00	-	198.50	206.50	201.00	195.50	177.50
DRAFTERS-TRACERS-----	-	-	-	-	238.50	-	-	-	147.00	-	-	-	-	-	-	-
ELECTRICAL TECHNICIANS-----	235.50	321.00	-	223.50	341.50	-	293.00	318.00	232.00	-	-	-	269.50	-	-	213.50
CLASS A-----	242.50	341.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	254.00	-	-	210.00	-	-	-	-	215.50	-	-	-	276.50	-	-	-
CLASS C-----	204.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	203.50
REGISTERED INDUSTRIAL NURSES-----	272.50	243.50	267.00	295.00	314.00	-	293.00	281.50	245.50	250.00	-	-	260.00	224.50	261.00	221.50

**Table A-6. Weekly earnings of professional and technical workers, January through December 1977—manufacturing—Continued**

OCCUPATION AND GRADE	WEST											
	ANAHEIM-SANTA ANA-GARDEN GROVE	BILLINGS	DENVER-BOULDER	FRESNO	LOS ANGELES-LONG BEACH	PORTLAND	SACRAMENTO	SALT LAKE CITY-CEDEN	SAN DIEGO	SAN FRANCISCO- OAKLAND	SAN JOSE	SEATTLE-EVERETT
	OCTOBER	JULY	DECEMBER	JUNE	OCTOBER	MAY	DECEMBER	NOVEMBER	NOVEMBER	MARCH	MARCH	JANUARY
<b>ALL WORKERS</b>												
COMPUTER SYSTEMS ANALYSTS												
(BUSINESS)-----	\$383.00	-	\$361.00	-	\$389.50	\$360.00	-	-	\$384.00	\$374.50	\$414.00	\$339.00
CLASS A-----	440.00	-	401.00	-	424.00	-	-	-	424.50	419.50	451.50	-
CLASS B-----	373.50	-	334.00	-	356.00	-	-	-	-	357.00	378.50	-
CLASS C-----	-	-	-	-	328.50	-	-	-	-	325.50	-	-
COMPUTER PROGRAMMERS												
(BUSINESS)-----	298.50	-	307.50	-	327.50	264.50	-	\$275.50	313.00	313.00	343.50	-
CLASS A-----	-	-	-	-	375.50	293.00	-	-	379.50	349.00	381.00	-
CLASS B-----	-	-	275.00	-	310.00	245.00	-	-	304.00	296.00	308.00	-
CLASS C-----	-	-	-	-	243.50	-	-	-	-	-	261.50	-
COMPUTER OPERATORS-----	249.00	-	232.50	-	233.50	212.00	-	186.00	235.50	244.50	254.50	211.00
CLASS A-----	274.50	-	268.00	-	264.00	-	-	-	-	275.00	268.50	-
CLASS B-----	219.00	-	218.00	-	223.00	213.00	-	-	215.00	235.00	252.00	-
CLASS C-----	-	-	-	-	200.00	-	-	-	-	-	223.50	-
DRAFTERS-----	229.00	-	260.50	\$216.00	228.50	247.00	\$259.50	217.00	281.50	263.00	270.00	-
CLASS A-----	274.00	-	319.50	-	276.50	292.50	-	277.00	320.00	296.00	303.00	-
CLASS B-----	228.50	-	255.00	-	223.50	233.00	-	228.00	220.50	235.50	245.00	233.00
CLASS C-----	174.00	-	203.50	198.50	181.50	-	-	157.00	190.50	201.50	204.00	-
DRAFTER-TRACERS-----	-	-	-	-	155.00	-	-	-	-	-	-	-
ELECTRONICS TECHNICIANS-----	245.50	\$327.50	263.00	-	281.00	267.00	-	248.00	232.50	264.00	267.00	243.00
CLASS A-----	293.00	-	327.00	-	306.00	-	-	295.50	259.00	307.00	302.50	-
CLASS B-----	229.00	329.00	276.00	-	254.50	-	-	247.50	233.50	253.50	246.00	262.00
CLASS C-----	191.50	-	-	-	205.50	-	-	-	192.50	-	187.00	-
REGISTERED INDUSTRIAL NURSES-----	-	-	257.00	-	276.00	-	-	-	-	275.50	-	-

**Table A-7. Weekly earnings of professional and technical workers, January through December 1977—nonmanufacturing**

OCCUPATION AND GRADE	NORTHEAST														
	ALBANY- SCHENECTADY- TRCY	BOSTON	BUFFALO	HARTFORD	NASSAU- SUFFOLK	NEWARK	NEW YORK	NORTHEAST PENNSYL- VANIA	PATERSON- CLIFTON- PASSAIC	PHILA- DELPHIA	PITTSBURGH	PORTLAND	POUGH- KEEPSIE	PROVIDENCE- WARWICK- PANTUCKET	TRENTON
	SEPTEMBER	AUGUST	OCTOBER	MARCH	JUNE	JANUARY	MAY	AUGUST	JUNE	NOVEMBER	JANUARY	DECEMBER	JUNE	JUNE	SEPTEMBER
<b>ALL WORKERS</b>															
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	-	\$356.00	\$328.00	\$294.50	\$390.50	\$378.50	\$400.00	\$359.00	\$325.00	\$358.50	\$330.00	-	-	\$317.50	-
CLASS A-----	-	400.00	357.00	341.50	413.50	418.00	427.50	-	-	402.50	376.50	-	-	-	-
CLASS B-----	-	336.00	308.00	302.50	364.50	358.50	399.00	-	310.00	308.50	317.00	-	-	-	-
CLASS C-----	-	239.50	-	264.50	-	332.50	323.00	-	-	255.00	-	-	-	-	-
COMPUTER PROGRAMMERS (BUSINESS)-----	\$267.50	265.50	242.00	-	294.50	274.50	313.50	243.50	269.00	298.50	224.50	\$266.50	-	226.00	\$283.00
CLASS A-----	-	320.00	-	-	331.00	312.00	348.00	-	294.50	335.50	279.00	323.50	-	-	-
CLASS B-----	260.00	254.50	243.00	245.50	281.00	277.50	308.00	232.00	248.50	290.00	222.50	272.00	-	-	-
CLASS C-----	-	201.00	216.00	-	233.50	237.00	262.50	-	-	238.50	181.00	196.00	-	-	-
COMPUTER OPERATORS-----	206.50	194.50	198.00	195.00	213.00	226.00	225.00	180.00	204.50	207.00	195.00	194.00	-	172.00	214.50
CLASS A-----	-	220.00	-	216.00	256.00	246.50	264.00	-	238.00	239.50	230.50	-	-	-	224.50
CLASS B-----	212.00	187.50	201.00	193.00	214.00	229.50	214.50	178.50	204.00	203.00	186.00	194.50	-	172.00	224.00
CLASS C-----	-	161.50	-	158.00	165.00	190.50	185.50	-	174.50	170.50	173.50	-	-	-	-
DRAFTERS-----	251.50	258.50	256.00	-	244.50	279.00	255.50	202.00	-	249.50	229.00	-	-	229.50	-
CLASS A-----	268.00	304.00	291.00	-	-	328.00	298.50	-	-	286.00	307.50	-	-	-	-
CLASS B-----	245.00	255.00	250.50	-	258.00	274.50	259.50	-	-	248.50	253.50	-	-	-	-
CLASS C-----	247.00	188.00	212.50	-	-	222.50	232.00	-	-	194.00	180.50	-	-	-	-
DRAFTERS-TRACERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRONICS TECHNICIANS-----	-	293.50	-	-	294.50	-	334.00	260.50	-	-	333.50	-	-	-	-
CLASS A-----	-	307.00	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	267.50	-	-	-	-	-	-	-	-	308.00	-	-	-	-
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REGISTERED INDUSTRIAL NURSES-----	-	-	-	-	-	-	250.50	-	-	258.50	-	-	-	-	-

**Table A-7. Weekly earnings of professional and technical workers, January through December 1977—nonmanufacturing—Continued**

OCCUPATION AND GRADE	NORTHEAST--CONTINUED			SCUTH										
	UTICA- ROME	WORCESTER	YORK	ATLANTA	BALTIMORE	BIRMINGHAM	CHATTA- NOCGA	CORPUS CHRISTI	DALLAS- FERT WCRT	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	GREENVILLE- SPARTANBURG	HCUSTCN
	JULY	APRIL	FEBRUARY	MAY	AUGUST	MARCH	SEPTEMBER	JULY	OCTOBER	AUGUST	SEPTEMBER	AUGUST	JUNE	AUGUST
<b>ALL WORKERS</b>														
COMPUTER SYSTEMS ANALYSTS														
(BUSINESS)-----	-	\$312.00	-	\$356.50	\$327.50	\$351.50	\$346.50	-	\$336.50	-	-	\$341.50	\$326.00	\$345.50
CLASS A-----	-	357.00	-	430.50	384.50	367.00	-	-	373.50	-	-	-	-	413.50
CLASS B-----	-	-	-	349.00	317.50	342.00	-	-	321.00	-	-	-	-	337.00
CLASS C-----	-	-	-	316.00	250.50	-	-	-	266.00	-	-	-	-	264.50
COMPUTER PROGRAMMERS														
(BUSINESS)-----	-	285.00	\$230.00	294.50	276.50	253.00	244.50	\$237.50	261.50	-	-	256.00	238.00	294.00
CLASS A-----	-	327.50	-	315.00	328.50	299.50	278.00	-	331.50	-	-	-	-	337.50
CLASS B-----	-	276.00	-	293.50	278.50	258.50	245.50	-	249.50	-	-	258.00	-	290.00
CLASS C-----	-	-	-	269.00	218.50	187.00	-	-	187.00	-	-	-	-	235.50
COMPUTER OPERATORS	\$180.50	182.50	152.00	220.50	207.00	181.50	160.00	156.50	197.00	-	-	209.00	165.00	206.50
CLASS A-----	-	218.00	-	261.50	262.00	194.50	187.50	-	233.50	-	-	245.50	-	263.50
CLASS B-----	176.00	158.50	162.00	220.50	195.50	191.50	155.50	164.50	156.00	-	-	196.50	170.00	206.50
CLASS C-----	-	-	-	196.00	175.50	143.50	133.50	117.00	154.00	-	-	-	150.00	171.50
DRAFTERS														
CLASS A-----	-	-	-	216.50	252.50	229.00	-	-	263.00	-	-	-	228.50	266.00
CLASS B-----	-	-	-	282.50	282.50	308.50	-	-	304.50	-	-	-	-	332.00
CLASS C-----	-	-	-	221.50	234.00	-	-	-	247.50	-	-	-	-	252.00
CLASS D-----	-	-	-	175.00	-	-	-	-	179.00	-	-	-	-	182.00
DRAFTER-TRACERS														
CLASS A-----	-	-	-	189.00	-	-	-	-	-	-	-	-	-	168.50
ELECTRONICS TECHNICIANS														
CLASS A-----	-	-	-	-	284.50	266.00	-	-	293.50	-	-	-	-	263.00
CLASS B-----	-	-	-	-	323.50	-	-	-	362.50	-	-	-	-	284.50
CLASS C-----	-	-	-	-	289.00	-	-	-	285.50	-	-	-	-	263.00
CLASS D-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REGISTERED INDUSTRIAL NURSES														
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Table A-7. Weekly earnings of professional and technical workers, January through December 1977—nonmanufacturing—Continued**

OCCUPATION AND GRADE	SOUTH--CONTINUED												NORTH CENTRAL			
	HUNTS-VILLE	JACKSON	JACKSON-VILLE	LOUIS-VILLE	MEMPHIS	MIAMI	NEW ORLEANS	NORFOLK-VIRGINIA BEACH-PORTSMOUTH	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	WASHINGTON	AKRON	CANTON	CHICAGO	CINCINNATI
	FEBRUARY	JANUARY	DECEMBER	NOVEMBER	NOVEMBER	OCTOBER	JANUARY	MAY	AUGUST	JUNE	MAY	MARCH	DECEMBER	MAY	MAY	JULY
<b>ALL WORKERS</b>																
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	-	\$288.50	\$330.50	\$359.00	\$361.00	\$371.00	\$322.50	-	\$364.50	\$313.50	-	\$367.00	-	-	\$359.00	\$323.50
CLASS A-----	-	293.50	-	-	-	-	-	-	398.00	347.00	-	421.00	-	-	391.50	366.00
CLASS B-----	-	282.00	328.00	313.50	356.50	-	-	-	-	310.00	-	369.00	-	-	344.50	298.50
CLASS C-----	-	-	296.00	-	-	-	-	-	-	274.00	-	282.50	-	-	283.50	-
COMPUTER PROGRAMMERS (BUSINESS)-----	-	224.00	266.50	240.00	275.50	314.00	245.50	-	253.50	249.50	\$226.00	293.50	\$269.50	\$230.50	285.50	288.50
CLASS A-----	-	267.00	-	-	297.00	372.50	273.50	-	293.50	279.50	287.50	330.50	-	-	340.50	321.50
CLASS B-----	-	215.00	261.00	232.00	271.00	289.00	239.00	-	258.00	254.00	230.50	274.50	266.00	228.50	274.50	286.50
CLASS C-----	-	-	216.50	-	-	255.50	-	-	-	207.00	-	231.50	-	-	246.00	-
COMPUTER OPERATORS-----	-	169.00	197.50	205.50	187.00	215.50	174.00	\$162.00	183.50	175.50	151.00	206.00	219.00	168.50	217.50	215.00
CLASS A-----	-	176.00	233.50	261.50	266.50	252.00	207.00	-	229.00	196.00	195.00	245.00	-	-	240.00	284.50
CLASS B-----	-	184.50	193.50	214.50	165.50	214.00	172.50	176.00	185.50	176.00	147.50	207.00	218.50	182.50	220.00	198.50
CLASS C-----	-	138.00	189.50	140.50	168.00	184.00	141.50	146.50	142.00	148.50	136.50	180.00	176.50	-	181.50	190.00
DRAFTERS-----	\$195.00	198.00	212.50	197.50	-	247.00	213.00	-	265.00	-	-	225.00	-	225.50	242.00	198.50
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	272.00	-	-	275.50	-
CLASS B-----	-	-	-	-	-	245.00	237.50	-	247.50	-	-	232.00	-	-	240.00	-
CLASS C-----	-	-	-	-	-	-	173.00	-	-	-	-	187.00	-	-	204.00	-
DRAFTER-TRACERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRONICS TECHNICIANS-----	-	-	-	-	-	350.00	275.00	-	-	-	-	283.00	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	321.50	-	-	-	-
CLASS B-----	250.00	-	-	-	-	-	-	-	-	-	-	273.00	-	-	-	-
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	223.00	-	-	-	-
REGISTERED INDUSTRIAL NURSES-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	255.00	-

**Table A-7. Weekly earnings of professional and technical workers, January through December 1977—nonmanufacturing—Continued**

OCCUPATION AND GRADE	NORTH CENTRAL--CONTINUED															
	CLEVELAND	COLUMBUS	DAVENPORT- ROCK ISLAND- MOLINE	DAYTON	DETROIT	GREEN BAY	INDIAN- APOLIS	KANSAS CITY	MILWAUKEE	MINNE- APCLIS- ST PAUL	OMAHA	SAGINAW	ST LOUIS	SCUTH BEND	TOLEDO	WICHITA
	SEPTEMBER	OCTOBER	MAY	DECEMBER	MARCH	JULY	OCTOBER	SEPTEMBER	APRIL	JANUARY	OCTOBER	NOVEMBER	MARCH	AUGUST	MAY	APRIL
<b>ALL WORKERS</b>																
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	\$380.50	\$318.50	\$349.50	-	\$384.00	-	\$326.50	\$351.00	\$356.50	\$326.50	\$336.00	-	\$375.50	-	\$294.50	-
CLASS A-----	419.50	353.50	-	-	426.50	-	358.00	392.00	392.00	356.50	380.00	-	432.00	-	-	\$379.00
CLASS B-----	376.00	301.00	-	-	352.00	-	333.50	319.00	342.00	305.50	328.50	-	335.00	-	-	-
CLASS C-----	-	-	-	-	300.00	-	275.00	-	-	258.00	-	-	-	-	-	-
COMPUTER PROGRAMMERS (BUSINESS)-----	311.50	261.00	265.00	\$261.00	311.00	-	230.50	297.00	281.50	267.50	268.00	-	265.00	-	234.50	261.50
CLASS A-----	359.50	304.50	-	-	357.00	-	270.00	340.00	-	295.50	313.50	-	303.00	-	-	-
CLASS B-----	311.00	258.00	253.50	247.50	258.50	-	229.00	267.50	255.00	257.50	280.00	-	262.50	-	-	278.50
CLASS C-----	220.00	231.50	-	-	257.00	-	191.00	279.50	205.00	203.50	229.00	-	217.00	-	-	-
COMPUTER OPERATORS-----	209.00	202.00	216.00	194.50	228.00	\$181.00	187.50	219.00	216.50	154.00	217.50	-	198.00	\$198.00	191.00	195.50
CLASS A-----	275.50	262.00	-	-	277.50	-	235.00	271.00	230.50	209.00	237.50	-	236.50	-	221.00	231.00
CLASS B-----	198.00	197.50	221.00	175.50	221.00	-	195.50	199.50	221.00	200.50	225.00	-	201.00	207.00	191.00	188.50
CLASS C-----	192.50	165.50	-	-	187.00	-	149.00	172.50	185.00	156.50	183.50	-	143.50	-	-	171.50
DRAFTERS-----	247.00	244.50	247.00	257.50	281.50	-	218.00	216.00	235.00	239.50	230.50	-	240.50	208.00	236.00	-
CLASS A-----	294.00	306.50	-	317.00	321.50	-	-	309.50	-	308.50	282.50	-	296.50	-	-	-
CLASS B-----	259.00	231.00	-	238.00	271.50	-	-	240.00	-	240.00	224.00	-	230.00	-	-	-
CLASS C-----	200.50	212.50	-	213.50	231.50	-	-	-	-	197.00	-	-	183.50	-	-	-
DRAFTER-TRACERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRONICS TECHNICIANS-----	-	-	270.50	301.00	312.00	-	-	357.00	-	301.50	-	-	341.50	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	332.50	-	-	-	-	-
CLASS B-----	-	-	-	310.00	-	-	-	-	-	-	-	-	-	-	-	-
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REGISTERED INDUSTRIAL NURSES-----	-	-	-	-	284.50	-	-	-	-	-	-	-	-	-	-	-

**Table A-7. Weekly earnings of professional and technical workers, January through December 1977—nonmanufacturing—Continued**

OCCUPATION AND GRADE	WEST											
	ANAHEIM-SANTA ANA-GARDEN GROVE	BILLINGS	DENVER-BOULDER	FRESNO	LOS ANGELES-LONG BEACH	PORTLAND	SACRAMENTO	SALT LAKE CITY-CGDEN	SAN DIEGO	SAN FRAN-CISCO-OAKLAND	SAN JOSE	SEATTLE-EVERETT
	OCTOBER	JULY	DECEMBER	JUNE	OCTOBER	MAY	DECEMBER	NOVEMBER	NOVEMBER	MARCH	MARCH	JANUARY
<b>ALL WORKERS</b>												
COMPUTER SYSTEMS ANALYSTS (BUSINESS)-----	\$380.50	-	\$402.00	-	\$373.50	\$346.00	-	\$361.00	\$326.00	\$334.00	\$370.00	\$326.50
CLASS A-----	411.00	-	448.00	-	404.50	380.50	-	-	383.00	367.00	436.50	345.50
CLASS B-----	364.00	-	361.00	-	343.00	320.50	-	-	299.00	310.00	347.00	316.00
CLASS C-----	-	-	336.50	-	295.50	-	-	-	-	251.50	-	318.50
COMPUTER PROGRAMMERS (BUSINESS)-----	321.50	-	292.00	-	303.00	250.50	\$265.00	270.50	278.00	302.50	280.00	275.00
CLASS A-----	-	-	304.00	-	361.00	280.50	-	328.50	331.00	358.00	-	297.00
CLASS B-----	327.00	-	296.00	-	282.50	238.00	-	274.50	255.50	301.00	272.00	275.00
CLASS C-----	262.00	-	-	-	245.00	-	-	210.50	-	248.50	-	242.00
COMPUTER OPERATORS-----	246.00	-	240.00	-	224.50	236.00	190.50	202.50	203.00	245.50	209.50	221.50
CLASS A-----	261.00	-	303.00	-	259.50	276.00	-	256.50	242.50	261.00	-	256.00
CLASS B-----	246.00	\$187.00	220.00	-	225.00	224.50	195.00	193.50	191.50	248.50	201.50	210.00
CLASS C-----	-	-	173.50	-	184.00	-	177.50	173.50	161.50	193.50	-	207.00
DRAFTERS-----	288.50	-	275.50	-	327.00	245.50	-	-	310.00	279.00	247.50	245.50
CLASS A-----	-	-	307.00	-	387.50	-	-	-	-	325.50	277.50	290.50
CLASS B-----	302.00	-	261.00	-	292.00	248.50	-	-	268.50	271.50	-	248.50
CLASS C-----	-	-	-	-	225.50	-	-	-	-	204.50	-	-
DRAFTER-TRACERS-----	-	-	-	-	-	-	-	-	-	-	-	-
ELECTRONICS TECHNICIANS-----	-	-	311.50	-	332.00	-	-	285.50	-	318.00	-	-
CLASS A-----	-	-	331.00	-	343.50	-	-	-	-	317.50	333.50	-
CLASS B-----	-	-	316.50	-	-	-	-	-	-	321.00	-	-
CLASS C-----	-	-	-	-	-	-	-	-	-	-	-	-
REGISTERED INDUSTRIAL NURSES-----	-	-	-	-	279.00	-	-	-	-	-	-	-

Table A-8. Hourly earnings<sup>3</sup> of plant workers, January through December 1977—all industries

OCCUPATION	NORTHEAST														
	ALBANY- SCHENECTADY- TROY	BOSTON	BUFFALO	HARTFORD	NASSAU- SUFFOLK	NEWARK	NEW YORK	NORTHEAST PENNSYL- VANIA	PATERSON- CLIFTON- PASSAIC	PHILA- DELPHIA	PITTSBURGH	PORTLAND	POUGH- KEEPSIE	PROVIDENCE- WARWICK- PAWTUCKET	TRENTON
	SEPTEMBER	AUGUST	OCTOBER	MARCH	JUNE	JANUARY	MAY	AUGUST	JUNE	NOVEMBER	JANUARY	DECEMBER	JUNE	JUNE	SEPTEMBER
<b>ALL WORKERS</b>															
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>															
CARPENTERS-----	\$6.61	\$6.68	\$7.91	\$6.52	\$6.53	\$7.24	\$7.04	\$5.75	\$6.71	\$7.68	\$7.24	-	-	\$5.29	\$6.82
ELECTRICIANS-----	7.00	7.06	8.12	6.39	6.84	7.06	7.10	6.53	6.82	7.57	7.32	\$5.92	\$6.72	6.00	7.60
PAINTERS-----	6.46	6.45	7.72	6.37	6.12	7.04	6.33	-	-	7.05	6.78	-	-	-	6.82
MACHINISTS-----	6.83	6.68	7.60	5.92	6.58	6.89	7.76	6.32	6.98	7.70	7.76	5.23	6.76	5.85	6.59
MECHANICS (MACHINERY)-----	6.58	6.56	8.53	6.29	6.51	6.51	6.87	5.52	6.37	7.02	7.06	5.16	-	5.42	7.20
MECHANICS (MOTOR VEHICLES)-----	7.56	7.62	7.51	6.98	6.49	7.40	7.58	7.09	7.15	8.03	7.37	6.39	-	6.42	7.43
PIPEFITTERS-----	7.08	7.09	8.19	-	-	7.29	6.93	6.71	7.01	7.67	7.10	-	-	5.80	7.57
SHEET-METAL WORKERS-----	6.90	6.79	8.45	-	-	7.01	7.33	-	-	7.24	6.57	-	-	-	-
MILLWRIGHTS-----	7.23	6.02	8.24	-	-	7.25	8.91	-	-	7.77	-	-	-	-	8.56
TRADES HELPERS-----	-	5.09	6.92	5.22	-	5.06	5.88	3.72	-	5.80	6.60	4.66	-	4.04	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	6.37	6.24	8.78	5.77	6.97	7.32	-	-	-	6.87	6.91	-	-	-	-
TOOL AND DIE MAKERS-----	-	7.08	8.62	6.50	6.52	7.18	6.81	6.93	6.92	7.39	7.31	5.60	6.82	6.41	-
STATIONARY ENGINEERS-----	6.61	7.09	7.37	6.41	7.91	7.86	7.64	5.26	6.83	7.11	7.30	-	-	-	6.64
BOILER TENDERS-----	5.86	5.85	7.31	5.60	-	6.26	6.94	4.52	6.34	6.59	6.32	-	-	4.71	5.50
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>															
TRUCKDRIVERS-----	7.10	6.88	7.19	5.29	6.72	7.41	6.82	7.17	5.62	7.86	6.88	6.06	5.72	6.47	6.67
LIGHT TRUCK-----	5.03	4.92	6.08	-	5.01	-	5.37	-	4.50	4.69	6.14	3.82	-	3.40	-
MEDIUM TRUCK-----	6.43	6.23	6.64	5.35	6.99	7.48	6.61	6.26	4.42	7.42	6.27	4.41	4.34	5.22	-
HEAVY TRUCK-----	-	7.15	6.98	6.15	6.42	6.43	6.53	6.00	5.07	8.38	7.08	-	-	6.50	-
TRACTOR-TRAILER-----	7.67	7.89	8.04	6.42	7.46	7.50	7.43	7.69	7.76	8.50	7.11	6.36	-	8.15	-
SHIPPERS-----	5.87	4.99	5.37	5.21	5.18	5.53	5.78	5.02	5.49	5.93	5.33	4.57	-	4.11	-
RECEIVERS-----	5.47	5.28	5.59	4.81	4.57	5.38	5.50	4.68	5.96	5.69	5.15	4.39	-	4.20	4.94
SHIPPERS AND RECEIVERS-----	5.03	5.10	6.20	4.28	4.77	5.37	5.55	4.36	5.43	5.52	5.83	3.52	3.88	4.59	-
WAREHOUSE MEN-----	5.76	5.24	5.95	4.36	5.34	6.13	5.33	4.96	4.71	6.08	5.81	3.66	4.02	4.63	4.98
ORDER FILLERS-----	4.33	5.74	4.95	5.08	4.88	5.31	5.49	5.10	4.92	5.81	4.69	4.63	-	3.90	4.75
SHIPPING PACKERS-----	4.15	4.57	5.71	4.37	3.67	4.57	4.64	4.30	3.96	4.65	4.95	3.69	-	3.50	3.96
MATERIAL HANDLING LABORERS-----	5.61	4.94	6.59	4.43	4.39	5.39	5.70	5.63	4.52	5.37	5.51	5.33	4.57	3.84	4.75
FORKLIFT OPERATORS-----	5.87	5.89	6.60	5.21	5.81	5.81	6.05	5.23	5.99	6.01	5.84	4.65	5.20	4.79	5.68
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	5.67	-	6.77	-	-	4.52	-	-	-	7.08	6.62	-	-	-	-
GUARDS-----	-	-	-	-	-	-	-	2.99	-	-	-	-	-	4.02	-
CLASS A-----	-	-	-	-	-	-	-	3.70	-	-	-	-	-	3.97	-
CLASS B-----	-	-	-	-	-	-	-	2.90	-	-	-	-	-	2.59	-
GUARDS AND WATCHMEN-----	3.30	3.09	3.80	3.32	3.10	3.18	3.67	-	3.30	3.19	3.61	-	2.98	-	3.56
JANITORS, PORTERS, AND CLEANERS-----	4.01	3.62	3.82	3.28	3.91	3.61	5.05	3.49	4.24	4.40	3.81	4.26	3.89	3.35	3.54

See footnote at end of B-series tables.



Table A-8. Hourly earnings<sup>1</sup> of plant workers, January through December 1977—all industries—Continued

	NORTHEAST--CONTINUED			SOUTH										
	UTICA- ROME	WORCESTER	YORK	ATLANTA	BALTIMORE	BIRMINGHAM	CHATTA- NOOGA	CORPUS CHRISTI	DALLAS- FORT WORTH	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	GREENVILLE- SPARTANBURG	HOUSTON
	JULY	APRIL	FEBRUARY	MAY	AUGUST	MARCH	SEPTEMBER	JULY	OCTOBER	AUGUST	SEPTEMBER	AUGUST	JUNE	AUGUST
<b>ALL WORKERS</b>														
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>														
CARPENTERS-----	\$5.95	\$5.93	\$5.65	\$7.48	\$7.05	\$6.44	\$5.86	\$7.70	\$6.60	-	-	\$5.29	\$4.60	\$7.97
ELECTRICIANS-----	6.39	6.49	6.67	7.66	7.71	6.89	6.42	7.92	7.13	-	-	6.71	5.34	8.07
PAINTERS-----	-	-	-	7.65	6.08	5.95	6.14	7.49	6.12	-	-	5.97	-	7.76
MACHINISTS-----	6.62	6.69	6.01	7.19	7.84	6.85	6.38	8.24	6.89	-	-	-	5.29	8.08
MECHANICS (MACHINERY)-----	6.33	6.10	6.22	6.59	7.72	6.85	6.42	7.69	6.48	\$5.04	\$5.47	6.93	5.21	7.70
MECHANICS (MOTOR VEHICLES)-----	6.54	6.58	6.66	7.23	7.50	5.90	5.81	5.39	6.78	-	6.45	7.30	5.72	7.08
PIPEFITTERS-----	6.42	6.28	6.71	8.06	7.87	-	-	8.28	-	-	-	-	-	8.39
SHEET-METAL WORKERS-----	-	-	-	-	7.83	-	-	-	-	-	-	-	-	8.11
MILLWRIGHTS-----	-	6.14	-	8.25	7.84	6.51	-	-	-	-	-	-	-	8.47
TRADES HELPERS-----	-	4.21	4.92	5.39	-	5.56	5.19	-	5.21	-	-	4.79	-	5.18
MACHINE-TOOL OPERATORS (TOOLROOM)-----	6.24	-	-	-	7.19	6.14	-	-	6.58	-	-	-	-	6.67
TOOL AND DIE MAKERS-----	6.55	5.48	6.86	7.47	7.93	6.50	6.13	-	7.43	-	-	-	5.49	7.03
STATIONARY ENGINEERS-----	6.39	6.17	7.20	7.06	6.72	7.03	6.78	7.75	6.54	-	-	7.20	5.10	6.41
BOILER TENDERS-----	-	5.75	4.93	-	7.57	-	4.96	-	4.19	-	-	4.68	-	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>														
TRUCKDRIVERS-----	5.89	6.06	6.27	6.11	6.56	4.63	4.63	5.51	6.01	3.65	4.87	5.41	5.24	5.47
LIGHT TRUCK-----	-	-	3.47	3.70	5.53	3.86	3.41	-	3.69	-	-	-	3.14	3.94
MEDIUM TRUCK-----	3.89	4.78	6.10	5.66	5.50	4.45	4.51	5.58	6.83	3.86	-	5.29	4.98	5.41
HEAVY TRUCK-----	4.89	5.36	4.93	-	5.96	-	-	-	4.32	-	-	-	4.48	5.17
TRACTOR-TRAILER-----	7.03	6.65	6.60	7.32	7.62	4.70	4.43	6.24	6.75	-	-	5.73	5.98	6.81
SHIPPERS-----	4.71	4.56	6.00	5.96	5.53	4.99	4.23	-	4.46	-	-	4.69	4.17	4.90
RECEIVERS-----	4.78	4.81	4.37	5.33	5.25	4.33	4.23	-	5.03	4.01	4.15	5.04	3.96	4.99
SHIPPERS AND RECEIVERS-----	4.59	4.71	4.59	5.04	4.94	6.36	3.72	-	4.92	-	-	5.95	-	4.80
WAREHOUSEMEN-----	3.88	-	5.37	5.30	5.21	4.01	5.13	4.73	5.04	4.27	3.81	4.96	4.04	4.98
ORDER FILLERS-----	4.06	4.81	4.10	4.73	5.91	3.44	3.76	-	4.91	-	-	3.62	3.64	4.58
SHIPPING PACKERS-----	4.13	4.42	3.65	4.30	4.62	4.12	3.60	-	3.69	-	-	4.22	3.51	3.54
MATERIAL HANDLING LABORERS-----	4.16	5.05	5.15	4.99	5.47	3.66	4.60	3.54	4.18	3.77	-	5.00	3.76	3.99
FORKLIFT OPERATORS-----	5.37	5.70	5.24	5.31	6.34	4.29	4.32	4.51	5.50	-	3.52	5.66	3.82	5.34
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	-	5.12	5.22	7.58	-	3.85	-	7.06	-	-	-	3.56	-
GUARDS-----	4.31	-	-	-	-	-	-	3.06	-	-	-	2.87	-	3.35
CLASS A-----	-	-	-	-	-	-	-	6.30	-	-	-	-	-	-
CLASS B-----	4.07	-	-	-	-	-	-	2.59	-	-	-	2.93	-	3.33
GUARDS AND WATCHMEN-----	-	3.56	3.85	3.03	3.24	2.74	3.01	-	3.05	-	-	-	2.69	-
JANITORS, PORTERS, AND CLEANERS-----	3.69	3.70	3.78	3.01	3.24	2.74	3.50	2.60	3.00	3.37	3.13	3.26	2.97	2.70

See footnote at end of B-series tables.

Table A-8. Hourly earnings<sup>3</sup> of plant workers, January through December 1977—all industries—Continued

OCCUPATION	SOUTH--CONTINUED												NORTH CENTRAL			
	HUNTS-VILLE	JACKSON	JACKSON-VILLE	LOUIS-VILLE	MEMPHIS	MIAMI	NEW ORLEANS	NORFOLK-VIRGINIA BEACH-PORTSMOUTH	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	WASHINGTON	AKRON	CANTON	CHICAGO	CINCINNATI
	FEBRUARY	JANUARY	DECEMBER	NOVEMBER	NOVEMBER	OCTOBER	JANUARY	MAY	AUGUST	JUNE	MAY	MARCH	DECEMBER	MAY	MAY	JULY
<b>ALL WORKERS</b>																
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>																
CARPENTERS-----	-	-	\$7.29	\$6.77	\$6.87	\$7.44	\$6.10	-	-	\$7.36	\$4.64	\$7.49	\$7.29	\$7.34	\$7.66	\$7.27
ELECTRICIANS-----	\$5.97	\$5.51	7.80	8.25	7.88	7.50	6.65	\$6.92	\$6.11	7.57	5.53	7.86	7.66	7.45	8.04	7.37
PAINTERS-----	-	-	7.69	6.90	7.34	4.94	5.30	-	-	5.69	3.83	6.17	7.47	-	7.52	7.04
MACHINISTS-----	-	5.69	7.55	8.03	7.72	8.41	7.14	5.92	6.79	7.47	-	8.60	7.48	7.80	7.64	6.95
MECHANICS (MACHINERY)-----	5.89	5.36	6.59	7.60	7.08	5.97	6.54	5.76	6.52	7.58	5.41	6.40	7.52	7.26	7.33	6.88
MECHANICS (MOTOR VEHICLES)-----	5.22	5.84	6.39	7.24	7.91	6.49	6.23	5.83	6.94	6.75	5.38	7.16	8.17	6.71	8.42	7.85
PIPEFITTERS-----	-	-	8.68	8.26	7.80	-	7.02	-	-	7.61	-	-	7.62	7.39	7.90	7.68
SHEET-METAL WORKERS-----	-	-	-	8.77	-	-	-	-	-	-	-	-	7.73	-	7.81	7.78
MILLWRIGHTS-----	-	-	-	8.92	8.45	-	-	-	-	-	-	-	8.60	7.79	7.83	7.84
TRADES HELPERS-----	-	-	4.69	6.04	5.91	4.02	5.82	4.38	5.02	6.16	4.65	4.81	6.29	6.59	5.81	5.86
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	-	-	-	-	-	-	7.51	-	7.56	7.11
TOOL AND DIE MAKERS-----	-	-	-	8.20	7.18	6.35	-	-	7.21	-	-	-	-	7.26	8.26	7.64
STATIONARY ENGINEERS-----	6.43	5.03	6.98	7.47	7.14	5.45	5.59	-	6.32	6.96	5.21	7.39	7.77	7.19	8.49	7.71
BOILER TENDERS-----	-	-	7.03	5.80	5.17	-	5.17	4.91	-	6.03	-	4.13	6.80	6.80	6.92	6.89
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>																
TRUCKDRIVERS-----	4.19	4.34	4.58	6.63	5.84	5.07	4.66	4.36	6.02	5.11	4.67	6.16	7.48	6.48	8.29	7.43
LIGHT TRUCK-----	-	2.81	3.47	3.32	3.41	3.68	3.23	2.68	3.24	3.68	2.89	4.10	5.47	5.65	6.42	7.16
MEDIUM TRUCK-----	4.17	4.74	4.32	6.79	4.99	4.10	4.71	3.91	6.36	4.31	5.13	5.17	6.90	5.39	8.05	6.77
HEAVY TRUCK-----	-	3.31	-	6.27	5.77	5.52	4.24	4.10	-	4.58	3.71	6.22	6.97	-	8.06	7.02
TRACTOR-TRAILER-----	4.80	5.01	5.30	7.64	7.01	6.91	6.22	5.27	6.76	5.77	4.78	7.28	7.94	7.01	8.56	7.49
SHIPPERS-----	-	-	-	5.67	6.52	-	4.65	4.26	4.43	5.16	3.79	4.80	5.92	5.83	6.57	5.15
RECEIVERS-----	4.00	3.71	5.01	6.04	5.69	4.40	4.05	4.98	4.28	4.58	4.07	4.85	5.97	5.57	5.66	5.47
SHIPPERS AND RECEIVERS-----	3.99	4.52	4.82	4.96	-	4.93	4.36	4.14	3.94	5.19	3.62	4.44	5.42	5.05	5.37	5.12
WAREHOUSEMEN-----	4.19	3.66	4.53	5.17	4.95	5.13	4.33	4.74	4.40	4.19	3.33	5.99	5.78	-	5.83	5.57
ORDER FILLERS-----	-	3.20	3.87	4.87	4.42	4.02	3.68	4.30	5.63	4.42	3.33	6.19	5.73	6.31	5.92	5.09
SHIPPING PACKERS-----	-	3.78	3.50	4.60	4.49	3.44	3.44	-	4.69	5.31	3.17	4.06	5.45	6.27	4.90	4.56
MATERIAL HANDLING LABORERS-----	3.25	3.54	4.13	5.45	4.13	3.89	3.58	3.75	4.44	4.39	3.50	4.22	7.10	5.63	6.48	5.56
FORKLIFT OPERATORS-----	4.03	3.78	5.38	6.12	5.50	4.57	4.90	4.20	5.75	4.87	3.90	6.03	6.60	5.62	5.78	6.03
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	3.34	-	6.77	-	-	-	4.32	-	-	-	-	6.57	6.34	6.06	6.42
GUARDS-----	-	2.61	-	3.46	-	-	2.61	-	2.73	3.23	2.59	-	-	3.67	3.67	3.31
CLASS A-----	-	-	-	5.80	-	-	-	-	4.50	4.88	-	-	-	3.56	4.00	5.78
CLASS B-----	2.72	2.47	-	2.84	-	-	2.54	-	2.58	3.01	2.58	-	-	4.84	3.56	3.45
GUARDS AND WATCHMEN-----	-	-	2.68	-	3.27	2.76	-	3.36	-	-	-	3.08	4.19	-	-	-
JANITORS, PORTERS, AND CLEANERS-----	2.73	2.59	2.89	3.61	2.98	2.85	2.66	3.03	2.60	3.27	2.64	2.92	4.60	4.21	4.54	3.76

See footnote at end of B-series tables.

Table A-8. Hourly earnings<sup>3</sup> of plant workers, January through December 1977—all industries—Continued

OCCUPATION	NORTH CENTRAL--CONTINUED															
	CLEVELAND	COLUMBUS	DAVENPORT- ROCK ISLAND- MOLINE	DAYTON	DETROIT	GREEN BAY	INDIAN- APOLIS	KANSAS CITY	MILWAUKEE	MINNE- APOLIS- ST PAUL	OMAHA	SAGINAW	ST LOUIS	SOUTH BEND	TOLEDO	WICHITA
	SEPTEMBER	OCTOBER	MAY	DECEMBER	MARCH	JULY	OCTOBER	SEPTEMBER	APRIL	JANUARY	OCTOBER	NOVEMBER	MARCH	AUGUST	MAY	APRIL
<b>ALL WORKERS</b>																
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>																
CARPENTERS-----	\$8.28	\$6.95	\$8.00	\$7.94	\$8.34	-	\$7.87	\$9.09	\$7.45	\$7.25	\$8.02	-	\$7.11	\$7.45	\$7.12	\$5.88
ELECTRICIANS-----	8.29	7.43	8.29	8.25	8.60	\$7.20	8.28	8.32	8.27	8.42	7.60	-	7.64	7.62	7.77	6.32
PAINTERS-----	8.36	-	7.24	7.65	8.33	-	7.85	8.73	7.68	7.38	6.97	-	7.20	7.86	7.21	5.72
MACHINISTS-----	7.52	7.22	8.02	7.54	8.12	6.90	7.63	8.24	8.32	7.49	7.56	-	7.54	6.35	7.35	7.56
MECHANICS (MACHINERY)-----	8.10	6.94	7.94	8.03	8.34	7.00	8.10	7.39	7.29	6.73	6.61	-	6.75	7.12	7.41	6.41
MECHANICS (MOTOR VEHICLES)-----	7.96	8.01	7.86	7.02	8.10	7.75	8.04	7.75	7.88	7.73	7.48	-	7.12	7.82	7.82	6.97
PIPEFITTERS-----	8.36	8.31	8.20	8.58	8.42	7.14	8.46	8.38	8.41	8.16	8.09	-	7.77	8.01	7.89	-
SHEET-METAL WORKERS-----	8.20	8.30	-	8.83	8.42	-	8.72	8.26	7.73	-	-	-	7.46	-	8.10	-
MILLRIGHTS-----	8.51	8.22	8.06	8.43	8.42	-	8.94	8.56	8.10	7.36	-	-	7.64	7.78	7.62	-
TRADES HELPERS-----	6.66	-	6.71	-	6.69	-	5.33	6.46	5.95	5.54	5.97	-	6.11	5.70	6.33	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	7.91	8.00	8.04	8.99	8.66	-	8.57	7.43	7.64	-	-	-	7.41	-	8.15	-
TOOL AND DIE MAKERS-----	8.19	8.35	8.73	8.83	8.61	-	8.42	8.11	8.27	7.56	-	-	8.15	7.23	8.23	6.45
STATIONARY ENGINEERS-----	7.88	7.27	8.18	7.49	8.24	-	6.67	7.81	7.23	7.39	6.38	-	7.28	-	7.12	6.07
BOILER TENDERS-----	7.01	5.59	7.61	6.16	8.03	6.54	5.90	-	6.26	6.78	-	-	6.79	7.76	6.78	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>																
TRUCKDRIVERS-----	7.41	6.85	7.06	6.33	7.14	7.35	7.41	7.61	7.00	7.35	7.07	\$6.96	7.09	6.77	7.20	6.53
LIGHT TRUCK-----	5.36	4.92	4.43	4.97	5.60	-	6.06	6.46	-	6.71	3.49	-	5.52	-	5.58	-
MEDIUM TRUCK-----	7.18	4.64	5.65	5.63	6.78	-	7.09	6.74	6.13	7.29	7.03	6.83	6.91	6.12	6.32	5.81
HEAVY TRUCK-----	6.96	6.66	6.66	-	7.51	-	7.02	8.19	7.56	7.28	-	-	6.75	-	6.81	-
TRACTOR-TRAILER-----	8.08	7.92	7.44	6.84	7.46	7.69	8.16	8.02	7.75	7.08	7.68	-	7.56	6.42	7.70	7.21
SHIPPERS-----	5.72	5.46	5.67	4.56	7.07	-	5.40	5.33	6.07	6.18	4.14	-	5.51	5.94	5.93	4.72
RECEIVERS-----	5.60	4.91	6.19	4.63	5.70	5.36	5.09	5.79	5.23	5.95	4.15	6.54	5.76	5.68	5.39	4.91
SHIPPERS AND RECEIVERS-----	5.73	4.94	4.47	5.46	6.69	-	5.01	6.33	5.50	5.75	5.32	-	5.61	5.54	6.22	-
WAREHOUSEMEN-----	5.84	5.67	6.15	5.72	6.28	7.11	5.20	6.14	6.41	5.75	7.10	5.94	6.07	-	-	3.90
ORDER FILLERS-----	5.33	4.61	5.92	5.94	6.55	5.62	4.98	5.56	4.96	6.42	5.11	-	5.79	-	4.79	-
SHIPPING PACKERS-----	5.18	5.39	6.39	6.42	6.08	4.18	4.82	4.96	5.31	5.19	4.57	6.78	5.19	4.59	5.85	4.15
MATERIAL HANDLING LABORERS-----	6.05	5.53	6.53	5.89	6.41	5.35	6.37	6.15	5.69	6.26	5.43	6.91	5.71	5.53	6.10	4.84
FORKLIFT OPERATORS-----	6.34	5.82	6.59	6.42	6.84	5.89	6.22	6.68	6.46	6.35	6.29	-	6.19	5.91	5.92	6.09
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	6.86	-	6.94	-	6.91	5.80	6.31	7.07	-	6.39	-	-	6.21	-	5.57	-
GUARDS-----	3.40	-	-	3.99	-	-	-	-	-	-	2.80	-	-	4.92	-	3.65
CLASS A-----	5.37	-	6.52	-	-	-	-	-	-	-	3.67	-	-	-	-	-
CLASS B-----	3.06	-	-	3.87	-	-	-	-	-	-	2.52	-	-	3.62	-	3.59
GUARDS AND WATCHMEN-----	-	3.13	-	-	4.89	-	3.80	3.48	3.33	3.41	-	5.46	3.21	-	3.37	-
JANITORS, PORTERS, AND CLEANERS-----	4.30	3.34	5.25	4.41	4.95	3.95	4.08	4.24	3.89	4.07	3.21	6.32	3.80	4.18	4.61	2.98

See footnote at end of B-series tables.

**Table A-8. Hourly earnings<sup>3</sup> of plant workers, January through December 1977—all industries—Continued**

OCCUPATION	WEST											
	ANAHEIM-SANTA ANA-GARDEN GROVE	BILLINGS	DENVER-BOULDER	FRESNO	LOS ANGELES-LONG BEACH	PORTLAND	SACRAMENTO	SALT LAKE CITY-OGDEN	SAN DIEGO	SAN FRANCISCO-OAKLAND	SAN JOSE	SEATTLE-EVERETT
	OCTOBER	JULY	DECEMBER	JUNE	OCTOBER	MAY	DECEMBER	NOVEMBER	NOVEMBER	MARCH	MARCH	JANUARY
<b>ALL WORKERS</b>												
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>												
CARPENTERS-----	\$7.23	-	\$7.02	\$7.30	\$7.45	\$7.55	-	\$7.30	\$7.03	\$8.48	\$7.68	\$7.62
ELECTRICIANS-----	8.00	\$8.32	7.84	7.91	8.03	8.21	\$7.78	7.48	8.14	8.31	8.19	7.89
PAINTERS-----	5.60	-	7.01	-	7.67	7.76	-	-	6.91	9.08	7.83	7.82
MACHINISTS-----	7.59	-	7.36	7.57	7.76	8.00	7.85	7.31	7.92	8.75	7.97	8.02
MECHANICS (MACHINERY)-----	7.17	7.30	7.36	6.75	7.08	7.99	7.52	7.24	7.76	7.94	7.76	7.40
MECHANICS (MOTOR VEHICLES)---	7.55	8.12	7.89	7.20	8.22	8.32	8.88	8.36	8.14	8.86	8.45	7.87
PIPEFITTERS-----	-	8.49	7.11	-	8.65	7.80	-	-	-	8.49	-	-
SHEET-METAL WORKERS-----	-	-	7.33	-	7.76	-	-	-	-	8.21	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	6.12	-	5.33	-	-	-	5.36	6.42	6.10	6.47
MACHINE-TOOL OPERATORS (TOOLROOM)-----	7.56	-	7.25	-	7.55	7.29	-	-	-	8.51	8.13	-
TOOL AND DIE MAKERS-----	7.72	-	8.00	-	7.86	8.09	-	6.64	7.76	9.52	8.85	-
STATIONARY ENGINEERS-----	7.63	7.74	7.39	6.81	8.44	7.51	8.84	6.38	7.16	8.62	7.59	7.77
BOILER TENDERS-----	-	-	-	-	-	5.93	-	-	-	-	-	6.97
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>												
TRUCKDRIVERS-----	7.22	7.04	7.03	5.95	7.27	7.91	8.10	6.08	6.80	8.00	7.74	7.81
LIGHT TRUCK-----	4.67	3.91	4.14	3.37	6.24	6.42	5.65	3.91	4.14	6.67	-	6.51
MEDIUM TRUCK-----	6.70	7.08	7.51	6.18	6.60	8.06	7.31	6.71	6.71	7.65	-	7.72
HEAVY TRUCK-----	6.95	-	7.22	-	7.69	7.87	7.24	6.10	-	8.07	8.14	8.11
TRACTOR-TRAILER-----	8.02	7.29	7.69	6.33	7.86	8.11	8.81	6.38	7.58	8.25	7.83	7.75
SHIPPERS-----	5.40	-	5.30	-	5.36	6.93	7.37	5.23	4.24	6.69	-	6.68
RECEIVERS-----	5.59	5.22	4.79	5.14	5.70	6.64	6.85	4.66	4.92	6.89	6.49	6.52
SHIPPERS AND RECEIVERS-----	5.13	-	5.02	5.20	5.64	7.21	7.08	5.23	4.99	6.76	5.20	6.46
WAREHOUSEMEN-----	5.77	4.94	6.67	-	5.76	6.63	7.10	5.13	5.27	7.38	5.98	6.31
ORDER FILLERS-----	7.06	5.26	6.01	-	5.05	6.41	-	4.48	-	7.28	4.66	6.63
SHIPPING PACKERS-----	3.67	3.93	5.63	-	4.19	4.34	-	3.44	-	5.67	4.51	5.79
MATERIAL HANDLING LABORERS---	4.92	5.35	5.70	4.09	5.63	6.76	6.19	6.40	5.95	6.85	5.41	6.83
FORKLIFT OPERATORS-----	6.14	-	6.40	4.99	6.16	7.14	6.45	5.62	6.16	6.85	6.30	6.81
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)---	-	-	-	-	7.12	6.27	-	-	-	-	-	6.45
GUARDS-----	-	4.00	3.12	-	-	2.97	-	-	3.94	-	-	2.90
CLASS A-----	-	-	3.25	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	2.94	-	-	3.31	-	-	2.79
GUARDS AND WATCHMEN-----	3.25	-	-	-	3.34	-	-	3.10	-	3.73	3.90	-
JANITORS, PORTERS, AND CLEANERS-----	3.57	3.56	3.48	4.01	4.21	4.35	4.34	3.31	3.80	5.19	4.62	4.49

See footnote at end of B-series tables.

**Table A-9. Hourly earnings of plant workers, January through December 1977—manufacturing**

OCCUPATION	NORTHEAST														
	ALBANY- SCHENECTADY- TROY	BOSTON	RUFFALO	HARTFORD	NASSAU- SUFFOLK	NEWARK	NEW YORK	NORTHEAST PENNSYL- VANIA	PATERSON- CLIFTON- PASSAIC	PHILA- DELPHIA	PITTSBURGH	PORTLAND	POUGH- KEEPSIE	PROVIDENCE- WARWICK- PAWTUCKET	TRENTON
	SEPTEMBER	AUGUST	OCTOBER	MARCH	JUNE	JANUARY	MAY	AUGUST	JUNE	NOVEMBER	JANUARY	DECEMBER	JUNE	JUNE	SEPTEMBER
<b>ALL WORKERS</b>															
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>															
CARPENTERS-----	\$6.59	\$6.67	\$7.97	\$6.69	\$6.23	\$7.14	\$6.38	\$6.03	\$6.71	\$7.38	\$7.15	-	-	\$5.25	\$6.88
ELECTRICIANS-----	6.97	6.91	8.13	6.39	6.62	6.94	6.90	6.13	6.74	7.43	7.28	\$5.54	\$6.61	5.86	7.52
PAINTERS-----	6.49	6.58	7.86	-	-	6.81	6.73	-	-	7.38	6.78	-	-	-	6.82
MACHINISTS-----	6.83	6.67	7.58	5.92	6.53	6.88	7.16	6.32	6.98	7.62	7.79	5.23	6.76	5.84	6.59
MECHANICS (MACHINERY)-----	6.58	6.48	8.55	6.26	5.93	6.46	6.40	5.51	6.22	7.01	7.05	5.11	-	5.22	7.09
MECHANICS (MOTOR VEHICLES)-----	6.24	6.93	7.42	6.97	6.81	6.91	7.11	5.49	-	7.92	7.36	5.99	-	-	-
PIPEFITTERS-----	7.13	7.10	8.20	-	-	7.25	6.89	7.01	6.96	7.60	7.11	-	-	5.80	7.56
SHEET-METAL WORKERS-----	6.94	6.82	8.61	-	-	6.97	-	-	-	7.18	6.45	-	-	-	-
MILLWRIGHTS-----	7.29	6.01	8.24	-	-	7.23	7.37	-	-	7.77	-	-	-	-	8.56
TRADES HELPERS-----	-	4.83	-	5.22	-	4.82	5.52	4.10	-	5.76	6.70	-	-	3.92	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	6.37	6.24	8.78	5.77	6.97	7.32	-	-	-	6.87	6.91	-	-	-	-
TOOL AND DIE MAKERS-----	-	7.08	8.62	6.50	6.52	7.11	6.81	6.93	6.92	7.39	7.31	5.60	6.82	6.41	-
STATIONARY ENGINEERS-----	6.42	7.17	7.38	6.15	-	7.93	8.14	-	6.65	7.21	7.35	-	-	-	6.80
BOILER TENDERS-----	5.81	5.85	7.31	5.13	-	6.21	6.52	4.70	6.31	6.43	6.32	-	-	4.70	5.51
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>															
TRUCKDRIVERS-----	5.86	6.51	6.52	4.97	6.29	7.08	6.67	5.37	5.11	7.39	7.10	5.11	-	4.88	5.39
LIGHT TRUCK-----	-	6.05	6.24	4.27	-	-	4.71	-	-	5.74	-	-	-	3.35	-
MEDIUM TRUCK-----	-	6.53	5.98	5.12	5.60	9.35	7.01	4.60	4.62	7.18	6.29	4.66	-	4.80	-
HEAVY TRUCK-----	6.65	6.47	6.60	5.05	5.03	5.81	5.61	5.30	-	-	6.68	-	-	-	-
TRACTOR-TRAILER-----	-	6.69	7.12	5.27	7.37	6.58	7.09	5.44	-	7.84	6.96	5.56	-	-	-
SHIPPERS-----	5.69	4.83	5.51	4.78	5.30	5.54	5.18	4.98	5.06	5.58	5.40	5.00	-	3.82	-
RECEIVERS-----	5.02	4.68	5.82	4.97	4.25	5.64	5.27	4.58	5.77	5.67	5.58	-	-	3.70	5.00
SHIPPERS AND RECEIVERS-----	5.06	5.23	5.76	4.30	4.70	5.05	5.07	4.61	5.31	5.26	5.86	4.39	-	4.23	-
WAREHOUSEMEN-----	5.48	4.92	5.75	4.19	4.88	6.24	4.67	4.52	5.34	5.73	5.67	3.58	4.01	4.24	4.89
ORDER FILLERS-----	5.22	5.01	5.51	-	4.31	5.33	4.45	4.17	3.78	5.01	-	-	-	3.11	4.80
SHIPPING PACKERS-----	4.85	4.76	6.11	4.38	3.73	4.89	4.50	4.34	3.72	4.74	5.02	4.06	-	3.51	4.44
MATERIAL HANDLING LABORERS-----	5.45	4.47	5.88	4.81	4.37	4.69	5.39	4.13	4.57	5.42	5.89	3.99	4.57	3.77	4.44
FORKLIFT OPERATORS-----	5.64	4.92	6.54	4.92	5.64	5.44	5.47	4.91	5.72	5.94	5.79	4.44	5.19	4.71	5.66
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	5.67	-	6.80	-	-	-	-	-	-	6.92	6.63	-	-	-	-
GUARDS-----	-	-	-	-	-	-	-	3.88	-	-	-	-	-	3.99	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	3.83	-	-	-	-	-	3.35	-
GUARDS AND WATCHMEN-----	5.43	4.82	6.51	5.01	-	4.82	5.31	-	-	5.54	5.91	4.57	-	-	5.25
JANITORS, PORTERS, AND CLEANERS-----	4.85	4.66	5.75	4.28	4.06	5.00	4.67	4.17	4.71	5.24	5.10	4.41	4.50	3.52	4.79

**Table A-9. Hourly earnings of plant workers, January through December 1977—manufacturing—Continued**

	NORTHEAST--CONTINUED						SOUTH							
	UTICA- ROME	WORCESTER	YORK	ATLANTA	BALTIMORE	BIRMINGHAM	CHATTA- NOOGA	CORPUS CHRISTI	DALLAS- FORT WORTH	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	GREENVILLE- SPARTANBURG	HOUSTON
	JULY	APRIL	FEBRUARY	MAY	AUGUST	MARCH	SEPTEMBER	JULY	OCTOBER	AUGUST	SEPTEMBER	AUGUST	JUNE	AUGUST
<b>ALL WORKERS</b>														
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>														
CARPENTERS-----	\$6.09	\$5.92	\$5.51	-	\$7.36	\$6.43	-	\$7.89	\$7.20	-	-	\$5.26	\$4.67	\$8.25
ELECTRICIANS-----	6.40	6.50	6.51	\$7.49	7.77	6.88	\$6.42	7.96	7.16	-	-	6.74	5.34	8.06
PAINTERS-----	-	-	-	-	7.13	5.85	6.08	7.49	7.05	-	-	6.04	-	8.21
MACHINISTS-----	6.62	6.68	5.99	6.69	7.86	6.84	6.38	8.25	6.89	-	-	-	5.29	8.09
MECHANICS (MACHINERY)---	6.39	6.03	5.90	6.48	7.70	6.82	6.45	7.73	6.44	-	\$5.47	6.95	5.21	7.64
MECHANICS (MOTOR VEHICLES)---	6.35	6.38	5.57	6.26	6.53	6.35	5.70	5.32	6.08	-	5.26	5.04	5.19	6.36
PIPEFITTERS-----	6.42	6.28	6.71	8.05	7.94	-	-	8.28	-	-	-	-	-	8.37
SHEET-METAL WORKERS-----	-	-	-	-	7.96	-	-	-	-	-	-	-	-	8.11
MILLWRIGHTS-----	-	6.14	-	8.23	7.84	6.51	-	-	-	-	-	-	-	8.47
TRADES HELPERS-----	-	-	4.79	-	-	5.71	5.19	-	5.35	-	-	4.79	-	5.67
MACHINE-TOOL OPERATORS (TOOLROOM)-----	6.24	-	-	-	7.19	6.14	-	-	6.54	-	-	-	-	6.67
TOOL AND DIE MAKERS-----	6.55	5.48	6.86	7.47	7.99	6.50	6.13	-	7.43	-	-	-	5.49	7.03
STATIONARY ENGINEERS-----	6.13	6.17	7.20	7.68	7.03	-	-	-	7.52	-	-	7.21	5.03	7.93
BOILER TENDERS-----	-	5.79	4.93	-	7.74	-	4.96	-	-	-	-	4.68	-	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>														
TRUCKDRIVERS-----	5.57	6.24	4.36	4.70	5.90	4.64	4.64	3.80	5.20	-	4.32	4.45	4.57	4.81
LIGHT TRUCK-----	-	3.85	-	4.42	5.58	-	4.32	-	-	-	-	-	3.33	4.82
MEDIUM TRUCK-----	-	-	4.17	4.79	6.12	4.53	4.22	-	5.45	-	-	4.92	3.62	4.74
HEAVY TRUCK-----	-	5.57	4.38	-	5.85	4.05	-	-	4.92	-	-	-	-	4.61
TRACTOR-TRAILER-----	5.97	-	4.65	5.34	6.04	4.46	4.48	3.65	5.31	-	-	4.05	5.24	4.69
SHIPPERS-----	4.76	-	6.01	5.17	5.37	5.73	4.20	-	4.18	-	-	4.78	4.17	5.42
RECEIVERS-----	4.89	4.50	4.74	5.54	4.98	5.11	4.39	-	4.99	-	-	4.46	4.15	5.63
SHIPPERS AND RECEIVERS-----	-	4.76	4.90	5.26	5.89	6.39	-	-	5.14	-	-	4.54	-	4.99
WAREHOUSEMEN-----	-	-	5.39	4.55	5.28	4.49	5.30	-	4.65	-	3.98	3.84	3.99	5.39
ORDER FILLERS-----	4.06	3.95	4.32	4.03	5.18	3.69	3.76	-	4.42	-	-	4.15	3.85	5.38
SHIPPING PACKERS-----	4.13	4.42	4.36	4.02	4.18	5.37	3.60	-	3.88	-	-	4.26	3.56	3.69
MATERIAL HANDLING LABORERS---	4.33	4.31	4.30	4.36	5.35	4.16	4.71	3.81	3.89	-	-	-	3.33	4.72
FORKLIFT OPERATORS-----	5.38	5.47	5.00	5.09	6.21	4.46	4.40	5.96	5.63	-	3.52	5.67	3.83	5.17
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	-	-	-	7.69	-	3.85	-	7.06	-	-	-	3.56	-
GUARDS-----	4.37	-	-	-	-	-	-	5.49	-	-	-	3.86	-	6.26
CLASS A-----	-	-	-	-	-	-	-	6.30	-	-	-	4.67	-	-
CLASS B-----	4.12	-	-	-	-	-	-	-	-	-	-	3.69	-	6.34
GUARDS AND WATCHMEN-----	-	4.30	4.05	5.09	5.49	4.37	4.05	-	5.72	-	-	-	3.39	-
JANITORS, PORTERS, AND CLEANERS-----	4.14	4.41	4.26	4.62	5.10	4.14	4.24	4.74	4.45	\$3.30	-	3.82	3.21	4.36

Table A-9. Hourly earnings of plant workers, January through December 1977—manufacturing—Continued

OCCUPATION	SOUTH--CONTINUED												NORTH CENTRAL			
	HUNTS-VILLE	JACKSON	JACKSON-VILLE	LOUIS-VILLE	MEMPHIS	MIAMI	NEW ORLEANS	NORFOLK-VIRGINIA BEACH-PORTSMOUTH	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	WASHINGTON	AKRON	CANTON	CHICAGO	CINCINNATI
	FEBRUARY	JANUARY	DECEMBER	NOVEMBER	NOVEMBER	OCTOBER	JANUARY	MAY	AUGUST	JUNE	MAY	MARCH	DECEMBER	MAY	MAY	JULY
<b>ALL WORKERS</b>																
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>																
CARPENTERS-----	-	-	-	\$8.05	\$7.08	-	-	-	-	\$7.74	-	-	\$7.32	\$7.46	\$7.00	\$7.31
ELECTRICIANS-----	\$5.99	\$5.40	\$7.83	8.35	7.87	-	\$6.91	\$6.80	\$5.96	7.61	\$5.57	\$8.61	7.66	7.48	7.76	7.39
PAINTERS-----	-	-	8.47	7.95	7.78	-	-	-	-	6.31	-	-	7.54	-	7.07	7.14
MACHINISTS-----	-	5.69	7.55	8.03	7.72	\$6.38	7.17	5.86	-	7.47	-	8.77	7.48	7.81	7.56	6.96
MECHANICS (MACHINERY)-----	5.89	5.38	6.62	7.62	7.06	5.62	6.63	5.48	6.42	7.63	5.37	6.12	7.54	7.26	7.18	6.87
MECHANICS (MOTOR VEHICLES)---	5.20	4.40	6.07	7.29	6.75	5.74	6.21	5.45	5.24	5.43	4.91	6.97	7.46	7.02	7.48	7.43
PIPEFITTERS-----	-	-	-	8.26	7.80	-	-	-	-	7.61	-	-	7.62	7.42	7.70	7.68
SHEET-METAL WORKERS-----	-	-	-	8.77	-	-	-	-	-	-	-	-	7.75	-	7.79	7.94
MILLWRIGHTS-----	-	-	-	8.92	8.45	-	-	-	-	-	-	-	8.60	7.79	7.84	7.84
TRADES HELPERS-----	-	-	-	6.77	5.84	-	6.63	-	4.23	-	4.70	-	6.29	6.61	5.69	6.13
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	-	-	-	-	-	-	7.51	-	7.56	7.11
TOOL AND DIE MAKERS-----	-	-	-	8.20	7.18	6.35	-	-	7.21	-	-	-	-	7.26	8.26	7.64
STATIONARY ENGINEERS-----	-	-	-	7.90	7.94	-	6.58	-	-	7.04	5.32	-	7.77	7.22	8.03	7.81
BOILER TENDERS-----	-	-	7.03	6.97	5.22	-	5.51	4.91	-	-	-	-	6.88	6.80	6.44	7.01
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>																
TRUCKDRIVERS-----	4.16	3.32	4.51	6.25	4.83	4.83	4.98	4.47	5.11	4.83	3.44	6.87	6.55	6.41	7.91	5.97
LIGHT TRUCK-----	-	-	-	4.36	4.51	3.71	-	-	-	-	2.97	-	5.62	-	6.32	5.33
MEDIUM TRUCK-----	-	3.14	4.51	6.23	4.59	3.76	5.09	4.60	-	4.65	3.61	-	6.53	-	7.73	5.67
HEAVY TRUCK-----	-	3.21	4.52	6.89	-	-	-	-	-	-	3.73	-	-	-	8.10	7.21
TRACTOR-TRAILER-----	-	3.42	4.55	6.38	4.08	4.55	-	4.51	-	4.84	3.36	6.37	-	6.29	8.39	5.87
SHIPPERS-----	-	-	-	5.58	5.15	-	-	-	5.01	6.08	-	-	6.11	5.83	5.33	5.01
RECEIVERS-----	4.07	-	-	6.59	5.42	4.08	-	-	-	5.39	3.97	-	5.89	5.79	5.51	5.51
SHIPPERS AND RECEIVERS-----	-	-	-	4.60	6.37	4.60	-	-	-	4.86	3.69	-	5.47	4.86	5.07	5.13
WAREHOUSEMEN-----	4.43	-	4.49	5.55	5.74	3.96	-	4.24	5.10	4.73	-	-	6.02	-	5.55	5.48
ORDER FILLERS-----	-	-	-	5.71	4.23	3.69	-	3.55	5.26	3.99	-	-	5.45	-	5.15	5.00
SHIPPING PACKERS-----	-	3.92	-	5.41	3.72	3.12	-	-	4.59	5.52	3.31	-	5.59	6.32	4.75	4.64
MATERIAL HANDLING LABORERS---	3.29	3.61	4.02	5.51	3.98	3.47	4.53	3.68	4.45	4.32	3.38	5.01	6.38	5.47	5.18	5.34
FORKLIFT OPERATORS-----	4.09	3.85	5.57	6.25	5.63	4.22	5.23	4.44	5.37	4.83	3.69	5.12	6.46	5.51	5.67	5.87
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	3.56	-	-	-	-	-	4.29	-	-	-	-	6.52	6.34	5.75	5.81
GUARDS-----	2.70	3.54	-	5.98	-	-	3.98	-	4.75	5.05	3.48	-	-	6.03	5.19	5.46
CLASS A-----	-	-	-	6.38	-	-	-	-	-	-	-	-	-	6.34	6.08	-
CLASS B-----	2.69	2.81	-	5.19	-	-	3.55	-	3.92	4.84	3.55	-	-	5.00	4.83	5.38
GUARDS AND WATCHMEN-----	-	-	4.20	-	4.72	3.33	-	4.06	-	-	-	3.91	6.45	-	-	-
JANITORS, PORTERS, AND CLEANERS-----	2.84	3.36	4.50	5.72	4.70	3.51	4.40	3.92	3.38	4.57	3.20	4.64	5.97	4.99	4.87	5.04

Table A-9. Hourly earnings of plant workers, January through December 1977—manufacturing—Continued

OCCUPATION	NORTH CENTRAL--CONTINUED															
	CLEVELAND	COLUMBUS	DAVENPORT- ROCK ISLAND- MOLINE	DAYTON	DETROIT	GREEN BAY	INDIAN- APOLIS	KANSAS CITY	MILWAUKEE	MINNE- APOLIS- ST PAUL	OMAHA	SAGINAW	ST LOUIS	SOUTH BEND	TOLEDO	WICHITA
	SEPTEMBER	OCTOBER	MAY	DECEMBER	MARCH	JULY	OCTOBER	SEPTEMBER	APRIL	JANUARY	OCTOBER	NOVEMBER	MARCH	AUGUST	MAY	APRIL
<b>ALL WORKERS</b>																
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>																
CARPENTERS-----	\$7.57	-	\$7.99	\$8.31	\$8.23	-	\$8.14	\$7.32	\$7.41	\$6.92	-	-	\$6.99	\$7.46	-	\$5.80
ELECTRICIANS-----	8.30	\$7.22	8.32	8.30	8.63	\$7.06	8.41	8.27	8.23	8.03	\$7.22	-	7.56	7.62	\$7.78	6.23
PAINTERS-----	8.24	-	7.35	7.73	8.20	-	7.90	7.73	7.62	7.06	-	-	7.40	7.86	7.20	-
MACHINISTS-----	7.54	7.16	8.04	7.50	8.21	6.88	7.64	8.24	8.32	7.46	7.49	-	7.48	6.35	7.36	-
MECHANICS (MACHINERY)-----	8.14	6.72	7.95	8.09	8.36	6.98	8.10	7.27	7.31	6.64	-	-	6.72	7.14	7.42	6.34
MECHANICS (MOTOR VEHICLES)-----	8.23	6.69	7.67	7.06	8.35	6.42	7.55	7.74	7.89	6.98	6.48	-	7.43	7.60	7.17	6.53
PIPEFITTERS-----	8.36	8.39	8.20	8.62	8.43	7.14	8.51	8.39	8.43	8.02	-	-	7.73	8.01	7.91	-
SHEET-METAL WORKERS-----	8.99	8.37	-	8.83	8.45	-	8.72	8.28	7.74	-	-	-	7.47	-	8.13	-
MILLWRIGHTS-----	8.51	8.22	8.06	8.43	8.42	-	8.98	8.56	8.10	7.35	-	-	7.64	7.78	7.62	-
TRADES HELPERS-----	6.70	-	6.60	-	6.69	-	5.46	6.50	6.27	5.47	-	-	6.09	-	6.37	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	7.91	8.14	8.04	8.99	8.66	-	8.57	7.43	7.64	-	-	-	7.41	-	8.15	-
TOOL AND DIE MAKERS-----	8.20	8.35	8.73	8.83	8.61	-	8.42	8.11	8.27	7.56	-	-	8.15	7.23	8.23	6.45
STATIONARY ENGINEERS-----	7.93	7.42	8.32	7.49	8.70	-	7.84	8.18	7.27	7.64	6.27	-	7.55	-	7.20	6.11
BOILER TENDERS-----	7.01	5.38	7.61	-	8.19	-	5.90	-	6.26	6.98	-	-	6.60	7.98	6.78	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>																
TRUCKDRIVERS-----	6.85	5.70	6.61	6.11	7.16	5.90	6.61	7.62	6.76	6.58	5.80	\$7.48	6.69	5.78	6.57	4.82
LIGHT TRUCK-----	6.22	-	-	-	6.16	-	4.84	5.79	-	7.09	-	-	-	-	6.28	-
MEDIUM TRUCK-----	6.41	-	-	5.39	6.36	5.72	6.55	6.26	5.12	6.16	4.89	-	6.75	5.59	6.75	4.87
HEAVY TRUCK-----	7.17	5.94	6.68	-	-	-	-	-	-	-	-	-	5.55	-	6.75	-
TRACTOR-TRAILER-----	7.27	5.64	-	6.39	7.55	-	6.81	6.91	6.53	6.19	5.78	-	6.76	5.10	6.47	-
SHIPPERS-----	5.89	5.32	5.86	4.58	7.22	-	5.50	5.68	6.16	5.51	4.84	-	5.30	5.94	5.96	4.83
RECEIVERS-----	6.18	5.20	6.22	4.93	-	-	5.24	6.25	5.40	6.01	5.31	-	5.75	5.54	5.45	5.21
SHIPPERS AND RECEIVERS-----	5.93	5.04	-	5.28	6.66	-	4.81	4.86	5.65	5.46	4.54	-	5.50	5.49	6.42	-
WAREHOUSEMEN-----	5.74	5.15	6.26	5.61	6.42	5.99	5.05	5.86	-	4.50	5.32	-	5.66	-	6.26	3.93
ORDER FILLERS-----	5.67	5.47	6.62	-	-	5.84	4.18	5.14	5.17	5.37	6.37	-	4.91	5.16	5.39	-
SHIPPING PACKERS-----	5.51	5.09	6.39	6.63	6.08	4.21	5.17	5.12	5.51	5.00	5.09	-	4.91	4.59	5.92	4.24
MATERIAL HANDLING LABORERS-----	6.31	5.23	6.39	5.53	6.46	5.36	5.66	5.77	5.51	5.49	5.67	-	5.35	5.97	5.51	4.30
FORKLIFT OPERATORS-----	6.37	5.70	6.58	6.43	6.83	5.79	6.24	6.46	6.49	5.78	6.06	-	6.13	5.65	5.75	5.77
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	7.12	-	6.94	-	-	5.80	6.43	7.14	-	6.30	-	-	6.03	-	5.54	-
GUARDS-----	6.94	-	6.59	6.81	-	-	-	-	-	-	5.09	-	-	6.26	-	4.75
CLASS A-----	6.24	-	6.73	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	5.90	-	-	6.90	-	-	-	-	-	-	-	-	-	4.95	-	4.74
GUARDS AND WATCHMEN-----	-	4.35	-	-	7.94	-	5.86	6.41	5.40	5.25	-	-	6.27	-	5.81	-
JANITORS, PORTERS, AND CLEANERS-----	5.63	5.00	5.68	5.69	6.37	5.62	5.36	5.73	5.28	4.87	4.96	-	5.39	5.33	5.62	4.60



Table A-9. Hourly earnings of plant workers, January through December 1977—manufacturing—Continued

OCCUPATION	WEST											
	ANAHEIM- SANTA ANA- GARDEN GROVE	BILLINGS	DENVER- BOULDER	FRESNO	LOS ANGELES- LONG BEACH	PORTLAND	SACRAMENTO	SALT LAKE CITY-OGDEN	SAN DIEGO	SAN FRAN- CISCO- OAKLAND	SAN JOSE	SEATTLE- EVERETT
	OCTOBER	JULY	DECEMBER	JUNE	OCTOBER	MAY	DECEMBER	NOVEMBER	NOVEMBER	MARCH	MARCH	JANUARY
ALL WORKERS												
MAINTENANCE, TOOLROOM, AND POWERPLANT												
CARPENTERS-----	\$7.38	-	-	\$7.15	\$7.36	\$8.00	-	\$7.45	-	\$8.29	\$7.74	\$7.66
ELECTRICIANS-----	8.02	\$8.25	\$7.66	7.26	7.96	8.29	\$7.71	7.47	\$7.54	8.24	8.26	7.69
PAINTERS-----	-	-	-	-	7.68	-	-	-	-	8.72	7.70	-
MACHINISTS-----	7.62	-	7.20	7.29	7.62	8.00	7.85	7.33	-	8.78	7.97	8.05
MECHANICS (MACHINERY)-----	7.16	7.30	7.38	6.75	7.02	7.98	7.50	7.19	7.74	7.90	7.78	7.45
MECHANICS (MOTOR VEHICLES)-----	8.11	-	7.21	6.78	7.68	7.88	8.64	6.52	7.68	8.77	8.39	7.93
PIPEFITTERS-----	-	8.49	-	-	8.63	7.84	-	-	-	8.46	-	-
SHEET-METAL WORKERS-----	-	-	7.33	-	7.80	-	-	-	-	-	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	7.42	-	7.25	-	7.55	7.29	-	-	-	8.51	-	-
TOOL AND DIE MAKERS-----	7.72	-	8.00	-	7.88	8.09	-	6.64	7.75	9.56	8.83	-
STATIONARY ENGINEERS-----	-	8.44	7.50	-	8.49	7.44	-	-	-	8.66	7.49	7.67
BOILER TENDERS-----	-	-	-	-	-	5.93	-	-	-	-	-	6.98
MATERIAL MOVEMENT AND CUSTODIAL												
TRUCKDRIVERS-----	7.47	6.57	6.78	6.97	6.87	7.43	7.65	5.67	7.19	7.59	7.84	8.04
LIGHT TRUCK-----	4.82	-	6.18	-	5.04	5.37	-	5.05	-	-	-	-
MEDIUM TRUCK-----	5.50	-	5.43	-	5.87	-	-	5.46	-	-	7.04	8.36
HEAVY TRUCK-----	8.93	-	7.48	-	8.00	7.47	-	6.02	-	8.14	8.95	8.17
TRACTOR-TRAILER-----	8.29	-	6.77	-	7.23	7.68	7.78	5.56	-	7.58	7.82	7.76
SHIPPERS-----	5.00	-	5.10	-	4.93	6.91	-	-	3.70	6.24	-	6.81
RECEIVERS-----	4.76	-	5.06	4.91	5.33	6.41	-	5.55	-	6.19	6.46	6.21
SHIPPERS AND RECEIVERS-----	4.70	-	4.92	-	5.64	6.86	-	5.18	5.06	7.05	5.05	6.06
WAREHOUSEMEN-----	5.03	-	4.98	5.04	5.09	5.52	6.37	4.81	4.70	6.15	4.22	6.36
ORDER FILLERS-----	4.26	-	5.66	-	3.83	4.81	-	-	-	6.91	-	6.00
SHIPPING PACKERS-----	3.41	-	4.77	-	4.30	3.91	-	3.38	-	-	4.48	4.66
MATERIAL HANDLING LABORERS-----	4.73	-	5.23	4.99	4.45	6.73	5.45	5.11	-	6.76	5.64	6.02
FORKLIFT OPERATORS-----	5.54	-	5.59	4.84	5.77	6.46	5.96	5.36	6.00	6.38	6.18	6.71
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	-	-	-	6.69	6.24	-	-	-	-	-	6.33
GUARDS-----	-	-	5.75	-	-	4.74	5.93	-	5.19	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	5.19	-	-	4.74	5.92	-	5.19	-	-	-
GUARDS AND WATCHMEN-----	5.56	-	-	-	5.31	-	-	5.26	-	6.43	6.05	-
JANITORS, PORTERS, AND CLEANERS-----	4.56	5.00	5.10	4.43	4.88	5.04	5.67	4.29	5.68	5.78	5.03	5.34

**Table A-10. Hourly earnings of plant workers, January through December 1977—nonmanufacturing**

OCCUPATION	NORTHEAST														
	ALBANY- SCHENECTADY- TROY	BOSTON	BUFFALO	HARTFORD	NASSAU- SUFFOLK	NEWARK	NEW YORK	NORTHEAST PENNSYL- VANIA	PATERSON- CLIFTON- PASSAIC	PHILA- DELPHIA	PITTSBURGH	PORTLAND	POUGH- KEEPSIE	PROVIDENCE- WARWICK- PAWTUCKET	TRENTON
	SEPTEMBER	AUGUST	OCTOBER	MARCH	JUNE	JANUARY	MAY	AUGUST	JUNE	NOVEMBER	JANUARY	DECEMBER	JUNE	JUNE	SEPTEMBER
<b>ALL WORKERS</b>															
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>															
CARPENTERS-----	-	\$6.69	-	\$6.09	-	\$7.46	\$7.21	\$5.43	-	\$8.25	\$7.49	-	-	-	-
ELECTRICIANS-----	\$7.24	7.62	\$7.94	6.37	\$7.59	7.81	7.34	7.65	-	8.44	7.64	-	-	-	-
PAINTERS-----	-	6.34	-	-	-	-	6.23	-	-	6.35	6.78	-	-	-	-
MACHINISTS-----	-	-	-	-	-	-	-	-	-	-	7.28	-	-	-	-
MECHANICS (MACHINERY)-----	-	7.08	-	-	-	6.81	7.89	-	-	7.28	-	-	-	-	-
MECHANICS (MOTOR VEHICLES)-----	7.96	7.83	7.57	6.98	6.44	7.49	7.64	7.84	\$7.23	8.06	7.37	\$6.56	-	\$6.44	\$7.61
PIPEFITTERS-----	-	-	-	-	-	7.67	-	-	-	-	6.86	-	-	-	-
SHEET-METAL WORKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	6.66	-	-	5.26	6.07	-	-	6.03	5.85	-	-	-	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOOL AND DIE MAKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS-----	-	6.88	-	-	7.97	7.77	7.52	-	-	6.94	7.26	-	-	-	-
BOILER TENDERS-----	-	-	-	6.01	-	-	7.09	-	-	-	-	-	-	-	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>															
TRUCKDRIVERS-----	7.26	7.04	7.35	5.37	6.93	7.50	6.86	7.82	5.96	7.96	6.79	6.39	\$4.94	7.32	6.84
LIGHT TRUCK-----	-	3.94	-	-	5.27	-	5.79	-	4.53	4.49	6.21	-	-	-	-
MEDIUM TRUCK-----	6.51	6.04	6.85	5.39	-	6.82	6.53	-	-	7.52	6.26	-	4.30	5.49	-
HEAVY TRUCK-----	-	7.33	7.06	6.80	6.64	6.66	6.86	6.32	-	8.57	-	-	-	-	-
TRACTOR-TRAILER-----	7.74	8.22	8.13	6.69	7.55	7.74	7.52	8.14	-	8.57	7.15	6.57	-	8.35	-
SHIPPERS-----	-	5.30	-	5.50	-	-	6.38	-	6.04	6.18	5.15	4.35	-	-	-
RECEIVERS-----	5.86	5.66	5.37	4.70	4.85	4.87	5.68	4.91	6.14	5.71	4.74	4.40	-	4.92	-
SHIPPERS AND RECEIVERS-----	-	4.98	6.75	4.24	4.94	6.47	5.86	3.62	-	5.91	5.78	-	-	5.21	-
WAREHOUSEMEN-----	5.81	5.31	6.02	4.40	5.57	6.08	5.63	-	4.54	6.22	5.85	-	-	5.17	-
ORDER FILLERS-----	-	5.95	4.76	5.24	5.44	5.30	5.99	6.03	5.41	6.28	4.86	4.50	-	4.59	-
SHIPPING PACKERS-----	-	3.89	-	-	3.46	3.95	5.14	-	4.38	4.35	4.68	3.18	-	-	-
MATERIAL HANDLING LABORERS-----	5.91	5.92	7.82	3.97	4.40	5.98	5.91	7.04	4.29	5.33	5.13	5.87	-	4.19	-
FORKLIFT OPERATORS-----	6.20	7.46	7.07	-	6.07	6.71	6.60	6.50	-	6.22	6.59	4.99	-	4.97	-
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS-----	-	-	-	-	-	-	-	2.60	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	2.48	-	-	-	-	-	2.48	-
GUARDS AND WATCHMEN-----	2.74	2.96	2.73	3.02	2.85	2.96	3.59	-	-	2.75	2.71	-	-	-	-
JANITORS, PORTERS, AND CLEANERS-----	-	3.31	2.88	2.99	3.80	3.18	5.08	3.01	3.64	3.84	3.29	4.10	3.75	3.25	2.95

**Table A-10. Hourly earnings of plant workers, January through December 1977—nonmanufacturing—Continued**

	NORTHEAST--CONTINUED						SOUTH							
	UTICA- ROME	WORCESTER	YORK	ATLANTA	BALTIMORE	BIRMINGHAM	CHATTA- NOOGA	CORPUS CHRISTI	DALLAS- FORT WORTH	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	GREENVILLE- SPARTANBURG	HOUSTON
	JULY	APRIL	FEBRUARY	MAY	AUGUST	MARCH	SEPTEMBER	JULY	OCTOBER	AUGUST	SEPTEMBER	AUGUST	JUNE	AUGUST
<b>ALL WORKERS</b>														
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>														
CARPENTERS-----	-	-	-	\$7.70	\$6.67	-	-	-	\$6.00	-	-	-	-	\$7.38
ELECTRICIANS-----	-	-	-	8.04	7.33	\$7.05	-	-	7.01	-	-	-	-	-
PAINTERS-----	-	-	-	7.50	-	-	-	-	5.38	-	-	-	-	6.75
MACHINISTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICS (MACHINERY)-----	-	-	-	7.54	7.98	-	-	-	7.19	-	-	-	-	8.09
MECHANICS (MOTOR VEHICLES)-----	\$6.62	\$6.67	\$7.04	7.38	7.97	5.60	-	-	6.94	-	-	\$7.51	\$6.00	7.30
PIPEFITTERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHEET-METAL WORKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOOL AND DIE MAKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS-----	-	-	-	-	-	-	-	-	5.47	-	-	-	-	5.62
BOILER TENDERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>														
TRUCKDRIVERS-----	6.01	5.95	6.92	6.30	6.78	4.63	\$4.61	\$6.51	6.16	\$3.53	\$5.31	5.90	5.54	5.66
LIGHT TRUCK-----	-	-	-	3.65	5.52	3.56	-	-	3.67	-	-	5.90	3.07	3.68
MEDIUM TRUCK-----	-	4.22	-	5.81	5.21	4.43	4.78	6.01	7.02	-	-	5.54	5.41	5.63
HEAVY TRUCK-----	-	-	-	-	6.10	-	-	-	-	-	-	-	-	5.42
TRACTOR-TRAILER-----	-	6.35	7.18	7.43	7.86	4.74	-	-	7.11	-	-	6.49	6.29	7.06
SHIPPERS-----	-	-	-	6.21	5.91	3.73	-	-	4.74	-	-	-	-	4.62
RECEIVERS-----	-	5.08	-	5.24	5.44	3.85	-	-	5.04	-	-	5.52	3.74	4.70
SHIPPERS AND RECEIVERS-----	-	-	-	4.67	4.57	-	-	-	4.80	-	-	-	-	4.50
WAREHOUSEMEN-----	3.62	-	-	5.56	5.19	3.87	4.84	-	5.17	-	3.66	5.72	4.44	4.40
ORDER FILLERS-----	-	-	-	4.96	6.06	3.43	-	-	5.03	-	-	-	3.56	4.51
SHIPPING PACKERS-----	-	-	-	4.97	5.10	3.44	3.56	-	3.50	-	-	-	-	3.48
MATERIAL HANDLING LABORERS-----	-	-	6.56	5.21	5.63	3.41	-	2.81	4.39	-	-	5.19	4.33	3.67
FORKLIFT OPERATORS-----	-	-	-	5.60	7.04	3.73	-	-	5.30	-	-	-	3.77	5.48
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2.99
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	2.96
GUARDS AND WATCHMEN-----	-	-	-	2.73	2.78	-	-	-	2.69	-	-	2.56	-	-
JANITORS, PORTERS, AND CLEANERS-----	3.34	-	2.87	2.70	2.80	2.54	2.71	2.40	2.66	3.42	2.81	2.63	-	2.52

**Table A-10. Hourly earnings of plant workers, January through December 1977—nonmanufacturing—Continued**

OCCUPATION	SOUTH--CONTINUED												NORTH CENTRAL			
	HUNTS-VILLE	JACKSON	JACKSON-VILLE	LOUIS-VILLE	MEMPHIS	MIAMI	NEW ORLEANS	NORFOLK-VIRGINIA BEACH-PORTSMOUTH	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	WASHINGTON	AKRON	CANTON	CHICAGO	CINCINNATI
	FEBRUARY	JANUARY	DECEMBER	NOVEMBER	NOVEMBER	OCTOBER	JANUARY	MAY	AUGUST	JUNE	MAY	MARCH	DECEMBER	MAY	MAY	JULY
<b>ALL WORKERS</b>																
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>																
CARPENTERS-----	-	-	-	-	\$6.66	\$7.56	\$5.43	-	-	-	-	\$7.48	-	-	\$8.41	-
ELECTRICIANS-----	-	-	-	-	-	7.62	6.11	\$7.23	-	-	-	7.30	-	-	8.79	-
PAINTERS-----	-	-	-	-	-	4.89	4.76	-	-	\$4.77	-	6.15	-	-	8.07	-
MACHINISTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICS (MACHINERY)-----	-	-	-	\$7.47	-	-	5.94	7.39	-	-	-	-	-	-	8.24	-
MECHANICS (MOTOR VEHICLES)-----	-	\$6.05	\$6.58	7.22	8.07	6.58	6.23	5.94	\$7.52	6.96	\$5.76	7.22	\$8.44	\$6.49	8.65	\$8.08
PIPEFITTERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.44	-
SHEET-METAL WORKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	4.88	-	-	6.25	-	4.81	-	-	6.09	-
TOOL AND DIE MAKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS-----	-	-	6.47	-	4.94	5.55	5.23	-	-	-	5.09	7.39	-	-	9.16	-
BOILER TENDERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.98	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>																
TRUCKDRIVERS-----	\$4.21	4.78	4.61	6.74	5.99	5.11	4.62	4.34	6.22	5.18	5.05	6.08	8.04	6.53	8.36	7.82
LIGHT TRUCK-----	-	2.65	3.42	3.04	3.21	3.67	3.18	2.62	3.18	3.50	2.86	4.03	-	-	6.46	-
MEDIUM TRUCK-----	-	5.12	4.24	7.00	5.04	4.13	4.67	3.82	6.41	4.08	5.23	5.16	7.48	-	8.10	-
HEAVY TRUCK-----	-	-	-	-	-	-	-	-	-	4.58	-	5.33	-	-	8.05	-
TRACTOR-TRAILER-----	-	5.66	5.61	7.84	7.20	7.20	6.32	5.38	7.27	5.95	5.42	7.32	8.24	7.27	8.58	7.89
SHIPPERS-----	-	-	-	-	-	-	4.43	4.23	-	3.99	3.97	4.62	5.75	-	7.09	-
RECEIVERS-----	-	3.43	4.99	4.98	5.75	4.58	3.90	4.28	4.25	4.07	4.12	4.86	6.19	-	5.77	5.38
SHIPPERS AND RECEIVERS-----	-	-	-	-	-	-	4.29	3.85	-	-	3.56	4.33	-	-	5.74	-
WAREHOUSEMEN-----	-	3.39	4.53	5.01	4.45	5.31	4.05	5.28	4.14	4.08	3.24	5.99	5.67	-	6.10	5.61
ORDER FILLERS-----	-	3.09	3.90	4.41	4.47	4.08	3.66	3.09	5.74	4.52	3.34	6.16	5.77	-	6.27	5.18
SHIPPING PACKERS-----	-	-	3.60	3.75	4.90	3.98	3.23	-	-	-	-	4.01	4.93	-	5.20	4.35
MATERIAL HANDLING LABORERS-----	3.02	3.42	4.21	5.13	4.30	4.02	3.17	3.81	4.42	4.55	3.55	4.03	7.94	6.06	7.21	6.17
FORKLIFT OPERATORS-----	-	3.57	5.07	5.28	5.15	4.66	4.41	3.87	6.04	5.05	4.25	6.37	7.50	-	6.15	6.78
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.75	-
GUARDS-----	-	2.52	-	2.59	-	-	2.53	-	2.56	2.81	2.45	-	-	-	3.45	2.62
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.79	-
CLASS B-----	-	2.44	-	2.55	-	-	2.49	-	2.52	2.58	2.45	-	-	-	3.29	2.67
GUARDS AND WATCHMEN-----	-	-	2.63	-	2.90	2.73	-	2.95	-	-	-	3.06	2.63	-	-	-
JANITORS, PORTERS, AND CLEANERS-----	-	2.43	2.63	2.68	2.54	2.77	2.51	2.76	2.54	2.76	2.58	2.88	3.06	3.02	4.37	2.70

**Table A-10. Hourly earnings of plant workers, January through December 1977—nonmanufacturing—Continued**

OCCUPATION	NORTH CENTRAL--CONTINUED															
	CLEVELAND	COLUMBUS	DAVENPORT- ROCK ISLAND- MOLINE	DAYTON	DETROIT	GREEN BAY	INDIAN- APOLIS	KANSAS CITY	MILWAUKEE	MINNE- APOLIS- ST PAUL	OMAHA	SAGINAW	ST LOUIS	SOUTH BEND	TOLEDO	WICHITA
	SEPTEMBER	OCTOBER	MAY	DECEMBER	MARCH	JULY	OCTOBER	SEPTEMBER	APRIL	JANUARY	OCTOBER	NOVEMBER	MARCH	AUGUST	MAY	APRIL
<b>ALL WORKERS</b>																
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>																
CARPENTERS-----	\$9.90	-	-	-	\$8.72	-	-	-	\$7.54	\$7.51	\$8.39	-	-	-	-	-
ELECTRICIANS-----	-	-	-	-	7.98	-	\$7.28	\$8.52	-	9.49	8.77	-	-	-	-	-
PAINTERS-----	-	-	-	-	9.24	-	-	-	-	7.62	-	-	-	-	-	-
MACHINISTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICS (MACHINERY)-----	7.64	\$7.78	-	-	7.04	-	-	-	7.12	7.66	8.34	-	\$7.06	-	\$7.30	-
MECHANICS (MOTOR VEHICLES)-----	7.81	8.35	\$8.25	\$6.98	7.83	\$8.09	8.19	7.75	7.87	7.82	7.63	-	7.07	\$7.91	8.18	\$7.06
PIPEFITTERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHEET-METAL WORKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	-	-	6.71	-	-	-	-	-	-	-	-	-	-	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOOL AND DIE MAKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS-----	7.71	-	-	-	7.09	-	-	7.64	-	7.22	6.52	-	6.19	-	-	-
BOILER TENDERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>																
TRUCKDRIVERS-----	7.58	7.16	7.28	6.38	7.13	8.26	7.55	7.60	7.28	7.51	7.34	\$6.08	7.20	7.01	7.45	6.85
LIGHT TRUCK-----	4.64	4.07	-	4.96	5.40	-	6.27	6.55	-	6.03	3.44	-	5.56	-	-	-
MEDIUM TRUCK-----	7.33	-	-	5.71	6.88	-	7.16	6.86	-	7.49	7.25	-	6.99	6.22	6.12	6.00
HEAVY TRUCK-----	6.17	-	-	-	-	-	-	-	7.48	6.93	-	-	7.14	-	-	-
TRACTOR-TRAILER-----	8.20	8.06	7.48	6.93	7.42	-	8.26	8.09	8.37	7.61	7.87	-	7.65	-	7.95	7.61
SHIPPERS-----	5.38	5.61	-	6.81	-	-	-	5.12	-	6.85	3.73	-	5.84	-	-	-
RECEIVERS-----	5.34	4.85	6.17	4.35	4.74	-	4.96	5.51	4.83	5.92	3.88	-	5.77	-	5.16	-
SHIPPERS AND RECEIVERS-----	5.49	-	-	6.04	-	-	5.26	7.41	-	6.20	5.98	-	5.75	-	6.08	-
WAREHOUSEMEN-----	5.91	5.86	5.89	5.73	6.23	-	5.42	6.34	-	6.64	7.34	-	6.45	-	-	3.75
ORDER FILLERS-----	5.19	4.06	-	6.55	-	-	5.18	5.77	4.72	6.54	4.77	-	6.03	-	4.57	-
SHIPPING PACKERS-----	4.66	5.75	-	6.07	-	-	3.81	4.85	-	5.47	4.15	-	5.78	-	4.66	-
MATERIAL HANDLING LABORERS-----	5.46	5.80	-	6.74	6.32	-	6.83	6.35	6.36	6.60	4.81	-	6.29	5.27	6.95	4.95
FORKLIFT OPERATORS-----	6.18	6.63	-	6.36	6.89	-	6.16	7.08	6.14	7.08	6.64	-	6.78	-	6.64	-
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS-----	2.74	-	-	2.65	-	-	-	-	-	-	2.69	-	-	-	-	-
CLASS A-----	4.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	2.61	-	-	2.65	-	-	-	-	-	-	2.47	-	-	-	-	-
GUARDS AND WATCHMEN-----	-	2.73	-	-	3.60	-	2.69	2.84	2.69	2.92	-	-	2.55	-	2.88	-
JANITORS, PORTERS, AND CLEANERS-----	3.72	3.01	4.23	2.82	3.89	-	3.19	3.54	2.84	3.79	2.97	3.81	2.89	-	3.59	2.66

**Table A-10. Hourly earnings of plant workers, January through December 1977—nonmanufacturing—Continued**

OCCUPATION	WEST											
	ANAHEIM-SANTA ANA-GARDEN GROVE	BILLINGS	DENVER-BOULDER	FRESNO	LOS ANGELES-LONG BEACH	PORTLAND	SACRAMENTO	SALT LAKE CITY-OGDEN	SAN DIEGO	SAN FRANCISCO-OAKLAND	SAN JOSE	SEATTLE-EVERETT
	OCTOBER	JULY	DECEMBER	JUNE	OCTOBER	MAY	DECEMBER	NOVEMBER	NOVEMBER	MARCH	MARCH	JANUARY
<b>ALL WORKERS</b>												
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>												
CARPENTERS-----	-	-	-	-	\$7.64	-	-	-	-	\$8.60	-	-
ELECTRICIANS-----	\$7.96	-	-	-	8.39	-	-	-	-	8.50	-	-
PAINTERS-----	5.26	-	-	-	7.64	-	-	-	\$6.68	9.31	-	-
MACHINISTS-----	-	-	-	-	8.42	-	-	-	-	-	-	-
MECHANICS (MACHINERY)-----	-	-	\$7.15	-	7.86	\$8.12	-	-	-	8.45	-	-
MECHANICS (MOTOR VEHICLES)---	7.25	\$8.37	8.07	\$7.62	8.48	8.40	\$8.95	\$8.74	8.44	8.88	\$8.54	\$7.85
PIPEFITTERS-----	-	-	-	-	-	-	-	-	-	-	-	-
SHEET-METAL WORKERS-----	-	-	-	-	-	-	-	-	-	-	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	-	-	-	-	-	-	-	6.26	-	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	-	-	-	-	-	-
TOOL AND DIE MAKERS-----	-	-	-	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS-----	-	-	7.25	6.87	8.46	-	8.01	-	6.95	8.60	-	7.85
BOILER TENDERS-----	-	-	-	-	-	-	-	-	-	-	-	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>												
TRUCKDRIVERS-----	7.08	7.19	7.09	5.62	7.45	8.01	8.29	6.18	6.63	8.10	7.69	7.64
LIGHT TRUCK-----	4.61	-	3.72	-	6.48	-	-	3.67	4.09	5.36	-	6.15
MEDIUM TRUCK-----	7.54	-	7.66	5.72	6.91	8.07	7.25	6.80	6.98	7.70	-	-
HEAVY TRUCK-----	-	-	-	-	-	7.98	-	-	-	8.05	7.48	-
TRACTOR-TRAILER-----	7.93	7.34	7.85	6.12	8.14	8.19	9.15	6.55	7.52	8.39	7.83	7.75
SHIPPERS-----	-	-	5.50	-	6.10	-	7.67	-	-	6.97	-	-
RECEIVERS-----	6.61	5.22	4.66	-	5.98	6.89	6.86	4.46	4.92	6.96	-	6.67
SHIPPERS AND RECEIVERS-----	5.85	-	5.05	-	5.63	7.50	6.94	-	-	-	5.57	6.65
WAREHOUSEMEN-----	6.44	4.93	7.26	-	6.42	7.03	7.33	5.22	5.44	7.43	7.11	6.26
ORDER FILLERS-----	-	-	6.15	-	5.29	7.39	-	4.44	-	7.35	-	6.86
SHIPPING PACKERS-----	-	3.93	6.15	-	3.85	-	-	-	-	5.84	-	-
MATERIAL HANDLING LABORERS---	5.37	-	5.93	-	6.80	6.79	6.95	6.77	-	6.95	4.13	7.23
FORKLIFT OPERATORS-----	6.88	-	7.18	-	6.98	7.98	8.03	5.88	-	7.87	-	7.06
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)---	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS-----	-	-	2.81	-	-	2.85	-	-	3.62	-	-	-
CLASS A-----	-	-	2.92	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	2.81	-	-	2.64	-	-	-
GUARDS AND WATCHMEN-----	2.94	-	-	-	-	-	-	2.76	-	3.55	3.20	-
JANITORS, PORTERS, AND CLEANERS-----	3.25	3.26	3.24	-	3.98	4.05	4.13	2.94	3.48	5.11	4.35	4.28

Table A-11. Hourly earnings of plant workers, January through December 1977—public utilities

OCCUPATION	NORTHEAST														
	ALBANY- SCHENECTADY- TROY	BOSTON	BUFFALO	HARTFORD	NASSAU- SUFFOLK	NEWARK	NEW YORK	NORTHEAST PENNSYL- VANIA	PATERSON- CLIFTON- PASSAIC	PHILA- DELPHIA	PITTSBURGH	PORTLAND	POUGH- KEEPSIE	PROVIDENCE- WARWICK- PANTUCKET	TRENTON
	SEPTEMBER	AUGUST	OCTOBER	MARCH	JUNE	JANUARY	MAY	AUGUST	JUNE	NOVEMBER	JANUARY	DECEMBER	JUNE	JUNE	SEPTEMBER
ALL WORKERS															
MAINTENANCE, TOOLROOM, AND POWERPLANT															
CARPENTERS-----	-	-	-	-	-	-	\$7.57	-	-	-	\$6.98	-	-	-	-
ELECTRICIANS-----	-	-	-	-	-	\$7.84	8.18	\$7.89	-	-	7.39	-	-	-	-
PAINTERS-----	-	-	-	-	-	-	7.35	-	-	\$7.90	-	-	-	-	-
MACHINISTS-----	-	-	-	-	-	-	-	-	-	8.55	-	-	-	-	-
MECHANICS (MACHINERY)-----	-	-	-	-	-	-	8.20	-	-	-	-	-	-	-	-
MECHANICS (MOTOR VEHICLES)---	\$8.15	\$8.28	\$7.72	\$7.33	\$6.31	7.65	7.84	8.05	\$7.56	8.52	7.53	\$6.91	-	\$6.62	\$7.85
PIPEFITTERS-----	-	-	-	-	-	-	-	-	-	-	7.21	-	-	-	-
SHEET-METAL WORKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	6.86	-	-	-	6.21	-	-	-	5.88	-	-	-	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOOL AND DIE MAKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS-----	-	-	-	-	-	-	8.07	-	-	-	-	-	-	-	-
BOILER TENDERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL MOVEMENT AND CUSTODIAL															
TRUCKDRIVERS-----	8.25	7.93	7.98	7.79	-	7.67	7.60	8.51	7.94	8.54	7.57	7.01	-	8.41	-
LIGHT TRUCK-----	-	-	-	-	-	-	-	-	-	6.07	-	-	-	-	-
MEDIUM TRUCK-----	-	-	7.72	-	-	-	-	-	-	-	-	-	-	-	-
HEAVY TRUCK-----	-	7.69	-	-	-	7.68	7.20	-	-	8.57	-	-	-	-	-
TRACTOR-TRAILER-----	8.01	-	8.50	-	8.29	7.78	8.33	8.57	-	8.61	7.70	6.90	-	8.47	-
SHIPPERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEIVERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHIPPERS AND RECEIVERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAREHOUSEMEN-----	-	6.87	6.99	-	-	-	-	5.37	-	6.93	-	-	-	-	-
ORDER FILLERS-----	-	-	-	-	-	5.66	-	-	-	-	-	-	-	-	-
SHIPPING PACKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL HANDLING LABORERS---	-	-	-	-	-	6.95	7.42	-	-	7.86	6.95	-	-	-	-
FORKLIFT OPERATORS-----	-	-	8.50	-	-	6.96	7.54	-	-	8.52	7.81	-	-	-	-
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS AND WATCHMEN-----	-	5.97	-	-	-	-	5.54	-	-	-	-	-	-	-	-
JANITORS, PORTERS, AND CLEANERS-----	5.62	-	5.35	-	-	5.51	5.58	-	5.73	5.58	5.17	5.77	\$5.25	-	5.73

**Table A-11. Hourly earnings of plant workers, January through December 1977—public utilities—Continued**

	NORTHEAST--CONTINUED			SOUTH										
	UTICA- ROME	WORCESTER	YORK	ATLANTA	BALTIMORE	BIRMINGHAM	CHATTA- NOOGA	CORPUS CHRISTI	DALLAS- FORT WORTH	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	GREENVILLE- SPARTANBURG	HOUSTON
	JULY	APRIL	FEBRUARY	MAY	AUGUST	MARCH	SEPTEMBER	JULY	OCTOBER	AUGUST	SEPTEMBER	AUGUST	JUNE	AUGUST
<b>ALL WORKERS</b>														
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>														
CARPENTERS-----	-	-	-	-	\$6.75	-	-	-	-	-	-	-	-	-
ELECTRICIANS-----	-	-	-	-	7.51	-	-	\$7.87	\$7.76	-	-	-	-	-
PAINTERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS-----	-	-	-	-	7.46	-	-	-	-	-	-	-	-	-
MECHANICS (MACHINERY)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICS (MOTOR VEHICLES)-----	\$7.45	\$6.99	\$7.20	\$7.62	8.48	\$5.80	-	-	7.40	-	-	\$7.51	\$6.27	\$7.36
PIPEFITTERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHEET-METAL WORKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOOL AND DIE MAKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS-----	-	-	-	-	-	-	-	-	6.07	-	-	-	-	-
BOILER TENDERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>														
TRUCKDRIVERS-----	7.93	-	7.82	7.68	8.17	5.33	-	-	7.78	-	-	6.35	6.61	6.71
LIGHT TRUCK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEDIUM TRUCK-----	-	-	-	7.78	7.58	-	-	-	8.22	-	-	5.90	-	-
HEAVY TRUCK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	5.43
TRACTOR-TRAILER-----	-	-	-	7.90	8.37	4.43	-	-	7.71	-	-	6.65	6.60	7.35
SHIPPERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEIVERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHIPPERS AND RECEIVERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAREHOUSEMEN-----	-	-	-	6.51	5.30	-	-	-	5.73	-	-	-	-	-
ORDER FILLERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHIPPING PACKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL HANDLING LABORERS-----	-	-	7.71	-	7.80	4.82	-	-	4.67	-	-	5.03	-	-
FORKLIFT OPERATORS-----	-	-	-	6.23	-	-	-	-	5.71	-	-	-	-	5.45
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS AND WATCHMEN-----	-	-	-	-	4.46	-	-	-	3.90	-	-	-	-	-
JANITORS, PORTERS, AND CLEANERS-----	-	-	-	5.82	4.41	3.91	-	-	5.08	-	-	4.46	-	4.19



**Table A-11. Hourly earnings of plant workers, January through December 1977—public utilities—Continued**

OCCUPATION	SOUTH--CONTINUED												NORTH CENTRAL			
	HUNTS-VILLE	JACKSON	JACKSON-VILLE	LOUIS-VILLE	MEMPHIS	MIAMI	NEW ORLEANS	NORFOLK-VIRGINIA REACH-PORTSMOUTH	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	WASHINGTON	AKRON	CANTON	CHICAGO	CINCINNATI
	FEBRUARY	JANUARY	DECEMBER	NOVEMBER	NOVEMBER	OCTOBER	JANUARY	MAY	AUGUST	JUNE	MAY	MARCH	DECEMBER	MAY	MAY	JULY
<b>ALL WORKERS</b>																
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>																
CARPENTERS-----	-	-	-	-	-	\$9.43	-	-	-	-	-	-	-	-	\$7.21	-
ELECTRICIANS-----	-	-	-	-	-	8.98	\$6.12	-	-	-	-	-	-	-	-	-
PAINTERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.38	-
MACHINISTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICS (MACHINERY)-----	-	-	-	\$7.54	-	-	6.22	\$7.45	-	-	-	-	-	-	-	-
MECHANICS (MOTOR VEHICLES)-----	-	\$6.47	\$8.00	-	\$8.44	6.83	6.83	5.92	\$7.65	\$7.49	\$5.84	\$7.28	\$8.60	\$6.42	8.77	\$8.31
PIPEFITTERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.45	-
SHEET-METAL WORKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	-	-	-	-	4.95	-	-	6.76	-	-	-	-	-	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOOL AND DIE MAKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.83	-
BOILER TENDERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>																
TRUCKDRIVERS-----	-	-	8.43	7.69	8.52	7.17	6.90	6.05	7.82	6.02	7.11	-	8.46	7.55	8.54	8.55
LIGHT TRUCK-----	-	-	-	-	-	-	4.37	-	-	-	-	-	-	-	-	-
MEDIUM TRUCK-----	-	-	-	-	-	5.71	6.63	-	7.89	5.36	7.60	-	-	-	-	-
HEAVY TRUCK-----	-	-	-	-	-	-	-	-	-	7.66	-	-	-	-	-	-
TRACTOR-TRAILER-----	-	7.07	-	-	8.52	-	7.14	4.93	7.96	6.08	6.09	-	8.46	7.68	8.66	8.58
SHIPPERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEIVERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHIPPERS AND RECEIVERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.49	-
WAREHOUSEMEN-----	-	-	-	-	-	-	-	5.71	-	-	-	-	-	-	7.37	-
ORDER FILLERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHIPPING PACKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL HANDLING LABORERS-----	-	-	-	-	4.15	-	4.78	-	-	4.83	4.31	-	8.54	-	8.23	8.38
FORKLIFT OPERATORS-----	-	-	5.04	-	6.13	-	-	4.55	-	-	-	-	-	-	-	-
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.76	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.07	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS AND WATCHMEN-----	-	-	-	-	-	-	-	-	-	-	-	5.70	-	-	-	-
JANITORS, PORTERS, AND CLEANERS-----	-	3.95	-	5.06	4.58	6.17	3.78	4.44	3.83	4.46	3.53	5.01	5.30	4.63	5.77	4.41

**Table A-11. Hourly earnings of plant workers, January through December 1977—public utilities—Continued**

OCCUPATION	NORTH CENTRAL--CONTINUED															
	CLEVELAND	COLUMBUS	DAVENPORT- ROCK ISLAND- MOLINE	DAYTON	DETROIT	GREEN BAY	INDIAN- APOLIS	KANSAS CITY	MILWAUKEE	MINNE- APOLIS- ST PAUL	OMAHA	SAGINAW	ST LOUIS	SOUTH BEND	TOLEDO	WICHITA
	SEPTEMBER	OCTOBER	MAY	DECEMBER	MARCH	JULY	OCTOBER	SEPTEMBER	APRIL	JANUARY	OCTOBER	NOVEMBER	MARCH	AUGUST	MAY	APRIL
<b>ALL WORKERS</b>																
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>																
CARPENTERS-----	-	-	-	-	\$6.68	-	-	-	\$6.85	\$6.77	-	-	-	-	-	-
ELECTRICIANS-----	-	-	-	-	7.23	-	-	-	-	-	-	-	-	-	-	-
PAINTERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS-----	-	-	-	-	7.19	-	-	-	-	-	-	-	-	-	-	-
MECHANICS (MACHINERY)-----	-	-	-	-	-	-	-	-	-	8.17	-	-	\$7.90	-	-	-
MECHANICS (MOTOR VEHICLES)---	\$8.10	\$8.64	\$8.33	\$7.28	7.77	\$8.10	\$8.22	\$7.75	7.87	7.88	\$7.61	-	6.82	\$8.44	\$8.30	-
PIPEFITTERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHEET-METAL WORKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	-	-	7.06	-	-	-	-	-	5.83	-	-	-	-	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOOL AND DIE MAKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS-----	-	-	-	-	-	-	-	6.66	-	7.49	-	-	-	-	-	-
BOILER TENDERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>																
TRUCKDRIVERS-----	8.40	8.25	8.48	7.25	7.85	8.48	8.58	8.21	8.10	7.75	8.12	-	7.61	8.50	8.08	\$8.02
LIGHT TRUCK-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEDIUM TRUCK-----	-	-	-	-	-	-	-	7.44	-	7.74	-	-	-	-	-	-
HEAVY TRUCK-----	-	-	-	-	-	-	8.60	-	7.70	-	-	-	7.34	-	-	-
TRACTOR-TRAILER-----	-	8.57	-	8.49	7.84	-	8.61	8.46	8.51	7.76	8.04	-	7.75	-	8.15	-
SHIPPERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RECEIVERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHIPPERS AND RECEIVERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAREHOUSEMEN-----	7.12	6.38	-	-	-	-	-	-	-	-	-	-	-	-	5.67	-
ORDER FILLERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SHIPPING PACKERS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL HANDLING LABORERS---	-	7.94	-	7.81	7.79	-	8.20	7.45	8.38	7.73	-	-	7.59	-	8.03	-
FORKLIFT OPERATORS-----	-	-	-	-	-	-	-	7.32	-	-	-	-	-	-	-	-
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)---	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS AND WATCHMEN-----	-	-	-	-	6.94	-	6.69	6.34	-	6.53	-	-	4.92	-	-	-
JANITORS, PORTERS, AND CLEANERS-----	-	4.58	5.20	4.73	5.80	-	5.01	6.43	4.70	5.66	5.34	\$5.74	5.23	-	5.11	-

**Table A-11. Hourly earnings of plant workers, January through December 1977—public utilities—Continued**

OCCUPATION	WEST											
	ANAHEIM-SANTA ANA-GARDEN GROVE	BILLINGS	DENVER-BOULDER	FRESNO	LOS ANGELES-LONG BEACH	PORTLAND	SACRAMENTO	SALT LAKE CITY-OGDEN	SAN DIEGO	SAN FRANCISCO-OAKLAND	SAN JOSE	SEATTLE-EVERETT
	OCTOBER	JULY	DECEMBER	JUNE	OCTOBER	MAY	DECEMBER	NOVEMBER	NOVEMBER	MARCH	MARCH	JANUARY
<b>ALL WORKERS</b>												
<b>MAINTENANCE, TOOLROOM, AND POWERPLANT</b>												
CARPENTERS-----	-	-	-	-	-	-	-	-	-	\$8.18	-	-
ELECTRICIANS-----	-	-	-	-	-	-	-	-	-	8.65	-	-
PAINTERS-----	-	-	-	-	-	-	-	-	-	-	-	-
MACHINISTS-----	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICS (MACHINERY)-----	-	-	\$7.76	-	-	-	-	-	-	8.43	-	-
MECHANICS (MOTOR VEHICLES)-----	\$6.54	\$8.56	8.41	\$7.67	\$8.69	\$8.44	\$8.90	\$8.83	\$8.88	8.86	\$8.49	\$7.99
PIPEFITTERS-----	-	-	-	-	-	-	-	-	-	-	-	-
SHEET-METAL WORKERS-----	-	-	-	-	-	-	-	-	-	-	-	-
MILLWRIGHTS-----	-	-	-	-	-	-	-	-	-	-	-	-
TRADES HELPERS-----	-	-	-	-	-	-	-	-	-	-	-	-
MACHINE-TOOL OPERATORS (TOOLROOM)-----	-	-	-	-	-	-	-	-	-	-	-	-
TOOL AND DIE MAKERS-----	-	-	-	-	-	-	-	-	-	-	-	-
STATIONARY ENGINEERS-----	-	-	-	-	-	-	-	-	-	-	-	-
BOILER TENDERS-----	-	-	-	-	-	-	-	-	-	-	-	-
<b>MATERIAL MOVEMENT AND CUSTODIAL</b>												
TRUCKDRIVERS-----	6.42	8.34	8.28	6.13	8.45	8.26	7.87	7.62	7.95	8.09	-	7.85
LIGHT TRUCK-----	-	-	-	-	-	-	-	-	-	-	-	-
MEDIUM TRUCK-----	-	-	8.34	-	8.53	8.12	-	7.41	-	-	-	-
HEAVY TRUCK-----	-	-	-	-	8.20	8.29	-	-	-	-	-	7.85
TRACTOR-TRAILER-----	-	-	8.15	-	8.49	8.32	-	8.36	7.33	8.14	8.14	7.89
SHIPPERS-----	-	-	-	-	-	-	-	-	-	-	-	-
RECEIVERS-----	-	-	-	-	-	-	-	-	-	-	-	-
SHIPPERS AND RECEIVERS-----	-	-	-	-	-	-	-	-	-	-	-	7.22
WAREHOUSEMEN-----	-	-	8.36	-	6.15	7.61	-	-	-	-	-	-
ORDER FILLERS-----	-	-	-	-	-	-	-	-	-	-	-	-
SHIPPING PACKERS-----	-	-	-	-	-	-	-	-	-	-	-	-
MATERIAL HANDLING LABORERS-----	-	-	-	-	8.38	7.80	-	7.90	-	8.07	-	7.40
FORKLIFT OPERATORS-----	-	-	8.43	-	8.61	-	8.02	8.05	-	-	-	7.80
POWER-TRUCK OPERATORS (OTHER THAN FORKLIFT)-----	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS-----	-	-	-	-	-	-	-	-	-	-	-	-
CLASS A-----	-	-	-	-	-	-	-	-	-	-	-	-
CLASS B-----	-	-	-	-	-	-	-	-	-	-	-	-
GUARDS AND WATCHMEN-----	-	-	-	-	6.10	-	-	-	-	6.00	-	-
JANITORS, PORTERS, AND CLEANERS-----	-	-	6.19	-	6.47	4.52	-	5.03	-	5.65	-	5.85

**Table A-12. Percent increases in average hourly earnings for selected occupational groups in all industries, manufacturing, and nonmanufacturing, adjusted for employment shifts, January–December 1977<sup>4</sup>**

Metropolitan area	All industries					Manufacturing					Nonmanufacturing			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance trades	Unskilled plant workers	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance trades	Unskilled plant workers	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant workers
<u>Northeast</u>														
Albany–Schenectady–Troy .....	5.8	-	6.5	7.1	7.7	-	-	7.2	7.0	6.7	5.0	-	-	9.0
Boston .....	6.4	5.8	5.9	7.3	6.5	7.1	5.9	6.3	6.6	7.4	6.1	5.8	-	6.0
Buffalo .....	7.6	5.9	8.3	8.3	7.4	8.0	7.3	8.4	8.3	8.1	7.1	-	-	6.5
Hartford .....	6.3	5.3	6.2	7.1	6.6	6.5	-	6.5	7.1	6.5	6.3	6.3	-	6.7
Nassau–Suffolk .....	6.5	5.1	8.3	6.6	5.1	6.5	-	9.1	6.7	6.1	6.5	4.6	-	4.3
Newark .....	6.0	5.1	7.7	8.0	6.2	6.5	5.3	7.7	8.0	6.6	5.6	5.0	-	5.9
New York .....	5.8	5.8	6.8	6.4	7.3	7.1	6.6	6.4	7.0	7.3	5.4	5.6	7.1	7.3
Northeast Pennsylvania .....	7.4	-	9.3	10.4	8.8	8.5	-	9.8	10.5	10.6	6.7	-	-	7.3
Paterson–Clifton–Passaic .....	6.6	6.5	6.7	7.0	8.5	7.6	-	6.6	6.8	8.4	5.4	4.5	-	9.0
Philadelphia .....	7.1	7.4	8.7	8.1	7.2	8.7	8.1	8.5	8.4	7.5	5.7	6.6	9.5	6.9
Pittsburgh .....	8.0	8.4	8.7	8.0	8.1	8.5	10.4	8.5	8.0	8.8	7.5	6.0	-	7.4
Portland .....	9.0	-	-	7.4	8.7	-	-	-	7.2	8.4	9.1	-	-	9.0
Poughkeepsie .....	-	-	-	-	6.7	-	-	-	-	8.1	-	-	-	-
Providence–Warwick–Pawtucket .....	6.7	6.8	6.8	8.1	7.9	7.0	-	7.4	7.7	8.2	6.4	-	-	7.5
Trenton .....	6.7	7.2	8.1	11.7	8.5	7.9	-	8.1	12.1	9.0	-	-	-	-
Utica–Rome .....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Worcester .....	6.8	5.9	6.1	7.9	6.9	6.5	-	-	7.8	7.3	7.1	6.1	-	-
York .....	6.8	-	8.0	8.4	7.5	6.4	-	-	8.3	7.0	-	-	-	8.4
<u>South</u>														
Atlanta .....	6.8	7.3	6.4	8.6	6.1	6.7	-	-	7.8	8.3	6.8	7.6	-	5.4
Baltimore .....	5.8	6.5	6.8	8.6	5.6	6.4	7.1	7.5	7.8	8.2	5.4	6.2	-	4.9
Birmingham .....	5.8	7.2	8.1	6.3	4.8	7.1	-	8.5	6.1	6.8	5.4	7.3	-	4.0
Chattanooga .....	6.9	7.4	-	8.6	8.3	8.6	-	-	8.6	9.3	5.5	7.2	-	-
Corpus Christi .....	6.6	-	-	10.5	4.7	-	-	-	10.4	8.5	-	-	-	2.1
Dallas–Fort Worth .....	7.0	6.6	8.3	8.9	5.9	7.4	6.9	9.2	8.3	8.1	6.8	6.5	-	4.8
Daytona Beach .....	-	-	-	-	6.1	-	-	-	-	-	-	-	-	-
Gainesville .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greensboro–Winston–Salem– High Point .....	8.6	6.9	6.9	9.7	10.6	9.9	7.6	7.5	9.9	-	7.3	-	-	7.7
Greenville–Spartanburg .....	7.7	5.8	7.8	8.0	7.8	8.5	8.2	7.8	8.0	8.0	6.7	-	-	7.4
Houston .....	7.4	5.8	9.8	9.1	5.1	8.1	-	9.5	8.7	10.0	7.2	5.6	-	3.1
Huntsville .....	7.7	-	-	8.9	2.8	-	-	-	-	4.2	-	-	-	-
Jackson .....	5.6	-	-	9.9	4.8	-	-	-	9.5	7.9	5.6	-	-	2.0
Jacksonville .....	6.8	6.3	10.5	8.9	7.8	-	-	-	9.4	8.9	6.6	6.0	-	7.1
Louisville .....	6.3	8.9	9.2	8.7	6.7	7.3	-	9.3	9.2	9.1	5.7	11.0	-	2.8
Memphis .....	7.5	7.6	10.4	8.3	5.8	7.5	-	-	8.2	6.7	7.5	6.7	-	5.1
Miami .....	7.0	8.5	-	9.5	5.4	-	-	-	6.6	6.2	7.2	9.0	-	5.3
New Orleans .....	6.8	7.8	-	10.4	6.9	-	-	-	11.2	11.3	6.7	7.7	-	5.6
Norfolk–Virginia Beach– Portsmouth .....	*7.7	-	-	6.2	*7.3	-	-	-	*5.3	*9.3	*7.3	-	-	*6.3
Oklahoma City .....	7.9	9.7	-	9.1	5.3	6.7	-	-	7.5	10.6	8.2	-	-	3.5
Richmond .....	5.6	7.0	8.0	9.8	8.7	7.2	5.3	8.1	10.3	11.9	4.9	7.6	-	6.0
San Antonio .....	6.0	7.3	-	9.4	11.0	-	-	-	-	8.9	5.7	6.8	-	11.4
Washington .....	7.0	6.5	6.9	7.6	4.6	-	-	-	8.1	10.2	7.1	6.7	-	4.2
<u>North Central</u>														
Akron .....	8.3	7.6	9.7	8.4	8.2	9.1	8.7	9.9	8.3	8.0	7.0	-	-	8.5
Canton .....	-	7.7	8.9	9.8	11.2	-	-	9.0	9.7	11.4	-	-	-	10.6
Chicago .....	8.0	6.9	7.7	8.5	10.4	8.1	6.3	7.1	8.4	10.1	8.0	7.4	9.6	10.6
Cincinnati .....	6.8	7.1	7.6	9.3	8.7	7.3	-	8.3	9.0	8.8	6.2	7.2	-	8.4
Cleveland .....	7.5	8.7	8.1	12.1	9.0	7.0	6.5	8.2	12.8	10.9	8.0	10.5	-	-
Columbus .....	7.1	6.5	11.0	10.4	7.4	7.1	-	11.5	9.4	9.8	7.1	6.4	-	6.0

See footnotes at end of B-series tables.

**Table A-12. Percent increases in average hourly earnings for selected occupational groups in all industries, manufacturing, and nonmanufacturing, adjusted for employment shifts, January–December 1977<sup>1</sup>—Continued**

Metropolitan area	All industries					Manufacturing					Nonmanufacturing			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance trades	Unskilled plant workers	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance trades	Unskilled plant workers	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant workers
<b>North Central—Continued</b>														
Davenport—Rock Island—Moline .....	9.1	9.0	6.3	7.7	8.9	8.9	-	6.3	7.5	8.1	8.6	-	-	-
Dayton .....	6.6	8.0	6.1	9.4	8.6	6.6	7.1	6.3	9.2	9.5	6.6	-	-	5.6
Detroit .....	7.6	7.0	8.5	9.3	8.2	7.9	7.8	8.7	9.4	8.8	7.4	6.3	-	7.4
Green Bay .....	7.1	-	-	8.5	8.4	-	-	-	8.2	9.8	-	-	-	-
Indianapolis .....	7.0	5.8	11.4	11.3	8.2	7.5	-	11.3	11.8	10.1	6.7	4.6	-	6.6
Kansas City .....	6.4	6.5	7.5	10.2	7.7	7.1	-	7.6	11.0	10.3	6.3	6.3	-	6.0
Milwaukee .....	7.2	7.0	6.5	8.6	7.2	7.9	7.2	6.7	9.1	8.2	6.4	6.8	-	5.1
Minneapolis—St. Paul .....	7.9	5.5	8.2	8.7	8.9	8.1	5.8	9.0	8.8	8.3	7.7	5.0	-	9.2
Omaha .....	7.9	11.4	-	9.2	6.5	-	-	-	8.5	10.2	7.7	12.0	-	4.5
Saginaw .....	6.7	-	-	-	7.4	-	-	-	-	-	-	-	-	-
St. Louis .....	6.9	7.0	8.3	7.9	8.4	6.7	7.0	8.5	8.3	9.0	7.1	7.0	-	7.8
South Bend .....	8.0	6.8	8.9	11.3	10.8	8.5	5.2	8.9	11.2	15.5	-	-	-	-
Toledo .....	6.8	7.5	7.3	8.9	7.9	7.5	8.1	7.3	8.9	8.0	5.5	-	-	7.6
Wichita .....	*7.8	*4.2	8.8	*9.7	*7.7	*7.4	-	8.8	8.3	3.7	*7.6	-	-	*10.6
<b>West</b>														
Anaheim—Santa Ana—Garden Grove..	7.7	6.3	7.7	8.0	5.5	7.5	-	-	8.1	7.3	7.9	5.7	-	4.7
Billings .....	8.1	-	-	8.6	6.1	-	-	-	-	-	-	-	-	-
Denver—Boulder .....	7.7	7.4	7.6	8.6	9.5	6.7	7.2	7.6	7.6	8.9	8.0	7.5	-	9.5
Fresno .....	6.7	-	-	9.2	6.6	-	-	-	9.7	5.2	7.1	-	-	-
Los Angeles—Long Beach .....	7.4	6.6	7.4	8.8	6.7	7.2	6.3	7.5	8.6	5.7	7.5	6.8	7.0	7.1
Portland .....	9.2	7.9	-	10.0	7.8	-	-	-	10.0	9.7	8.8	7.5	-	6.7
Sacramento .....	8.8	-	-	8.4	7.8	-	-	-	8.1	9.6	8.1	-	-	6.8
Salt Lake City—Ogden .....	7.4	9.5	-	7.4	8.0	7.4	-	-	6.8	8.5	7.5	9.7	-	7.8
San Diego .....	5.6	7.2	-	7.3	5.9	5.8	7.8	-	6.5	-	5.5	6.8	-	-
San Francisco—Oakland .....	6.7	6.8	6.2	8.9	7.1	6.9	5.0	5.2	8.9	8.1	6.7	7.5	-	6.9
San Jose .....	7.4	6.9	7.6	8.0	6.7	8.0	7.4	6.9	7.8	8.0	6.1	-	-	5.0
Seattle—Everett .....	8.1	7.4	7.1	8.1	7.1	-	-	-	9.2	9.2	8.3	7.1	-	6.4

\* Revised estimate.

See footnotes at end of B-series tables.

## B. Establishment practices and supplementary wage provisions

**Table B-1. Late-shift pay differentials for full-time manufacturing plant workers, January through December 1977**

(All full-time manufacturing plant workers in each area = 100 percent)

SHIFT OPERATION AND SHIFT PAY DIFFERENTIAL	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARWICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
<b>PERCENT OF WORKERS ON LATE SHIFTS:</b>										
SECOND SHIFT-----	12.2	12.0	13.6	16.5	12.9	18.1	17.4	18.1	18.2	18.6
WITH SHIFT PAY DIFFERENTIAL-----	10.3	11.4	13.0	15.0	11.8	17.2	11.2	18.1	10.5	17.1
UNIFORM CENTS (PER HOUR)-----	7.3	9.5	8.8	13.5	10.3	5.4	9.9	16.5	9.1	12.1
UNDER 8 CENTS-----	-	1.4	1.2	-	-	-	.4	-	.3	.6
8 AND UNDER 9 CENTS-----	-	.2	-	-	-	-	-	-	-	1.1
9 AND UNDER 10 CENTS-----	-	-	-	-	-	1.1	-	-	-	-
10 AND UNDER 11 CENTS-----	1.1	3.3	.9	-	2.5	-	3.5	.4	4.9	5.5
11 AND UNDER 12 CENTS-----	.1	-	-	-	-	-	-	.4	.4	-
12 AND UNDER 13 CENTS-----	.2	.6	-	.3	-	-	-	1.9	.1	3.5
13 AND UNDER 14 CENTS-----	-	.3	1.3	-	2.3	-	-	.5	1.4	-
14 AND UNDER 15 CENTS-----	.9	-	-	-	-	-	-	.2	-	.7
15 AND UNDER 16 CENTS-----	1.5	.9	2.4	3.9	5.5	4.3	.1	1.4	1.9	.4
16 AND UNDER 18 CENTS-----	-	-	.3	-	-	-	.3	1.6	-	-
18 AND UNDER 20 CENTS-----	.8	-	.2	1.1	-	-	.1	.9	-	-
20 AND UNDER 21 CENTS-----	.9	.9	1.9	1.7	-	-	.7	4.6	-	.4
21 CENTS AND OVER-----	1.8	1.9	.4	6.5	-	-	4.9	4.6	-	-
UNIFORM PERCENTAGE-----	3.0	1.9	4.1	-	1.5	11.7	1.3	1.4	1.4	5.0
UNDER 5 PERCENT-----	-	.2	-	-	-	-	-	.1	-	-
5 PERCENT-----	.6	.1	.1	-	-	-	-	-	1.4	4.3
OVER 5 AND UNDER 10 PERCENT-----	.6	-	.3	-	1.1	-	.5	.4	-	-
10 PERCENT-----	1.8	1.4	3.8	-	.4	11.7	.8	.5	-	.7
OVER 10 AND UNDER 15 PERCENT-----	-	-	-	-	-	-	-	.3	-	-
15 PERCENT AND OVER-----	-	.1	-	-	-	-	-	.1	-	-
OTHER <sup>1</sup> -----	-	-	-	1.5	-	-	-	.2	-	-
WITH NO SHIFT PAY DIFFERENTIAL-----	2.0	.6	.7	1.5	1.1	1.0	6.1	.1	7.7	1.5
<b>THIRD SHIFT-----</b>										
WITH SHIFT PAY DIFFERENTIAL-----	5.4	4.0	6.4	11.5	6.6	7.0	8.3	9.6	7.2	4.6
UNIFORM CENTS (PER HOUR)-----	3.3	3.2	3.6	8.7	6.3	.1	6.5	9.3	7.2	3.5
UNDER 7 CENTS-----	-	-	-	-	-	-	3.2	-	3.1	-
7 AND UNDER 9 CENTS-----	-	-	-	-	-	-	-	-	-	.2
9 AND UNDER 11 CENTS-----	.3	.5	.9	-	-	-	.6	-	-	.3
11 AND UNDER 13 CENTS-----	-	-	-	-	-	-	-	.5	-	-
13 AND UNDER 14 CENTS-----	-	-	-	-	-	-	-	-	(6)	.2
14 AND UNDER 15 CENTS-----	-	-	-	-	-	-	-	-	-	-
15 AND UNDER 16 CENTS-----	.4	.8	.3	-	.1	-	.1	.3	2.6	1.6
16 AND UNDER 17 CENTS-----	-	-	.1	-	-	-	.1	.2	-	.1
17 AND UNDER 18 CENTS-----	(6)	-	.1	-	-	-	-	-	-	-
18 AND UNDER 20 CENTS-----	.5	.3	.9	.3	-	-	-	.2	1.4	.7
20 AND UNDER 22 CENTS-----	.6	.6	-	-	6.2	-	.1	1.9	-	-
22 AND UNDER 26 CENTS-----	1.1	.4	1.1	-	-	-	.6	1.3	-	-
26 AND UNDER 30 CENTS-----	.2	-	-	1.0	-	-	.2	.3	-	-
30 CENTS AND OVER-----	.1	.6	.3	7.3	-	.1	1.5	4.6	-	.4
UNIFORM PERCENTAGE-----	1.9	.7	2.2	-	.3	6.9	.4	(6)	-	-
UNDER 7 PERCENT-----	.1	.1	-	-	-	-	-	-	-	-
7 AND UNDER 10 PERCENT-----	-	-	-	-	.3	-	-	-	-	-
10 PERCENT-----	1.7	.6	2.2	-	-	6.9	.4	-	-	-
OVER 10 AND UNDER 15 PERCENT-----	-	-	-	-	-	-	-	(6)	-	-
15 PERCENT-----	-	-	-	-	-	-	-	-	-	-
OVER 15 PERCENT-----	-	-	-	-	-	-	-	-	-	-
OTHER <sup>1</sup> -----	.3	.1	-	1.5	(6)	-	.1	.3	-	-
WITH NO SHIFT PAY DIFFERENTIAL-----	-	-	.7	1.3	-	-	1.2	(6)	-	1.1
<b>AVERAGE PAY DIFFERENTIAL:</b>										
<b>SECOND SHIFT:</b>										
UNIFORM CENTS (PER HOUR)-----	16.9	14.7	14.5	30.8	13.4	14.1	20.1	23.1	11.4	10.8
UNIFORM PERCENTAGE-----	8.5	9.4	9.8	-	7.8	10.0	8.4	9.2	5.0	5.7
<b>THIRD SHIFT:</b>										
UNIFORM CENTS (PER HOUR)-----	20.6	19.6	18.9	66.7	19.9	35.0	15.8	45.6	11.5	16.2
UNIFORM PERCENTAGE-----	9.6	9.2	10.0	-	7.0	10.0	10.0	12.0	-	-

See footnotes at end of B-series tables.

**Table B-1. Late-shift pay differentials for full-time manufacturing plant workers, January through December 1977—Continued**

(All full-time manufacturing plant workers in each area=100 percent)

SHIFT OPERATION AND SHIFT PAY DIFFERENTIAL	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
<b>PERCENT OF WORKERS ON LATE SHIFTS:</b>										
SECOND SHIFT-----	21.9	16.7	16.5	18.4	10.5	23.8	21.5	20.7	27.1	21.8
WITH SHIFT PAY DIFFERENTIAL-----	21.9	16.5	16.5	18.4	7.6	21.9	21.3	20.7	26.7	21.8
UNIFORM CENTS (PER HOUR)-----	12.6	10.0	9.5	12.6	5.6	20.7	13.1	13.2	13.1	16.3
UNDER 8 CENTS-----	(6)	1.1	1.7	-	.9	.7	-	-	1.0	-
8 AND UNDER 9 CENTS-----	-	-	-	2.9	-	.4	.1	.4	-	-
9 AND UNDER 10 CENTS-----	-	1.5	-	.8	-	.7	.1	.9	.1	.1
10 AND UNDER 11 CENTS-----	3.0	2.6	2.7	1.0	2.9	2.4	2.6	1.6	2.1	.9
11 AND UNDER 12 CENTS-----	.3	-	-	-	-	.4	.3	.2	-	.4
12 AND UNDER 13 CENTS-----	.5	.7	.1	.4	-	5.4	.4	1.6	.9	.4
13 AND UNDER 14 CENTS-----	.1	-	.2	.2	-	-	.4	.3	.1	.2
14 AND UNDER 15 CENTS-----	.1	1.2	-	-	.2	-	.5	.1	-	-
15 AND UNDER 16 CENTS-----	2.8	1.2	.1	1.4	.9	2.5	2.2	1.6	1.7	1.1
16 AND UNDER 18 CENTS-----	.3	-	-	-	-	.2	1.1	.9	.3	-
18 AND UNDER 20 CENTS-----	.4	-	.9	-	-	.1	.6	.2	.6	-
20 AND UNDER 21 CENTS-----	1.0	1.5	1.9	-	.5	6.9	2.2	1.5	2.8	2.0
21 CENTS AND OVER-----	4.1	.2	1.7	6.0	.2	1.2	2.0	3.9	3.6	11.2
UNIFORM PERCENTAGE-----	9.0	3.7	6.8	5.7	1.6	1.1	7.6	7.5	12.6	5.5
UNDER 5 PERCENT-----	-	2.9	-	2.1	-	-	.7	-	.3	2.1
5 PERCENT-----	3.0	.2	-	-	.3	1.1	1.9	3.7	10.4	-
OVER 5 AND UNDER 10 PERCENT-----	.5	.6	.9	.4	.3	-	1.0	.9	.2	3.4
10 PERCENT-----	5.6	-	6.0	3.2	1.1	-	3.7	2.6	1.7	-
OVER 10 AND UNDER 15 PERCENT-----	-	-	-	-	-	-	.1	-	-	-
15 PERCENT AND OVER-----	-	-	-	-	-	-	.1	.3	-	-
OTHER <sup>1</sup> -----	.2	2.8	.2	-	.4	-	.6	-	.9	-
WITH NO SHIFT PAY DIFFERENTIAL-----	(6)	.2	-	-	2.9	2.0	.2	-	.5	-
<b>THIRD SHIFT-----</b>										
THIRD SHIFT-----	8.8	5.9	4.7	12.0	2.7	12.6	8.2	6.8	9.2	9.0
WITH SHIFT PAY DIFFERENTIAL-----	8.8	5.9	4.7	12.0	1.2	11.8	8.1	6.8	9.0	9.0
UNIFORM CENTS (PER HOUR)-----	4.6	3.4	2.7	8.0	1.1	10.9	5.5	5.0	5.6	5.7
UNDER 7 CENTS-----	(6)	-	-	-	-	-	-	-	.1	-
7 AND UNDER 9 CENTS-----	-	-	-	-	-	-	-	-	-	-
9 AND UNDER 11 CENTS-----	-	.3	.3	.5	.1	1.5	.7	-	.8	.3
11 AND UNDER 13 CENTS-----	.2	-	-	2.3	-	.7	.3	.5	(6)	-
13 AND UNDER 14 CENTS-----	-	.5	-	-	-	-	-	(6)	-	-
14 AND UNDER 15 CENTS-----	-	.1	-	.8	-	.4	.1	-	-	-
15 AND UNDER 16 CENTS-----	.2	.3	.1	.2	.9	1.7	.4	.2	1.0	-
16 AND UNDER 17 CENTS-----	-	.5	-	-	-	.5	.1	-	-	-
17 AND UNDER 18 CENTS-----	.2	-	-	-	-	(6)	.1	-	(6)	-
18 AND UNDER 20 CENTS-----	.2	.6	.2	.2	-	.2	.2	1.3	.3	-
20 AND UNDER 22 CENTS-----	.5	.2	2.0	-	-	.5	1.4	.6	.4	.8
22 AND UNDER 26 CENTS-----	.9	(6)	-	1.3	-	.1	.6	.6	.7	.2
26 AND UNDER 30 CENTS-----	-	-	-	-	-	-	.1	.1	.3	.2
30 CENTS AND OVER-----	2.4	.9	-	2.5	(6)	5.3	1.5	1.5	2.0	4.2
UNIFORM PERCENTAGE-----	4.1	.5	1.8	4.1	(6)	.9	2.0	1.4	3.1	3.4
UNDER 7 PERCENT-----	.4	.5	-	1.8	(6)	-	.4	-	.2	3.4
7 AND UNDER 10 PERCENT-----	-	-	-	-	-	-	.4	-	.1	-
10 PERCENT-----	3.8	-	1.8	2.2	-	.9	.9	1.1	2.7	-
OVER 10 AND UNDER 15 PERCENT-----	-	-	-	-	-	-	.1	.2	-	-
15 PERCENT-----	-	-	-	-	-	-	.1	.1	.1	-
OVER 15 PERCENT-----	-	-	-	-	-	-	.1	-	-	-
OTHER <sup>2</sup> -----	.1	2.0	.2	-	-	(6)	.6	.4	.3	-
WITH NO SHIFT PAY DIFFERENTIAL-----	-	-	-	-	1.5	.8	.1	-	.1	-
<b>AVERAGE PAY DIFFERENTIAL:</b>										
<b>SECOND SHIFT:</b>										
UNIFORM CENTS (PER HOUR)-----	18.5	12.3	14.9	19.6	12.1	15.2	17.7	22.0	18.4	26.3
UNIFORM PERCENTAGE-----	8.1	3.6	9.6	7.3	8.5	5.0	7.8	7.4	5.7	4.9
<b>THIRD SHIFT:</b>										
UNIFORM CENTS (PER HOUR)-----	27.2	25.9	18.5	22.1	14.7	22.4	21.6	23.4	21.8	37.4
UNIFORM PERCENTAGE-----	9.6	5.3	10.0	7.8	5.0	10.0	9.5	10.6	9.7	5.4

See footnotes at end of B-series tables.

**Table B-1. Late-shift pay differentials for full-time manufacturing plant workers, January through December 1977—Continued**

(All full-time manufacturing plant workers in each area=100 percent)

SHIFT OPERATION AND SHIFT PAY DIFFERENTIAL	NORTH CENTRAL-CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
<b>PERCENT OF WORKERS ON LATE SHIFTS:</b>										
SECOND SHIFT-----	26.2	17.6	18.3	21.2	17.9	18.7	16.7	23.4	12.7	17.8
WITH SHIFT PAY DIFFERENTIAL-----	26.2	17.5	18.3	20.8	17.9	18.6	16.6	22.9	12.7	17.8
UNIFORM CENTS (PER HOUR)-----	8.4	11.2	15.0	20.2	17.9	12.8	13.4	22.9	7.7	13.9
UNDER 8 CENTS-----	-	1.2	.7	.4	4.1	3.7	1.4	-	.2	-
8 AND UNDER 9 CENTS-----	-	-	.5	-	-	-	-	-	-	-
9 AND UNDER 10 CENTS-----	.7	-	-	-	-	-	-	-	-	-
10 AND UNDER 11 CENTS-----	.9	1.9	2.4	1.8	-	1.5	.2	7.4	-	.1
11 AND UNDER 12 CENTS-----	.5	-	-	-	-	-	-	-	-	-
12 AND UNDER 13 CENTS-----	.1	.4	-	-	-	.4	2.0	6.3	-	3.2
13 AND UNDER 14 CENTS-----	.9	.6	.1	-	3.6	-	.1	1.5	-	-
14 AND UNDER 15 CENTS-----	1.4	-	1.8	-	2.3	.5	.6	-	-	-
15 AND UNDER 16 CENTS-----	1.0	3.8	7.8	4.4	1.9	2.2	3.2	1.4	-	1.3
16 AND UNDER 18 CENTS-----	1.1	.1	-	-	-	-	-	.4	1.4	-
18 AND UNDER 20 CENTS-----	.2	1.3	-	2.7	-	(6)	.2	-	1.3	.3
20 AND UNDER 21 CENTS-----	1.3	.9	.7	.1	1.3	.9	1.0	1.4	-	.8
21 CENTS AND OVER-----	.4	.9	1.2	10.8	4.8	3.6	4.8	4.6	4.9	8.2
UNIFORM PERCENTAGE-----	17.8	6.3	3.3	-	-	4.9	2.5	-	1.4	.1
UNDER 5 PERCENT-----	-	.9	-	-	-	-	-	-	-	-
5 PERCENT-----	16.7	.8	3.1	-	-	2.2	-	-	1.4	-
OVER 5 AND UNDER 10 PERCENT-----	1.0	.8	-	-	-	.4	.8	-	-	-
10 PERCENT-----	.1	3.8	.2	-	-	2.3	1.7	-	-	.1
OVER 10 AND UNDER 15 PERCENT-----	-	-	-	-	-	-	-	-	-	-
15 PERCENT AND OVER-----	-	-	-	-	-	-	-	-	-	-
OTHER-----	-	-	-	.6	-	.9	.7	-	3.5	3.8
WITH NO SHIFT PAY DIFFERENTIAL-----	-	.1	-	.4	-	.1	.2	.4	-	-
THIRD SHIFT-----	3.7	7.1	8.0	4.5	6.3	6.3	7.4	10.4	4.6	4.4
WITH SHIFT PAY DIFFERENTIAL-----	3.7	7.1	8.0	4.4	6.3	6.3	7.4	9.5	4.6	4.4
UNIFORM CENTS (PER HOUR)-----	3.2	4.6	6.7	2.0	6.3	4.2	6.3	9.5	1.7	2.6
UNDER 7 CENTS-----	-	-	-	.3	-	-	-	-	-	-
7 AND UNDER 9 CENTS-----	-	-	-	-	-	.8	.4	-	-	-
9 AND UNDER 11 CENTS-----	-	.6	.7	-	-	(6)	-	-	-	-
11 AND UNDER 13 CENTS-----	.2	.2	-	.1	-	-	.1	-	-	.1
13 AND UNDER 14 CENTS-----	-	-	-	-	-	-	.1	-	-	-
14 AND UNDER 15 CENTS-----	-	-	(6)	-	-	-	-	-	-	-
15 AND UNDER 16 CENTS-----	.2	.6	3.8	-	.2	.9	1.0	.4	-	(6)
16 AND UNDER 17 CENTS-----	-	-	.8	-	-	-	-	-	-	-
17 AND UNDER 18 CENTS-----	.9	.6	-	-	-	-	-	-	-	.2
18 AND UNDER 20 CENTS-----	.3	.6	-	.1	-	-	.1	1.5	-	.2
20 AND UNDER 22 CENTS-----	.3	1.5	-	-	1.3	.9	1.2	2.0	1.7	(6)
22 AND UNDER 26 CENTS-----	.2	.8	.1	.7	-	.7	.7	1.0	-	1.6
26 AND UNDER 30 CENTS-----	1.1	.2	1.4	-	-	-	.2	3.2	-	-
30 CENTS AND OVER-----	(6)	.1	-	.7	4.8	1.0	2.5	1.4	-	.5
UNIFORM PERCENTAGE-----	.5	2.1	1.3	-	-	.9	.4	-	1.1	-
UNDER 7 PERCENT-----	.1	-	.6	-	-	-	(6)	-	-	-
7 AND UNDER 10 PERCENT-----	(6)	-	-	-	-	.3	-	-	-	-
10 PERCENT-----	.3	1.9	.7	-	-	.3	-	-	1.1	-
OVER 10 AND UNDER 15 PERCENT-----	-	.3	-	-	-	.3	-	-	-	-
15 PERCENT-----	(6)	-	-	-	-	-	.4	-	-	-
OVER 15 PERCENT-----	-	-	-	-	-	-	-	-	-	-
OTHER-----	-	.4	-	2.5	-	1.2	.7	-	1.9	1.8
WITH NO SHIFT PAY DIFFERENTIAL-----	-	-	-	.1	-	-	(6)	.4	-	-
<b>AVERAGE PAY DIFFERENTIAL:</b>										
SECOND SHIFT:										
UNIFORM CENTS (PER HOUR)-----	14.9	18.2	14.9	20.6	20.7	15.0	17.5	15.3	21.9	20.5
UNIFORM PERCENTAGE-----	5.1	8.0	5.3	-	-	7.5	9.1	-	5.0	10.0
THIRD SHIFT:										
UNIFORM CENTS (PER HOUR)-----	21.2	18.9	17.6	36.3	73.2	22.4	24.9	24.4	20.4	24.2
UNIFORM PERCENTAGE-----	9.1	10.2	7.7	-	-	10.0	14.0	-	10.0	-

See footnotes at end of B-series tables.



**Table B-2. Scheduled weekly hours and days<sup>a</sup> of full-time first-shift workers, January through December 1977—all industries**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	NORTHEAST				SOUTH					
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARWICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
PERCENT OF PLANT WORKERS										
UNDER 35 HOURS-----	-	-	3	-	3	2	3	1	1	1
5 DAYS-----	-	-	3	-	3	2	1	1	(9)	1
6 DAYS-----	-	-	-	-	-	-	1	-	(9)	-
35 HOURS-----	16	(9)	7	4	17	2	1	2	2	1
5 DAYS-----	16	(9)	7	4	9	2	1	2	2	1
6 DAYS-----	-	-	-	-	8	-	-	-	-	-
OVER 35 AND UNDER 37 1/2 HOURS--5 DAYS--	3	1	1	-	-	-	1	1	-	-
37 1/2 HOURS--5 DAYS--	6	3	9	-	3	3	11	2	1	-
OVER 37 1/2 AND UNDER 40 HOURS--	-	2	-	-	-	-	(9)	(9)	1	3
4 DAYS-----	-	(9)	-	-	-	-	-	-	-	-
5 DAYS-----	-	1	-	-	-	-	(9)	(9)	1	3
40 HOURS-----	74	82	76	80	65	75	71	82	92	76
4 DAYS-----	-	2	3	-	-	-	1	(9)	-	-
5 DAYS-----	73	79	73	80	60	75	70	82	92	76
5 1/2 DAYS-----	-	1	-	-	-	-	-	-	-	-
6 DAYS-----	1	-	-	-	5	-	-	-	-	-
OVER 40 AND UNDER 45 HOURS--	1	(9)	3	4	2	-	1	2	-	9
5 DAYS-----	(9)	(9)	3	4	-	-	1	1	-	7
5 1/2 DAYS-----	-	-	-	-	-	-	-	(9)	-	1
6 DAYS-----	(9)	(9)	-	-	2	-	-	(9)	-	1
45 HOURS-----	(9)	4	-	7	2	6	5	4	1	6
5 DAYS-----	(9)	3	-	7	2	3	5	3	1	6
5 1/2 DAYS-----	-	1	-	-	-	3	-	1	-	-
OVER 45 AND UNDER 48 HOURS--	-	(9)	2	(9)	4	4	1	1	-	3
5 DAYS-----	-	(9)	2	-	-	4	-	(9)	-	2
5 1/2 DAYS-----	-	-	-	-	-	-	1	-	-	1
6 DAYS-----	-	-	-	(9)	4	-	-	(9)	-	-
48 HOURS--6 DAYS--	-	3	-	3	-	3	5	2	3	-
OVER 48 HOURS--	-	5	-	1	3	3	(9)	4	1	2
5 DAYS-----	-	2	-	(9)	1	-	(9)	2	-	1
5 1/2 DAYS-----	-	3	-	1	2	3	(9)	1	-	1
6 DAYS-----	-	(9)	-	-	-	-	-	1	(9)	-
7 DAYS-----	-	-	-	-	-	-	-	-	1	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	39.0	40.8	39.3	40.7	39.7	41.0	40.2	40.7	40.2	40.7
PERCENT OF OFFICE WORKERS										
UNDER 35 HOURS--5 DAYS-----	-	-	-	-	-	-	1	-	-	-
UNDER 35 HOURS--6 DAYS-----	-	-	-	-	-	-	-	-	1	-
35 HOURS--5 DAYS-----	7	11	7	1	3	-	1	-	1	-
OVER 35 AND UNDER 37 1/2 HOURS--5 DAYS--	9	4	3	-	1	-	8	-	-	-
37 1/2 HOURS--5 DAYS--	26	24	24	(9)	28	19	31	13	8	32
OVER 37 1/2 AND UNDER 40 HOURS--	(9)	6	(9)	-	2	-	2	5	4	11
4 DAYS-----	-	-	-	-	-	-	2	-	-	-
5 DAYS-----	(9)	6	(9)	-	2	-	-	5	4	11
40 HOURS-----	57	54	66	95	64	79	56	81	86	55
4 DAYS-----	-	-	-	-	-	-	-	(9)	-	-
4 1/2 DAYS-----	-	-	-	-	-	-	-	-	-	(9)
5 DAYS-----	56	53	66	95	64	79	56	81	86	55
5 1/2 DAYS-----	1	1	-	-	-	-	-	-	-	-
OVER 40 HOURS--	1	1	(9)	3	2	1	(9)	2	1	2
5 DAYS-----	(9)	(9)	-	2	1	1	(9)	(9)	1	2
5 1/2 DAYS-----	(9)	(9)	-	1	-	-	-	1	-	-
6 DAYS-----	(9)	1	-	-	1	-	-	(9)	-	(9)
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	38.7	38.7	39.0	40.1	39.2	39.5	38.8	39.7	39.7	39.1

See footnotes at end of B-series tables.

**Table B-2. Scheduled weekly hours and days<sup>a</sup> of full-time first-shift workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	SOUTH-CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
UNDER 35 HOURS-----	2	1	-	2	(9)	1	1	2	2	2
4 DAYS-----	(9)	-	-	-	-	(9)	-	-	-	1
5 DAYS-----	2	1	-	1	-	1	1	2	2	1
6 DAYS-----	-	-	-	(9)	(9)	-	(9)	-	-	-
35 HOURS--5 DAYS-----	1	3	2	3	7	2	2	2	2	1
OVER 35 AND UNDER 37 1/2 HOURS--5 DAYS-----	-	3	2	-	-	2	1	1	-	-
OVER 35 AND UNDER 37 1/2 HOURS--6 DAYS-----	-	-	-	-	-	-	-	1	-	(9)
37 1/2 HOURS--5 DAYS-----	10	(9)	3	18	3	6	7	3	5	5
37 1/2 HOURS--5 1/2 DAYS-----	-	-	-	1	-	-	-	-	-	-
OVER 37 1/2 AND UNDER 40 HOURS-----	(9)	-	1	(9)	2	-	1	(9)	1	(9)
4 1/2 DAYS-----	(9)	-	-	-	2	-	-	-	-	-
5 DAYS-----	(9)	-	1	(9)	-	-	1	(9)	1	(9)
40 HOURS--4 DAYS-----	2	1	1	1	1	-	(9)	-	(9)	-
40 HOURS--5 DAYS-----	76	69	81	68	73	84	86	83	79	88
OVER 40 AND UNDER 45 HOURS-----	3	8	6	2	7	1	(9)	3	2	1
5 DAYS-----	-	5	2	2	3	1	(9)	(9)	1	(9)
5 1/2 DAYS-----	-	1	-	-	2	-	-	1	1	-
6 DAYS-----	1	2	4	1	2	-	-	1	-	(9)
45 HOURS-----	1	6	3	2	5	(9)	1	4	3	2
5 DAYS-----	1	5	3	2	5	(9)	(9)	3	1	2
6 DAYS-----	-	1	-	-	(9)	-	(9)	-	1	-
OVER 45 AND UNDER 48 HOURS-----	1	(9)	1	(9)	-	-	-	1	(9)	(9)
5 DAYS-----	-	-	-	-	-	-	-	1	-	-
5 1/2 DAYS-----	(9)	-	-	-	-	-	-	-	-	(9)
6 DAYS-----	(9)	(9)	1	(9)	-	-	-	-	(9)	-
48 HOURS--5 DAYS-----	-	1	-	(9)	(9)	-	-	-	(9)	-
48 HOURS--6 DAYS-----	-	4	1	1	(9)	3	(9)	1	3	-
OVER 48 HOURS-----	1	2	1	1	1	2	1	1	2	1
5 DAYS-----	1	(9)	1	1	1	(9)	(9)	-	(9)	-
5 1/2 DAYS-----	-	1	-	-	-	-	1	-	(9)	-
6 DAYS-----	-	1	(9)	-	-	(9)	(9)	-	1	1
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	39.7	41.0	40.2	39.4	40.1	39.9	39.8	40.1	40.2	39.8
PERCENT OF OFFICE WORKERS										
UNDER 35 HOURS--4 AND UNDER 5 DAYS-----	-	-	-	-	-	-	(9)	-	-	-
UNDER 35 HOURS--5 DAYS-----	-	-	-	2	-	(9)	(9)	(9)	-	-
35 HOURS--5 DAYS-----	2	1	1	9	(9)	(9)	4	1	3	1
OVER 35 AND UNDER 37 1/2 HOURS-----	-	3	-	8	-	1	10	3	3	-
4 1/2 DAYS-----	-	-	-	-	-	-	(9)	-	-	-
5 DAYS-----	-	3	-	8	-	1	9	3	3	-
37 1/2 HOURS--5 DAYS-----	26	20	6	38	11	3	25	31	22	4
37 1/2 HOURS--5 1/2 DAYS-----	-	-	-	(9)	-	-	-	-	-	-
OVER 37 1/2 AND UNDER 40 HOURS-----	3	5	4	10	19	3	13	6	5	8
4 DAYS-----	-	-	-	-	18	-	-	-	(9)	-
4 1/2 DAYS-----	(9)	-	-	-	1	-	-	-	-	-
5 DAYS-----	(9)	5	4	10	-	3	13	6	4	8
5 1/2 DAYS-----	3	-	-	-	-	-	-	-	-	-
40 HOURS-----	66	67	90	33	69	92	47	59	67	87
4 DAYS-----	(9)	-	(9)	-	1	-	-	-	-	-
4 1/2 DAYS-----	(9)	(9)	(9)	-	-	-	-	-	-	-
5 DAYS-----	66	65	85	33	68	92	47	59	67	87
5 1/2 DAYS-----	-	2	4	-	-	-	-	-	-	-
OVER 40 HOURS--5 DAYS-----	(9)	4	(9)	(9)	1	1	(9)	1	1	-
OVER 40 HOURS--5 1/2 DAYS-----	(9)	-	(9)	-	1	-	-	-	-	(9)
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	39.3	39.4	39.8	38.1	39.4	39.8	38.6	39.1	39.2	39.7

See footnotes at end of B-series tables.

**Table B-2. Scheduled weekly hours and days<sup>a</sup> of full-time first-shift workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
PERCENT OF PLANT WORKERS										
UNDER 35 HOURS-----	3	2	-	-	-	(9)	1	2	5	2
4 DAYS-----	(9)	-	-	-	-	-	-	(9)	3	(9)
5 DAYS-----	2	2	-	-	-	1	1	1	1	1
6 DAYS-----	-	-	-	-	-	(9)	-	-	-	-
35 HOURS--5 DAYS-----	1	(9)	(9)	1	2	-	2	2	1	6
OVER 35 AND UNDER 37 1/2 HOURS-----	2	-	1	1	3	2	(9)	(9)	-	-
4 DAYS-----	-	-	-	-	-	(9)	-	-	-	-
5 DAYS-----	2	-	1	1	3	1	-	(9)	-	-
5 1/2 DAYS-----	-	-	-	-	-	-	(9)	-	-	-
37 1/2 HOURS-----	5	4	1	2	6	4	7	1	4	-
5 DAYS-----	4	4	1	2	6	4	7	1	4	-
6 DAYS-----	1	-	-	-	-	-	-	-	-	-
5 DAYS-----	1	(9)	-	-	-	1	-	-	1	(9)
40 HOURS-----	78	81	94	77	89	89	87	93	84	91
4 DAYS-----	-	-	-	-	1	2	87	93	84	91
5 DAYS-----	78	81	94	76	88	87	87	1	(9)	1
5 1/2 DAYS-----	-	-	-	1	(9)	-	87	89	83	90
OVER 40 AND UNDER 45 HOURS-----	1	2	-	15	-	2	2	2	(9)	1
5 DAYS-----	(9)	2	-	12	-	1	2	(9)	(9)	1
5 1/2 DAYS-----	-	(9)	-	3	-	-	-	-	-	-
6 DAYS-----	(9)	-	-	-	-	-	-	-	-	-
45 HOURS-----	3	2	-	1	-	1	-	-	-	-
5 DAYS-----	1	2	-	1	-	-	-	-	-	-
5 1/2 DAYS-----	2	-	-	-	-	1	-	-	-	-
OVER 45 AND UNDER 48 HOURS-----	-	5	-	1	-	(9)	(9)	-	-	-
5 DAYS-----	-	(9)	-	-	-	-	(9)	-	-	-
5 1/2 DAYS-----	-	-	-	1	-	-	-	-	-	-
6 DAYS-----	-	4	-	-	-	(9)	-	-	-	-
48 HOURS--6 DAYS-----	2	3	4	(9)	-	(9)	(9)	(9)	5	-
OVER 48 HOURS-----	4	-	-	1	-	1	-	-	-	-
5 DAYS-----	1	-	-	-	-	-	-	-	-	-
5 1/2 DAYS-----	2	-	-	1	-	-	-	-	-	-
6 DAYS-----	1	-	-	-	-	1	-	-	-	-
6 1/2 DAYS-----	1	-	-	-	-	-	-	-	-	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	40.4	40.1	40.2	40.4	39.6	40.0	39.6	39.6	39.8	39.4
PERCENT OF OFFICE WORKERS										
UNDER 35 HOURS-----	-	(9)	-	-	-	(9)	(9)	-	-	-
4 DAYS-----	-	(9)	-	-	-	-	(9)	-	-	-
6 DAYS-----	-	-	-	-	-	(9)	-	-	-	-
35 HOURS--5 DAYS-----	(9)	1	(9)	-	2	-	-	-	4	(9)
OVER 35 AND UNDER 37 1/2 HOURS-----	(9)	(9)	-	-	2	2	3	-	-	2
4 DAYS-----	-	-	-	-	-	1	-	-	-	-
4 1/2 DAYS-----	-	-	-	-	-	-	2	-	-	-
5 DAYS-----	(9)	(9)	-	-	2	1	1	-	-	2
37 1/2 HOURS--5 DAYS-----	13	9	4	1	(9)	14	21	10	6	10
OVER 37 1/2 AND UNDER 40 HOURS--5 DAYS-----	1	22	4	5	-	6	9	(9)	(9)	7
40 HOURS-----	85	67	92	89	96	78	66	90	89	82
4 DAYS-----	-	-	-	-	-	(9)	1	-	-	-
4 1/2 DAYS-----	-	-	-	5	-	-	-	-	-	-
5 DAYS-----	85	67	92	84	96	78	65	90	89	82
OVER 40 HOURS-----	1	1	(9)	5	-	1	-	-	(9)	-
5 DAYS-----	-	1	-	4	-	(9)	-	-	(9)	-
5 1/2 DAYS-----	1	(9)	(9)	1	-	(9)	-	-	-	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	39.7	39.5	39.8	40.0	39.8	39.5	39.2	39.7	39.6	39.6

See footnotes at end of B-series tables.

**Table B-3. Scheduled weekly hours and days<sup>8</sup> of full-time first-shift workers, January through December 1977—manufacturing**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARRICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
<b>PERCENT OF PLANT WORKERS</b>										
35 HOURS--5 DAYS-----	20	-	5	-	-	-	-	-	-	-
OVER 35 AND UNDER 37 1/2 HOURS--5 DAYS-	2	-	-	-	-	-	1	-	-	-
37 1/2 HOURS--5 DAYS-----	7	2	12	-	10	8	14	3	-	-
OVER 37 1/2 AND UNDER 40 HOURS-----	-	2	-	-	-	-	-	-	-	-
4 DAYS-----	-	1	-	-	-	-	-	-	-	-
5 DAYS-----	-	2	-	-	-	-	-	-	-	-
40 HOURS-----	71	83	77	94	81	92	72	86	96	82
4 DAYS-----	-	2	3	-	-	-	1	1	-	-
5 DAYS-----	71	80	74	94	81	92	71	85	96	82
5 1/2 DAYS-----	-	1	-	-	-	-	-	-	-	-
OVER 40 AND UNDER 45 HOURS--5 DAYS-----	-	-	4	2	-	-	-	1	-	11
45 HOURS-----	-	5	-	3	-	-	5	4	-	5
5 DAYS-----	-	4	-	3	-	-	5	4	-	5
5 1/2 DAYS-----	-	1	-	-	-	-	-	-	-	-
OVER 45 AND UNDER 48 HOURS--5 DAYS-----	-	-	3	-	-	-	-	1	-	2
48 HOURS--6 DAYS-----	-	2	-	-	-	-	7	(9)	4	-
OVER 48 HOURS-----	-	5	-	1	9	-	(9)	5	-	-
5 DAYS-----	-	2	-	1	-	-	-	2	-	-
5 1/2 DAYS-----	-	4	-	-	9	-	(9)	1	-	-
6 DAYS-----	-	-	-	-	-	-	-	2	-	-
<b>AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----</b>	<b>38.8</b>	<b>40.9</b>	<b>39.7</b>	<b>40.3</b>	<b>41.1</b>	<b>39.8</b>	<b>40.5</b>	<b>40.9</b>	<b>40.3</b>	<b>40.7</b>
<b>PERCENT OF OFFICE WORKERS</b>										
35 HOURS--5 DAYS-----	3	2	(9)	-	-	-	-	-	-	-
OVER 35 AND UNDER 37 1/2 HOURS--5 DAYS-	2	2	-	-	-	-	-	-	-	-
37 1/2 HOURS--5 DAYS-----	14	18	2	-	22	17	39	(9)	-	2
OVER 37 1/2 AND UNDER 40 HOURS--5 DAYS-	(9)	4	(9)	-	-	-	-	-	-	2
40 HOURS-----	81	71	97	100	73	83	61	100	100	87
4 1/2 DAYS-----	-	-	-	-	-	-	-	-	-	1
5 DAYS-----	81	69	97	100	73	83	61	100	100	86
5 1/2 DAYS-----	-	2	-	-	-	-	-	-	-	-
OVER 40 HOURS-----	-	3	(9)	-	6	-	-	-	-	8
5 DAYS-----	-	1	-	-	6	-	-	-	-	6
6 DAYS-----	-	2	-	-	-	-	-	-	-	2
<b>AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----</b>	<b>39.4</b>	<b>39.5</b>	<b>39.9</b>	<b>40.0</b>	<b>39.7</b>	<b>39.6</b>	<b>39.0</b>	<b>40.0</b>	<b>40.0</b>	<b>40.3</b>

See footnotes at end of B-series tables.

**Table B-3. Scheduled weekly hours and days<sup>a</sup> of full-time first-shift workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
UNDER 35 HOURS-----	-	-	-	-	-	-	(9)	-	-	2
4 DAYS-----	-	-	-	-	-	-	-	-	-	2
5 DAYS-----	-	-	-	-	-	-	(9)	-	-	-
35 HOURS--5 DAYS-----	-	-	-	-	3	2	3	2	1	-
4 DAYS-----	-	-	-	-	-	-	-	-	1	-
5 DAYS-----	-	-	-	-	3	2	-	-	1	-
OVER 35 AND UNDER 37 1/2 HOURS--5 DAYS-----	-	-	-	-	-	-	3	2	1	-
37 1/2 HOURS--5 DAYS-----	13	1	5	30	2	3	1	1	-	3
OVER 37 1/2 AND UNDER 40 HOURS-----	-	-	-	-	6	-	6	1	2	1
4 1/2 DAYS-----	-	-	-	-	6	-	-	-	1	1
5 DAYS-----	-	-	-	-	-	-	1	-	1	1
40 HOURS-----	78	70	90	67	77	93	86	89	83	91
4 DAYS-----	3	2	1	1	3	-	-	-	-	-
5 DAYS-----	75	69	89	66	75	93	86	89	83	91
OVER 40 AND UNDER 45 HOURS-----	4	15	2	1	3	-	(9)	3	2	-
4 DAYS-----	2	-	-	-	-	-	-	-	-	-
5 DAYS-----	-	15	2	1	3	-	-	-	-	-
5 1/2 DAYS-----	-	-	-	-	-	-	(9)	1	1	-
6 DAYS-----	-	-	-	-	-	-	-	-	1	-
45 HOURS-----	1	10	1	1	9	-	1	2	5	2
5 DAYS-----	1	10	1	1	9	-	1	2	2	2
5 1/2 DAYS-----	-	-	-	-	-	-	-	1	1	-
6 DAYS-----	-	-	-	-	-	-	-	-	2	-
OVER 45 AND UNDER 48 HOURS-----	-	-	-	-	-	-	-	-	(9)	(9)
5 1/2 DAYS-----	-	-	-	-	-	-	-	-	-	(9)
6 DAYS-----	-	-	-	-	-	-	-	-	(9)	-
48 HOURS-----	-	3	-	1	-	2	1	-	3	-
5 1/2 DAYS-----	-	(9)	-	-	-	-	-	-	-	-
6 DAYS-----	-	2	-	1	-	2	1	-	3	-
OVER 48 HOURS-----	-	1	1	-	-	-	1	2	2	2
5 DAYS-----	-	1	1	-	-	-	-	-	-	-
5 1/2 DAYS-----	-	-	-	-	-	-	1	2	(9)	-
6 DAYS-----	-	-	-	-	-	-	-	-	2	2
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	39.8	41.4	40.2	39.4	40.3	40.0	39.8	40.3	40.7	40.0
PERCENT OF OFFICE WORKERS										
UNDER 35 HOURS-----	-	-	-	(9)	-	-	(9)	-	-	-
4 DAYS-----	-	-	-	(9)	-	-	(9)	-	-	-
5 DAYS-----	-	-	-	(9)	-	-	-	-	-	-
35 HOURS--5 DAYS-----	-	-	-	3	-	1	2	-	1	-
OVER 35 AND UNDER 37 1/2 HOURS--5 DAYS-----	-	-	-	1	-	-	5	-	(9)	-
37 1/2 HOURS--5 DAYS-----	9	12	8	33	-	2	25	19	12	2
OVER 37 1/2 AND UNDER 40 HOURS-----	-	(9)	-	29	5	-	14	5	3	-
4 1/2 DAYS-----	-	-	-	-	5	-	-	-	-	-
5 DAYS-----	-	(9)	-	29	-	-	14	5	3	-
40 HOURS-----	85	63	90	34	95	97	54	76	84	84
4 DAYS-----	1	-	1	-	-	-	-	-	-	-
4 1/2 DAYS-----	1	2	1	-	-	-	-	-	-	-
5 DAYS-----	83	61	88	34	95	97	54	76	84	84
5 1/2 DAYS-----	-	(9)	-	-	-	-	-	-	-	-
OVER 40 HOURS-----	-	25	1	-	-	-	(9)	-	-	(9)
5 DAYS-----	-	25	-	-	-	-	(9)	-	-	(9)
5 1/2 DAYS-----	-	-	1	-	-	-	-	-	-	(9)
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	39.8	40.7	39.9	38.6	39.9	39.9	38.9	39.5	39.6	40.0

See footnotes at end of B-series tables.

**Table B-3. Scheduled weekly hours and days<sup>8</sup> of full-time first-shift workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	NORTH CENTRAL—CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER—ROULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE—EVERETT
<b>PERCENT OF PLANT WORKERS</b>										
UNDER 35 HOURS--4 DAYS-----	-	-	-	-	-	-	-	-	5	-
35 HOURS--5 DAYS-----	-	-	-	2	-	-	2	4	4	9
OVER 35 AND UNDER 37 1/2 HOURS-----	2	-	-	-	-	2	-	(9)	-	-
4 DAYS-----	-	-	-	-	-	1	-	-	-	-
5 DAYS-----	2	-	-	-	-	1	-	(9)	-	-
37 1/2 HOURS--5 DAYS-----	5	1	-	1	15	6	9	4	-	-
OVER 37 1/2 AND UNDER 40 HOURS--5 DAYS-----	-	-	-	-	-	1	-	-	-	-
40 HOURS-----	81	93	96	76	85	90	85	87	87	89
4 DAYS-----	-	-	-	-	3	1	-	3	-	2
5 DAYS-----	81	93	96	76	82	89	85	75	87	87
5 1/2 DAYS-----	-	-	-	-	-	-	-	9	-	-
OVER 40 AND UNDER 45 HOURS-----	-	-	-	20	-	1	4	6	-	1
5 DAYS-----	-	-	-	16	-	-	4	1	-	1
5 1/2 DAYS-----	-	-	-	4	-	-	-	-	-	-
6 DAYS-----	-	-	-	-	-	-	-	4	-	-
45 HOURS-----	4	6	-	2	-	-	-	-	-	-
5 DAYS-----	2	6	-	2	-	-	-	-	-	-
5 1/2 DAYS-----	2	-	-	-	-	-	-	-	-	-
OVER 45 AND UNDER 48 HOURS--5 DAYS-----	-	-	-	-	-	-	(9)	-	-	-
48 HOURS--6 DAYS-----	2	-	4	-	-	-	(9)	-	4	-
OVER 48 HOURS-----	6	-	-	-	-	-	-	-	-	-
5 DAYS-----	2	-	-	-	-	-	-	-	-	-
5 1/2 DAYS-----	2	-	-	-	-	-	-	-	-	-
6 DAYS-----	1	-	-	-	-	-	-	-	-	-
6 1/2 DAYS-----	1	-	-	-	-	-	-	-	-	-
<b>AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----</b>	<b>40.9</b>	<b>40.2</b>	<b>40.4</b>	<b>40.3</b>	<b>39.6</b>	<b>39.8</b>	<b>39.7</b>	<b>39.9</b>	<b>39.8</b>	<b>39.6</b>
<b>PERCENT OF OFFICE WORKERS</b>										
OVER 35 AND UNDER 37 1/2 HOURS-----	-	3	-	-	-	(9)	-	-	-	-
4 DAYS-----	-	-	-	-	-	(9)	-	-	-	-
5 DAYS-----	-	3	-	-	-	-	-	-	-	-
37 1/2 HOURS--5 DAYS-----	10	2	-	1	-	6	3	15	4	(9)
OVER 37 1/2 AND UNDER 40 HOURS--5 DAYS-----	-	1	6	-	-	2	5	2	-	-
40 HOURS-----	89	93	94	96	100	92	92	83	96	100
4 DAYS-----	-	-	-	-	-	1	-	-	-	-
5 DAYS-----	89	93	94	96	100	91	92	83	96	100
OVER 40 HOURS-----	1	2	-	2	-	-	-	-	-	-
5 DAYS-----	-	2	-	1	-	-	-	-	-	-
5 1/2 DAYS-----	1	-	-	1	-	-	-	-	-	-
<b>AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----</b>	<b>39.8</b>	<b>39.9</b>	<b>39.9</b>	<b>40.0</b>	<b>40.0</b>	<b>39.8</b>	<b>39.9</b>	<b>39.6</b>	<b>39.9</b>	<b>40.0</b>

See footnotes at end of B-series tables.

**Table B-4. Scheduled weekly hours and days<sup>a</sup> of full-time first-shift workers, January through December 1977—nonmanufacturing**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	NORTHEAST				SOUTH					
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARWICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
<b>PERCENT OF PLANT WORKERS</b>										
UNDER 35 HOURS-----	-	-	12	-	4	4	11	1	3	2
5 DAYS-----	-	-	12	-	4	4	5	1	1	2
6 DAYS-----	-	-	-	-	-	-	6	-	2	-
35 HOURS-----	3	(9)	15	7	23	3	4	3	7	1
5 DAYS-----	3	(9)	15	7	12	3	4	3	7	1
6 DAYS-----	-	-	-	-	11	-	-	-	-	-
OVER 35 AND UNDER 37 1/2 HOURS-----	7	4	3	-	-	-	3	1	-	-
4 1/2 DAYS-----	-	-	-	-	-	-	(9)	-	-	-
5 DAYS-----	7	4	3	-	-	-	2	1	-	-
37 1/2 HOURS--5 DAYS-----	5	5	-	-	-	-	-	2	2	-
OVER 37 1/2 AND UNDER 40 HOURS--5 DAYS-----	-	-	-	-	-	-	(9)	1	3	5
40 HOURS-----	82	76	70	69	60	64	66	79	78	71
4 DAYS-----	-	-	1	-	-	-	-	-	-	-
5 DAYS-----	78	76	69	69	53	64	66	79	78	71
6 DAYS-----	3	-	-	-	7	-	-	-	-	-
OVER 40 AND UNDER 45 HOURS-----	2	2	-	5	3	-	5	3	-	8
5 DAYS-----	(9)	1	-	5	-	-	5	1	-	4
5 1/2 DAYS-----	-	-	-	-	-	-	-	1	-	2
6 DAYS-----	2	1	-	-	3	-	-	1	-	2
45 HOURS-----	2	-	-	10	3	11	3	4	3	6
4 1/2 DAYS-----	-	-	-	-	-	-	-	(9)	-	-
5 DAYS-----	2	-	-	10	3	5	3	3	3	6
5 1/2 DAYS-----	-	-	-	-	-	6	-	1	-	-
6 DAYS-----	-	-	-	-	-	-	(9)	1	-	-
OVER 45 AND UNDER 48 HOURS-----	-	1	-	1	6	7	5	1	-	4
5 DAYS-----	-	1	-	-	-	7	-	-	-	1
5 1/2 DAYS-----	-	-	-	-	-	-	-	-	-	2
6 DAYS-----	-	-	-	1	6	-	-	1	-	-
48 HOURS--5 DAYS-----	-	-	-	-	-	-	-	(9)	-	-
48 HOURS--6 DAYS-----	-	9	-	6	-	4	-	2	-	-
OVER 48 HOURS-----	-	3	-	2	1	6	1	3	3	3
5 DAYS-----	-	2	-	-	1	-	1	2	-	1
5 1/2 DAYS-----	-	-	-	2	-	6	-	(9)	-	2
6 DAYS-----	-	1	-	-	-	-	-	(9)	1	-
7 DAYS-----	-	-	-	-	-	-	-	-	2	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	39.6	40.7	37.9	41.0	39.2	41.9	39.3	40.6	40.0	40.6
<b>PERCENT OF OFFICE WORKERS</b>										
UNDER 35 HOURS--5 DAYS-----	-	-	-	-	-	-	1	-	-	-
UNDER 35 HOURS--6 DAYS-----	-	-	-	-	-	-	-	-	1	-
35 HOURS--5 DAYS-----	10	18	12	2	4	-	2	-	1	-
OVER 35 AND UNDER 37 1/2 HOURS--5 DAYS-----	14	5	4	-	1	-	17	-	-	-
37 1/2 HOURS--5 DAYS-----	34	29	81	(9)	30	19	23	15	12	37
OVER 37 1/2 AND UNDER 40 HOURS--4 DAYS-----	-	-	-	-	-	-	5	-	-	-
OVER 37 1/2 AND UNDER 40 HOURS--5 DAYS-----	1	7	-	-	2	-	-	7	5	12
40 HOURS-----	40	42	42	94	62	78	52	76	79	50
4 DAYS-----	-	-	-	-	-	-	-	(9)	-	-
5 DAYS-----	39	42	42	94	62	78	52	76	79	50
5 1/2 DAYS-----	1	-	-	-	-	-	-	-	-	-
OVER 40 HOURS-----	1	(9)	-	4	2	2	(9)	2	1	1
5 DAYS-----	(9)	-	-	2	-	2	(9)	(9)	1	1
5 1/2 DAYS-----	(9)	(9)	-	2	-	-	-	2	-	-
6 DAYS-----	(9)	-	-	-	2	-	-	(9)	-	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	38.3	38.1	38.2	40.1	39.1	39.5	38.6	39.6	39.6	39.0

See footnotes at end of B-series tables.

**Table B-4. Scheduled weekly hours and days<sup>a</sup> of full-time first-shift workers, January through December 1977—nonmanufacturing—Continued**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
<b>PERCENT OF PLANT WORKERS</b>										
UNDER 35 HOURS-----	5	2	-	3	(9)	7	2	4	6	4
4 DAYS-----	(9)	-	-	-	-	2	-	-	-	-
5 DAYS-----	5	2	-	2	-	4	2	4	5	4
6 DAYS-----	-	-	-	(9)	(9)	-	(9)	-	-	-
35 HOURS--5 DAYS-----	2	5	3	6	9	3	1	1	4	4
OVER 35 AND UNDER 37 1/2 HOURS--5 DAYS-----	-	4	3	-	-	8	(9)	1	-	-
OVER 35 AND UNDER 37 1/2 HOURS--6 DAYS-----	-	-	-	-	-	-	-	2	-	1
37 1/2 HOURS--5 DAYS-----	6	(9)	3	5	4	16	9	6	11	11
37 1/2 HOURS--5 1/2 DAYS-----	-	-	-	2	-	-	-	-	-	-
OVER 37 1/2 AND UNDER 40 HOURS--5 DAYS-----	(9)	-	1	1	-	-	1	(9)	(9)	-
40 HOURS-----	77	70	77	71	72	55	86	74	71	76
4 DAYS-----	-	-	-	(9)	-	-	(9)	-	(9)	-
5 DAYS-----	77	70	77	70	72	54	86	74	71	76
6 DAYS-----	-	-	-	-	(9)	1	-	-	-	-
OVER 40 AND UNDER 45 HOURS-----	3	4	8	5	9	2	-	2	3	4
5 DAYS-----	-	(9)	2	3	3	2	-	(9)	3	2
5 1/2 DAYS-----	-	1	-	-	4	-	-	2	-	-
6 DAYS-----	3	3	6	2	3	-	-	-	-	2
45 HOURS--5 DAYS-----	2	4	3	3	2	2	-	6	-	-
45 HOURS--6 DAYS-----	-	1	-	-	1	-	(9)	-	-	-
OVER 45 AND UNDER 48 HOURS-----	2	1	1	(9)	-	-	-	2	1	-
5 DAYS-----	-	-	-	-	-	-	-	2	-	-
5 1/2 DAYS-----	1	-	-	-	-	-	-	-	-	-
6 DAYS-----	1	1	1	(9)	-	-	-	-	1	-
48 HOURS-----	-	7	1	2	1	6	-	1	3	-
5 DAYS-----	-	2	-	1	(9)	-	-	-	1	-
6 DAYS-----	-	5	1	1	1	6	-	1	3	-
OVER 48 HOURS-----	3	3	(9)	2	2	2	1	-	1	-
5 DAYS-----	3	-	-	2	2	1	1	-	1	-
5 1/2 DAYS-----	-	1	-	-	-	-	-	-	-	-
6 DAYS-----	-	1	(9)	-	-	(9)	(9)	-	-	-
7 DAYS-----	-	1	-	-	-	-	-	-	-	-
<b>AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----</b>	<b>39.6</b>	<b>40.8</b>	<b>40.2</b>	<b>39.5</b>	<b>40.1</b>	<b>39.3</b>	<b>39.6</b>	<b>39.9</b>	<b>39.4</b>	<b>39.2</b>
<b>PERCENT OF OFFICE WORKERS</b>										
UNDER 35 HOURS--4 1/2 DAYS-----	-	-	-	-	-	-	1	-	-	-
UNDER 35 HOURS--5 DAYS-----	-	-	-	2	-	1	1	(9)	-	-
35 HOURS--5 DAYS-----	3	1	1	10	(9)	-	6	1	4	1
OVER 35 AND UNDER 37 1/2 HOURS-----	-	3	-	10	-	3	12	5	5	-
4 1/2 DAYS-----	-	-	-	-	-	-	1	-	-	-
5 DAYS-----	-	3	-	10	-	3	12	5	5	-
37 1/2 HOURS--5 DAYS-----	36	22	5	40	13	3	25	39	29	7
OVER 37 1/2 AND UNDER 40 HOURS-----	5	5	4	5	21	5	12	8	6	17
4 DAYS-----	-	-	-	-	21	-	-	-	1	-
5 DAYS-----	(9)	5	4	5	-	5	12	8	5	17
5 1/2 DAYS-----	5	-	-	-	-	-	-	-	-	-
40 HOURS-----	56	67	89	33	63	87	44	46	55	74
4 DAYS-----	-	-	-	-	1	-	-	-	-	-
5 DAYS-----	56	65	85	33	62	87	44	46	55	74
5 1/2 DAYS-----	-	2	5	-	-	-	-	-	-	-
OVER 40 HOURS-----	1	1	(9)	(9)	1	1	-	1	1	(9)
5 DAYS-----	1	1	(9)	(9)	1	1	-	1	1	-
5 1/2 DAYS-----	(9)	-	(9)	-	1	-	-	-	-	-
6 DAYS-----	-	-	-	-	(9)	(9)	-	-	-	(9)
<b>AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----</b>	<b>39.0</b>	<b>39.2</b>	<b>39.8</b>	<b>37.9</b>	<b>39.3</b>	<b>39.8</b>	<b>38.4</b>	<b>38.7</b>	<b>38.9</b>	<b>39.4</b>

See footnotes at end of B-series tables.



**Table B-4. Scheduled weekly hours and days<sup>a</sup> of full-time first-shift workers, January through December 1977—nonmanufacturing—Continued**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
<b>PERCENT OF PLANT WORKERS</b>										
UNDER 35 HOURS-----	10	4	-	-	-	(9)	3	3	5	4
4 DAYS-----	1	-	-	-	-	-	-	1	2	1
5 DAYS-----	8	4	-	-	-	-	3	2	2	2
6 DAYS-----	-	-	-	-	-	(9)	-	-	-	-
35 HOURS--5 DAYS-----	4	1	1	-	4	-	2	2	-	2
OVER 35 AND UNDER 37 1/2 HOURS-----	1	-	3	3	4	1	1	-	-	-
4 DAYS-----	1	-	3	3	4	1	-	-	-	-
5 1/2 DAYS-----	-	-	-	-	-	-	1	-	-	-
37 1/2 HOURS-----	6	6	5	5	-	2	6	-	6	-
4 DAYS-----	3	6	5	5	-	2	6	-	6	-
5 1/2 DAYS-----	3	-	-	-	-	-	-	-	-	-
OVER 37 1/2 AND UNDER 40 HOURS--5 DAYS-----	2	1	-	-	-	1	-	-	1	(9)
40 HOURS-----	71	72	91	80	92	88	88	95	82	93
4 DAYS-----	-	-	-	-	-	3	-	1	1	-
4 1/2 DAYS-----	-	-	-	(9)	-	-	-	-	-	-
5 DAYS-----	71	72	91	78	92	86	88	94	81	93
5 1/2 DAYS-----	-	-	-	2	(9)	-	-	-	-	-
OVER 40 AND UNDER 45 HOURS-----	3	4	-	6	-	2	-	-	1	1
4 DAYS-----	2	3	-	6	-	2	-	-	1	1
5 1/2 DAYS-----	-	1	-	-	-	-	-	-	-	-
6 DAYS-----	1	-	-	-	-	-	-	-	-	-
45 HOURS--5 DAYS-----	(9)	-	-	-	-	-	-	-	-	-
45 HOURS--5 1/2 DAYS-----	-	-	-	-	-	1	-	-	-	-
OVER 45 AND UNDER 48 HOURS-----	-	8	-	3	-	(9)	-	-	-	-
4 DAYS-----	-	1	-	-	-	-	-	-	-	-
5 1/2 DAYS-----	-	-	-	3	-	-	-	-	-	-
6 DAYS-----	-	7	-	-	-	(9)	-	-	-	-
48 HOURS-----	3	5	1	1	-	1	-	(9)	6	-
4 DAYS-----	1	(9)	-	-	-	-	-	-	-	-
5 1/2 DAYS-----	2	5	1	1	-	1	-	(9)	6	-
6 DAYS-----	-	-	-	3	-	-	-	-	-	-
OVER 48 HOURS--5 1/2 DAYS-----	-	-	-	-	-	1	-	-	-	-
OVER 48 HOURS--6 DAYS-----	-	-	-	-	-	-	-	-	-	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	39.0	40.0	39.8	40.5	39.7	40.1	39.4	39.5	39.9	39.2
<b>PERCENT OF OFFICE WORKERS</b>										
UNDER 35 HOURS-----	-	(9)	-	-	-	(9)	(9)	-	-	-
4 DAYS-----	-	(9)	-	-	-	-	(9)	-	-	-
5 DAYS-----	-	-	-	-	-	-	(9)	-	-	-
6 DAYS-----	-	-	-	-	-	(9)	-	-	-	-
35 HOURS--5 DAYS-----	(9)	1	(9)	-	2	-	-	-	6	(9)
OVER 35 AND UNDER 37 1/2 HOURS-----	1	-	-	-	2	2	4	-	-	2
4 DAYS-----	-	-	-	-	-	1	-	-	-	-
4 1/2 DAYS-----	-	-	-	-	-	-	2	-	-	-
5 DAYS-----	1	-	-	-	2	1	2	-	-	2
37 1/2 HOURS--5 DAYS-----	16	10	9	1	(9)	16	28	9	7	14
OVER 37 1/2 AND UNDER 40 HOURS--5 DAYS-----	3	24	1	11	-	7	11	-	(9)	10
40 HOURS-----	80	64	89	81	95	74	57	91	86	73
4 DAYS-----	-	-	-	-	-	-	1	-	-	-
4 1/2 DAYS-----	-	-	-	10	-	-	-	-	-	-
5 DAYS-----	80	64	89	71	95	74	56	91	86	73
OVER 40 HOURS-----	-	1	1	7	-	1	-	-	1	-
4 DAYS-----	-	1	-	7	-	(9)	-	-	1	-
5 1/2 DAYS-----	-	(9)	(9)	(9)	-	1	-	-	-	-
6 DAYS-----	-	(9)	1	-	-	-	-	-	-	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	39.5	39.5	39.8	40.0	39.8	39.5	39.0	39.8	39.5	39.4

See footnotes at end of B-series tables.

**Table B-5. Scheduled weekly hours and days<sup>a</sup> of full-time first-shift workers, January through December 1977—public utilities**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARWICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINES-VILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
<b>PERCENT OF PLANT WORKERS</b>										
40 HOURS-----	100	89	100	93	92	96	86	89	100	97
4 DAYS-----	-	-	4	-	-	-	-	-	-	-
5 DAYS-----	100	89	96	93	92	96	86	89	100	97
OVER 40 AND UNDER 45 HOURS-----	-	-	-	7	-	-	-	(9)	-	3
5 DAYS-----	-	-	-	7	-	-	-	-	-	3
5 1/2 DAYS-----	-	-	-	-	-	-	-	(9)	-	-
45 HOURS-----	-	-	-	-	-	4	9	2	-	-
5 DAYS-----	-	-	-	-	-	4	8	2	-	-
6 DAYS-----	-	-	-	-	-	-	1	-	-	-
48 HOURS--6 DAYS-----	-	-	-	-	-	-	-	3	-	-
OVER 48 HOURS-----	-	11	-	-	8	-	5	5	-	-
5 DAYS-----	-	11	-	-	8	-	5	4	-	-
5 1/2 DAYS-----	-	-	-	-	-	-	-	(9)	-	-
6 DAYS-----	-	-	-	-	-	-	-	(9)	-	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	40.0	41.1	40.0	40.2	40.8	40.2	40.9	40.9	40.0	40.1
<b>PERCENT OF OFFICE WORKERS</b>										
35 HOURS--5 DAYS-----	-	-	6	-	-	-	-	-	-	-
OVER 35 AND UNDER 37 1/2 HOURS--5 DAYS-----	-	4	-	-	-	-	-	-	-	-
37 1/2 HOURS--5 DAYS-----	20	78	88	-	67	85	12	-	91	58
OVER 37 1/2 AND UNDER 40 HOURS-----	3	-	-	-	-	-	23	-	-	-
4 DAYS-----	-	-	-	-	-	-	23	-	-	-
5 DAYS-----	3	-	-	-	-	-	-	-	-	-
40 HOURS--5 DAYS-----	77	18	6	100	33	15	65	100	9	42
OVER 40 HOURS--5 DAYS-----	-	-	-	-	-	-	-	(9)	-	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	39.5	37.9	37.5	40.0	38.3	37.9	39.2	40.0	37.7	38.6

See footnotes at end of B-series tables.

**Table B-5. Scheduled weekly hours and days<sup>a</sup> of full-time first-shift workers, January through December 1977—public utilities—Continued**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
37 1/2 HOURS--5 DAYS-----	-	(9)	-	-	-	-	(9)	-	3	-
40 HOURS-----	95	94	97	86	87	78	100	84	89	100
5 DAYS-----	95	94	97	86	87	78	100	84	89	100
5 1/2 DAYS-----	-	(9)	-	-	-	-	-	-	-	-
OVER 40 AND UNDER 45 HOURS-----	-	-	-	-	12	-	-	-	8	-
5 DAYS-----	-	-	-	-	8	-	-	-	8	-
5 1/2 DAYS-----	-	-	-	-	4	-	-	-	-	-
45 HOURS--5 DAYS-----	5	6	3	11	1	-	-	16	-	-
48 HOURS-----	-	-	-	3	-	17	-	-	-	-
5 DAYS-----	-	-	-	3	-	-	-	-	-	-
6 DAYS-----	-	-	-	-	-	17	-	-	-	-
OVER 48 HOURS--5 DAYS-----	-	-	-	-	-	5	-	-	1	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	40.2	40.3	40.2	40.8	40.4	41.9	40.0	40.8	40.2	40.0
PERCENT OF OFFICE WORKERS										
35 HOURS--5 DAYS-----	-	4	-	-	-	-	1	4	(9)	-
37 1/2 HOURS--5 DAYS-----	39	46	-	43	5	3	9	(9)	8	2
OVER 37 1/2 AND UNDER 40 HOURS--5 DAYS-----	-	-	-	-	-	-	(9)	-	-	-
40 HOURS-----	61	50	100	57	94	97	90	96	92	98
5 DAYS-----	61	42	100	57	94	97	90	96	92	98
5 1/2 DAYS-----	-	8	-	-	-	-	-	-	-	-
OVER 40 HOURS-----	-	(9)	(9)	-	1	-	-	-	-	-
5 DAYS-----	-	(9)	(9)	-	-	-	-	-	-	-
5 1/2 DAYS-----	-	-	-	-	(9)	-	-	-	-	-
6 DAYS-----	-	-	-	-	(9)	-	-	-	-	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----	39.0	38.7	40.0	38.9	39.9	39.9	39.7	39.8	39.8	40.0

See footnotes at end of B-series tables.

**Table B-5. Scheduled weekly hours and days<sup>a</sup> of full-time first-shift workers, January through December 1977—public utilities—Continued**

(All full-time workers=100 percent)

WEEKLY HOURS AND DAYS	NORTH CENTRAL-CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
PERCENT OF PLANT WORKERS										
40 HOURS-----	98	100	100	100	100	100	100	100	100	100
4 DAYS-----	-	-	-	-	-	-	-	-	4	-
5 DAYS-----	98	100	100	100	100	100	100	100	96	100
45 HOURS--5 DAYS-----	2	-	-	-	-	-	-	-	-	-
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----										
	40.1	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
PERCENT OF OFFICE WORKERS										
35 HOURS--5 DAYS-----	-	-	-	-	-	-	-	-	-	1
37 1/2 HOURS--5 DAYS-----	12	-	-	-	-	-	-	-	-	2
40 HOURS--5 DAYS-----	88	100	100	100	100	100	100	100	100	98
AVERAGE SCHEDULED WEEKLY HOURS FOR ALL WEEKLY WORK SCHEDULES-----										
	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.9

See footnotes at end of B-series tables.

**Table B-6. Annual paid holidays for full-time workers, January through December 1977—all industries**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARWICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	96	98	97	89	72	84	85	96	97	93
LESS THAN 5 HOLIDAYS-----	-	2	(9)	8	11	2	15	7	5	6
5 HOLIDAYS-----	1	1	-	7	13	15	11	9	2	26
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	(9)	-	1
6 HOLIDAYS-----	9	2	3	21	11	17	22	9	15	16
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	(9)	7	-	-	-	1	-	-	(9)
7 HOLIDAYS-----	7	2	5	12	14	3	6	14	18	4
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	1	-	2	-	-	-	1	-	(9)
8 HOLIDAYS-----	6	7	14	4	(9)	4	2	11	7	4
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	1	1	-	3	2	-	1	4	-
9 HOLIDAYS-----	23	27	13	11	11	11	6	14	31	9
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	5	5	7	-	-	-	-	-	-	-
10 HOLIDAYS-----	21	24	25	24	8	30	15	28	9	19
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	2	-	-	-	(9)	-	-	-	-
11 HOLIDAYS-----	15	12	15	(9)	-	-	3	1	1	2
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	2	6	2	-	-	-	-	-	-	-
12 HOLIDAYS-----	3	4	3	-	-	-	2	(9)	-	-
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	2	-	-	-	-	-	-	-
13 HOLIDAYS-----	1	-	-	-	-	-	3	(9)	-	6
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	1	2	1	-	-	-	-	-	4	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	4	2	3	11	28	16	15	4	3	7
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	9.3	9.5	9.4	7.3	6.4	7.8	7.0	7.7	8.0	7.2
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	98	100	100	100	98	100	99	100	100	100
LESS THAN 5 HOLIDAYS-----	-	(9)	(9)	4	2	(9)	4	(9)	1	1
5 HOLIDAYS-----	(9)	(9)	1	6	8	12	5	6	2	14
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	(9)	4	1
6 HOLIDAYS-----	8	(9)	3	22	20	6	19	8	23	27
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	-	2	(9)	-	-	1	-	-	3
7 HOLIDAYS-----	5	1	2	11	44	28	33	10	14	2
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	(9)	2	4	-	-	-	1	-	7
8 HOLIDAYS-----	12	6	6	9	3	4	3	10	4	6
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	1	(9)	-	1	4	-	1	1	-
9 HOLIDAYS-----	7	13	11	27	8	5	10	28	24	15
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	4	2	15	-	-	-	-	-	-	-
10 HOLIDAYS-----	25	47	26	16	12	16	19	31	11	16
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	6	2	-	-	25	-	-	-	-
11 HOLIDAYS-----	15	9	19	1	-	-	2	-	10	4
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	9	3	4	-	-	-	-	-	-	-
12 HOLIDAYS-----	9	9	4	-	-	-	1	1	-	-
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	2	-	-	-	-	-	-	-
13 HOLIDAYS-----	2	(9)	(9)	-	-	-	1	1	(9)	3
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	2	-	-
14 HOLIDAYS OR MORE-----	-	1	1	-	-	-	-	-	5	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	2	(9)	-	(9)	2	-	1	(9)	-	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	9.7	10.1	9.9	7.6	7.1	8.4	7.5	8.7	8.3	7.6

See footnote at end of B-series tables.

**Table B-6. Annual paid holidays for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	95	92	91	96	91	99	100	98	97	97
LESS THAN 5 HOLIDAYS-----	3	7	4	6	10	(9)	1	4	1	-
5 HOLIDAYS-----	(9)	3	3	3	18	-	-	(9)	(9)	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	11	-	-	-	-	-
6 HOLIDAYS-----	12	27	31	14	18	5	5	10	2	5
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	2	-	(9)	1	-	(9)	1	(9)	-
7 HOLIDAYS-----	5	15	11	12	5	5	14	6	10	8
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	3	-	1	1	2	1	2	(9)	-
8 HOLIDAYS-----	12	8	9	15	6	8	4	13	4	4
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	4	-	-	-	-	2	(9)	(9)	-
9 HOLIDAYS-----	10	5	11	8	11	11	17	15	6	4
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	(9)	-	-	1	(9)	1	1	2	-
10 HOLIDAYS-----	27	12	20	18	9	42	31	24	34	28
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	2	1	1	1	-
11 HOLIDAYS-----	12	6	1	19	(9)	7	16	10	10	3
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	(9)	-
12 HOLIDAYS-----	3	(9)	-	-	1	8	2	2	6	6
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	3	1	-	-	-	9	5	8	3	38
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	7	-	-	-	-	-	(9)	-	18	1
IN ESTABLISHMENTS PROVIDING										
NO PAID HOLIDAYS-----	5	8	9	4	9	1	(9)	2	3	3
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	9.7	7.4	7.4	8.3	6.4	9.8	9.4	9.0	11.1	10.7
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	99	100	99	100	82	100	100	100	99	99
LESS THAN 5 HOLIDAYS-----	-	1	1	(9)	1	(9)	-	(9)	-	-
5 HOLIDAYS-----	1	1	(9)	1	9	-	-	(9)	-	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	6	-	-	-	-	-
6 HOLIDAYS-----	21	29	20	9	8	8	7	8	6	8
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	3	-	(9)	1	(9)	2	1	2	(9)
7 HOLIDAYS-----	4	8	9	15	7	2	6	3	7	9
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	7	(9)	(9)	(9)	-	3	3	1	-
8 HOLIDAYS-----	17	5	17	8	12	24	8	13	5	12
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	13	-	1	-	1	4	1	1	4
9 HOLIDAYS-----	15	10	30	29	17	12	19	18	19	3
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	(9)	3	3	7	-	1	1	4	(9)
10 HOLIDAYS-----	23	14	17	27	10	25	27	35	33	(9)
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	2	1	1	-	(9)	-
11 HOLIDAYS-----	8	5	1	5	(9)	17	15	11	8	1
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	2	2	-	-	(9)	-	-	-	1	-
12 HOLIDAYS-----	1	1	-	1	(9)	6	2	4	3	5
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	(9)	(9)	-	-	-
13 HOLIDAYS-----	5	(9)	-	-	-	4	5	2	3	36
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	1	-	-	-	-	-	(9)	-	5	1
IN ESTABLISHMENTS PROVIDING										
NO PAID HOLIDAYS-----	1	(9)	1	(9)	18	(9)	(9)	(9)	1	1
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	8.8	8.1	8.2	8.7	7.8	9.4	9.4	9.3	9.6	10.3

See footnote at end of B-series tables.

**Table B-6. Annual paid holidays for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	96	92	99	96	98	95	96	93	83	95
LESS THAN 5 HOLIDAYS-----	2	3	1	-	3	3	7	5	3	5
5 HOLIDAYS-----	3	-	-	2	-	1	1	1	(9)	(9)
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
6 HOLIDAYS-----	7	15	4	20	16	13	9	4	10	-
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	2	-	-	-	(9)	-	-	1
7 HOLIDAYS-----	6	14	6	6	26	8	10	7	7	12
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	2	-	4	-	2	1	-	-	-	(9)
8 HOLIDAYS-----	4	16	5	9	8	17	13	18	16	20
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	1	1	-	2	-	1	-	1
9 HOLIDAYS-----	8	13	4	15	16	18	22	23	11	14
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	(9)	1	-	-	1	1	-	-	(9)
10 HOLIDAYS-----	17	23	17	33	25	23	19	19	22	21
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	4	-	-	-	-	6	-	-
11 HOLIDAYS-----	7	5	17	3	2	7	9	6	12	7
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	3	2	4	-	-	2	3	1	(9)	13
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	3	1	5	7	-	-	2	2	-	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	33	-	25	-	-	1	-	-	2	-
IN ESTABLISHMENTS PROVIDING										
NO PAID HOLIDAYS-----	4	8	1	4	2	5	4	7	17	5
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----										
	12.3	8.3	10.7	8.8	8.0	8.4	8.4	8.8	8.7	9.0
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	100	99	100	100	99	99	100	99	98	99
LESS THAN 5 HOLIDAYS-----	-	(9)	-	-	-	(9)	(9)	(9)	(9)	(9)
5 HOLIDAYS-----	-	-	-	(9)	-	(9)	(9)	(9)	(9)	(9)
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
6 HOLIDAYS-----	8	12	10	10	13	8	6	5	8	(9)
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	(9)	2	-	-	-	(9)	-	-	-
7 HOLIDAYS-----	11	10	2	4	50	5	32	13	3	10
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	3	-	2	-	2	1	(9)	(9)	(9)	(9)
8 HOLIDAYS-----	3	23	4	11	3	15	13	21	20	16
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	-	10	1	-	1	3	11	24	1
9 HOLIDAYS-----	20	28	3	27	9	28	18	12	10	29
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	2	1	6	-	-	7	1	3	-	1
10 HOLIDAYS-----	17	17	17	33	21	28	16	24	13	14
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	1	-	-	-	3	4	-	3
11 HOLIDAYS-----	10	8	14	1	1	4	4	3	16	3
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	8	(9)	3	3	(9)	1	2	1	-	21
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	6	1	2	10	-	(9)	1	1	-	1
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	11	-	23	-	-	1	-	2	2	-
IN ESTABLISHMENTS PROVIDING										
NO PAID HOLIDAYS-----	(9)	1	-	(9)	1	1	(9)	1	2	1
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----										
	9.9	8.5	10.4	9.3	7.8	9.0	8.4	8.8	8.9	9.5

See footnote at end of B-series tables.

**Table B-7. Annual paid holidays for full-time workers, January through December 1977—manufacturing**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARRICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	100	100	100	99	100	100	88	100	100	100
LESS THAN 5 HOLIDAYS-----	-	-	-	7	-	-	19	-	(9)	4
5 HOLIDAYS-----	1	2	-	11	9	10	12	3	-	10
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	2
6 HOLIDAYS-----	4	2	-	4	26	5	24	5	16	16
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	8	-	-	-	-	-	-	-
7 HOLIDAYS-----	7	2	(9)	12	15	-	4	12	23	5
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	1	-	-	-	-	-	-	-	-
8 HOLIDAYS-----	7	9	13	3	(9)	8	1	11	8	5
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	1	2	-	12	5	-	-	5	-
9 HOLIDAYS-----	28	28	15	20	33	20	1	15	33	13
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	7	6	8	-	-	-	-	-	-	-
10 HOLIDAYS-----	19	19	30	42	5	52	18	50	8	28
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	2	-	-	-	-	-	-	-	-
11 HOLIDAYS-----	17	14	18	-	-	-	2	3	-	3
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	3	7	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	3	6	3	-	-	-	3	1	-	-
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	2	-	-	-	-	-	4	(9)	-	13
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	2	3	2	-	-	-	-	-	5	-
IN ESTABLISHMENTS PROVIDING										
NO PAID HOLIDAYS-----	-	-	-	1	-	-	12	(9)	-	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	9.5	9.8	9.6	8.1	7.6	8.9	6.8	9.0	8.3	8.4
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	100	100	100	100	100	100	98	100	100	100
LESS THAN 5 HOLIDAYS-----	-	-	-	7	-	-	8	-	(9)	7
5 HOLIDAYS-----	1	(9)	2	15	6	19	4	2	-	7
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	3
6 HOLIDAYS-----	4	1	(9)	4	16	3	31	3	16	6
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	5	-	-	-	-	-	-	-
7 HOLIDAYS-----	8	2	-	10	2	-	14	11	24	4
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	(9)	-	-	-	-	-	-	-	-
8 HOLIDAYS-----	6	13	10	2	16	12	1	9	7	2
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	1	1	-	5	22	-	1	4	-
9 HOLIDAYS-----	12	19	20	16	30	13	2	23	27	21
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	9	5	11	-	-	-	-	-	-	-
10 HOLIDAYS-----	27	24	35	45	26	31	35	46	6	26
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	2	-	-	-	-	-	-	-	-
11 HOLIDAYS-----	17	13	13	-	-	-	1	5	-	4
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	11	8	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	2	9	2	-	-	-	1	(9)	-	-
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	3	-	-	-	-	-	2	(9)	-	21
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	3	3	-	-	-	-	-	16	-
IN ESTABLISHMENTS PROVIDING										
NO PAID HOLIDAYS-----	-	-	-	-	-	-	2	(9)	-	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	9.7	10.0	9.6	8.1	8.3	8.2	7.6	9.1	8.8	9.1

See footnote at end of B-series tables.



**Table B-7. Annual paid holidays for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	98	96	97	100	94	100	100	100	99	100
LESS THAN 5 HOLIDAYS-----	-	-	2	5	2	-	-	-	-	-
5 HOLIDAYS-----	-	3	-	(9)	17	-	-	-	-	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	14	-	-	-	-	-
6 HOLIDAYS-----	1	13	16	5	13	2	3	2	(9)	2
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	3	-	1	1	-	(9)	1	-	-
7 HOLIDAYS-----	1	24	12	3	(9)	4	3	3	1	2
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	1	-	-	-	2	1	2	-	-
8 HOLIDAYS-----	10	12	10	24	7	-	4	11	3	2
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	2	-	-	-	-	2	(9)	(9)	-
9 HOLIDAYS-----	10	6	13	6	23	11	13	16	4	4
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	-	-	-	4	-	1	2	1	-
10 HOLIDAYS-----	36	18	41	21	11	49	41	29	34	31
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	2	(9)	1	1	-
11 HOLIDAYS-----	18	11	3	36	(9)	8	20	16	14	3
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	(9)	-
12 HOLIDAYS-----	4	1	-	-	2	10	3	4	9	6
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	5	2	-	-	-	12	7	13	5	49
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	11	-	-	-	-	-	1	-	26	1
IN ESTABLISHMENTS PROVIDING										
NO PAID HOLIDAYS-----	2	4	3	-	6	-	-	-	1	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	11.0	8.3	8.5	9.2	7.3	10.3	10.1	10.0	12.4	11.5
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	100	100	99	100	98	100	100	100	99	100
LESS THAN 5 HOLIDAYS-----	-	-	2	1	1	-	-	-	-	-
5 HOLIDAYS-----	-	1	-	(9)	15	-	-	-	-	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	12	-	-	-	-	-
6 HOLIDAYS-----	(9)	17	12	3	14	7	3	5	2	2
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	2	-	(9)	3	1	(9)	(9)	(9)	1
7 HOLIDAYS-----	1	34	9	6	1	-	1	3	1	1
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	2	-	-	-	-	3	1	-	-
8 HOLIDAYS-----	21	8	9	18	4	3	6	12	3	1
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	2	-	-	2	2	3	-	2	-
9 HOLIDAYS-----	12	8	33	4	35	11	16	9	3	3
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	-	-	-	2	-	2	3	6	-
10 HOLIDAYS-----	31	11	30	49	8	35	39	43	42	22
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	2	1	-	-	-
11 HOLIDAYS-----	21	10	3	18	(9)	21	17	11	15	2
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	1	-	-	-	-	-
12 HOLIDAYS-----	3	3	-	-	2	12	2	9	6	5
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	6	3	-	-	-	7	7	4	7	62
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	4	-	-	-	-	-	1	-	11	2
IN ESTABLISHMENTS PROVIDING										
NO PAID HOLIDAYS-----	-	-	1	-	2	-	-	-	1	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	10.0	8.1	8.6	9.4	7.5	10.2	9.9	9.8	10.8	11.9

See footnote at end of B-series tables.

**Table B-7. Annual paid holidays for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	100	100	100	100	100	98	99	100	90	100
LESS THAN 5 HOLIDAYS-----	-	-	-	-	-	-	-	-	2	-
5 HOLIDAYS-----	-	-	-	-	-	1	-	-	-	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
6 HOLIDAYS-----	4	8	1	9	2	1	3	(9)	4	-
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
7 HOLIDAYS-----	2	9	1	4	13	11	5	9	2	9
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	-	5	-	-	-	-	-	-	-
8 HOLIDAYS-----	1	18	2	6	18	19	14	22	18	18
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	2	-	4	-	-	-	2
9 HOLIDAYS-----	9	18	2	17	29	16	29	23	7	9
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	(9)	-	-	-	-	-	-	-	-
10 HOLIDAYS-----	19	35	21	47	38	28	27	26	31	23
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	3	-	-	-	-	-	-	-
11 HOLIDAYS-----	10	6	20	5	-	11	12	9	22	10
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	2	4	5	-	-	4	6	4	-	29
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	4	2	6	11	-	-	2	8	-	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	46	-	33	-	-	2	-	-	5	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	-	-	-	-	-	2	1	-	10	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	14.0	9.1	11.6	9.6	8.9	9.2	9.4	9.5	9.6	9.9
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	100	100	100	100	100	100	100	100	92	100
LESS THAN 5 HOLIDAYS-----	-	-	-	-	-	(9)	-	-	1	-
5 HOLIDAYS-----	-	-	-	-	-	(9)	-	-	-	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
6 HOLIDAYS-----	5	8	(9)	5	14	2	3	16	15	-
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
7 HOLIDAYS-----	(9)	13	1	6	28	5	7	1	4	15
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	4	-	3	-	-	-	-	-	-	-
8 HOLIDAYS-----	1	14	(9)	3	9	16	14	28	6	6
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	1	-	2	-	-	-	2
9 HOLIDAYS-----	16	17	1	14	20	16	43	11	6	3
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	2	6	-	-	-	-	4	-	-	-
10 HOLIDAYS-----	21	30	19	51	30	42	21	32	13	10
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	3	-	-	-	-	-	-	-
11 HOLIDAYS-----	19	7	20	2	-	8	5	3	42	4
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	2	2	6	-	-	6	2	3	-	60
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	10	4	4	18	-	-	(9)	6	-	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	21	-	42	-	-	3	-	-	6	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	-	-	-	-	-	(9)	(9)	-	8	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	10.9	9.1	12.1	10.0	8.2	9.5	9.0	8.9	9.7	10.6

See footnote at end of B-series tables.

**Table B-8. Annual paid holidays for full-time workers, January through December 1977—nonmanufacturing**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARRICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	82	93	86	81	62	73	76	93	87	88
LESS THAN 5 HOLIDAYS-----	-	11	(9)	9	16	3	1	12	19	7
5 HOLIDAYS-----	-	(9)	-	5	14	19	10	14	10	40
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	(9)	-	-
6 HOLIDAYS-----	24	2	12	33	6	25	14	12	12	15
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	2	2	1	-	-	-	3	-	-	(9)
7 HOLIDAYS-----	4	3	21	11	14	5	11	16	2	3
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	-	-	3	-	-	1	1	-	1
8 HOLIDAYS-----	4	1	15	6	-	1	5	10	5	4
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	-	-	-	-	-	-	-	-	-
9 HOLIDAYS-----	9	25	5	3	3	5	22	13	24	5
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	2	-	-	-	-	-	-	-	-	-
10 HOLIDAYS-----	26	42	8	11	10	14	5	12	11	11
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	1	-	-	-	(9)	-	-	-	-
11 HOLIDAYS-----	9	8	1	1	-	-	4	(9)	5	1
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	11	-	-	-	-	-	-	-
12 HOLIDAYS-----	1	-	2	-	-	-	-	(9)	-	-
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	9	-	-	-	-	-	-	-
13 HOLIDAYS-----	-	-	-	-	-	-	-	(9)	-	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	-	-	-	-	-	-	-	-	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	18	7	14	19	38	27	24	7	13	12
AVERAGE NUMBER OF PAID HOLIDAYS FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----										
	8.5	8.7	8.8	6.5	5.8	6.8	7.5	6.8	6.8	6.1
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	97	100	100	100	97	100	100	100	100	100
LESS THAN 5 HOLIDAYS-----	-	1	(9)	3	2	(9)	(9)	(9)	2	(9)
5 HOLIDAYS-----	-	-	-	4	9	10	6	7	3	16
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	(9)	5	(9)
6 HOLIDAYS-----	12	(9)	6	28	21	6	7	9	27	31
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	-	(9)	(9)	-	-	3	-	-	3
7 HOLIDAYS-----	3	1	3	12	54	35	53	9	9	2
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	-	4	6	-	-	-	1	-	9
8 HOLIDAYS-----	16	1	2	11	-	2	5	11	2	7
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	-	-	-	-	-	-	1	-	-
9 HOLIDAYS-----	3	9	3	30	2	3	19	30	23	14
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	(9)	17	-	-	-	-	-	-	-
10 HOLIDAYS-----	24	63	19	8	9	12	3	27	13	15
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	9	3	-	-	31	-	-	-	-
11 HOLIDAYS-----	14	6	24	1	-	-	3	(9)	15	4
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	8	-	8	-	-	-	-	-	-	-
12 HOLIDAYS-----	14	10	5	-	-	-	-	1	-	-
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	3	-	-	-	-	-	-	-
13 HOLIDAYS-----	2	1	1	-	-	-	-	1	1	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	2	-	-
14 HOLIDAYS OR MORE-----	-	(9)	-	-	-	-	-	-	-	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	3	(9)	-	(9)	3	-	(9)	(9)	-	-
AVERAGE NUMBER OF PAID HOLIDAYS FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----										
	9.6	10.2	10.1	7.5	6.8	8.4	7.4	8.6	8.0	7.3

See footnote at end of B-series tables.

**Table B-8. Annual paid holidays for full-time workers, January through December 1977—nonmanufacturing—Continued**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	89	91	88	91	89	95	100	94	94	86
LESS THAN 5 HOLIDAYS-----	7	9	6	6	14	1	1	10	3	-
5 HOLIDAYS-----	1	3	5	6	18	-	-	1	(9)	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	10	-	-	-	-	-
6 HOLIDAYS-----	33	33	40	24	21	13	9	22	6	18
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	2	1	-	-	1	-	1	1	(9)	-
7 HOLIDAYS-----	11	11	10	21	7	10	30	11	25	28
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	3	-	1	1	-	(9)	1	(9)	-
8 HOLIDAYS-----	13	6	9	6	5	36	4	17	(9)	12
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	4	-	-	-	-	1	(9)	-	-
9 HOLIDAYS-----	9	5	10	10	5	10	23	13	9	6
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	1	-	-	-	2	(9)	-	4	-
10 HOLIDAYS-----	10	10	8	15	8	19	17	16	33	16
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	1	-	1	-
11 HOLIDAYS-----	1	3	(9)	1	(9)	3	9	1	2	2
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	-	(9)	-	-	-	1	1	(9)	-	3
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	-	-	-	-	-	-	2	-	-	1
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	-	-	-	-	-	-	-	2	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	11	9	12	9	11	5	(9)	6	6	14
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	7.0	7.0	6.7	7.2	5.9	8.2	8.5	7.4	8.5	8.0
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING										
PAID HOLIDAYS-----	99	100	100	100	79	99	100	100	99	97
LESS THAN 5 HOLIDAYS-----	-	1	1	(9)	1	1	-	(9)	-	-
5 HOLIDAYS-----	2	1	(9)	1	8	-	-	(9)	-	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	5	-	-	-	-	-
6 HOLIDAYS-----	33	30	23	11	7	9	8	11	9	16
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	3	-	(9)	1	-	3	1	3	(9)
7 HOLIDAYS-----	5	4	9	17	8	3	8	2	12	19
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	(9)	8	(9)	(9)	(9)	-	3	4	2	-
8 HOLIDAYS-----	14	5	19	6	14	43	9	14	6	24
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	15	-	1	-	-	4	1	1	10
9 HOLIDAYS-----	17	10	29	36	14	12	21	26	30	3
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	(9)	4	3	8	-	1	-	2	(9)
10 HOLIDAYS-----	18	15	14	20	10	15	21	30	26	15
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	3	-	2	-	1	-
11 HOLIDAYS-----	(9)	5	(9)	1	(9)	14	14	11	3	(9)
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	3	2	-	-	-	1	-	-	2	-
12 HOLIDAYS-----	-	1	-	2	-	-	2	-	-	4
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	(9)	(9)	-	-	-
13 HOLIDAYS-----	5	(9)	-	-	-	1	4	1	(9)	5
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	-	-	-	-	-	-	-	1	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	1	(9)	(9)	(9)	21	1	(9)	(9)	1	3
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	8.1	8.0	8.1	8.5	7.9	8.7	9.1	9.0	8.8	8.4

See footnote at end of B-series tables.

**Table B-8. Annual paid holidays for full-time workers, January through December 1977—nonmanufacturing—Continued**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	87	87	96	89	97	92	91	91	80	91
LESS THAN 5 HOLIDAYS-----	6	5	3	-	4	5	14	7	4	9
5 HOLIDAYS-----	9	-	-	6	-	2	2	1	(9)	1
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
6 HOLIDAYS-----	14	20	14	40	24	20	14	6	13	-
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	9	-	-	-	(9)	-	-	2
7 HOLIDAYS-----	16	17	18	10	34	6	16	6	10	15
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	4	-	-	-	3	1	-	-	-	(9)
8 HOLIDAYS-----	12	15	13	15	2	15	12	17	15	21
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	4	-	-	(9)	-	1	-	-
9 HOLIDAYS-----	6	10	10	10	8	19	14	23	13	18
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	4	-	-	1	-	-	-	(9)
10 HOLIDAYS-----	13	15	4	7	18	19	11	16	17	20
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	8	-	-	-	-	9	-	-
11 HOLIDAYS-----	-	5	8	-	4	4	6	5	6	5
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	7	-	-	-	-	1	-	-	(9)	-
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	-	-	-	-	-	-	1	-	-	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	-	-	-	-	-	-	-	-	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	13	13	4	11	3	8	9	9	20	9
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	7.5	7.7	8.0	7.1	7.5	7.9	7.2	8.4	8.1	8.1
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	100	99	100	100	99	98	100	99	100	99
LESS THAN 5 HOLIDAYS-----	-	(9)	-	-	-	(9)	(9)	(9)	-	(9)
5 HOLIDAYS-----	-	-	-	1	-	-	1	(9)	(9)	(9)
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
6 HOLIDAYS-----	12	12	21	15	12	9	7	2	6	1
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	(9)	4	-	-	-	(9)	-	-	-
7 HOLIDAYS-----	23	10	4	2	54	6	41	16	3	8
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	2	-	-	-	2	1	(9)	(9)	(9)	1
8 HOLIDAYS-----	6	24	9	20	2	15	13	20	26	21
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	2	-	22	-	-	(9)	4	13	34	(9)
9 HOLIDAYS-----	25	30	6	41	7	31	9	12	12	41
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	1	-	12	-	-	8	-	3	-	1
10 HOLIDAYS-----	12	16	14	14	20	24	14	22	14	15
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	4	4	-	4
11 HOLIDAYS-----	-	8	7	-	2	3	4	3	6	3
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	16	-	-	5	(9)	(9)	2	(9)	-	2
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	-	-	-	2	-	(9)	1	-	-	1
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	-	-	-	-	-	-	2	-	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	(9)	1	-	(9)	1	2	(9)	1	(9)	1
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	8.7	8.5	8.5	8.6	7.7	8.8	8.1	8.8	8.6	9.0

See footnote at end of B-series tables.

**Table B-9. Annual paid holidays for full-time workers, January through December 1977—public utilities**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARRICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	100	100	97	100	100	100	100	100	100	100
LESS THAN 5 HOLIDAYS-----	-	8	(9)	-	-	-	-	4	-	3
5 HOLIDAYS-----	-	-	-	7	8	-	6	(9)	4	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	14
6 HOLIDAYS-----	3	(9)	-	7	2	-	12	1	-	-
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
7 HOLIDAYS-----	2	-	-	-	-	-	7	4	7	-
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	4
8 HOLIDAYS-----	-	-	4	28	-	-	4	11	-	12
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
9 HOLIDAYS-----	-	(9)	-	7	-	12	53	24	-	15
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
10 HOLIDAYS-----	69	54	12	51	89	88	18	56	89	51
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	5	-	-	-	-	-	-	-	-
11 HOLIDAYS-----	25	32	4	-	-	-	-	-	-	-
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	43	-	-	-	-	-	-	-
12 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	35	-	-	-	-	-	-	-
13 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	-	-	-	-	-	-	-	-	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	-	-	3	-	-	-	-	(9)	-	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	10.1	9.7	11.5	8.7	9.5	9.9	8.4	9.1	9.6	8.6
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	100	100	100	100	100	100	100	100	100	100
LESS THAN 5 HOLIDAYS-----	-	-	(9)	-	-	-	-	-	-	-
5 HOLIDAYS-----	-	-	-	2	3	-	6	4	5	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	4
6 HOLIDAYS-----	5	(9)	1	7	3	-	17	1	-	-
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
7 HOLIDAYS-----	-	-	-	-	-	1	9	2	3	1
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	8
8 HOLIDAYS-----	-	-	(9)	53	-	-	4	16	-	10
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
9 HOLIDAYS-----	6	4	-	4	-	7	49	35	-	15
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	3	-	-	-	-	-	-	-	-
10 HOLIDAYS-----	87	58	8	33	94	92	15	41	91	61
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
11 HOLIDAYS-----	1	35	2	-	-	-	-	-	-	-
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	62	-	-	-	-	-	-	-
12 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	26	-	-	-	-	-	-	-
13 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	-	-	-	-	-	-	-	-	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	9.7	10.3	11.5	8.5	9.7	9.9	8.2	9.0	9.6	9.3

See footnote at end of B-series tables.

**Table B-9. Annual paid holidays for full-time workers, January through December 1977—public utilities—Continued**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	100	100	100	97	100	100	100	100	100	100
LESS THAN 5 HOLIDAYS-----	-	-	-	-	1	-	-	3	-	-
5 HOLIDAYS-----	-	-	3	-	10	-	-	-	-	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	1	-	-	-	-	-
6 HOLIDAYS-----	3	10	(9)	11	4	3	2	5	(9)	8
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
7 HOLIDAYS-----	8	-	4	14	7	-	2	-	-	-
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	3	-	-	-	-	-	3	-	-
8 HOLIDAYS-----	10	-	26	-	9	-	-	(9)	1	3
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	15	-	-	-	-	(9)	-	-	-
9 HOLIDAYS-----	32	12	27	21	12	18	30	26	16	13
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	4	-	-	-	-	-	-	-	-
10 HOLIDAYS-----	43	53	39	51	57	65	44	59	83	54
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	2	-	-	-
11 HOLIDAYS-----	5	2	-	-	1	10	18	4	(9)	8
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	-	(9)	-	-	-	3	3	-	-	14
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	-	-	-	-	-	-	-	-	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	-	-	-	3	-	-	-	-	-	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	9.2	9.3	8.9	8.9	8.8	9.9	9.8	9.3	9.8	9.9
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	100	100	100	100	100	100	100	100	100	100
LESS THAN 5 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
5 HOLIDAYS-----	-	-	1	-	6	-	-	-	-	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	(9)	-	-	-	-	-
6 HOLIDAYS-----	5	3	(9)	2	1	7	1	4	(9)	5
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
7 HOLIDAYS-----	5	-	2	10	7	(9)	(9)	(9)	3	-
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	7	-	-	-	-	-	9	-	-
8 HOLIDAYS-----	3	8	15	1	5	-	1	7	(9)	4
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	24	-	-	-	-	-	-	-	-
9 HOLIDAYS-----	15	6	27	13	17	3	14	8	16	10
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	(9)	-	-	-	-	-	-	-	-
10 HOLIDAYS-----	71	41	55	74	63	45	66	71	80	60
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	1	-	-	-
11 HOLIDAYS-----	2	-	-	-	1	42	17	(9)	-	1
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	9	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	-	2	-	-	-	4	-	-	-	20
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	-	-	-	-	-	-	-	-	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	9.5	9.7	9.3	9.5	9.2	10.2	10.0	9.4	9.7	10.0

See footnote at end of B-series tables.

**Table B-9. Annual paid holidays for full-time workers, January through December 1977—public utilities—Continued**

(All full-time workers=100 percent)

NUMBER OF PAID HOLIDAYS	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	100	100	100	100	100	100	100	100	100	100
LESS THAN 5 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
5 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
6 HOLIDAYS-----	-	9	13	11	(9)	-	-	-	-	-
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
7 HOLIDAYS-----	9	-	-	-	-	2	3	1	-	-
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
8 HOLIDAYS-----	-	4	2	23	-	10	2	3	3	11
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
9 HOLIDAYS-----	14	24	34	23	22	21	6	21	1	10
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
10 HOLIDAYS-----	44	50	18	43	65	55	55	54	62	57
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
11 HOLIDAYS-----	-	13	33	-	13	10	34	21	34	22
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	32	-	-	-	-	2	-	-	-	-
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	-	-	-	-	-	-	-	-	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR PLANT WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	10.2	9.5	9.4	8.9	9.9	9.7	10.2	9.9	10.3	9.9
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	100	100	100	100	100	100	100	100	100	100
LESS THAN 5 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
5 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
5 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
6 HOLIDAYS-----	2	3	8	4	-	(9)	3	-	-	-
6 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	2	-	-	-
7 HOLIDAYS-----	12	2	-	-	-	(9)	-	1	-	1
7 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
8 HOLIDAYS-----	-	3	-	28	-	4	3	(9)	2	21
8 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	(9)	-	-	-	-
9 HOLIDAYS-----	6	19	16	3	20	29	4	11	2	13
9 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
10 HOLIDAYS-----	40	47	50	65	74	61	71	75	63	53
10 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
11 HOLIDAYS-----	-	26	25	-	6	5	7	12	33	11
11 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
12 HOLIDAYS-----	40	-	-	-	-	(9)	10	-	-	-
12 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
13 HOLIDAYS PLUS 1 HALF DAY OR MORE-----	-	-	-	-	-	-	-	-	-	-
14 HOLIDAYS OR MORE-----	-	-	-	-	-	-	-	-	-	-
IN ESTABLISHMENTS PROVIDING NO PAID HOLIDAYS-----	-	-	-	-	-	-	-	-	-	-
AVERAGE NUMBER OF PAID HOLIDAYS										
FOR OFFICE WORKERS IN ESTABLISHMENTS PROVIDING PAID HOLIDAYS-----	10.3	9.8	9.8	9.2	9.9	9.7	10.0	10.0	10.3	9.5

See footnote at end of B-series tables.



**Table B-10. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—all industries**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE- WARWICK- PAWTUCKET	UTICA- ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
<b>PERCENT OF PLANT WORKERS</b>										
2 WEEKS OR MORE-----	99	98	99	94	83	86	80	94	98	82
1 YEAR-----	37	22	45	42	27	27	36	45	33	31
3 YEARS-----	75	72	82	87	81	86	57	91	75	71
5 YEARS-----	96	97	99	91	83	86	77	93	97	80
3 WEEKS OR MORE-----	89	85	85	76	60	72	57	77	80	63
5 YEARS-----	32	16	26	24	18	13	9	25	21	12
10 YEARS-----	83	65	82	69	56	67	44	70	66	47
15 YEARS-----	89	84	85	75	60	72	56	77	80	61
20 YEARS-----	89	85	85	76	60	72	56	77	80	63
4 WEEKS OR MORE-----	50	61	72	58	38	54	35	58	45	44
10 YEARS-----	6	4	16	17	7	5	1	12	5	2
15 YEARS-----	31	32	39	34	29	45	24	34	19	23
20 YEARS-----	48	57	71	54	38	54	34	57	42	41
25 YEARS-----	50	61	72	58	38	54	35	58	45	44
5 WEEKS OR MORE-----	24	17	49	36	17	34	25	29	27	23
15 YEARS-----	-	(9)	4	-	4	3	(9)	1	-	(9)
20 YEARS-----	13	6	16	18	5	3	3	15	13	8
25 YEARS-----	23	16	42	36	15	34	22	28	17	22
30 YEARS-----	24	17	49	36	17	34	25	29	27	23
6 WEEKS OR MORE-----	5	5	19	3	2	21	4	4	3	2
20 YEARS-----	-	(9)	1	-	-	-	1	1	-	-
25 YEARS-----	2	3	4	2	1	-	1	2	-	1
30 YEARS-----	5	5	10	2	2	21	4	4	3	2
<b>PERCENT OF OFFICE WORKERS</b>										
2 WEEKS OR MORE-----	99	99	99	100	99	99	98	99	98	98
1 YEAR-----	76	76	86	66	85	93	86	78	75	81
3 YEARS-----	90	95	97	96	98	97	93	98	94	97
5 YEARS-----	97	99	99	98	99	99	96	98	97	98
3 WEEKS OR MORE-----	86	92	93	72	93	86	81	83	93	92
5 YEARS-----	16	23	18	22	22	24	10	27	23	26
10 YEARS-----	78	83	82	68	92	81	76	79	88	57
15 YEARS-----	86	92	93	72	93	86	81	83	93	88
20 YEARS-----	86	92	93	72	93	86	81	83	93	92
4 WEEKS OR MORE-----	68	76	77	44	58	77	69	68	69	68
10 YEARS-----	9	4	3	11	2	5	1	17	6	9
15 YEARS-----	26	30	42	25	37	37	38	40	31	28
20 YEARS-----	58	66	76	37	58	65	62	66	68	53
25 YEARS-----	68	76	77	44	58	77	69	68	69	68
5 WEEKS OR MORE-----	20	19	46	24	19	18	29	36	33	23
15 YEARS-----	-	(9)	-	-	2	1	(9)	(9)	-	(9)
20 YEARS-----	6	2	6	14	2	1	3	16	12	4
25 YEARS-----	15	13	37	24	17	18	26	30	27	21
30 YEARS-----	19	18	43	24	19	18	29	36	33	23
6 WEEKS OR MORE-----	3	2	15	2	7	6	2	7	1	(9)
20 YEARS-----	-	-	-	-	2	-	1	(9)	-	-
25 YEARS-----	1	(9)	-	-	2	-	1	1	-	(9)
30 YEARS-----	2	2	12	(9)	7	6	2	5	1	(9)

See footnotes at end of B-series tables.

**Table B-10. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT- ROCK ISLAND- MOLINE
<b>PERCENT OF PLANT WORKERS</b>										
2 WEEKS OR MORE-----	97	93	96	96	90	99	99	97	99	98
1 YEAR-----	36	31	34	43	26	18	40	36	36	31
3 YEARS-----	88	79	92	90	78	90	98	94	89	75
5 YEARS-----	94	92	95	93	89	99	99	97	99	96
3 WEEKS OR MORE-----	89	67	81	84	66	97	98	94	98	96
5 YEARS-----	30	17	13	29	12	23	21	23	34	28
10 YEARS-----	79	53	64	77	49	92	96	87	91	71
15 YEARS-----	89	67	79	83	64	97	98	94	98	96
20 YEARS-----	89	67	81	84	66	97	98	94	98	96
4 WEEKS OR MORE-----	75	38	52	70	36	94	91	80	89	87
10 YEARS-----	9	4	4	8	3	11	7	9	10	17
15 YEARS-----	56	21	33	45	14	53	44	50	57	37
20 YEARS-----	72	37	51	67	30	92	90	77	88	86
25 YEARS-----	75	38	52	70	36	94	91	79	89	87
5 WEEKS OR MORE-----	54	22	30	43	13	71	53	50	59	40
15 YEARS-----	5	1	1	-	1	4	4	2	5	14
20 YEARS-----	21	8	15	12	2	33	20	24	31	25
25 YEARS-----	53	20	30	40	13	71	49	47	56	38
30 YEARS-----	54	22	30	43	13	71	51	50	58	40
6 WEEKS OR MORE-----	27	4	8	17	3	19	11	16	14	6
20 YEARS-----	(9)	(9)	1	-	1	4	3	2	4	1
25 YEARS-----	3	2	5	-	2	8	8	6	10	5
30 YEARS-----	26	4	8	13	3	19	11	13	14	6
<b>PERCENT OF OFFICE WORKERS</b>										
2 WEEKS OR MORE-----	99	99	99	99	99	99	100	99	99	99
1 YEAR-----	78	81	71	82	75	82	88	81	87	85
3 YEARS-----	96	97	99	99	97	96	99	99	99	99
5 YEARS-----	99	99	99	99	99	99	99	99	99	99
3 WEEKS OR MORE-----	92	83	90	95	85	98	99	96	99	99
5 YEARS-----	21	21	17	32	19	19	30	22	39	42
10 YEARS-----	82	70	67	87	75	86	96	91	95	93
15 YEARS-----	92	82	90	94	84	96	99	96	99	98
20 YEARS-----	92	83	90	95	85	98	99	96	99	98
4 WEEKS OR MORE-----	78	58	59	86	58	77	88	85	86	85
10 YEARS-----	11	4	8	11	19	11	11	10	11	32
15 YEARS-----	41	31	33	44	36	46	48	48	54	50
20 YEARS-----	76	53	57	83	56	70	86	82	83	83
25 YEARS-----	78	58	57	86	58	77	88	85	86	85
5 WEEKS OR MORE-----	38	27	28	37	32	53	46	46	46	46
15 YEARS-----	4	1	(9)	-	(9)	(9)	4	1	2	30
20 YEARS-----	15	6	15	9	19	25	13	13	15	32
25 YEARS-----	38	25	28	32	32	52	42	43	40	46
30 YEARS-----	38	27	28	37	32	53	46	46	45	46
6 WEEKS OR MORE-----	15	5	2	5	1	20	11	15	9	31
20 YEARS-----	2	(9)	(9)	-	(9)	1	3	1	1	9
25 YEARS-----	7	1	1	2	(9)	8	6	1	3	31
30 YEARS-----	14	5	2	4	1	19	10	12	8	31

See footnotes at end of B-series tables.

**Table B-10. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER- BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE- EVERETT
<b>PERCENT OF PLANT WORKERS</b>										
2 WEEKS OR MORE-----	95	95	99	98	98	98	98	99	96	96
1 YEAR-----	49	31	20	20	37	44	22	39	42	38
3 YEARS-----	84	84	61	92	98	95	96	98	95	95
5 YEARS-----	94	94	99	96	98	98	98	99	96	96
3 WEEKS OR MORE-----	92	85	93	86	89	90	93	90	76	93
5 YEARS-----	46	14	23	10	24	34	26	36	28	37
10 YEARS-----	82	77	84	82	81	83	90	83	76	87
15 YEARS-----	92	85	93	85	89	90	92	90	76	93
20 YEARS-----	92	85	93	86	89	90	93	90	76	93
4 WEEKS OR MORE-----	83	65	78	58	68	67	75	64	56	72
10 YEARS-----	2	2	2	3	14	10	11	7	3	22
15 YEARS-----	55	33	36	11	39	46	53	45	24	59
20 YEARS-----	79	62	71	58	68	66	74	64	56	68
25 YEARS-----	83	65	78	58	68	67	75	64	56	71
5 WEEKS OR MORE-----	56	36	38	8	33	38	39	42	31	30
15 YEARS-----	1	1	2	-	-	-	5	2	-	6
20 YEARS-----	39	12	17	4	17	13	17	22	14	18
25 YEARS-----	54	36	37	8	31	37	38	39	28	30
30 YEARS-----	56	36	37	8	33	38	39	42	31	30
6 WEEKS OR MORE-----	6	4	12	-	1	7	10	2	5	12
20 YEARS-----	1	1	2	-	-	-	3	-	-	-
25 YEARS-----	1	4	2	-	1	3	6	-	3	10
30 YEARS-----	5	4	11	-	1	7	9	2	3	12
<b>PERCENT OF OFFICE WORKERS</b>										
2 WEEKS OR MORE-----	99	99	100	100	99	99	99	100	99	99
1 YEAR-----	76	75	77	53	53	82	72	81	85	90
3 YEARS-----	97	98	99	99	99	99	99	99	99	99
5 YEARS-----	98	99	100	99	99	99	99	100	99	99
3 WEEKS OR MORE-----	98	97	98	95	95	97	96	97	96	99
5 YEARS-----	32	11	39	14	15	41	29	63	56	48
10 YEARS-----	92	91	90	92	77	93	95	93	96	97
15 YEARS-----	98	94	98	94	95	96	96	97	96	99
20 YEARS-----	98	97	98	95	95	97	96	97	96	99
4 WEEKS OR MORE-----	88	84	85	81	74	74	85	72	84	90
10 YEARS-----	17	2	3	5	5	13	4	14	8	7
15 YEARS-----	48	25	56	19	26	50	47	44	52	56
20 YEARS-----	85	79	79	81	72	73	85	70	84	90
25 YEARS-----	88	81	85	81	72	74	85	72	84	90
5 WEEKS OR MORE-----	51	38	32	18	28	34	40	26	27	26
15 YEARS-----	2	1	-	-	-	-	1	1	-	1
20 YEARS-----	22	6	14	4	7	10	10	6	12	5
25 YEARS-----	43	33	29	15	26	28	31	26	23	24
30 YEARS-----	46	37	32	15	28	34	40	26	27	24
6 WEEKS OR MORE-----	11	1	5	-	(9)	6	7	1	2	7
20 YEARS-----	-	1	-	-	-	-	1	-	-	(9)
25 YEARS-----	1	1	-	-	(9)	1	3	(9)	1	3
30 YEARS-----	6	1	5	-	(9)	5	6	1	1	5

See footnotes at end of B-series tables.

**Table B-11. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—manufacturing**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE- WARWICK- PAWTUCKET	UTICA- ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
<b>PERCENT OF PLANT WORKERS</b>										
2 WEEKS OR MORE-----	100	98	100	97	100	100	81	99	99	95
1 YEAR-----	40	15	45	44	10	15	34	49	28	27
3 YEARS-----	71	66	78	90	91	99	52	96	72	78
5 YEARS-----	98	97	100	90	100	100	77	99	99	90
3 WEEKS OR MORE-----	89	85	86	88	79	91	55	93	85	78
5 YEARS-----	37	13	28	36	10	13	8	36	22	15
10 YEARS-----	87	61	82	77	64	84	40	84	67	59
15 YEARS-----	89	84	86	86	79	91	54	93	85	74
20 YEARS-----	89	85	86	88	79	91	54	93	85	78
4 WEEKS OR MORE-----	46	61	72	81	42	84	31	71	48	58
10 YEARS-----	7	2	20	36	-	5	1	23	5	2
15 YEARS-----	27	25	38	39	23	71	25	40	18	32
20 YEARS-----	44	56	71	77	42	84	30	71	44	54
25 YEARS-----	46	61	72	81	42	84	31	71	48	58
5 WEEKS OR MORE-----	19	10	51	64	5	52	21	34	28	27
15 YEARS-----	-	1	5	-	-	-	1	2	-	-
20 YEARS-----	10	2	20	39	-	-	1	25	15	13
25 YEARS-----	19	10	42	64	5	52	21	32	15	27
30 YEARS-----	19	10	51	64	5	52	21	34	28	27
6 WEEKS OR MORE-----	6	3	21	8	5	52	6	8	4	2
20 YEARS-----	-	1	1	-	-	-	1	2	-	-
25 YEARS-----	3	5	4	3	-	-	1	2	-	-
30 YEARS-----	6	3	10	5	5	52	6	7	4	2
<b>PERCENT OF OFFICE WORKERS</b>										
2 WEEKS OR MORE-----	99	99	99	100	100	100	96	100	99	98
1 YEAR-----	77	60	85	74	84	89	83	64	50	66
3 YEARS-----	84	91	94	93	94	99	88	98	92	94
5 YEARS-----	97	99	99	93	100	100	92	99	99	98
3 WEEKS OR MORE-----	78	91	90	88	94	95	81	96	94	83
5 YEARS-----	15	20	18	57	7	40	5	33	25	23
10 YEARS-----	76	69	88	74	93	89	73	89	87	75
15 YEARS-----	77	91	90	86	94	95	81	96	94	82
20 YEARS-----	78	91	90	88	94	95	81	96	94	83
4 WEEKS OR MORE-----	63	66	83	77	76	89	70	79	74	76
10 YEARS-----	5	4	6	50	-	22	(9)	18	5	22
15 YEARS-----	19	33	45	53	60	78	41	47	29	43
20 YEARS-----	57	62	81	74	76	89	68	79	72	74
25 YEARS-----	63	68	83	77	76	89	70	79	74	76
5 WEEKS OR MORE-----	22	16	55	68	40	31	38	34	43	36
15 YEARS-----	-	(9)	-	-	-	-	(9)	1	-	-
20 YEARS-----	9	2	8	53	-	-	2	21	24	22
25 YEARS-----	14	14	42	68	40	31	38	26	25	36
30 YEARS-----	21	16	55	68	40	31	38	34	43	36
6 WEEKS OR MORE-----	4	5	27	10	26	31	3	11	3	1
20 YEARS-----	-	-	-	-	-	-	2	1	-	-
25 YEARS-----	1	(9)	-	-	-	-	2	1	-	-
30 YEARS-----	4	5	22	2	26	31	3	11	3	1

See footnotes at end of B-series tables.

**Table B-11. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
2 WEEKS OR MORE-----	100	97	96	100	99	100	100	100	100	100
1 YEAR-----	41	22	51	55	24	14	33	38	35	32
3 YEARS-----	91	61	95	95	74	91	98	97	86	71
5 YEARS-----	98	96	96	100	96	100	99	100	100	98
3 WEEKS OR MORE-----	96	85	89	90	72	99	100	98	99	100
5 YEARS-----	40	14	18	42	15	23	21	30	35	33
10 YEARS-----	90	49	71	90	50	93	97	93	91	71
15 YEARS-----	96	85	89	90	68	99	100	98	99	100
20 YEARS-----	96	85	89	90	72	99	100	98	99	100
4 WEEKS OR MORE-----	90	45	70	87	26	96	92	89	94	94
10 YEARS-----	14	7	6	13	5	12	8	13	9	22
15 YEARS-----	70	22	47	67	12	58	37	57	58	36
20 YEARS-----	88	45	67	81	24	94	91	85	92	94
25 YEARS-----	90	45	70	87	26	96	92	88	94	94
5 WEEKS OR MORE-----	68	37	40	56	7	76	53	56	65	38
15 YEARS-----	7	1	-	-	2	5	2	2	4	19
20 YEARS-----	28	14	17	15	4	41	15	28	33	26
25 YEARS-----	66	36	40	54	6	76	48	51	63	38
30 YEARS-----	68	37	40	56	7	76	51	56	64	38
6 WEEKS OR MORE-----	41	6	12	34	4	25	6	23	13	7
20 YEARS-----	(9)	1	-	-	2	5	(9)	2	4	2
25 YEARS-----	5	1	4	-	4	10	3	8	6	6
30 YEARS-----	40	6	12	26	4	25	6	19	12	7
PERCENT OF OFFICE WORKERS										
2 WEEKS OR MORE-----	100	99	99	100	98	100	100	100	100	100
1 YEAR-----	81	77	77	91	44	87	91	83	90	93
3 YEARS-----	95	94	98	99	90	96	99	99	99	99
5 YEARS-----	99	99	99	100	98	100	99	100	100	99
3 WEEKS OR MORE-----	96	82	93	96	84	98	99	94	99	99
5 YEARS-----	35	25	43	57	39	32	34	27	33	70
10 YEARS-----	94	55	85	96	63	91	98	89	98	97
15 YEARS-----	96	82	93	96	82	98	99	93	99	99
20 YEARS-----	96	82	93	96	84	98	99	94	99	99
4 WEEKS OR MORE-----	90	46	78	92	37	95	93	88	92	94
10 YEARS-----	28	10	31	32	4	22	15	17	18	53
15 YEARS-----	70	34	59	78	22	75	51	59	59	65
20 YEARS-----	88	46	78	92	34	92	92	86	91	94
25 YEARS-----	90	46	78	92	37	95	93	87	92	94
5 WEEKS OR MORE-----	53	27	49	66	10	79	60	59	71	57
15 YEARS-----	10	3	-	-	2	1	6	-	3	49
20 YEARS-----	28	18	36	21	4	48	18	18	27	53
25 YEARS-----	52	25	49	58	9	77	53	52	64	57
30 YEARS-----	53	27	49	66	10	79	58	59	69	57
6 WEEKS OR MORE-----	41	8	5	26	2	41	11	29	15	52
20 YEARS-----	6	3	-	-	2	2	4	-	1	15
25 YEARS-----	20	3	2	10	2	17	5	1	3	51
30 YEARS-----	40	8	5	17	2	41	11	24	15	52

See footnotes at end of B-series tables.

**Table B-11. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
<b>PERCENT OF PLANT WORKERS</b>										
2 WEEKS OR MORE-----	99	100	100	100	100	100	99	100	100	100
1 YEAR-----	56	33	21	21	40	49	26	20	61	44
3 YEARS-----	86	83	50	21	100	97	96	100	100	98
5 YEARS-----	97	100	100	97	100	100	99	100	100	100
3 WEEKS OR MORE-----	98	88	94	98	100	97	97	91	99	96
5 YEARS-----	56	8	20	11	38	37	23	28	18	51
10 YEARS-----	85	79	82	94	98	92	93	90	99	88
15 YEARS-----	98	88	94	95	100	97	96	91	99	96
20 YEARS-----	98	88	94	98	100	97	97	91	99	96
4 WEEKS OR MORE-----	92	76	79	67	88	78	80	79	60	80
10 YEARS-----	2	4	2	4	32	17	17	19	2	45
15 YEARS-----	63	40	32	6	43	45	51	50	14	66
20 YEARS-----	86	76	71	67	88	77	78	79	60	75
25 YEARS-----	92	76	79	67	88	78	80	79	60	79
5 WEEKS OR MORE-----	66	37	38	4	43	34	49	33	21	25
15 YEARS-----	1	2	2	-	-	-	9	8	-	11
20 YEARS-----	50	10	17	3	40	10	21	16	10	23
25 YEARS-----	62	37	38	4	43	34	48	25	21	25
30 YEARS-----	66	37	38	4	43	34	49	33	21	25
6 WEEKS OR MORE-----	7	7	15	-	-	8	16	8	5	15
20 YEARS-----	1	2	2	-	-	-	6	-	-	-
25 YEARS-----	1	7	2	-	-	1	11	-	5	14
30 YEARS-----	5	7	15	-	-	8	16	8	5	15
<b>PERCENT OF OFFICE WORKERS</b>										
2 WEEKS OR MORE-----	100	100	100	100	100	100	100	100	100	100
1 YEAR-----	81	76	85	34	63	87	74	82	95	97
3 YEARS-----	98	91	98	98	100	99	99	98	100	100
5 YEARS-----	100	100	100	99	100	100	100	100	100	100
3 WEEKS OR MORE-----	99	95	99	99	100	98	98	99	98	99
5 YEARS-----	42	13	53	10	49	56	12	52	33	72
10 YEARS-----	88	91	91	99	86	97	98	96	98	98
15 YEARS-----	99	95	99	99	100	98	98	99	98	99
20 YEARS-----	99	95	99	99	100	98	98	99	98	99
4 WEEKS OR MORE-----	94	74	96	88	83	81	82	80	78	89
10 YEARS-----	29	3	2	9	28	28	8	27	12	10
15 YEARS-----	58	33	69	10	36	54	57	57	18	25
20 YEARS-----	91	74	93	88	83	80	81	80	78	89
25 YEARS-----	94	74	96	88	83	81	82	80	78	89
5 WEEKS OR MORE-----	58	31	36	5	37	46	44	15	19	7
15 YEARS-----	-	-	-	-	-	-	1	3	-	2
20 YEARS-----	32	7	23	4	33	22	16	12	12	4
25 YEARS-----	52	30	31	5	37	46	44	15	19	6
30 YEARS-----	58	30	36	5	37	46	44	15	19	7
6 WEEKS OR MORE-----	15	4	9	-	-	19	11	9	2	2
20 YEARS-----	-	-	-	-	-	-	1	-	-	-
25 YEARS-----	-	3	-	-	-	(9)	8	2	2	1
30 YEARS-----	10	4	9	-	-	15	11	9	2	2

See footnotes at end of B-series tables.

**Table B-12. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—nonmanufacturing**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE- WARWICK- PAWTUCKET	UTICA- ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
PERCENT OF PLANT WORKERS										
2 WEEKS OR MORE-----	95	98	98	91	77	77	77	90	92	71
1 YEAR-----	28	45	44	40	33	35	41	42	47	35
3 YEARS-----	84	93	97	85	77	77	74	87	82	66
5 YEARS-----	90	98	98	91	77	77	77	90	89	71
3 WEEKS OR MORE-----	88	84	81	66	52	60	61	66	66	49
5 YEARS-----	17	26	18	15	21	13	10	18	18	9
10 YEARS-----	72	77	81	63	52	56	55	60	60	38
15 YEARS-----	88	84	81	66	52	60	61	66	66	49
20 YEARS-----	88	84	81	66	52	60	61	66	66	49
4 WEEKS OR MORE-----	60	60	71	41	36	33	47	48	35	31
10 YEARS-----	5	14	3	2	10	5	4	4	4	1
15 YEARS-----	44	53	46	29	30	28	21	30	22	15
20 YEARS-----	59	60	71	37	36	33	46	48	35	29
25 YEARS-----	60	60	71	41	36	33	47	48	35	31
5 WEEKS OR MORE-----	38	39	42	15	21	22	35	25	22	20
15 YEARS-----	-	-	-	-	6	5	-	(9)	-	1
20 YEARS-----	21	21	2	3	7	6	11	8	9	3
25 YEARS-----	37	39	42	15	18	22	23	25	22	18
30 YEARS-----	38	39	42	15	21	22	35	25	22	20
6 WEEKS OR MORE-----	-	10	12	-	1	-	1	2	-	2
20 YEARS-----	-	-	-	-	-	-	1	-	-	-
25 YEARS-----	-	10	-	-	1	-	1	1	-	2
30 YEARS-----	-	10	12	-	1	-	1	2	-	2
PERCENT OF OFFICE WORKERS										
2 WEEKS OR MORE-----	99	100	99	100	99	98	99	99	97	98
1 YEAR-----	75	87	86	64	85	94	90	81	88	84
3 YEARS-----	94	98	99	97	99	97	99	98	95	97
5 YEARS-----	97	100	99	100	99	98	99	98	96	98
3 WEEKS OR MORE-----	92	93	94	68	92	84	82	80	92	94
5 YEARS-----	17	26	17	13	25	20	16	26	21	26
10 YEARS-----	80	92	77	66	92	79	79	77	88	54
15 YEARS-----	92	93	94	68	92	84	82	80	92	90
20 YEARS-----	92	93	94	68	92	84	82	80	92	94
4 WEEKS OR MORE-----	72	82	72	35	54	74	68	65	67	66
10 YEARS-----	12	4	1	1	3	1	2	16	6	6
15 YEARS-----	30	28	40	17	32	28	36	38	33	25
20 YEARS-----	59	69	72	26	54	60	56	63	67	49
25 YEARS-----	72	82	72	35	74	68	68	65	67	66
5 WEEKS OR MORE-----	18	21	39	13	14	14	19	36	29	21
15 YEARS-----	-	-	-	-	2	1	-	(9)	-	(9)
20 YEARS-----	4	3	4	3	2	1	5	15	6	1
25 YEARS-----	16	12	33	13	11	14	14	31	29	18
30 YEARS-----	17	20	34	13	14	14	19	36	29	21
6 WEEKS OR MORE-----	2	1	6	-	2	-	-	6	-	(9)
20 YEARS-----	-	-	-	-	2	-	-	-	-	-
25 YEARS-----	-	-	-	-	2	-	-	1	-	(9)
30 YEARS-----	-	-	5	-	2	-	-	4	-	(9)

See footnotes at end of B-series tables.

**Table B-12. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—nonmanufacturing—Continued**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
<b>PERCENT OF PLANT WORKERS</b>										
2 WEEKS OR MORE-----	91	91	96	91	86	94	99	93	97	92
1 YEAR-----	26	35	23	30	26	31	50	33	39	26
3 YEARS-----	83	87	90	84	80	88	98	89	93	88
5 YEARS-----	89	90	95	86	85	94	99	93	97	91
3 WEEKS OR MORE-----	75	60	76	78	63	93	96	86	95	84
5 YEARS-----	9	18	11	14	9	24	20	12	32	11
10 YEARS-----	59	54	60	63	48	87	95	78	91	73
15 YEARS-----	75	59	73	75	62	92	96	86	95	81
20 YEARS-----	75	60	76	78	63	93	96	86	95	81
4 WEEKS OR MORE-----	46	34	41	52	41	87	89	65	80	64
10 YEARS-----	(9)	3	2	3	1	9	7	2	12	1
15 YEARS-----	29	20	25	22	15	38	54	38	54	40
20 YEARS-----	43	33	41	52	33	85	89	63	80	60
25 YEARS-----	46	34	41	52	41	87	89	65	80	64
5 WEEKS OR MORE-----	28	16	24	29	16	53	53	41	46	49
15 YEARS-----	-	1	2	-	-	1	6	(9)	6	-
20 YEARS-----	9	5	13	9	1	5	26	18	26	20
25 YEARS-----	27	13	24	24	16	53	51	41	44	40
30 YEARS-----	28	16	24	29	16	53	53	41	46	49
6 WEEKS OR MORE-----	-	3	6	-	2	-	19	3	17	2
20 YEARS-----	-	-	2	-	-	-	6	1	4	-
25 YEARS-----	-	3	6	-	(9)	-	14	3	17	2
30 YEARS-----	-	3	6	-	2	-	18	3	17	2
<b>PERCENT OF OFFICE WORKERS</b>										
2 WEEKS OR MORE-----	95	99	99	99	99	99	100	99	99	99
1 YEAR-----	76	82	69	80	81	77	87	78	85	75
3 YEARS-----	96	97	99	99	99	96	99	99	99	99
5 YEARS-----	99	99	99	99	99	99	100	99	99	99
3 WEEKS OR MORE-----	60	83	90	95	85	98	98	97	99	98
5 YEARS-----	13	20	10	25	16	7	27	19	44	7
10 YEARS-----	75	75	63	85	77	82	96	93	92	89
15 YEARS-----	90	82	90	93	85	95	98	97	98	97
20 YEARS-----	90	83	90	95	85	98	98	97	99	97
4 WEEKS OR MORE-----	71	60	54	84	62	61	85	83	82	74
10 YEARS-----	1	3	2	5	22	2	8	4	7	6
15 YEARS-----	24	30	27	35	38	19	47	40	49	32
20 YEARS-----	69	54	52	80	61	51	83	80	76	71
25 YEARS-----	71	60	52	84	62	61	85	83	82	74
5 WEEKS OR MORE-----	30	27	24	29	36	30	40	37	28	33
15 YEARS-----	-	1	(9)	-	-	-	3	1	1	5
20 YEARS-----	7	5	10	6	22	4	11	9	5	8
25 YEARS-----	30	24	23	26	36	29	37	36	23	31
30 YEARS-----	30	27	24	29	36	30	39	37	28	33
6 WEEKS OR MORE-----	-	4	1	-	1	1	11	4	4	6
20 YEARS-----	-	-	(9)	-	-	-	3	1	1	-
25 YEARS-----	-	1	1	-	(9)	-	6	1	3	6
30 YEARS-----	-	4	1	-	(9)	(9)	10	3	4	6

See footnotes at end of B-series tables.



**Table B-12. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—nonmanufacturing—Continued**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER- BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE- EVERETT
PERCENT OF PLANT WORKERS										
2 WEEKS OR MORE-----	86	91	96	94	97	96	96	98	93	93
1 YEAR-----	31	29	20	18	35	40	19	47	32	32
3 YEARS-----	81	85	96	85	97	94	96	97	93	93
5 YEARS-----	86	90	96	94	97	96	96	98	93	93
3 WEEKS OR MORE-----	79	82	93	64	83	85	88	89	63	90
5 YEARS-----	20	18	32	9	16	32	30	39	34	24
10 YEARS-----	74	76	90	58	72	76	86	80	63	85
15 YEARS-----	79	82	93	64	83	85	88	89	63	90
20 YEARS-----	79	82	93	64	83	85	88	89	63	90
4 WEEKS OR MORE-----	61	58	74	40	57	59	69	57	53	64
10 YEARS-----	3	1	1	1	4	5	3	1	4	2
15 YEARS-----	36	28	51	21	36	46	56	43	30	52
20 YEARS-----	61	52	71	40	57	59	69	97	53	62
25 YEARS-----	61	58	74	40	57	59	69	57	53	64
5 WEEKS OR MORE-----	33	36	40	17	27	41	27	45	37	34
15 YEARS-----	(9)	-	-	-	-	-	(9)	-	-	1
20 YEARS-----	12	13	17	6	4	12	12	25	15	14
25 YEARS-----	33	36	36	17	23	38	26	45	33	34
30 YEARS-----	33	36	36	17	27	41	27	45	37	34
6 WEEKS OR MORE-----	4	2	3	-	1	7	3	-	5	9
20 YEARS-----	-	-	-	-	-	-	(9)	-	-	-
25 YEARS-----	1	2	-	-	1	5	1	-	2	8
30 YEARS-----	4	2	-	-	1	7	2	-	2	9
PERCENT OF OFFICE WORKERS										
2 WEEKS OR MORE-----	99	99	100	100	99	99	99	100	99	99
1 YEAR-----	70	75	68	73	51	81	71	81	81	87
3 YEARS-----	95	99	100	99	99	99	99	99	99	99
5 YEARS-----	95	99	100	100	99	99	99	100	99	99
3 WEEKS OR MORE-----	97	97	97	90	94	96	96	96	95	98
5 YEARS-----	20	11	23	18	8	37	35	65	69	36
10 YEARS-----	97	91	89	86	75	92	94	93	95	97
15 YEARS-----	97	94	97	90	94	96	96	96	95	98
20 YEARS-----	97	97	97	90	94	96	96	96	95	98
4 WEEKS OR MORE-----	82	85	74	73	72	72	86	70	87	90
10 YEARS-----	3	2	5	(9)	1	9	3	11	6	6
15 YEARS-----	35	24	41	27	25	48	44	42	66	71
20 YEARS-----	78	80	63	73	69	72	86	68	87	90
25 YEARS-----	82	82	74	73	69	72	86	70	87	90
5 WEEKS OR MORE-----	43	39	27	31	26	30	38	29	29	35
15 YEARS-----	5	1	-	-	-	-	1	(9)	-	1
20 YEARS-----	10	6	4	4	2	6	7	4	12	5
25 YEARS-----	31	33	27	26	24	24	26	28	25	32
30 YEARS-----	31	38	27	26	26	30	38	29	29	32
6 WEEKS OR MORE-----	6	1	(9)	-	(9)	3	5	-	1	9
20 YEARS-----	-	1	-	-	-	-	1	-	-	(9)
25 YEARS-----	2	1	-	-	(9)	2	1	-	1	3
30 YEARS-----	2	1	-	-	(9)	2	4	-	1	7

See footnotes at end of B-series tables.

**Table B-13. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—public utilities**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	NORTHEAST					SOUTH				
	NORTHEAST PENNSYLVANIA	PROVIDENCE- WARWICK- PAWTUCKET	UTICA- ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINES- VILLE	GREENSBORO- WINSTON-SALEM- HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
PERCENT OF PLANT WORKERS										
2 WEEKS OR MORE-----	100	100	97	93	98	-	100	96	-	97
1 YEAR-----	26	72	82	84	89	-	44	70	-	63
3 YEARS-----	100	100	97	93	98	-	94	96	-	97
5 YEARS-----	100	100	97	93	98	-	100	96	-	97
3 WEEKS OR MORE-----	100	100	97	86	98	-	94	90	-	88
5 YEARS-----	-	36	4	9	15	-	8	20	-	8
10 YEARS-----	94	99	97	86	98	-	84	90	-	75
15 YEARS-----	100	100	97	86	98	-	94	90	-	88
20 YEARS-----	100	100	97	86	98	-	94	90	-	88
4 WEEKS OR MORE-----	98	97	97	86	89	-	82	89	-	85
10 YEARS-----	-	8	-	8	-	-	4	11	-	-
15 YEARS-----	80	92	50	61	62	-	43	53	-	52
20 YEARS-----	92	97	97	86	89	-	82	89	-	78
25 YEARS-----	98	97	97	86	89	-	82	89	-	85
5 WEEKS OR MORE-----	83	97	85	60	89	-	71	77	-	78
15 YEARS-----	-	-	-	-	-	-	-	-	-	3
20 YEARS-----	25	29	7	10	7	-	31	19	-	11
25 YEARS-----	80	97	85	60	62	-	45	77	-	69
30 YEARS-----	83	97	85	60	89	-	71	77	-	78
6 WEEKS OR MORE-----	-	-	35	-	7	-	3	6	-	8
20 YEARS-----	-	-	-	-	-	-	3	-	-	-
25 YEARS-----	-	-	-	-	7	-	3	5	-	8
30 YEARS-----	-	-	35	-	7	-	3	6	-	8
PERCENT OF OFFICE WORKERS										
2 WEEKS OR MORE-----	100	100	99	100	100	-	100	100	-	99
1 YEAR-----	45	85	94	84	100	-	79	76	-	88
3 YEARS-----	99	100	99	100	100	-	96	100	-	99
5 YEARS-----	100	100	99	100	100	-	100	100	-	99
3 WEEKS OR MORE-----	96	100	98	90	97	-	94	94	-	99
5 YEARS-----	11	41	6	3	5	-	5	26	-	5
10 YEARS-----	93	99	98	90	97	-	90	94	-	82
15 YEARS-----	96	100	98	90	97	-	94	94	-	99
20 YEARS-----	56	100	98	90	97	-	94	94	-	99
4 WEEKS OR MORE-----	91	74	98	90	94	-	75	86	-	93
10 YEARS-----	-	4	-	2	-	-	(9)	23	-	-
15 YEARS-----	60	67	35	50	68	-	47	54	-	60
20 YEARS-----	88	74	98	90	94	-	75	86	-	83
25 YEARS-----	91	74	98	90	94	-	75	86	-	93
5 WEEKS OR MORE-----	47	67	90	49	94	-	55	78	-	85
15 YEARS-----	-	-	-	-	-	-	-	-	-	1
20 YEARS-----	1	13	2	14	1	-	23	26	-	1
25 YEARS-----	47	67	90	49	68	-	38	78	-	70
30 YEARS-----	47	67	90	49	94	-	55	78	-	85
6 WEEKS OR MORE-----	-	-	26	-	1	-	-	17	-	(9)
20 YEARS-----	-	-	-	-	-	-	-	-	-	-
25 YEARS-----	-	-	-	-	1	-	-	3	-	(9)
30 YEARS-----	-	-	26	-	1	-	-	17	-	(9)

See footnotes at end of B-series tables.

**Table B-13. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—public utilities—Continued**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
2 WEEKS OR MORE-----	100	100	100	100	99	100	100	100	100	100
1 YEAR-----	23	64	32	12	62	40	54	35	73	38
3 YEARS-----	100	97	99	97	95	100	100	97	100	92
5 YEARS-----	100	100	100	100	99	100	100	100	100	100
3 WEEKS OR MORE-----	100	95	98	96	79	100	99	100	100	100
5 YEARS-----	1	22	7	4	6	-	10	12	20	-
10 YEARS-----	97	95	96	90	77	100	99	100	99	92
15 YEARS-----	100	95	98	96	79	100	99	100	99	100
20 YEARS-----	100	95	98	96	79	100	99	100	100	100
4 WEEKS OR MORE-----	100	87	91	82	79	100	99	98	99	97
10 YEARS-----	-	2	(9)	-	-	-	-	-	4	-
15 YEARS-----	68	55	57	21	68	32	65	61	62	53
20 YEARS-----	100	87	91	82	79	100	99	98	99	97
25 YEARS-----	100	87	91	82	79	100	99	98	99	97
5 WEEKS OR MORE-----	93	71	67	77	69	98	98	85	97	90
15 YEARS-----	-	2	-	-	-	-	19	-	4	-
20 YEARS-----	15	19	24	16	6	10	38	32	32	13
25 YEARS-----	90	54	67	70	69	98	98	85	90	90
30 YEARS-----	93	71	67	77	69	98	98	85	97	90
6 WEEKS OR MORE-----	-	9	-	-	3	-	48	13	23	8
20 YEARS-----	-	-	-	-	-	-	19	2	-	-
25 YEARS-----	-	9	-	-	3	-	29	13	23	8
30 YEARS-----	-	9	-	-	3	-	45	13	23	8
PERCENT OF OFFICE WORKERS										
2 WEEKS OR MORE-----	100	100	100	100	99	100	100	100	100	100
1 YEAR-----	44	86	42	24	70	74	55	72	91	45
3 YEARS-----	100	98	99	99	99	100	100	100	100	99
5 YEARS-----	100	100	100	100	99	100	100	100	100	100
3 WEEKS OR MORE-----	98	98	99	99	89	97	99	96	99	100
5 YEARS-----	3	14	9	1	6	(9)	14	2	12	-
10 YEARS-----	95	90	99	93	89	97	99	96	99	99
15 YEARS-----	98	98	99	99	89	97	99	96	99	100
20 YEARS-----	98	98	99	99	89	97	99	96	99	100
4 WEEKS OR MORE-----	98	82	99	92	89	97	99	95	99	96
10 YEARS-----	-	1	5	-	-	(9)	-	-	-	-
15 YEARS-----	59	54	62	24	78	16	46	64	58	59
20 YEARS-----	98	82	99	92	89	97	97	95	100	98
25 YEARS-----	98	82	99	92	89	97	100	95	100	98
5 WEEKS OR MORE-----	92	56	79	89	82	90	96	82	93	90
15 YEARS-----	-	1	-	-	-	-	5	-	-	-
20 YEARS-----	6	4	27	4	4	3	20	12	9	9
25 YEARS-----	91	56	79	88	82	90	94	82	76	90
30 YEARS-----	92	56	79	89	82	90	96	82	93	90
6 WEEKS OR MORE-----	-	1	-	-	(9)	-	33	1	8	1
20 YEARS-----	-	-	-	-	-	-	5	-	-	-
25 YEARS-----	-	1	-	-	(9)	-	16	1	8	1
30 YEARS-----	-	1	-	-	(9)	-	32	1	8	1

See footnotes at end of B-series tables.

**Table B-13. Paid vacation provisions<sup>10</sup> for full-time workers, January through December 1977—public utilities—Continued**

(All full-time workers=100 percent)

AMOUNT OF VACATION PAY <sup>11</sup> AND SERVICE PERIOD	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE- EVERETT
PERCENT OF PLANT WORKERS										
2 WEEKS OR MORE-----	100	100	100	100	100	100	100	100	98	100
1 YEAR-----	41	35	51	48	55	63	22	46	87	57
3 YEARS-----	100	96	100	100	100	100	100	100	98	100
5 YEARS-----	100	100	100	100	100	100	100	100	98	100
3 WEEKS OR MORE-----	100	100	100	100	99	100	100	100	98	96
5 YEARS-----	16	12	-	19	3	23	14	6	16	29
10 YEARS-----	100	96	89	100	99	97	100	100	98	96
15 YEARS-----	100	100	100	100	99	100	100	100	98	96
20 YEARS-----	100	100	100	100	99	100	100	100	98	96
4 WEEKS OR MORE-----	98	96	98	100	99	100	97	100	97	96
10 YEARS-----	-	-	-	5	-	3	-	1	-	2
15 YEARS-----	60	43	66	59	56	70	54	25	18	70
20 YEARS-----	98	96	87	100	99	100	97	100	97	96
25 YEARS-----	98	96	98	100	99	100	97	100	97	96
5 WEEKS OR MORE-----	84	79	90	59	89	89	92	95	93	84
15 YEARS-----	-	-	-	-	-	-	2	-	-	2
20 YEARS-----	19	20	19	23	14	37	26	10	14	35
25 YEARS-----	84	79	87	59	76	76	92	95	70	84
30 YEARS-----	84	79	90	59	89	89	92	95	93	84
6 WEEKS OR MORE-----	16	6	-	-	4	27	13	-	14	20
20 YEARS-----	-	-	-	-	-	-	2	-	-	-
25 YEARS-----	7	6	-	-	3	19	5	-	14	17
30 YEARS-----	16	6	-	-	3	27	9	-	14	20
PERCENT OF OFFICE WORKERS										
2 WEEKS OR MORE-----	100	100	100	100	100	100	100	100	100	100
1 YEAR-----	52	50	68	51	27	83	37	75	98	74
3 YEARS-----	100	100	100	100	100	100	100	100	100	100
5 YEARS-----	100	100	100	100	100	100	100	100	100	100
3 WEEKS OR MORE-----	100	97	99	100	100	99	98	99	99	100
5 YEARS-----	9	18	1	3	(9)	10	27	1	10	26
10 YEARS-----	98	96	97	98	100	99	97	99	99	100
15 YEARS-----	100	97	99	100	100	99	98	99	99	100
20 YEARS-----	100	97	99	100	100	99	98	99	99	100
4 WEEKS OR MORE-----	97	94	94	100	100	99	95	99	99	97
10 YEARS-----	-	1	-	1	-	1	3	1	-	5
15 YEARS-----	42	44	78	61	22	54	55	7	13	71
20 YEARS-----	97	94	92	100	100	99	95	99	99	97
25 YEARS-----	97	94	94	100	100	99	95	99	99	97
5 WEEKS OR MORE-----	83	93	90	62	89	89	91	99	97	65
15 YEARS-----	-	-	-	-	-	-	3	-	-	3
20 YEARS-----	14	4	13	16	6	10	22	1	9	18
25 YEARS-----	83	93	90	62	80	62	91	99	66	65
30 YEARS-----	83	93	90	62	89	89	91	99	97	65
6 WEEKS OR MORE-----	9	(9)	-	-	(9)	9	26	-	9	14
20 YEARS-----	-	-	-	-	-	-	3	-	-	1
25 YEARS-----	9	(9)	-	-	(9)	8	7	-	9	12
30 YEARS-----	9	(9)	-	-	(9)	9	24	-	9	14

See footnotes at end of B-series tables.

**Table B-14. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—all industries**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARWICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	98	99	99	97	87	95	97	96	99	94
LIFE INSURANCE-----	91	85	97	95	78	91	92	94	98	84
NONCONTRIBUTORY PLANS-----	84	74	78	62	43	72	66	59	68	48
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	56	63	78	66	59	72	66	62	72	60
NONCONTRIBUTORY PLANS-----	54	55	54	43	31	57	47	39	48	35
SICKNESS AND ACCIDENT INSURANCE OR SICK LEAVE OR BOTH <sup>13</sup> -----										
SICKNESS AND ACCIDENT INSURANCE-----	80	44	75	71	51	75	72	75	71	76
NONCONTRIBUTORY PLANS-----	71	31	63	33	29	34	61	37	53	45
SICK LEAVE (FULL PAY AND NO WAITING PERIOD)-----	67	24	47	24	20	27	49	21	33	28
SICK LEAVE (PARTIAL PAY OR WAITING PERIOD)-----	15	25	28	31	32	40	18	35	16	27
LONG-TERM DISABILITY INSURANCE-----	5	1	1	21	9	10	7	18	8	15
NONCONTRIBUTORY PLANS-----	18	8	13	38	14	12	17	22	25	35
HOSPITALIZATION INSURANCE-----	12	3	7	17	7	10	14	10	18	26
NONCONTRIBUTORY PLANS-----	96	99	97	94	87	91	96	94	98	92
SURGICAL INSURANCE-----	82	78	77	52	40	58	67	52	49	44
NONCONTRIBUTORY PLANS-----	96	99	97	94	87	91	96	94	98	92
MEDICAL INSURANCE-----	82	77	77	52	40	58	67	52	49	44
NONCONTRIBUTORY PLANS-----	95	98	95	93	84	89	93	93	97	84
MAJOR MEDICAL INSURANCE-----	82	77	75	49	40	58	67	52	48	41
NONCONTRIBUTORY PLANS-----	70	93	74	92	84	89	91	90	87	82
DENTAL INSURANCE-----	70	72	54	48	38	55	64	51	39	33
NONCONTRIBUTORY PLANS-----	13	16	33	25	10	32	12	24	14	21
RETIREMENT PENSION-----	13	16	30	19	8	32	12	20	12	20
NONCONTRIBUTORY PLANS-----	77	79	86	67	59	66	68	65	85	61
PERCENT OF OFFICE WORKERS	67	75	81	51	51	63	61	57	78	58
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	99	99	99	99	98	100	99	99	100	99
LIFE INSURANCE-----	94	91	96	98	92	99	97	97	99	97
NONCONTRIBUTORY PLANS-----	83	77	72	58	63	93	80	64	77	56
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	69	68	76	77	88	92	62	61	78	74
NONCONTRIBUTORY PLANS-----	64	59	47	44	58	88	51	38	59	38
SICKNESS AND ACCIDENT INSURANCE OR SICK LEAVE OR BOTH <sup>13</sup> -----										
SICKNESS AND ACCIDENT INSURANCE-----	76	83	97	84	88	91	85	88	83	95
NONCONTRIBUTORY PLANS-----	44	24	83	37	35	17	33	24	30	30
SICK LEAVE (FULL PAY AND NO WAITING PERIOD)-----	38	16	77	11	30	16	27	10	16	10
SICK LEAVE (PARTIAL PAY OR WAITING PERIOD)-----	46	72	69	56	69	78	64	69	44	77
LONG-TERM DISABILITY INSURANCE-----	5	1	3	17	9	11	13	12	19	11
NONCONTRIBUTORY PLANS-----	44	45	44	39	32	49	51	51	66	73
HOSPITALIZATION INSURANCE-----	41	24	30	23	19	47	44	30	40	37
NONCONTRIBUTORY PLANS-----	98	99	96	99	98	99	99	99	99	99
SURGICAL INSURANCE-----	87	63	78	49	63	79	78	56	57	42
NONCONTRIBUTORY PLANS-----	98	99	96	99	98	99	99	99	99	99
MEDICAL INSURANCE-----	87	63	78	49	63	79	78	56	57	42
NONCONTRIBUTORY PLANS-----	96	99	96	97	96	98	91	98	98	96
MAJOR MEDICAL INSURANCE-----	86	63	78	48	63	79	72	56	57	42
NONCONTRIBUTORY PLANS-----	93	98	91	97	95	99	97	99	99	99
DENTAL INSURANCE-----	82	59	71	46	60	78	77	55	51	39
NONCONTRIBUTORY PLANS-----	20	14	40	26	15	46	17	21	19	16
RETIREMENT PENSION-----	18	13	33	15	13	46	15	15	17	15
NONCONTRIBUTORY PLANS-----	78	91	93	71	85	83	86	75	86	82
PERCENT OF OFFICE WORKERS	71	88	89	55	73	81	80	64	78	66

See footnotes at end of B-series tables.

**Table B-14. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	96	95	92	96	94	99	99	96	99	98
LIFE INSURANCE-----	98	90	89	90	92	98	96	92	96	96
NONCONTRIBUTORY PLANS-----	81	52	60	70	46	85	80	78	89	87
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	74	67	68	61	60	72	73	75	76	79
NONCONTRIBUTORY PLANS-----	67	37	43	42	23	60	62	65	71	69
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	83	71	71	81	66	94	90	84	90	90
SICKNESS AND ACCIDENT INSURANCE-----	67	43	40	57	36	87	74	79	84	80
NONCONTRIBUTORY PLANS-----	59	22	23	45	16	85	65	70	77	74
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	26	25	33	22	23	5	22	12	14	20
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	12	12	17	18	17	2	12	6	4	7
LONG-TERM DISABILITY INSURANCE-----	26	25	27	36	17	18	26	21	29	48
NONCONTRIBUTORY PLANS-----	22	20	18	31	7	15	19	18	25	42
HOSPITALIZATION INSURANCE-----	95	87	88	95	90	98	99	95	97	97
NONCONTRIBUTORY PLANS-----	74	46	52	69	37	92	76	78	86	87
SURGICAL INSURANCE-----	95	87	88	95	90	98	99	95	97	97
NONCONTRIBUTORY PLANS-----	74	46	52	69	37	92	75	76	86	87
MEDICAL INSURANCE-----	92	86	87	94	89	97	96	91	95	97
NONCONTRIBUTORY PLANS-----	73	45	52	69	37	91	74	73	85	87
MAJOR MEDICAL INSURANCE-----	76	85	87	83	87	89	91	77	71	81
NONCONTRIBUTORY PLANS-----	58	44	52	59	34	82	67	60	63	71
DENTAL INSURANCE-----	25	15	28	31	14	51	39	26	43	65
NONCONTRIBUTORY PLANS-----	23	15	25	27	11	47	36	25	41	58
RETIREMENT PENSION-----	84	57	63	72	46	88	85	83	91	86
NONCONTRIBUTORY PLANS-----	65	46	51	65	30	81	75	69	84	82
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	99	99	99	99	99	99	99	99	99	99
LIFE INSURANCE-----	97	98	98	99	92	95	97	97	96	98
NONCONTRIBUTORY PLANS-----	78	65	60	76	59	77	71	74	79	85
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	74	78	81	76	70	54	78	85	78	80
NONCONTRIBUTORY PLANS-----	57	50	48	55	42	44	59	65	65	71
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	85	77	88	87	78	91	90	93	88	92
SICKNESS AND ACCIDENT INSURANCE-----	35	32	40	49	17	41	48	74	49	36
NONCONTRIBUTORY PLANS-----	30	14	16	35	7	39	35	57	40	31
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	61	48	59	68	55	71	60	69	69	71
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	14	14	17	5	11	9	12	9	8	4
LONG-TERM DISABILITY INSURANCE-----	54	44	53	65	56	38	55	51	56	57
NONCONTRIBUTORY PLANS-----	47	30	30	50	32	29	31	41	46	52
HOSPITALIZATION INSURANCE-----	99	96	96	99	98	99	98	98	99	99
NONCONTRIBUTORY PLANS-----	58	53	47	66	33	73	57	68	69	90
SURGICAL INSURANCE-----	99	96	96	99	98	99	98	98	99	99
NONCONTRIBUTORY PLANS-----	58	53	47	66	33	73	56	68	69	90
MEDICAL INSURANCE-----	98	94	95	99	97	97	95	98	98	99
NONCONTRIBUTORY PLANS-----	58	53	47	66	33	70	56	67	69	90
MAJOR MEDICAL INSURANCE-----	93	96	94	97	98	99	95	95	94	90
NONCONTRIBUTORY PLANS-----	55	53	47	57	31	86	50	63	66	80
DENTAL INSURANCE-----	21	22	23	35	31	29	29	25	29	57
NONCONTRIBUTORY PLANS-----	19	20	20	18	11	27	22	17	25	49
RETIREMENT PENSION-----	78	75	79	83	78	95	80	91	92	93
NONCONTRIBUTORY PLANS-----	64	72	65	78	64	77	68	80	84	83

See footnotes at end of B-series tables.

**Table B-14. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE- EVERETT
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST 1 OF THE BENEFITS SHOWN BELOW-----	96	96	98	99	99	95	100	95	98	97
LIFE INSURANCE-----	92	90	98	95	96	91	88	87	93	90
NONCONTRIBUTORY PLANS-----	78	64	82	36	75	76	73	80	83	80
ACCIDENTAL DEATH AND DISMEMBERMENT INSURANCE-----	84	74	91	69	75	82	71	81	86	82
NONCONTRIBUTORY PLANS-----	70	55	77	32	58	70	63	73	79	77
SICKNESS AND ACCIDENT INSURANCE OR SICK LEAVE OR BOTH <sup>13</sup> -----	91	82	95	85	90	85	89	60	64	83
SICKNESS AND ACCIDENT INSURANCE-----	84	69	93	70	39	48	74	16	9	71
NONCONTRIBUTORY PLANS-----	72	46	83	23	32	41	71	15	8	65
SICK LEAVE (FULL PAY AND NO WAITING PERIOD)-----	8	15	19	25	23	35	23	33	43	25
SICK LEAVE (PARTIAL PAY OR WAITING PERIOD)-----	5	18	2	42	50	29	21	21	18	22
LONG-TERM DISABILITY INSURANCE-----	42	33	14	10	42	27	17	26	27	33
NONCONTRIBUTORY PLANS-----	40	25	13	4	38	21	7	17	24	25
HOSPITALIZATION INSURANCE-----	92	93	98	98	99	94	99	95	97	97
NONCONTRIBUTORY PLANS-----	73	54	85	25	74	67	87	80	87	86
SURGICAL INSURANCE-----	92	93	98	98	99	94	99	95	97	97
NONCONTRIBUTORY PLANS-----	73	54	85	25	74	67	87	80	87	86
MEDICAL INSURANCE-----	92	93	98	97	98	93	99	93	95	96
NONCONTRIBUTORY PLANS-----	73	54	85	25	74	67	87	80	86	86
MAJOR MEDICAL INSURANCE-----	57	89	83	98	99	89	98	95	87	94
NONCONTRIBUTORY PLANS-----	38	51	69	25	74	63	86	78	77	84
DENTAL INSURANCE-----	42	37	36	47	47	45	70	69	67	79
NONCONTRIBUTORY PLANS-----	41	34	35	24	44	37	67	67	64	76
RETIREMENT PENSION-----	91	67	83	78	77	81	87	75	75	86
NONCONTRIBUTORY PLANS-----	88	58	77	73	75	72	85	69	68	76
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST 1 OF THE BENEFITS SHOWN BELOW-----	99	99	100	100	99	99	100	99	99	99
LIFE INSURANCE-----	98	98	99	99	98	98	98	92	98	98
NONCONTRIBUTORY PLANS-----	82	75	68	57	75	79	71	78	88	62
ACCIDENTAL DEATH AND DISMEMBERMENT INSURANCE-----	89	89	69	65	78	85	82	86	83	80
NONCONTRIBUTORY PLANS-----	72	52	45	43	60	64	62	76	73	60
SICKNESS AND ACCIDENT INSURANCE OR SICK LEAVE OR BOTH <sup>13</sup> -----	92	96	95	90	80	94	94	94	95	98
SICKNESS AND ACCIDENT INSURANCE-----	73	44	54	47	29	33	48	36	4	63
NONCONTRIBUTORY PLANS-----	59	36	44	12	21	26	39	33	3	36
SICK LEAVE (FULL PAY AND NO WAITING PERIOD)-----	45	77	81	41	43	72	75	87	86	82
SICK LEAVE (PARTIAL PAY OR WAITING PERIOD)-----	17	7	3	43	29	16	12	5	9	10
LONG-TERM DISABILITY INSURANCE-----	41	69	42	25	60	58	49	57	53	74
NONCONTRIBUTORY PLANS-----	38	55	29	19	49	37	30	53	44	37
HOSPITALIZATION INSURANCE-----	99	99	100	99	99	99	99	99	99	99
NONCONTRIBUTORY PLANS-----	73	49	73	33	70	64	69	61	70	64
SURGICAL INSURANCE-----	99	99	100	99	99	99	99	99	99	99
NONCONTRIBUTORY PLANS-----	73	49	73	33	70	64	70	61	70	64
MEDICAL INSURANCE-----	98	99	99	99	98	99	99	99	99	98
NONCONTRIBUTORY PLANS-----	72	49	73	33	70	64	70	61	70	64
MAJOR MEDICAL INSURANCE-----	99	98	100	99	99	98	99	99	98	99
NONCONTRIBUTORY PLANS-----	59	48	57	32	70	63	67	60	68	64
DENTAL INSURANCE-----	27	27	35	56	42	40	71	69	62	74
NONCONTRIBUTORY PLANS-----	26	24	35	30	39	30	50	44	48	54
RETIREMENT PENSION-----	95	76	87	86	78	88	85	84	85	90
NONCONTRIBUTORY PLANS-----	89	64	83	77	73	78	81	72	76	77

See footnotes at end of B-series tables.

**Table B-15. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—manufacturing**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARWICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	100	100	100	100	100	100	100	99	100	98
LIFE INSURANCE-----	93	86	100	100	91	100	97	99	99	93
NONCONTRIBUTORY PLANS-----	88	75	86	70	85	86	75	66	71	62
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	54	66	79	71	79	96	66	60	74	57
NONCONTRIBUTORY PLANS-----	53	56	61	49	73	82	51	41	50	41
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	82	41	73	86	53	79	75	85	73	86
SICKNESS AND ACCIDENT INSURANCE-----	78	32	63	44	42	65	70	52	61	64
NONCONTRIBUTORY PLANS-----	73	25	51	44	42	59	58	29	38	45
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	9	17	23	26	42	20	16	30	11	15
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	3	-	-	20	-	-	5	20	6	11
LONG-TERM DISABILITY INSURANCE-----	15	8	13	62	5	2	17	27	24	31
NONCONTRIBUTORY PLANS-----	8	3	9	34	-	2	16	14	17	26
HOSPITALIZATION INSURANCE-----	99	100	100	100	100	100	100	98	99	98
NONCONTRIBUTORY PLANS-----	85	79	84	66	94	84	74	66	51	61
SURGICAL INSURANCE-----	99	100	100	100	100	100	100	98	99	98
NONCONTRIBUTORY PLANS-----	85	78	84	66	94	84	74	66	51	61
MEDICAL INSURANCE-----	98	100	98	100	100	100	97	98	99	82
NONCONTRIBUTORY PLANS-----	84	78	82	57	94	84	73	66	51	55
MAJOR MEDICAL INSURANCE-----	85	94	71	98	100	100	95	97	87	75
NONCONTRIBUTORY PLANS-----	72	73	55	55	94	84	71	65	38	38
DENTAL INSURANCE-----	6	12	36	35	-	59	12	26	11	23
NONCONTRIBUTORY PLANS-----	6	12	35	24	-	59	11	22	11	23
RETIREMENT PENSION-----	83	82	89	83	78	90	71	81	91	71
NONCONTRIBUTORY PLANS-----	72	80	87	67	73	90	65	72	84	69
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	98	100	99	100	100	100	100	100	100	98
LIFE INSURANCE-----	93	85	99	100	94	100	99	99	99	98
NONCONTRIBUTORY PLANS-----	80	72	83	70	77	90	87	68	65	67
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	71	73	80	88	89	98	56	67	86	77
NONCONTRIBUTORY PLANS-----	68	57	63	55	72	88	48	46	56	61
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	90	72	94	85	87	95	91	80	75	89
SICKNESS AND ACCIDENT INSURANCE-----	70	37	71	8	76	64	44	34	55	61
NONCONTRIBUTORY PLANS-----	61	26	63	8	76	64	36	19	39	41
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	38	53	63	71	65	85	62	59	26	59
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	3	-	-	11	-	-	18	7	5	1
LONG-TERM DISABILITY INSURANCE-----	35	23	51	66	26	6	49	43	66	62
NONCONTRIBUTORY PLANS-----	31	15	29	31	-	6	42	18	26	45
HOSPITALIZATION INSURANCE-----	97	100	99	100	100	100	100	100	99	98
NONCONTRIBUTORY PLANS-----	81	68	81	61	82	79	78	68	54	50
SURGICAL INSURANCE-----	97	100	99	100	100	100	100	100	99	98
NONCONTRIBUTORY PLANS-----	81	67	81	61	82	79	78	68	54	50
MEDICAL INSURANCE-----	96	100	99	100	100	100	98	100	99	81
NONCONTRIBUTORY PLANS-----	80	67	81	53	82	79	77	68	54	46
MAJOR MEDICAL INSURANCE-----	95	96	87	93	100	100	97	99	99	93
NONCONTRIBUTORY PLANS-----	76	62	64	45	82	79	77	68	38	24
DENTAL INSURANCE-----	7	8	47	37	-	58	28	26	22	28
NONCONTRIBUTORY PLANS-----	5	8	46	25	-	58	24	19	21	28
RETIREMENT PENSION-----	74	90	93	80	88	75	88	83	91	84
NONCONTRIBUTORY PLANS-----	61	87	90	59	63	75	84	63	89	80

See footnotes at end of B-series tables.



**Table B-15. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	100	96	96	100	100	100	100	100	99	100
LIFE INSURANCE-----	100	96	93	97	99	100	98	97	99	98
NONCONTRIBUTORY PLANS-----	94	62	66	90	56	87	84	85	95	92
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	81	73	84	56	72	73	73	82	80	81
NONCONTRIBUTORY PLANS-----	76	41	57	42	43	58	62	72	77	76
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	96	81	81	90	76	99	91	96	93	94
SICKNESS AND ACCIDENT INSURANCE-----	87	72	51	69	52	98	83	94	93	90
NONCONTRIBUTORY PLANS-----	81	41	35	57	32	96	74	83	89	86
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	31	10	39	4	27	(9)	11	11	7	15
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	5	-	20	28	9	1	9	4	(9)	5
LONG-TERM DISABILITY INSURANCE-----	26	26	33	43	23	19	28	25	39	58
NONCONTRIBUTORY PLANS-----	24	23	23	43	21	16	21	22	35	55
HOSPITALIZATION INSURANCE-----	100	92	96	100	100	100	100	100	99	100
NONCONTRIBUTORY PLANS-----	87	56	65	89	59	97	84	86	94	95
SURGICAL INSURANCE-----	100	92	96	100	100	100	100	100	99	100
NONCONTRIBUTORY PLANS-----	87	56	65	89	59	97	84	86	94	95
MEDICAL INSURANCE-----	99	92	96	100	100	98	99	99	99	100
NONCONTRIBUTORY PLANS-----	86	56	65	89	59	96	83	85	94	95
MAJOR MEDICAL INSURANCE-----	80	89	96	85	97	95	92	80	65	81
NONCONTRIBUTORY PLANS-----	66	55	65	74	54	92	76	66	62	74
DENTAL INSURANCE-----	31	19	31	38	14	56	34	23	47	75
NONCONTRIBUTORY PLANS-----	30	18	29	38	14	54	31	22	45	69
RETIREMENT PENSION-----	95	71	84	84	45	94	89	91	96	95
NONCONTRIBUTORY PLANS-----	72	62	75	81	32	90	80	78	90	92
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	100	98	99	100	100	100	100	100	99	100
LIFE INSURANCE-----	99	98	98	99	98	100	99	95	98	99
NONCONTRIBUTORY PLANS-----	89	59	57	95	62	86	80	78	89	93
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	83	88	82	70	77	57	82	81	74	88
NONCONTRIBUTORY PLANS-----	73	49	43	39	51	42	62	66	69	82
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	94	75	91	95	81	97	95	94	91	95
SICKNESS AND ACCIDENT INSURANCE-----	63	50	61	70	34	72	64	84	68	44
NONCONTRIBUTORY PLANS-----	58	13	30	63	25	71	53	60	64	43
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	65	36	62	73	49	77	56	73	66	72
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	13	-	15	6	10	1	13	2	9	2
LONG-TERM DISABILITY INSURANCE-----	43	36	55	67	39	24	52	40	51	78
NONCONTRIBUTORY PLANS-----	31	26	26	34	32	23	32	28	36	76
HOSPITALIZATION INSURANCE-----	100	97	99	100	100	100	99	97	99	100
NONCONTRIBUTORY PLANS-----	84	46	55	94	66	98	76	78	85	97
SURGICAL INSURANCE-----	100	97	99	100	100	100	99	97	99	100
NONCONTRIBUTORY PLANS-----	84	46	55	94	66	98	76	78	85	97
MEDICAL INSURANCE-----	99	97	99	100	100	96	98	98	99	100
NONCONTRIBUTORY PLANS-----	83	46	55	94	66	93	75	77	85	97
MAJOR MEDICAL INSURANCE-----	94	97	99	90	99	100	93	94	95	84
NONCONTRIBUTORY PLANS-----	77	48	55	85	57	97	64	72	77	78
DENTAL INSURANCE-----	24	24	23	47	24	50	34	23	40	77
NONCONTRIBUTORY PLANS-----	19	17	20	46	24	50	30	14	36	71
RETIREMENT PENSION-----	86	80	89	93	49	96	89	88	95	96
NONCONTRIBUTORY PLANS-----	63	73	82	93	37	92	74	68	88	91

See footnotes at end of B-series tables.

**Table B-15. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	100	100	100	100	100	100	100	100	100	100
LIFE INSURANCE-----	100	94	100	100	100	99	90	99	96	91
NONCONTRIBUTORY PLANS-----	85	68	85	34	91	90	70	92	94	90
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	94	75	97	68	60	92	83	94	90	91
NONCONTRIBUTORY PLANS-----	80	59	82	32	51	83	76	83	90	91
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	100	92	98	93	98	94	96	63	71	96
SICKNESS AND ACCIDENT INSURANCE-----	98	86	98	90	53	52	89	14	6	87
NONCONTRIBUTORY PLANS-----	85	56	89	28	47	48	87	14	5	87
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	5	9	18	21	25	34	24	20	62	36
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	1	24	-	55	43	30	11	28	3	9
LONG-TERM DISABILITY INSURANCE-----	55	48	11	4	60	25	19	36	17	43
NONCONTRIBUTORY PLANS-----	53	35	11	3	60	19	5	17	16	40
HOSPITALIZATION INSURANCE-----	98	100	100	100	100	100	100	100	98	100
NONCONTRIBUTORY PLANS-----	85	67	90	26	85	84	93	95	97	98
SURGICAL INSURANCE-----	98	100	100	100	100	100	100	100	98	100
NONCONTRIBUTORY PLANS-----	85	67	90	26	85	84	93	95	97	98
MEDICAL INSURANCE-----	97	100	100	100	100	100	100	100	98	100
NONCONTRIBUTORY PLANS-----	85	66	90	26	85	84	93	95	97	98
MAJOR MEDICAL INSURANCE-----	51	97	81	100	100	92	99	100	77	96
NONCONTRIBUTORY PLANS-----	38	64	71	26	85	76	92	87	77	94
DENTAL INSURANCE-----	51	39	35	63	57	46	67	68	83	90
NONCONTRIBUTORY PLANS-----	51	36	35	30	47	31	65	68	83	87
RETIREMENT PENSION-----	99	87	88	94	100	83	92	87	84	87
NONCONTRIBUTORY PLANS-----	98	73	86	92	98	79	90	80	75	86
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	100	100	100	100	100	99	100	100	100	100
LIFE INSURANCE-----	100	98	100	100	100	99	98	100	98	99
NONCONTRIBUTORY PLANS-----	81	53	81	38	59	91	63	82	90	86
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	98	90	64	66	67	90	91	95	97	87
NONCONTRIBUTORY PLANS-----	74	47	45	37	32	82	76	74	89	81
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	95	94	100	97	81	98	89	95	99	99
SICKNESS AND ACCIDENT INSURANCE-----	90	76	48	72	46	39	62	16	4	82
NONCONTRIBUTORY PLANS-----	74	45	39	11	19	36	61	16	-	18
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	58	51	88	33	49	73	67	80	98	96
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	(9)	18	2	58	18	21	10	12	1	2
LONG-TERM DISABILITY INSURANCE-----	44	69	41	7	35	49	47	49	32	87
NONCONTRIBUTORY PLANS-----	39	44	21	6	29	34	25	38	21	26
HOSPITALIZATION INSURANCE-----	99	100	100	100	100	99	98	100	99	100
NONCONTRIBUTORY PLANS-----	77	65	89	30	81	90	93	82	96	88
SURGICAL INSURANCE-----	99	100	100	100	100	99	100	100	99	100
NONCONTRIBUTORY PLANS-----	77	65	89	30	81	90	95	82	96	88
MEDICAL INSURANCE-----	98	100	100	100	100	99	100	100	99	100
NONCONTRIBUTORY PLANS-----	76	64	89	30	81	90	95	82	96	88
MAJOR MEDICAL INSURANCE-----	98	96	100	100	100	98	100	100	99	99
NONCONTRIBUTORY PLANS-----	53	64	59	30	81	82	94	76	93	88
DENTAL INSURANCE-----	30	36	44	71	29	51	64	63	82	94
NONCONTRIBUTORY PLANS-----	28	26	44	36	23	32	59	63	82	81
RETIREMENT PENSION-----	98	87	88	94	94	87	92	98	92	94
NONCONTRIBUTORY PLANS-----	91	62	87	93	75	79	84	86	77	85

See footnotes at end of B-series tables.

**Table B-16. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—nonmanufacturing**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARWICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST 1 OF THE BENEFITS SHOWN BELOW-----	93	97	98	94	83	92	89	94	98	90
LIFE INSURANCE-----	83	80	86	91	74	86	77	90	92	76
NONCONTRIBUTORY PLANS-----	71	70	49	56	28	62	39	54	61	36
ACCIDENTAL DEATH AND DISMEMBERMENT INSURANCE-----	63	56	73	62	52	56	64	64	65	62
NONCONTRIBUTORY PLANS-----	57	50	27	38	16	41	35	38	42	29
SICKNESS AND ACCIDENT INSURANCE OR SICK LEAVE OR BOTH <sup>3</sup> -----	73	65	84	60	50	72	61	68	66	67
SICKNESS AND ACCIDENT INSURANCE-----	52	27	65	25	23	13	33	26	29	29
NONCONTRIBUTORY PLANS-----	47	20	34	10	11	5	20	15	16	14
SICK LEAVE (FULL PAY AND NO WAITING PERIOD)-----	32	55	43	34	29	53	25	39	31	37
SICK LEAVE (PARTIAL PAY OR WAITING PERIOD)-----	11	3	4	22	12	17	11	16	13	18
LONG-TERM DISABILITY INSURANCE-----	26	10	14	19	17	19	17	19	27	39
NONCONTRIBUTORY PLANS-----	24	4	2	5	9	15	6	8	20	26
HOSPITALIZATION INSURANCE-----	87	94	88	90	82	85	84	90	94	88
NONCONTRIBUTORY PLANS-----	75	74	50	42	21	40	47	43	43	29
SURGICAL INSURANCE-----	87	94	88	90	82	85	84	90	94	88
NONCONTRIBUTORY PLANS-----	75	74	50	42	21	40	47	43	43	29
MEDICAL INSURANCE-----	85	93	87	88	78	81	80	89	89	86
NONCONTRIBUTORY PLANS-----	74	74	50	42	21	40	47	43	40	29
MAJOR MEDICAL INSURANCE-----	74	89	86	88	79	81	78	85	86	88
NONCONTRIBUTORY PLANS-----	63	69	49	43	18	36	41	40	42	29
DENTAL INSURANCE-----	34	30	23	17	14	14	13	23	21	19
NONCONTRIBUTORY PLANS-----	32	30	12	14	11	14	13	18	12	16
RETIREMENT PENSION-----	59	68	73	55	52	49	60	54	68	53
NONCONTRIBUTORY PLANS-----	51	56	59	39	43	44	48	46	59	49
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST 1 OF THE BENEFITS SHOWN BELOW-----	99	99	99	99	98	100	99	99	100	99
LIFE INSURANCE-----	94	95	93	98	91	99	94	97	99	97
NONCONTRIBUTORY PLANS-----	85	81	63	55	59	94	72	63	83	54
ACCIDENTAL DEATH AND DISMEMBERMENT INSURANCE-----	67	65	72	75	88	90	68	59	73	73
NONCONTRIBUTORY PLANS-----	61	60	34	41	55	88	54	36	60	34
SICKNESS AND ACCIDENT INSURANCE OR SICK LEAVE OR BOTH <sup>3</sup> -----	67	91	99	84	88	90	78	90	87	96
SICKNESS AND ACCIDENT INSURANCE-----	25	15	92	45	25	5	22	21	17	25
NONCONTRIBUTORY PLANS-----	22	9	87	12	19	5	17	8	4	4
SICK LEAVE (FULL PAY AND NO WAITING PERIOD)-----	51	85	73	52	70	76	66	71	54	80
SICK LEAVE (PARTIAL PAY OR WAITING PERIOD)-----	6	2	5	19	12	13	7	14	26	13
LONG-TERM DISABILITY INSURANCE-----	50	60	39	32	34	59	53	53	65	75
NONCONTRIBUTORY PLANS-----	49	30	30	20	24	57	45	33	48	35
HOSPITALIZATION INSURANCE-----	98	99	94	98	98	99	99	99	99	99
NONCONTRIBUTORY PLANS-----	91	60	75	46	58	78	78	53	59	41
SURGICAL INSURANCE-----	98	99	94	98	98	99	99	99	99	99
NONCONTRIBUTORY PLANS-----	91	60	75	46	58	78	78	53	59	41
MEDICAL INSURANCE-----	96	99	93	96	95	97	84	98	97	99
NONCONTRIBUTORY PLANS-----	89	60	75	46	58	78	67	53	58	41
MAJOR MEDICAL INSURANCE-----	92	99	95	98	93	98	97	99	99	99
NONCONTRIBUTORY PLANS-----	85	56	77	47	54	78	76	51	59	41
DENTAL INSURANCE-----	29	18	34	23	19	42	7	20	17	14
NONCONTRIBUTORY PLANS-----	27	17	24	12	16	42	4	14	16	13
RETIREMENT PENSION-----	81	92	93	69	84	85	83	73	84	82
NONCONTRIBUTORY PLANS-----	78	89	88	54	76	83	76	65	71	64

See footnotes at end of B-series tables.

**Table B-16. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—nonmanufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	88	94	90	92	91	94	99	91	96	92
LIFE INSURANCE-----	82	87	87	82	88	91	94	83	92	91
NONCONTRIBUTORY PLANS-----	56	47	56	49	40	79	74	67	76	71
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	59	64	59	66	53	70	73	64	69	71
NONCONTRIBUTORY PLANS-----	49	35	35	42	12	67	63	53	59	49
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	59	66	64	71	61	76	88	64	85	76
SICKNESS AND ACCIDENT INSURANCE-----	29	31	33	45	28	52	61	54	68	48
NONCONTRIBUTORY PLANS-----	15	14	16	32	7	47	50	47	55	34
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	17	32	30	40	21	23	38	13	27	35
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	26	17	14	8	21	7	16	10	10	15
LONG-TERM DISABILITY INSURANCE-----	25	24	23	28	14	15	25	14	9	15
NONCONTRIBUTORY PLANS-----	17	18	15	18	(9)	10	16	11	7	2
HOSPITALIZATION INSURANCE-----	85	85	83	90	85	92	98	87	94	88
NONCONTRIBUTORY PLANS-----	49	41	44	49	26	75	63	65	73	59
SURGICAL INSURANCE-----	85	85	83	90	85	92	98	87	92	88
NONCONTRIBUTORY PLANS-----	49	41	44	49	26	75	62	61	71	59
MEDICAL INSURANCE-----	79	84	82	87	83	91	91	78	89	86
NONCONTRIBUTORY PLANS-----	47	41	44	49	26	75	59	53	70	59
MAJOR MEDICAL INSURANCE-----	69	83	82	81	82	70	89	72	82	84
NONCONTRIBUTORY PLANS-----	41	40	44	42	24	51	53	50	63	59
DENTAL INSURANCE-----	12	13	26	24	14	32	48	31	35	32
NONCONTRIBUTORY PLANS-----	11	13	23	15	9	23	42	28	34	23
RETIREMENT PENSION-----	62	51	50	59	47	67	79	71	81	55
NONCONTRIBUTORY PLANS-----	50	39	37	47	30	52	68	55	73	50
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	98	99	99	99	99	99	99	99	99	99
LIFE INSURANCE-----	96	98	98	99	91	98	96	99	95	98
NONCONTRIBUTORY PLANS-----	71	66	60	71	59	68	67	70	72	75
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	69	77	81	78	69	51	76	89	81	70
NONCONTRIBUTORY PLANS-----	48	50	49	60	40	45	57	63	62	58
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	79	77	87	86	77	86	87	93	86	88
SICKNESS AND ACCIDENT INSURANCE-----	19	29	36	43	14	13	40	67	34	26
NONCONTRIBUTORY PLANS-----	15	15	13	27	3	11	26	56	22	16
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	59	49	59	67	56	65	62	65	72	70
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	14	16	17	5	11	16	12	15	8	7
LONG-TERM DISABILITY INSURANCE-----	60	45	53	64	59	51	57	59	59	32
NONCONTRIBUTORY PLANS-----	55	31	31	54	32	35	31	50	54	24
HOSPITALIZATION INSURANCE-----	98	96	96	99	98	99	97	99	98	98
NONCONTRIBUTORY PLANS-----	44	54	45	58	26	50	47	61	57	82
SURGICAL INSURANCE-----	98	96	96	99	98	99	97	99	98	98
NONCONTRIBUTORY PLANS-----	44	54	45	58	26	50	47	60	57	82
MEDICAL INSURANCE-----	97	94	94	99	96	98	94	97	97	97
NONCONTRIBUTORY PLANS-----	44	54	45	58	26	50	46	59	57	82
MAJOR MEDICAL INSURANCE-----	93	96	93	99	97	98	96	95	93	98
NONCONTRIBUTORY PLANS-----	43	53	45	49	26	76	44	56	58	82
DENTAL INSURANCE-----	20	22	23	32	32	10	26	27	21	34
NONCONTRIBUTORY PLANS-----	19	21	20	10	9	7	18	20	18	21
RETIREMENT PENSION-----	73	75	77	80	83	94	76	93	89	89
NONCONTRIBUTORY PLANS-----	65	72	61	73	69	64	65	89	81	74

See footnotes at end of B-series tables.

**Table B-16. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—nonmanufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	86	94	93	96	99	91	100	92	98	95
LIFE INSURANCE-----	74	87	91	86	94	86	85	82	92	90
NONCONTRIBUTORY PLANS-----	61	60	72	38	66	67	76	75	77	71
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	59	73	75	72	84	76	59	76	84	73
NONCONTRIBUTORY PLANS-----	48	52	61	33	63	62	50	70	73	65
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	69	76	85	68	86	80	83	59	59	72
SICKNESS AND ACCIDENT INSURANCE-----	51	57	77	32	31	44	59	16	10	58
NONCONTRIBUTORY PLANS-----	38	38	63	13	24	37	54	15	10	46
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	15	20	24	33	21	36	22	39	32	15
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	13	13	7	16	54	28	32	19	27	33
LONG-TERM DISABILITY INSURANCE-----	9	22	26	21	31	28	14	21	33	25
NONCONTRIBUTORY PLANS-----	7	18	20	7	25	22	10	16	28	11
HOSPITALIZATION INSURANCE-----	79	88	93	94	99	90	99	92	97	94
NONCONTRIBUTORY PLANS-----	43	45	67	25	68	56	81	74	82	75
SURGICAL INSURANCE-----	79	88	93	94	99	90	99	92	97	94
NONCONTRIBUTORY PLANS-----	43	45	67	25	68	56	81	74	82	75
MEDICAL INSURANCE-----	78	87	91	91	98	89	99	90	94	92
NONCONTRIBUTORY PLANS-----	43	45	67	24	68	56	81	74	80	75
MAJOR MEDICAL INSURANCE-----	70	84	89	94	99	87	97	92	93	93
NONCONTRIBUTORY PLANS-----	40	42	63	25	68	54	79	74	77	74
DENTAL INSURANCE-----	19	36	40	16	41	44	74	70	58	70
NONCONTRIBUTORY PLANS-----	16	32	35	12	41	40	68	66	53	66
RETIREMENT PENSION-----	71	52	68	47	64	79	80	71	70	85
NONCONTRIBUTORY PLANS-----	63	47	51	36	62	68	78	65	64	68
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	99	99	100	100	99	99	100	99	99	99
LIFE INSURANCE-----	97	98	99	99	98	97	98	90	98	98
NONCONTRIBUTORY PLANS-----	85	78	53	76	78	76	74	77	87	81
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	78	88	76	64	81	84	79	84	77	76
NONCONTRIBUTORY PLANS-----	69	53	45	48	65	59	57	77	66	50
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	88	97	89	83	80	93	96	94	94	97
SICKNESS AND ACCIDENT INSURANCE-----	52	40	61	21	26	31	43	40	4	54
NONCONTRIBUTORY PLANS-----	42	28	49	14	22	24	32	36	4	44
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	29	80	74	50	42	72	78	89	82	75
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	37	6	4	28	32	14	13	4	13	14
LONG-TERM DISABILITY INSURANCE-----	38	69	43	43	65	60	49	59	61	67
NONCONTRIBUTORY PLANS-----	36	56	38	33	53	38	32	56	53	42
HOSPITALIZATION INSURANCE-----	99	99	100	99	99	99	99	99	99	99
NONCONTRIBUTORY PLANS-----	67	47	55	37	68	56	61	57	60	53
SURGICAL INSURANCE-----	99	99	100	99	99	99	99	99	99	99
NONCONTRIBUTORY PLANS-----	67	47	55	37	68	56	61	57	60	53
MEDICAL INSURANCE-----	98	99	99	98	98	99	99	99	98	97
NONCONTRIBUTORY PLANS-----	67	47	55	37	68	56	61	57	59	53
MAJOR MEDICAL INSURANCE-----	99	98	100	97	99	98	99	99	98	99
NONCONTRIBUTORY PLANS-----	65	46	54	35	68	57	57	57	58	53
DENTAL INSURANCE-----	25	25	25	40	44	37	73	70	54	65
NONCONTRIBUTORY PLANS-----	24	24	24	25	42	29	46	41	34	41
RETIREMENT PENSION-----	92	74	85	77	74	88	83	81	82	87
NONCONTRIBUTORY PLANS-----	86	65	78	61	72	78	80	69	76	73

See footnotes at end of B-series tables.

**Table B-17. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—public utilities**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	NORTHEAST			SOUTH						
	NORTHEAST PENNSYLVANIA	PROVIDENCE-WARWICK-PAWTUCKET	UTICA-ROME	CORPUS CHRISTI	DAYTONA BEACH	GAINESVILLE	GREENSBORO-WINSTON-SALEM-HIGH POINT	HOUSTON	HUNTSVILLE	JACKSON
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST 1 OF THE BENEFITS SHOWN BELOW-----	100	100	100	100	100	-	100	100	-	100
LIFE INSURANCE-----	100	100	99	100	100	-	100	100	-	100
NONCONTRIBUTORY PLANS-----	88	91	62	96	70	-	68	79	-	74
ACCIDENTAL DEATH AND DISMEMBERMENT INSURANCE-----	95	96	97	86	93	-	90	78	-	92
NONCONTRIBUTORY PLANS-----	84	87	19	82	63	-	61	47	-	66
SICKNESS AND ACCIDENT INSURANCE OR SICK LEAVE OR BOTH <sup>13</sup> -----	80	86	89	100	100	-	100	88	-	94
NONCONTRIBUTORY PLANS-----	29	82	89	14	18	-	53	22	-	38
SICK LEAVE (FULL PAY AND NO WAITING PERIOD)-----	29	67	54	14	15	-	49	22	-	23
SICK LEAVE (PARTIAL PAY OR WAITING PERIOD)-----	64	70	43	50	45	-	34	42	-	35
LONG-TERM DISABILITY INSURANCE-----	3	5	-	43	55	-	20	32	-	37
NONCONTRIBUTORY PLANS-----	34	-	-	34	55	-	18	14	-	80
HOSPITALIZATION INSURANCE-----	34	-	-	9	55	-	16	11	-	68
NONCONTRIBUTORY PLANS-----	100	100	100	100	100	-	100	100	-	100
SURGICAL INSURANCE-----	100	100	97	72	70	-	98	76	-	68
NONCONTRIBUTORY PLANS-----	100	100	100	100	100	-	100	100	-	100
MEDICAL INSURANCE-----	100	100	97	72	70	-	98	76	-	68
NONCONTRIBUTORY PLANS-----	100	100	97	72	70	-	98	76	-	68
MAJOR MEDICAL INSURANCE-----	97	100	97	100	100	-	100	99	-	100
NONCONTRIBUTORY PLANS-----	97	100	97	73	70	-	98	76	-	68
DENTAL INSURANCE-----	58	68	12	66	62	-	40	59	-	70
NONCONTRIBUTORY PLANS-----	58	68	12	66	62	-	40	56	-	70
RETIREMENT PENSION-----	80	93	97	83	89	-	89	74	-	82
NONCONTRIBUTORY PLANS-----	80	85	92	58	89	-	89	72	-	79
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST 1 OF THE BENEFITS SHOWN BELOW-----	100	99	99	100	100	-	100	100	-	100
LIFE INSURANCE-----	100	96	98	100	100	-	100	99	-	100
NONCONTRIBUTORY PLANS-----	79	95	72	87	72	-	78	67	-	82
ACCIDENTAL DEATH AND DISMEMBERMENT INSURANCE-----	80	70	98	96	99	-	96	74	-	99
NONCONTRIBUTORY PLANS-----	59	70	11	83	71	-	76	47	-	82
SICKNESS AND ACCIDENT INSURANCE OR SICK LEAVE OR BOTH <sup>13</sup> -----	87	87	96	99	100	-	81	95	-	100
NONCONTRIBUTORY PLANS-----	19	44	96	11	7	-	56	2	-	8
SICK LEAVE (FULL PAY AND NO WAITING PERIOD)-----	18	32	70	11	5	-	53	2	-	5
SICK LEAVE (PARTIAL PAY OR WAITING PERIOD)-----	80	87	62	63	33	-	57	79	-	35
LONG-TERM DISABILITY INSURANCE-----	7	-	-	32	67	-	16	15	-	58
NONCONTRIBUTORY PLANS-----	36	4	-	43	67	-	16	40	-	92
HOSPITALIZATION INSURANCE-----	36	4	-	3	67	-	14	29	-	78
NONCONTRIBUTORY PLANS-----	100	99	99	100	100	-	100	100	-	100
SURGICAL INSURANCE-----	100	99	98	47	72	-	98	71	-	78
NONCONTRIBUTORY PLANS-----	100	99	99	100	100	-	100	100	-	100
MEDICAL INSURANCE-----	100	99	98	47	72	-	98	71	-	78
NONCONTRIBUTORY PLANS-----	100	99	98	47	72	-	98	71	-	78
MAJOR MEDICAL INSURANCE-----	96	99	99	100	100	-	100	100	-	100
NONCONTRIBUTORY PLANS-----	96	99	98	48	72	-	98	71	-	78
DENTAL INSURANCE-----	54	54	8	57	68	-	17	30	-	67
NONCONTRIBUTORY PLANS-----	53	54	8	57	68	-	17	28	-	67
RETIREMENT PENSION-----	87	93	98	77	94	-	92	70	-	94
NONCONTRIBUTORY PLANS-----	87	89	92	37	94	-	90	67	-	93

See footnotes at end of B-series tables.

**Table B-17. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—public utilities—Continued**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	SOUTH--CONTINUED					NORTH CENTRAL				
	LOUISVILLE	NEW ORLEANS	OKLAHOMA CITY	RICHMOND	SAN ANTONIO	CANTON	CHICAGO	CINCINNATI	CLEVELAND	DAVENPORT-ROCK ISLAND-MOLINE
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	100	100	99	100	100	100	100	100	100	100
LIFE INSURANCE-----	100	100	99	100	100	100	100	100	100	100
NONCONTRIBUTORY PLANS-----	69	78	91	66	90	82	98	74	91	97
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	97	91	91	70	90	79	94	86	76	72
NONCONTRIBUTORY PLANS-----	67	69	82	66	36	79	93	67	72	69
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	72	74	97	95	92	71	91	87	85	77
SICKNESS AND ACCIDENT INSURANCE-----	26	45	38	67	36	28	80	66	39	28
NONCONTRIBUTORY PLANS-----	22	29	34	56	26	28	65	64	37	19
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	6	25	40	63	7	35	59	15	73	26
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	49	25	37	2	56	14	-	36	2	34
LONG-TERM DISABILITY INSURANCE-----	36	42	54	28	1	40	15	49	9	-
NONCONTRIBUTORY PLANS-----	36	39	51	28	1	30	15	45	9	-
HOSPITALIZATION INSURANCE-----	100	100	99	100	100	100	100	100	100	100
NONCONTRIBUTORY PLANS-----	93	77	91	64	94	97	78	81	98	89
SURGICAL INSURANCE-----	100	100	99	100	100	100	100	100	100	100
NONCONTRIBUTORY PLANS-----	93	77	91	64	94	97	78	81	98	89
MEDICAL INSURANCE-----	100	97	99	100	100	100	100	100	100	100
NONCONTRIBUTORY PLANS-----	93	74	91	64	94	97	78	81	98	89
MAJOR MEDICAL INSURANCE-----	100	97	99	100	100	100	100	100	100	100
NONCONTRIBUTORY PLANS-----	93	74	91	64	94	97	78	81	98	89
DENTAL INSURANCE-----	48	54	85	52	71	54	78	68	76	41
NONCONTRIBUTORY PLANS-----	48	54	85	31	69	54	78	68	76	41
RETIREMENT PENSION-----	72	81	86	65	73	71	81	87	88	71
NONCONTRIBUTORY PLANS-----	45	72	86	31	67	61	71	81	81	63
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST										
1 OF THE BENEFITS SHOWN BELOW-----	100	100	99	100	100	100	100	100	100	100
LIFE INSURANCE-----	100	100	99	100	100	100	100	100	100	100
NONCONTRIBUTORY PLANS-----	87	84	89	73	92	46	99	72	80	98
ACCIDENTAL DEATH AND DISMEMBERMENT										
INSURANCE-----	97	98	97	79	93	43	99	95	93	70
NONCONTRIBUTORY PLANS-----	84	82	86	73	32	43	99	71	80	68
SICKNESS AND ACCIDENT INSURANCE OR										
SICK LEAVE OR BOTH <sup>13</sup> -----	95	70	94	73	98	93	99	89	96	85
SICKNESS AND ACCIDENT INSURANCE-----	11	28	25	57	31	13	54	64	28	27
NONCONTRIBUTORY PLANS-----	9	9	24	50	24	13	43	64	18	26
SICK LEAVE (FULL PAY AND NO										
WAITING PERIOD)-----	37	30	39	60	10	44	87	16	85	60
SICK LEAVE (PARTIAL PAY OR										
WAITING PERIOD)-----	50	32	49	5	61	42	-	42	10	20
LONG-TERM DISABILITY INSURANCE-----	48	54	75	49	(9)	70	15	50	43	6
NONCONTRIBUTORY PLANS-----	48	54	72	49	(9)	28	13	49	43	6
HOSPITALIZATION INSURANCE-----	100	100	99	100	100	100	100	100	97	100
NONCONTRIBUTORY PLANS-----	96	75	89	63	97	96	76	76	87	97
SURGICAL INSURANCE-----	100	100	99	100	100	100	99	100	97	100
NONCONTRIBUTORY PLANS-----	96	75	89	63	97	96	75	76	87	97
MEDICAL INSURANCE-----	100	100	99	100	100	100	99	100	97	100
NONCONTRIBUTORY PLANS-----	96	75	89	63	97	96	75	76	87	97
MAJOR MEDICAL INSURANCE-----	100	100	99	100	100	100	99	97	100	100
NONCONTRIBUTORY PLANS-----	96	75	89	63	97	96	75	73	90	97
DENTAL INSURANCE-----	70	42	86	65	82	20	72	64	65	40
NONCONTRIBUTORY PLANS-----	70	40	83	24	82	20	72	64	65	40
RETIREMENT PENSION-----	65	73	95	35	81	80	66	92	91	86
NONCONTRIBUTORY PLANS-----	53	72	95	8	78	38	55	88	82	80

See footnotes at end of B-series tables.

**Table B-17. Health, insurance, and pension plans<sup>12</sup> for full-time workers, January through December 1977—public utilities—Continued**

(All full-time workers=100 percent)

TYPE OF BENEFIT AND FINANCING	NORTH CENTRAL--CONTINUED				WEST					
	DAYTON	OMAHA	SOUTH BEND	WICHITA	BILLINGS	DENVER-BOULDER	PORTLAND	SACRAMENTO	SAN DIEGO	SEATTLE-EVERETT
PERCENT OF PLANT WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST 1 OF THE BENEFITS SHOWN BELOW-----	100	100	100	100	100	100	100	100	100	100
LIFE INSURANCE-----	100	100	100	95	94	100	83	100	100	96
NONCONTRIBUTORY PLANS-----	98	96	78	72	79	86	71	90	92	80
ACCIDENTAL DEATH AND DISMEMBERMENT INSURANCE-----	100	96	85	76	82	96	71	86	92	74
NONCONTRIBUTORY PLANS-----	98	92	78	70	82	82	68	86	92	68
SICKNESS AND ACCIDENT INSURANCE OR SICK LEAVE OR BOTH <sup>13</sup> -----	90	98	100	98	99	99	100	67	100	90
SICKNESS AND ACCIDENT INSURANCE-----	35	88	85	25	28	56	88	36	3	73
NONCONTRIBUTORY PLANS-----	32	84	85	19	28	56	85	36	3	67
SICK LEAVE (FULL PAY AND NO WAITING PERIOD)-----	31	30	52	41	16	36	15	57	50	33
SICK LEAVE (PARTIAL PAY OR WAITING PERIOD)-----	44	4	18	46	58	30	47	9	50	29
LONG-TERM DISABILITY INSURANCE-----	12	36	44	41	65	45	19	56	79	32
NONCONTRIBUTORY PLANS-----	10	36	29	41	52	44	13	56	71	22
HOSPITALIZATION INSURANCE-----	100	100	100	100	100	100	100	100	100	100
NONCONTRIBUTORY PLANS-----	98	59	75	68	88	82	92	61	92	92
SURGICAL INSURANCE-----	100	100	100	100	100	100	100	100	100	100
NONCONTRIBUTORY PLANS-----	98	59	75	68	88	82	92	61	92	92
MEDICAL INSURANCE-----	100	100	100	94	100	100	100	100	100	100
NONCONTRIBUTORY PLANS-----	98	59	75	62	88	82	92	61	92	92
MAJOR MEDICAL INSURANCE-----	100	100	100	100	100	100	100	100	100	100
NONCONTRIBUTORY PLANS-----	98	59	75	68	88	78	92	60	92	92
DENTAL INSURANCE-----	50	86	50	63	78	80	90	78	97	86
NONCONTRIBUTORY PLANS-----	50	82	50	61	78	80	86	78	97	86
RETIREMENT PENSION-----	97	59	92	87	80	94	86	70	100	92
NONCONTRIBUTORY PLANS-----	97	59	74	87	78	87	83	70	93	70
PERCENT OF OFFICE WORKERS										
IN ESTABLISHMENTS PROVIDING AT LEAST 1 OF THE BENEFITS SHOWN BELOW-----	100	100	100	100	100	100	53	53	39	37
LIFE INSURANCE-----	97	97	100	99	99	99	51	53	39	37
NONCONTRIBUTORY PLANS-----	95	97	85	72	90	73	39	47	39	28
ACCIDENTAL DEATH AND DISMEMBERMENT INSURANCE-----	97	97	86	72	90	98	47	47	39	31
NONCONTRIBUTORY PLANS-----	95	97	85	69	90	71	46	47	38	26
SICKNESS AND ACCIDENT INSURANCE OR SICK LEAVE OR BOTH <sup>13</sup> -----	85	98	100	96	100	99	53	53	39	37
SICKNESS AND ACCIDENT INSURANCE-----	16	30	86	17	5	22	30	36	4	22
NONCONTRIBUTORY PLANS-----	14	29	86	15	5	22	29	36	3	19
SICK LEAVE (FULL PAY AND NO WAITING PERIOD)-----	41	96	83	36	68	54	20	52	18	21
SICK LEAVE (PARTIAL PAY OR WAITING PERIOD)-----	44	-	10	45	27	42	27	(9)	21	14
LONG-TERM DISABILITY INSURANCE-----	3	45	26	58	35	73	16	45	34	21
NONCONTRIBUTORY PLANS-----	2	45	13	58	26	72	6	45	34	16
HOSPITALIZATION INSURANCE-----	100	100	100	100	100	100	53	93	39	37
NONCONTRIBUTORY PLANS-----	97	55	84	66	91	67	43	41	39	32
SURGICAL INSURANCE-----	100	100	100	100	100	100	53	53	39	37
NONCONTRIBUTORY PLANS-----	97	55	84	66	91	67	43	41	39	32
MEDICAL INSURANCE-----	100	100	100	100	100	100	53	53	39	37
NONCONTRIBUTORY PLANS-----	97	55	84	66	91	67	43	41	39	32
MAJOR MEDICAL INSURANCE-----	99	100	100	100	100	100	53	53	39	37
NONCONTRIBUTORY PLANS-----	96	55	82	66	91	65	43	41	39	32
DENTAL INSURANCE-----	41	82	67	63	80	69	50	47	38	28
NONCONTRIBUTORY PLANS-----	41	82	67	60	80	69	41	47	38	28
RETIREMENT PENSION-----	85	50	92	92	42	89	43	46	39	29
NONCONTRIBUTORY PLANS-----	85	50	78	92	42	89	42	46	36	18

See footnotes at end of B-series tables.



**Table B-18. Life insurance plans for full-time workers, January through December 1977—all industries**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	NORTHEAST						SOUTH					
	NORTHEAST PENNSYLVANIA		PROVIDENCE-WARWICK-PAWTUCKET		UTICA-ROME		CORPUS CHRISTI		DAYTONA BEACH		GAINESVILLE	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>PLANT WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	65	60	50	44	57	49	55	39	41	22	25	13
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$4,200	\$4,400	\$4,600	\$4,700	\$5,700	\$6,100	\$6,400	\$7,300	\$5,508	\$3,600	\$4,800	\$3,100
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	4	4	10	10	-	-	2	2	-	-	1	1
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	\$1,900	\$1,900	\$3,800	\$4,000	-	-	-	-	-	-	-	-
AFTER 1 YEAR OF SERVICE-----	2,800	2,800	4,500	4,700	-	-	-	-	-	-	-	-
AFTER 5 YEARS OF SERVICE-----	7,100	7,100	5,800	6,000	-	-	-	-	-	-	-	-
AFTER 10 YEARS OF SERVICE-----	9,000	9,000	6,700	6,800	-	-	-	-	-	-	-	-
AFTER 20 YEARS OF SERVICE-----	9,500	9,500	6,900	7,000	-	-	-	-	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	17	15	10	6	15	6	15	5	15	8	20	14
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$7,400	\$7,700	\$5,400	\$6,000	\$6,600	\$5,100	\$7,800	\$5,900	\$8,508	\$6,400	\$16,400	\$19,700
IF ANNUAL EARNINGS ARE \$10,000-----	10,400	10,600	10,200	11,100	14,500	10,300	13,500	13,100	18,600	14,100	13,800	12,900
IF ANNUAL EARNINGS ARE \$15,000-----	14,500	15,000	13,600	14,300	19,700	13,900	19,700	16,700	28,900	20,600	18,300	15,600
IF ANNUAL EARNINGS ARE \$20,000-----	15,700	15,800	15,100	15,200	22,500	17,700	24,900	21,000	40,200	26,400	20,700	17,100
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	3	2	9	9	23	21	20	16	20	13	35	35
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14,15</sup> ---	1.56	1.55	1.38	1.37	1.50	1.50	1.21	1.23	1.49	1.25	1.68	1.68
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	2	2	6	6	2	2	2	-	2	(9)	9	9

See footnotes at end of B-series tables.

**Table B-18. Life insurance plans for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	SOUTH--CONTINUED											
	GREENSBORO-WINSTON-SALEM-HIGH POINT		HOUSTON		HUNTSVILLE		JACKSON		LOUISVILLE		NEW ORLEANS	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>PLANT WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	62	44	49	31	49	27	45	25	43	38	51	33
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$4,700	\$5,100	\$6,100	\$5,700	\$4,400	\$4,700	\$4,200	\$3,900	\$7,600	\$7,900	\$5,800	\$6,800
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	1	1	2	2	4	4	5	3	4	3	1	1
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	\$2,000	\$2,000	\$2,000	\$1,000	-	-	\$2,500	-	\$4,200	\$3,600	\$1,300	-
AFTER 1 YEAR OF SERVICE-----	2,500	2,500	5,500	2,800	-	-	2,500	\$3,100	4,400	4,100	2,100	-
AFTER 5 YEARS OF SERVICE-----	7,200	7,200	9,000	5,100	-	-	5,000	6,100	6,100	4,800	3,700	-
AFTER 10 YEARS OF SERVICE-----	9,000	9,000	11,400	6,100	-	-	6,100	8,500	7,200	5,600	4,700	-
AFTER 20 YEARS OF SERVICE-----	9,100	9,100	13,900	7,200	-	-	6,800	9,800	7,600	6,300	5,000	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	13	7	15	9	19	13	14	10	20	17	18	7
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$6,700	\$5,700	\$9,200	\$9,600	\$6,300	\$6,300	\$9,500	\$10,600	\$10,200	\$10,400	\$5,900	\$5,600
IF ANNUAL EARNINGS ARE \$10,000-----	13,700	12,600	15,400	15,200	9,700	7,900	14,800	13,000	13,800	13,900	13,200	9,200
IF ANNUAL EARNINGS ARE \$15,000-----	18,800	17,100	21,500	21,300	14,200	11,200	21,700	17,900	18,800	19,600	19,700	13,100
IF ANNUAL EARNINGS ARE \$20,000-----	23,100	21,000	26,600	26,600	17,100	13,800	21,600	22,900	24,600	26,100	25,200	16,500
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	16	15	25	15	25	23	15	11	21	20	15	8
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14 15</sup> ----	1.70	1.70	1.48	1.43	1.35	1.29	1.33	1.20	1.70	1.71	1.56	1.71
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	-	-	2	2	(9)	(9)	(9)	(9)	6	3	4	2

See footnotes at end of B-series tables.

**Table B-18. Life insurance plans for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	SOUTH--CONTINUED						NORTH CENTRAL					
	OKLAHOMA CITY		RICHMOND		SAN ANTONIO		CANTON		CHICAGO		CINCINNATI	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
PLANS WORKERS												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	46	32	41	30	57	28	66	58	56	47	55	51
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> -----	\$5,200	\$5,400	\$4,800	\$5,200	\$3,600	\$3,600	\$7,300	\$7,000	\$5,700	\$5,900	\$5,700	\$5,700
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	4	2	9	9	3	(9)	-	-	6	6	5	5
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	\$3,600	-	\$3,600	\$3,600	-	-	-	-	\$3,400	\$3,700	\$2,300	\$2,100
AFTER 1 YEAR OF SERVICE-----	1,800	-	4,100	4,100	-	-	-	-	6,600	7,000	3,100	2,900
AFTER 5 YEARS OF SERVICE-----	4,300	-	6,100	6,100	-	-	-	-	12,300	13,000	5,200	5,100
AFTER 10 YEARS OF SERVICE-----	6,400	-	6,500	6,500	-	-	-	-	13,600	14,100	7,000	7,000
AFTER 20 YEARS OF SERVICE-----	6,800	-	9,100	9,100	-	-	-	-	14,000	14,500	7,200	7,200
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	20	13	6	2	17	6	22	19	20	16	20	12
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$7,700	\$7,000	\$5,000	\$3,900	\$7,600	\$6,500	\$9,600	\$9,200	\$8,200	\$8,200	\$9,300	\$9,300
IF ANNUAL EARNINGS ARE \$10,000-----	14,600	10,900	10,900	7,000	16,100	13,500	10,500	9,700	12,200	11,100	13,600	11,800
IF ANNUAL EARNINGS ARE \$15,000-----	21,700	17,000	14,400	9,400	23,000	18,600	12,800	11,600	16,600	15,000	18,100	16,400
IF ANNUAL EARNINGS ARE \$20,000-----	29,900	23,600	17,600	11,900	30,200	22,800	14,400	13,100	21,700	19,600	22,300	20,900
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	17	12	32	29	13	10	5	4	11	9	9	7
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14 15</sup> -----	1.46	1.48	1.55	1.55	1.25	1.17	1.18	1.00	1.32	1.32	1.67	1.76
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	2	1	1	-	1	1	1	(9)	3	2	3	3

See footnotes at end of B-series tables.

**Table B-18. Life insurance plans for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	NORTH CENTRAL--CONTINUED											
	CLEVELAND		DAVENPORT-ROCK ISLAND-MOLINE		DAYTON		OMAHA		SOUTH BEND		WICHITA	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>PLANT WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	51	49	43	36	34	29	55	34	80	68	78	29
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$6,400	\$6,500	\$6,500	\$6,700	\$7,500	\$8,000	\$5,700	\$6,000	\$7,100	\$7,000	\$6,300	\$6,600
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	4	4	10	10	1	1	2	2	5	5	-	-
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	\$3,900	\$4,400	\$1,600	\$1,600	-	-	-	-	\$1,800	\$1,800	-	-
AFTER 1 YEAR OF SERVICE-----	3,900	4,300	3,100	3,100	-	-	-	-	2,600	2,600	-	-
AFTER 5 YEARS OF SERVICE-----	6,300	7,100	4,600	4,600	-	-	-	-	3,000	3,000	-	-
AFTER 10 YEARS OF SERVICE-----	8,600	9,700	5,700	5,700	-	-	-	-	3,900	3,900	-	-
AFTER 20 YEARS OF SERVICE-----	8,800	9,900	6,200	6,200	-	-	-	-	4,200	4,200	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	27	26	36	35	41	38	14	11	8	4	11	4
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$9,900	\$9,900	\$11,000	\$11,100	\$10,200	\$10,500	\$6,200	\$5,400	\$7,900	-	\$6,600	\$5,700
IF ANNUAL EARNINGS ARE \$10,000-----	11,800	11,500	11,400	11,200	11,500	11,400	10,800	8,900	12,500	-	13,600	10,800
IF ANNUAL EARNINGS ARE \$15,000-----	16,100	15,600	15,900	15,700	16,500	16,500	15,100	12,700	18,500	-	19,800	15,300
IF ANNUAL EARNINGS ARE \$20,000-----	21,300	20,500	21,100	20,900	22,300	22,200	19,100	15,300	21,100	-	27,000	19,800
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	10	8	6	6	15	9	18	17	1	1	5	2
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14, 15</sup> ----	1.37	1.34	1.37	1.37	1.44	1.64	1.20	1.20	-	-	1.15	1.00
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	2	1	1	(9)	2	2	1	(9)	3	3	1	(9)

See footnotes at end of B-series tables.

**Table B-18. Life insurance plans for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	WEST											
	BILLINGS		DENVER-Boulder		PORTLAND		SACRAMENTO		SAN DIEGO		SEATTLE-EVERETT	
	ALL PLANS	NON-TRIBUTORY PLANS	ALL PLANS	NON-TRIBUTORY PLANS	ALL PLANS	NON-TRIBUTORY PLANS	ALL PLANS	NON-TRIBUTORY PLANS	ALL PLANS	NON-TRIBUTORY PLANS	ALL PLANS	NON-TRIBUTORY PLANS
<b>PLANT WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	58	45	45	41	62	58	59	58	52	48	69	67
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$5,700	\$5,800	\$6,000	\$6,000	\$3,900	\$3,800	\$7,100	\$7,100	\$5,800	\$5,300	\$5,600	\$5,700
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	-	-	3	3	1	1	5	5	9	9	1	1
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	-	-	\$1,900	\$1,900	\$4,300	\$4,300	\$1,600	\$1,600	\$3,700	\$3,700	-	-
AFTER 1 YEAR OF SERVICE-----	-	-	3,900	3,900	5,200	5,200	2,100	2,100	3,800	3,800	\$2,200	\$2,200
AFTER 5 YEARS OF SERVICE-----	-	-	12,800	12,800	6,500	6,500	4,600	4,600	4,600	4,400	6,400	6,400
AFTER 10 YEARS OF SERVICE-----	-	-	16,200	16,200	8,000	8,000	4,900	4,900	7,900	7,900	8,300	8,300
AFTER 20 YEARS OF SERVICE-----	-	-	18,500	18,500	-	-	5,100	5,100	10,800	10,800	9,000	9,000
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	18	13	17	11	15	6	8	5	19	14	4	3
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$6,300	\$6,700	\$7,500	\$8,300	\$8,500	\$7,500	\$8,400	-	\$6,600	\$5,800	\$11,800	\$11,900
IF ANNUAL EARNINGS ARE \$10,000-----	8,300	8,000	13,200	11,900	14,900	11,500	11,900	-	12,900	11,200	11,000	9,300
IF ANNUAL EARNINGS ARE \$15,000-----	9,000	8,000	16,800	15,500	20,400	16,600	16,100	-	17,600	15,400	15,400	13,100
IF ANNUAL EARNINGS ARE \$20,000-----	10,000	8,000	21,700	20,400	26,500	22,700	19,600	-	25,300	22,200	19,900	16,500
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	20	18	22	18	8	7	11	10	7	7	15	8
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14 15</sup> ----	1.12	1.00	1.50	1.45	1.14	1.15	1.31	1.13	1.14	1.14	1.39	1.32
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	-	-	4	3	1	(9)	4	2	6	5	2	2

See footnotes at end of B-series tables.

**Table B-18. Life insurance plans for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	NORTHEAST						SOUTH					
	NORTHEAST PENNSYLVANIA		PROVIDENCE-WARWICK-PAWTUCKET		UTICA-ROME		CORPUS CHRISTI		DAYTONA BEACH		GAINESVILLE	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>OFFICE WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	24	21	26	22	37	23	38	19	8	4	11	9
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> -----	\$4,400	\$4,800	\$5,300	\$5,300	\$5,300	\$5,200	\$5,800	\$6,500	\$6,900	\$4,100	\$3,400	\$2,900
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	2	2	2	2	-	-	2	2	-	-	-	-
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	\$1,500	\$1,500	\$3,200	\$3,200	-	-	-	-	-	-	-	-
AFTER 1 YEAR OF SERVICE-----	3,400	3,400	3,600	3,600	-	-	-	-	-	-	-	-
AFTER 5 YEARS OF SERVICE-----	11,300	11,300	5,100	5,100	-	-	-	-	-	-	-	-
AFTER 10 YEARS OF SERVICE-----	14,200	14,200	8,200	8,200	-	-	-	-	-	-	-	-
AFTER 20 YEARS OF SERVICE-----	15,900	15,900	8,800	8,800	-	-	-	-	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	42	36	9	4	17	8	14	4	27	20	34	31
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$7,700	\$7,700	\$6,600	\$7,400	\$7,200	\$7,300	\$8,100	\$7,300	\$7,200	\$5,200	\$5,900	\$5,400
IF ANNUAL EARNINGS ARE \$10,000-----	14,900	14,700	12,500	13,100	14,900	13,900	14,500	16,200	13,200	11,400	10,200	9,400
IF ANNUAL EARNINGS ARE \$15,000-----	22,800	22,200	17,300	18,300	20,800	20,200	23,000	19,200	18,800	16,600	11,000	9,700
IF ANNUAL EARNINGS ARE \$20,000-----	29,700	28,800	21,000	21,100	24,800	26,400	30,600	22,800	26,800	23,100	11,700	9,900
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	24	22	45	40	40	38	44	34	56	38	50	50
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14,15</sup> -----	1.86	1.88	1.85	1.85	1.80	1.82	1.70	1.70	1.92	1.88	1.70	1.70
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	1	1	9	9	2	2	1	-	1	1	3	3

See footnotes at end of B-series tables.

**Table B-18. Life insurance plans for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	SOUTH--CONTINUED											
	GREENSBORO-WINSTON-SALEM-HIGH POINT		HOUSTON		HUNTSVILLE		JACKSON		LOUISVILLE		NEW ORLEANS	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
OFFICE WORKERS												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	28	20	28	20	25	14	16	11	24	17	34	28
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> -----	\$4,600	\$4,800	\$5,000	\$5,200	\$5,900	\$6,300	\$5,500	\$5,700	\$6,400	\$6,200	\$5,800	\$6,000
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	4	4	3	2	4	4	3	3	1	1	(9)	(9)
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	\$4,400	\$4,400	\$4,000	\$3,600	-	-	\$1,100	\$1,000	\$4,300	-	\$1,600	-
AFTER 1 YEAR OF SERVICE-----	9,500	9,500	6,000	4,200	-	-	1,400	1,400	4,000	\$2,500	2,300	-
AFTER 5 YEARS OF SERVICE-----	16,600	16,600	10,900	8,400	-	-	3,500	3,500	7,300	4,800	7,700	-
AFTER 10 YEARS OF SERVICE-----	20,200	20,200	17,500	14,600	-	-	5,000	5,100	8,500	6,300	9,500	-
AFTER 20 YEARS OF SERVICE-----	24,700	24,700	20,100	12,700	-	-	6,800	7,000	8,500	6,300	10,600	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	22	14	20	13	33	22	20	3	12	11	27	8
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$9,200	\$9,300	\$8,500	\$8,200	\$7,800	\$8,200	\$8,800	\$6,300	\$10,800	\$10,800	\$7,500	\$4,500
IF ANNUAL EARNINGS ARE \$10,000-----	17,200	16,700	17,700	16,300	15,000	14,800	16,600	11,600	14,600	14,600	15,600	7,900
IF ANNUAL EARNINGS ARE \$15,000-----	23,100	22,000	25,100	23,500	24,300	24,200	23,300	16,000	21,200	21,400	23,700	12,500
IF ANNUAL EARNINGS ARE \$20,000-----	29,900	28,700	31,900	30,300	31,000	31,000	30,200	21,100	27,700	28,000	30,600	15,100
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	40	39	46	28	38	36	40	32	36	34	32	26
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14,15</sup> -----	1.91	1.89	1.66	1.51	1.57	1.54	1.58	1.55	1.79	1.78	1.54	1.50
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	3	3	1	1	(9)	(9)	13	4	24	15	4	3

See footnotes at end of B-series tables.

**Table B-18. Life insurance plans for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	SOUTH--CONTINUED						NORTH CENTRAL					
	OKLAHOMA CITY		RICHMOND		SAN ANTONIO		CANTON		CHICAGO		CINCINNATI	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>OFFICE WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	27	15	22	16	22	12	28	28	27	23	19	16
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$4,400	\$4,400	\$4,800	\$4,900	\$4,100	\$4,400	\$6,800	\$6,800	\$6,000	\$6,100	\$6,000	\$5,700
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	4	2	3	3	(9)	-	(9)	(9)	3	3	2	2
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	\$3,700	-	\$1,500	\$1,500	-	-	-	-	\$4,500	\$4,500	\$2,700	\$2,600
AFTER 1 YEAR OF SERVICE-----	1,400	-	2,000	2,000	-	-	-	-	5,300	5,300	3,400	3,200
AFTER 5 YEARS OF SERVICE-----	3,600	-	6,000	5,900	-	-	-	-	8,800	8,800	7,100	7,100
AFTER 10 YEARS OF SERVICE-----	4,900	-	7,600	7,600	-	-	-	-	10,000	10,000	10,400	10,600
AFTER 20 YEARS OF SERVICE-----	5,300	-	9,200	9,200	-	-	-	-	10,900	10,900	10,900	11,000
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	33	17	14	6	19	4	41	30	29	16	25	15
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$8,800	\$9,000	\$6,500	\$5,400	\$9,600	\$6,900	\$8,300	\$7,500	\$7,500	\$7,000	\$7,300	\$5,500
IF ANNUAL EARNINGS ARE \$10,000-----	16,100	14,900	14,000	10,900	17,400	11,600	15,400	13,200	14,100	11,600	12,800	10,000
IF ANNUAL EARNINGS ARE \$15,000-----	24,100	22,100	19,800	15,500	25,300	15,000	23,800	21,100	20,200	16,200	17,900	15,600
IF ANNUAL EARNINGS ARE \$20,000-----	33,000	30,200	25,300	18,700	33,700	17,900	28,800	27,300	26,400	21,500	21,600	20,600
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	27	22	53	46	48	40	16	14	29	23	43	33
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14,15</sup> ----	1.56	1.45	1.74	1.75	1.89	2.01	1.39	1.34	1.46	1.45	1.70	1.77
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	4	4	7	5	3	3	13	4	10	7	7	7

See footnotes at end of B-series tables.



**Table B-18. Life insurance plans for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	NORTH CENTRAL--CONTINUED											
	CLEVELAND		DAVENPORT-ROCK ISLAND-MOLINE		DAYTON		OMAHA		SOUTH BEND		WICHITA	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>OFFICE WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	18	18	24	19	22	20	42	36	34	23	46	11
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$6,300	\$6,300	\$4,600	\$4,200	\$6,500	\$6,900	\$3,700	\$3,400	\$7,300	\$7,700	\$6,000	\$5,700
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	5	5	4	4	3	3	(9)	(9)	8	5	-	-
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	\$4,500	\$5,100	-	-	\$5,100	\$5,100	-	-	\$2,100	\$900	-	-
AFTER 1 YEAR OF SERVICE-----	4,600	5,000	\$14,500	\$14,500	5,100	5,100	-	-	2,400	1,400	-	-
AFTER 5 YEARS OF SERVICE-----	6,700	7,400	26,200	26,200	9,900	9,900	-	-	3,000	2,400	-	-
AFTER 10 YEARS OF SERVICE-----	8,000	8,700	34,800	34,800	11,500	11,500	-	-	4,900	3,300	-	-
AFTER 20 YEARS OF SERVICE-----	8,400	9,200	-	-	11,500	11,500	-	-	6,300	-	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	23	16	39	37	28	22	25	19	26	17	27	21
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$8,100	\$7,200	\$15,900	\$16,300	\$9,100	\$9,700	\$6,600	\$6,300	\$9,000	\$8,200	\$7,900	\$7,800
IF ANNUAL EARNINGS ARE \$10,000-----	14,000	11,100	16,700	16,700	12,700	13,300	11,400	11,000	18,900	14,700	18,400	18,500
IF ANNUAL EARNINGS ARE \$15,000-----	19,000	15,100	26,200	26,300	18,800	18,900	17,600	17,500	26,800	19,800	27,200	27,500
IF ANNUAL EARNINGS ARE \$20,000-----	24,300	19,200	34,700	35,000	25,200	25,600	22,700	23,100	34,000	25,200	41,800	44,500
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	42	37	29	21	42	35	26	15	29	22	22	21
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14, 15</sup> ---	1.40	1.39	1.71	1.75	1.57	1.68	1.60	1.32	1.31	1.15	1.99	2.01
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	5	4	1	1	3	3	4	4	3	1	4	4

See footnotes at end of B-series tables.

**Table B-18. Life insurance plans for full-time workers, January through December 1977—all industries—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	WEST											
	BILLINGS		DENVER-BOULDER		PORTLAND		SACRAMENTO		SAN DIEGO		SEATTLE-EVERETT	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>OFFICE WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	41	35	26	22	24	16	28	21	20	17	20	19
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$4,700	\$4,100	\$6,900	\$7,100	\$6,800	\$6,100	\$4,100	\$4,400	\$6,100	\$6,000	\$4,400	\$4,400
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	-	-	2	2	1	1	3	3	4	4	1	1
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	-	-	\$1,500	\$1,400	\$8,500	\$6,400	-	-	-	-	\$9,600	\$9,600
AFTER 1 YEAR OF SERVICE-----	-	-	3,600	3,400	10,000	8,300	-	-	-	-	2,100	2,100
AFTER 5 YEARS OF SERVICE-----	-	-	14,100	14,100	13,600	9,100	-	-	-	-	8,500	8,500
AFTER 10 YEARS OF SERVICE-----	-	-	18,400	18,400	15,700	11,700	-	-	-	-	11,100	11,100
AFTER 20 YEARS OF SERVICE-----	-	-	21,300	21,200	11,700	11,700	-	-	-	-	12,600	12,600
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	25	18	13	9	26	12	20	17	37	29	12	8
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$9,200	\$10,400	\$7,200	\$7,400	\$8,000	\$6,500	\$7,400	\$7,500	\$6,700	\$6,600	\$7,900	\$7,700
IF ANNUAL EARNINGS ARE \$10,000-----	10,900	10,700	15,300	14,400	17,600	15,100	26,300	28,500	16,000	15,700	13,400	12,000
IF ANNUAL EARNINGS ARE \$15,000-----	12,500	11,300	21,500	21,400	24,700	19,400	35,900	39,200	25,100	26,200	19,100	17,700
IF ANNUAL EARNINGS ARE \$20,000-----	14,300	11,900	27,600	27,400	32,100	26,700	40,400	43,800	23,100	21,400	27,100	28,000
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	32	22	54	43	33	29	28	24	19	18	64	53
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14,15</sup> ---	1.95	1.93	1.42	1.35	1.17	1.17	1.10	1.01	1.22	1.23	1.69	1.63
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	-	-	3	3	8	8	13	13	16	16	2	2

See footnotes at end of B-series tables.

**Table B-19. Life insurance plans for full-time workers, January through December 1977—manufacturing**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	NORTHEAST						SOUTH					
	NORTHEAST PENNSYLVANIA		PROVIDENCE-WARWICK-PAWTUCKET		UTICA-ROME		CORPUS CHRISTI		DAYTONA BEACH		GAINESVILLE	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>PLANT WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	71	68	51	44	64	59	49	44	58	58	15	8
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> -----	\$4,000	\$4,100	\$4,300	\$4,300	\$5,800	\$6,000	\$9,400	\$10,000	\$3,500	\$3,500	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	2	2	13	12	-	-	4	4	-	-	-	-
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	-	-	\$3,800	\$4,000	-	-	-	-	-	-	-	-
AFTER 1 YEAR OF SERVICE-----	-	-	4,500	4,700	-	-	-	-	-	-	-	-
AFTER 5 YEARS OF SERVICE-----	-	-	5,800	6,000	-	-	-	-	-	-	-	-
AFTER 10 YEARS OF SERVICE-----	-	-	6,700	6,800	-	-	-	-	-	-	-	-
AFTER 20 YEARS OF SERVICE-----	-	-	6,900	7,000	-	-	-	-	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	16	15	7	4	10	1	15	5	28	22	15	7
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$8,200	\$8,600	\$5,700	\$7,800	\$6,700	-	\$7,300	-	\$5,800	-	\$8,100	\$5,900
IF ANNUAL EARNINGS ARE \$10,000-----	11,400	11,800	10,000	13,900	14,800	-	11,000	-	11,400	-	10,700	11,500
IF ANNUAL EARNINGS ARE \$15,000-----	16,500	17,200	14,000	18,900	18,700	-	14,800	-	18,300	-	16,900	13,300
IF ANNUAL EARNINGS ARE \$20,000-----	17,500	18,000	15,600	20,000	18,700	-	15,400	-	24,100	-	18,400	16,500
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	2	1	8	8	24	24	26	16	5	5	57	57
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14 15</sup> -----	1.38	-	1.40	1.41	1.53	1.53	1.28	1.42	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	3	3	7	7	2	2	6	-	-	-	13	13

See footnotes at end of B-series tables.

**Table B-19. Life insurance plans for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	SOUTH--CONTINUED											
	GREENSBORO-WINSTON-SALEM-HIGH POINT		HOUSTON		HUNTSVILLE		JACKSON		LOUISVILLE		NEW ORLEANS	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
PLANT WORKERS												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	67	47	41	28	48	25	42	30	46	43	54	44
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$4,300	\$4,400	\$7,500	\$5,300	\$4,900	\$5,500	\$3,500	\$3,500	\$8,500	\$8,800	\$6,400	\$6,900
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	1	1	3	3	4	4	9	3	3	2	-	-
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	\$2,100	\$2,100	-	-	-	-	-	-	-	-	-	-
AFTER 1 YEAR OF SERVICE-----	2,200	2,200	-	-	-	-	-	-	\$5,600	-	-	-
AFTER 5 YEARS OF SERVICE-----	4,500	4,500	-	-	-	-	-	-	5,900	-	-	-
AFTER 10 YEARS OF SERVICE-----	5,600	5,600	-	-	-	-	-	-	8,100	-	-	-
AFTER 20 YEARS OF SERVICE-----	-	-	-	-	-	-	-	-	8,900	-	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	10	9	21	14	19	15	20	20	23	22	27	9
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$5,600	\$5,700	\$9,400	\$9,800	\$5,900	\$6,000	\$10,600	\$10,600	\$11,200	\$11,400	\$6,000	\$8,700
IF ANNUAL EARNINGS ARE \$10,000-----	12,100	12,600	14,500	14,900	7,400	6,500	13,000	13,000	14,300	14,400	14,200	11,600
IF ANNUAL EARNINGS ARE \$15,000-----	16,200	17,100	20,200	20,800	11,300	9,200	17,900	17,900	20,100	20,300	23,600	13,700
IF ANNUAL EARNINGS ARE \$20,000-----	19,800	21,000	24,700	25,900	13,100	11,100	22,900	22,900	26,800	27,000	31,600	17,700
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	19	18	31	18	29	26	12	8	25	24	15	8
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14, 15</sup> ----	1.77	1.75	1.60	1.69	1.41	1.35	1.36	1.44	1.83	1.85	1.37	1.28
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	-	-	3	3	-	-	-	-	3	2	-	-

See footnotes at end of B-series tables.

**Table B-19. Life insurance plans for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	SOUTH--CONTINUED						NORTH CENTRAL					
	OKLAHOMA CITY		RICHMOND		SAN ANTONIO		CANTON		CHICAGO		CINCINNATI	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>PLANT WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT: PERCENT OF ALL FULL-TIME WORKERS----- MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	53 \$6,600	35 \$7,100	40 \$4,200	32 \$4,600	75 \$3,300	39 \$3,600	73 \$7,1500	63 \$7,200	55 \$6,1300	46 \$6,400	53 \$6,100	51 \$6,000
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE: PERCENT OF ALL FULL-TIME WORKERS----- MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>	3	-	10	10	-	-	-	-	5	5	5	5
AFTER 6 MONTHS OF SERVICE-----	\$2,700	-	\$4,500	\$4,500	-	-	-	-	\$2,300	\$2,800	-	-
AFTER 1 YEAR OF SERVICE-----	3,100	-	4,500	4,500	-	-	-	-	2,300	2,500	\$3,400	\$3,400
AFTER 5 YEARS OF SERVICE-----	5,900	-	4,900	4,900	-	-	-	-	5,200	5,700	5,500	5,500
AFTER 10 YEARS OF SERVICE-----	10,400	-	5,000	5,000	-	-	-	-	7,400	7,600	8,100	8,100
AFTER 20 YEARS OF SERVICE-----	10,600	-	9,000	9,000	-	-	-	-	8,000	8,300	8,300	8,300
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS: PERCENT OF ALL FULL-TIME WORKERS----- MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>	25	22	1	1	16	8	26	24	21	18	20	14
IF ANNUAL EARNINGS ARE \$5,000-----	\$6,000	\$5,800	-	-	\$6,300	\$5,100	\$9,700	\$9,300	\$8,800	\$9,000	\$9,900	\$10,400
IF ANNUAL EARNINGS ARE \$10,000-----	11,500	10,500	-	-	12,700	10,900	10,100	9,700	12,000	11,200	12,800	11,800
IF ANNUAL EARNINGS ARE \$15,000-----	15,600	14,900	-	-	19,100	13,600	11,900	11,500	15,800	14,700	16,900	16,000
IF ANNUAL EARNINGS ARE \$20,000-----	20,800	19,800	-	-	25,600	14,300	13,200	13,000	20,400	19,300	21,800	20,900
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS: PERCENT OF ALL FULL-TIME WORKERS----- MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14 15</sup> ----	9 1.08	7 -	46 1.68	46 1.68	8 1.18	8 1.18	1 -	(9) -	13 1.37	11 1.37	13 1.73	10 1.83
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN: PERCENT OF ALL FULL-TIME WORKERS-----	2	2	-	-	-	-	-	-	4	4	5	4

See footnotes at end of B-series tables.

**Table B-19. Life insurance plans for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	NORTH CENTRAL--CONTINUED											
	CLEVELAND		DAVENPORT-ROCK ISLAND-MOLINE		DAYTON		OMAHA		SOUTH BEND		WICHITA	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>PLANT WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	49	48	37	32	28	24	54	31	85	73	93	33
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$7,300	\$7,300	\$7,200	\$7,500	\$8,100	\$8,700	\$6,400	\$6,700	\$7,200	\$7,000	\$6,600	\$6,900
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	4	3	10	10	2	2	3	3	6	6	-	-
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	\$4,600	\$5,800	-	-	-	-	-	-	-	-	-	-
AFTER 1 YEAR OF SERVICE-----	4,700	5,800	-	-	-	-	-	-	-	-	-	-
AFTER 5 YEARS OF SERVICE-----	6,000	7,300	\$4,200	\$4,200	-	-	-	-	-	-	-	-
AFTER 10 YEARS OF SERVICE-----	8,600	10,500	5,600	5,600	-	-	-	-	-	-	-	-
AFTER 20 YEARS OF SERVICE-----	8,800	10,600	6,200	6,200	-	-	-	-	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	36	36	45	45	52	50	8	7	6	4	4	-
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$10,300	\$10,300	\$11,200	\$11,200	\$10,400	\$10,600	\$7,000	-	-	-	-	-
IF ANNUAL EARNINGS ARE \$10,000-----	11,600	11,600	11,200	11,200	11,100	11,200	11,100	-	-	-	-	-
IF ANNUAL EARNINGS ARE \$15,000-----	16,000	15,900	15,700	15,700	16,000	16,100	14,200	-	-	-	-	-
IF ANNUAL EARNINGS ARE \$20,000-----	20,600	20,600	20,900	20,900	21,500	21,500	16,300	-	-	-	-	-
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	8	6	5	5	17	8	27	27	-	-	2	1
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14 15</sup> ----	1.63	1.64	1.40	1.40	1.41	1.69	1.17	1.17	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	2	2	-	-	2	2	2	-	3	3	1	-

See footnotes at end of B-series tables.

**Table B-19. Life insurance plans for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	WEST											
	BILLINGS		DENVER-Boulder		PORTLAND		SACRAMENTO		SAN DIEGO		SEATTLE-EVERETT	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>PLANT WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	56	53	59	51	58	55	49	48	79	77	77	77
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$8,000	\$8,200	\$7,300	\$7,600	\$5,000	\$5,000	\$5,800	\$5,800	\$5,800	\$5,800	\$7,200	\$7,200
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	-	-	7	7	1	1	11	11	-	-	1	1
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 1 YEAR OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 5 YEARS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 10 YEARS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 20 YEARS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	22	22	4	3	23	7	19	19	5	5	4	4
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$4,600	\$4,600	\$5,600	\$5,900	\$8,700	\$7,500	-	-	-	-	-	-
IF ANNUAL EARNINGS ARE \$10,000-----	6,700	6,700	9,200	8,900	14,800	10,300	-	-	-	-	-	-
IF ANNUAL EARNINGS ARE \$15,000-----	6,700	6,700	15,900	13,400	19,600	15,200	-	-	-	-	-	-
IF ANNUAL EARNINGS ARE \$20,000-----	6,700	6,700	22,200	14,700	24,900	19,400	-	-	-	-	-	-
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	22	16	24	22	5	4	9	8	12	12	7	7
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE: <sup>14 15</sup> ----	1.29	-	1.51	1.50	1.31	1.38	1.55	1.30	1.18	1.18	1.57	1.57
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	-	-	6	6	(9)	-	13	7	-	-	1	1

See footnotes at end of B-series tables.

**Table B-19. Life insurance plans for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	NORTHEAST						SOUTH					
	NORTHEAST PENNSYLVANIA		PROVIDENCE-WARWICK-PAWTUCKET		UTICA-ROME		CORPUS CHRISTI		DAYTONA BEACH		GAINESVILLE	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>OFFICE WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	30	39	36	28	29	26	24	20	12	12	23	17
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> -----	\$5,200	\$5,200	\$5,900	\$6,000	\$5,600	\$5,800	\$10,100	\$11,600	\$2,300	\$2,300	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	1	1	3	3	-	-	4	4	-	-	-	-
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 1 YEAR OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 5 YEARS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 10 YEARS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 20 YEARS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	42	32	9	7	17	3	8	2	57	39	9	5
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$6,300	\$5,700	\$7,300	\$7,700	\$6,800	\$5,800	\$7,200	-	\$6,700	\$5,600	\$8,000	\$6,300
IF ANNUAL EARNINGS ARE \$10,000-----	12,300	10,700	12,600	13,000	14,900	10,900	10,700	-	14,800	13,700	11,200	12,200
IF ANNUAL EARNINGS ARE \$15,000-----	18,700	16,400	17,800	18,100	19,100	13,200	16,400	-	20,400	19,100	17,100	14,700
IF ANNUAL EARNINGS ARE \$20,000-----	23,800	20,200	20,100	19,700	19,400	15,100	19,700	-	30,300	27,900	19,500	19,200
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	16	13	30	27	51	51	60	44	26	26	53	53
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14</sup> -----	1.59	1.62	1.60	1.67	1.68	1.68	1.47	1.59	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	3	3	7	7	3	3	4	-	-	-	15	15

See footnotes at end of B-series tables.



**Table B-19. Life insurance plans for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	SOUTH--CONTINUED											
	GREENSBORO-WINSTON-SALEM-HIGH POINT		HOUSTON		HUNTSVILLE		JACKSON		LOUISVILLE		NEW ORLEANS	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>OFFICE WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	28	20	22	16	23	9	15	9	25	22	25	20
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> -----	\$4,700	\$5,100	\$4,800	\$4,500	\$4,700	\$5,900	\$4,000	\$3,500	\$6,300	\$6,500	\$6,600	\$7,300
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	6	6	4	4	-	-	5	3	1	1	-	-
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> -----												
AFTER 6 MONTHS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 1 YEAR OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 5 YEARS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 10 YEARS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AFTER 20 YEARS OF SERVICE-----	-	-	-	-	-	-	-	-	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	18	16	28	22	32	18	16	16	29	28	45	20
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> -----												
IF ANNUAL EARNINGS ARE \$5,000-----	\$5,800	\$5,900	\$8,800	\$9,100	\$13,700	\$14,600	\$6,500	\$6,500	\$11,000	\$11,100	\$5,900	\$7,200
IF ANNUAL EARNINGS ARE \$10,000-----	13,400	14,100	16,700	16,100	14,700	14,700	12,000	12,000	14,400	14,500	13,600	11,000
IF ANNUAL EARNINGS ARE \$15,000-----	18,000	19,200	24,100	23,400	23,400	22,800	16,700	16,700	21,000	21,200	22,300	14,000
IF ANNUAL EARNINGS ARE \$20,000-----	22,800	24,400	30,900	29,800	29,600	29,600	22,000	22,000	27,400	27,600	29,400	17,900
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	46	44	41	22	44	38	40	33	31	30	27	20
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14</sup> -----	1.53	1.46	1.63	1.66	1.44	1.36	1.84	1.89	1.74	1.76	1.46	1.26
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	-	-	2	2	-	-	8	6	13	9	-	-

See footnotes at end of B-series tables.

**Table B-19. Life insurance plans for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	SOUTH--CONTINUED						NORTH CENTRAL					
	OKLAHOMA CITY		RICHMOND		SAN ANTONIO		CANTON		CHICAGO		CINCINNATI	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
OFFICE WORKERS												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	23	12	16	11	51	28	43	43	26	24	19	19
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$6,000	\$7,200	\$5,100	\$4,800	\$4,000	\$4,600	\$6,900	\$6,900	\$6,700	\$6,700	\$5,600	\$5,700
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	3	-	6	6	-	-	(9)	(9)	2	2	4	4
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	\$2,800	-	\$2,500	\$2,500	-	-	-	-	-	-	-	-
AFTER 1 YEAR OF SERVICE-----	3,200	-	2,500	2,500	-	-	-	-	\$1,300	\$1,300	-	-
AFTER 5 YEARS OF SERVICE-----	7,000	-	4,300	4,300	-	-	-	-	5,300	5,300	-	-
AFTER 10 YEARS OF SERVICE-----	11,100	-	4,500	4,500	-	-	-	-	7,400	7,400	-	-
AFTER 20 YEARS OF SERVICE-----	11,100	-	4,900	4,900	-	-	-	-	9,200	9,200	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	26	23	4	4	11	6	27	26	30	22	28	16
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$6,600	\$6,500	\$7,200	\$7,200	\$6,400	\$5,200	\$8,500	\$8,400	\$7,400	\$7,600	\$6,200	\$4,600
IF ANNUAL EARNINGS ARE \$10,000-----	12,200	11,600	13,200	13,200	13,600	11,100	11,200	10,900	12,300	11,600	11,800	9,500
IF ANNUAL EARNINGS ARE \$15,000-----	15,500	15,000	19,700	19,700	20,900	14,200	13,900	13,300	17,500	15,900	17,000	15,300
IF ANNUAL EARNINGS ARE \$20,000-----	20,200	19,100	25,800	25,800	29,100	15,400	16,800	16,200	23,100	21,200	21,900	20,300
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	23	17	73	73	36	33	17	17	33	26	40	37
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14, 15</sup> ----	1.40	1.22	1.63	1.63	1.56	1.57	1.62	1.61	1.36	1.34	1.76	1.78
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	4	4	-	-	-	-	13	1	8	6	3	2

See footnotes at end of B-series tables.

**Table B-19. Life insurance plans for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	NORTH CENTRAL--CONTINUED											
	CLEVELAND		DAVENPORT-ROCK ISLAND-MOLINE		DAYTON		OMAHA		SOUTH BEND		WICHITA	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
OFFICE WORKERS												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	24	24	17	13	11	9	15	7	31	22	70	11
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$7,300	\$7,300	\$6,400	\$6,200	\$6,300	\$6,600	\$6,700	\$5,200	\$8,900	\$8,400	\$6,200	\$4,800
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	6	4	2	2	6	6	-	-	3	3	-	-
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----												
AFTER 6 MONTHS OF SERVICE-----	\$5,300	\$7,000	-	-	\$5,100	\$5,100	-	-	-	-	-	-
AFTER 1 YEAR OF SERVICE-----	5,400	7,000	-	-	5,100	5,100	-	-	-	-	-	-
AFTER 5 YEARS OF SERVICE-----	7,000	8,800	-	-	9,900	9,900	-	-	-	-	-	-
AFTER 10 YEARS OF SERVICE-----	9,000	11,100	-	-	11,500	11,500	-	-	-	-	-	-
AFTER 20 YEARS OF SERVICE-----	9,100	11,100	-	-	11,500	11,500	-	-	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	22	18	56	56	20	16	12	6	21	15	4	2
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----												
IF ANNUAL EARNINGS ARE \$5,000-----	\$8,100	\$7,400	\$17,000	\$17,100	\$6,100	\$5,800	\$8,800	\$7,700	\$10,600	\$10,200	\$4,900	-
IF ANNUAL EARNINGS ARE \$10,000-----	13,800	12,000	17,300	17,300	9,800	9,300	12,700	12,200	16,700	17,200	7,400	-
IF ANNUAL EARNINGS ARE \$15,000-----	18,500	15,500	25,100	25,100	15,000	13,700	17,000	16,500	21,600	21,800	8,700	-
IF ANNUAL EARNINGS ARE \$20,000-----	24,300	20,400	33,500	33,500	19,900	17,100	21,800	20,800	26,000	26,200	12,600	-
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	39	36	18	17	60	47	63	41	40	40	25	24
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14 15</sup> ----	1.59	1.61	1.51	1.46	1.68	1.87	1.18	1.21	1.15	1.15	2.12	2.13
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	6	6	1	1	3	3	4	-	5	1	1	1

See footnotes at end of B-series tables.

**Table B-19. Life insurance plans for full-time workers, January through December 1977—manufacturing—Continued**

(All full-time workers=100 percent)

TYPE OF PLAN AND AMOUNT OF INSURANCE	WEST											
	BILLINGS		DENVER-BOULDER		PORTLAND		SACRAMENTO		SAN DIEGO		SEATTLE-EVERETT	
	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS	ALL PLANS	NONCON-TRIBUTORY PLANS
<b>OFFICE WORKERS</b>												
ALL FULL-TIME WORKERS ARE PROVIDED THE SAME FLAT-SUM DOLLAR AMOUNT:												
PERCENT OF ALL FULL-TIME WORKERS-----	37	24	36	31	25	21	45	28	42	38	9	9
MEAN AMOUNT OF INSURANCE PROVIDED <sup>14</sup> ----	\$4,800	\$4,700	\$8,900	\$9,000	\$5,500	\$5,300	\$5,100	\$5,200	\$6,800	\$6,500	\$5,900	\$5,800
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED LENGTH OF SERVICE:												
PERCENT OF ALL FULL-TIME WORKERS-----	-	-	7	7	2	2	15	15	-	-	1	1
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
AFTER 6 MONTHS OF SERVICE-----	-	-	\$1,700	-	-	-	-	-	-	-	-	-
AFTER 1 YEAR OF SERVICE-----	-	-	3,800	-	-	-	-	-	-	-	-	-
AFTER 5 YEARS OF SERVICE-----	-	-	13,700	-	-	-	-	-	-	-	-	-
AFTER 10 YEARS OF SERVICE-----	-	-	17,800	-	-	-	-	-	-	-	-	-
AFTER 20 YEARS OF SERVICE-----	-	-	20,600	-	-	-	-	-	-	-	-	-
AMOUNT OF INSURANCE IS BASED ON A SCHEDULE WHICH INDICATES A SPECIFIED DOLLAR AMOUNT OF INSURANCE FOR A SPECIFIED AMOUNT OF EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	33	28	9	7	45	16	10	10	22	17	5	2
MEAN AMOUNT OF INSURANCE PROVIDED: <sup>14</sup>												
IF ANNUAL EARNINGS ARE \$5,000-----	\$11,400	\$11,700	\$6,900	\$7,300	\$8,400	\$7,100	\$6,700	\$6,700	\$8,600	\$8,200	\$7,300	\$10,600
IF ANNUAL EARNINGS ARE \$10,000-----	14,200	12,800	14,200	15,200	15,500	15,100	14,000	14,000	13,100	11,400	8,300	14,100
IF ANNUAL EARNINGS ARE \$15,000-----	18,400	15,300	22,200	22,300	20,700	19,700	21,000	21,000	19,800	17,200	12,900	20,400
IF ANNUAL EARNINGS ARE \$20,000-----	22,700	17,700	31,100	28,800	26,600	25,900	27,100	27,100	37,700	31,900	17,100	25,200
AMOUNT OF INSURANCE IS EXPRESSED AS A FACTOR OF ANNUAL EARNINGS:												
PERCENT OF ALL FULL-TIME WORKERS-----	29	8	41	40	16	15	16	15	25	25	81	72
MEAN FACTOR OF ANNUAL EARNINGS USED TO CALCULATE AMOUNT OF INSURANCE <sup>14 15</sup> ---	1.73	-	1.53	1.52	1.48	1.49	1.16	1.07	1.05	1.05	2.08	2.10
AMOUNT OF INSURANCE IS BASED ON SOME OTHER TYPE OF PLAN:												
PERCENT OF ALL FULL-TIME WORKERS-----	-	-	7	7	6	6	14	13	2	2	3	3

See footnotes at end of B-series tables.

## Footnotes

<sup>1</sup> Earnings relate to regular average (mean) straight-time salaries that are paid for standard workweeks.

<sup>2</sup> Exceptions to the standard industry limitations are shown in footnote 3 to table 1 of appendix A.

<sup>3</sup> Regular average (mean) straight-time earnings, excluding premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>4</sup> Percent changes reflect 12-month periods ending at various times from January to December 1967.

<sup>5</sup> A comparable survey was not conducted in this area in the previous year.

<sup>6</sup> Less than 0.05 percent.

<sup>7</sup> Pay at regular rate for hours exceeding those worked, a paid lunch period not given first-shift workers, a flat-sum per shift, and other provisions. Most "other" workers, however, were in establishments which provided one such provision in combination with a cents or percentage differential for hours actually worked.

<sup>8</sup> Hours which a majority of the full-time workers were expected to work, whether paid at straight-time or overtime rates. Not all provisions for days worked are shown under scheduled hours.

<sup>9</sup> Less than 0.5 percent.

<sup>10</sup> Includes basic plans only. Excludes plans such as vacation bonus, vacation-savings, and those plans which offer "extended" or "sabbatical" benefits beyond basic plans to workers with qualifying lengths of service. Such provisions are typical in the steel, aluminum, and can industries.

<sup>11</sup> 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 were chosen arbitrarily and do not necessarily reflect individual provisions for progression. For example, changes in proportions at 10 years' service include changes in provisions between 5 and 10 years. Estimates are cumulative. Thus, the proportion eligible for 3 weeks' pay or more after 10 years includes those eligible for 3 weeks' pay or more after fewer years of service.

<sup>12</sup> Estimates listed after type of benefit include only plans for which the employer pays at least some part of the cost. "Noncontributory plans" include only those plans for which the employer pays all of the cost. Excluded are legally required plans such as workers' disability compensation, social security, and railroad retirement.

<sup>13</sup> Unduplicated totals of workers receiving sick leave or sickness and accident insurance shown separately. Sick leave plans establish the minimum number of days' pay that each employee can expect and exclude informal sick leave allowances determined on an individual basis.

<sup>14</sup> The mean amount is computed by multiplying the number of workers provided insurance by the amount of insurance provided, totaling the products, and dividing the sum by the number of workers.

<sup>15</sup> A factor of annual earnings is the number by which annual earnings are multiplied to determine the amount of insurance provided. For example, a factor of 2 indicates that for annual earnings of \$10,000 the amount of insurance provided is \$20,000.

NOTE: Dashes indicate that no data were reported or that data do not meet publication criteria.

# Appendix A.

## Scope and Method of Surveys

Data on area wages and related benefits are obtained by personal visits of Bureau field representatives at 3-year intervals. In each of the intervening years, information on employment and occupational earnings is collected by a combination of personal visit, mail questionnaire, and telephone interview from establishments participating in the previous survey.

In each of the 73 areas currently surveyed, data are obtained from representative establishments within six broad industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Industry divisions excluded from these studies are agriculture, mining, construction, and government. The exclusion of government has a significant effect on the public utilities division, because municipally operated utilities are excluded, although privately operated utilities are not.<sup>1</sup>

Within each of the six major industry divisions, establishments having fewer than 50 workers are omitted because of insufficient employment in the occupations studied. In the 13 largest areas, the minimum establishment size for inclusion in the survey is 100 employees in manufacturing, public utilities, and retail trade. These areas are Boston, Chicago, Cleveland, Dallas-Fort Worth, Detroit, Los Angeles-Long Beach, Newark, New York, Philadelphia, Pittsburgh, St. Louis, San Francisco, and Washington.

### Sampling methods

The sampling plan can be described as a two-stage design consisting of an area sample and an establishment sample. The area sample consisting of 70 areas,<sup>2</sup> is designed to permit presentation of data for all SMSA's of the United States; the establishment sample is designed to present data for individual areas. As indicated earlier, this bulletin is concerned primarily with data for individual areas. Data for all metropolitan areas combined will be published in a forthcoming summary bulletin (Bulletin 1950-77).

The 70-area sample is based on the selection of one area from a stratum of similar areas. The criteria of stratification are size of area, region, and type of industrial activity. Thirty-three of the areas represent themselves in the sample, either because of population size or the unusual nature of their industrial composition. Each of the 37 other areas represents itself and one or more similar areas. For estimates of all areas combined, data from each area are weighted by the ratio of the total nonagricultural employment in the stratum to that in the sample area.

<sup>1</sup> See footnote 3, table 1 of appendix A, for areas in which public utilities are municipally operated and have been excluded.

<sup>2</sup> Three studies conducted under contract are not included in the sample. These areas are Akron, Ohio; Birmingham, Ala.; and Utica-Rome, N.Y.

The establishment 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 4 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 from 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.

In the 73 areas studied in 1977, about 13,900 establishments, employing 9.5 million workers, were selected by the Bureau to represent 67,100 establishments, employing about 17.7 million workers within the scope of the studies.

### Occupations and earnings

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, toolroom, and powerplant; and (4) material movement and custodial. Occupational classification is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. Occupations selected for study are listed and described in appendix B. The earnings data for each area, in tables A-1 through A-11, may not be presented for an industry division, or for some of the occupations listed and described, 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 data for all industries combined. Likewise, for occupations with more than one level, data are included in the overall classification when a subclassification 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 bonuses are included. Weekly hours for office clerical and professional and technical occupations refer to the standard workweek (rounded to the nearest half hour) for which employees receive 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.

Average earnings reflect composite, areawide estimates. Since industries and establishments differ in pay level and occupational staffing, thereby contributing differently to the estimates for each occupation, pay averages may fail to reflect accurately the wage differential among occupations in individual establishments.

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. Changes in earnings of occupational groups, shown in table A-12, are better indicators of wage trends than are earnings changes for individual jobs within the groups.

#### Wage trends for selected occupational groups

The percent increases presented in table A-12 are based on changes in average hourly earnings of men and women in establishments reporting the trend jobs in both the current and previous year (matched establishments). The data are adjusted to remove the effects on average earnings of employment shifts among establishments and turnover of establishments included in survey samples. The percent increases, however, are still affected by factors other than wage increases. Hirings, layoffs, and turnover may affect an establishment average for an occupation when workers are paid under plans providing a range of wage rates for individual jobs. In periods of increased hiring, for example, new employees may enter at the bottom of the range, depressing the average without a change in wage rates.

The percent changes relate to wage changes for a 12-month period. When the time span between surveys is other than 12 months, annual rates are shown. (It is assumed that wages increase at a constant rate between surveys.)

Occupations used to compute wage trends are:

#### Office clerical

Secretaries  
Stenographers, general  
Stenographers, senior  
Typists, classes A and B  
File clerks, classes A, B, and C  
Messengers  
Switchboard operators  
Order clerks  
Accounting clerks, classes A and B  
Bookkeeping-machine operators, class B

#### Office clerical—Continued

Payroll clerks  
Keypunch operators, classes A and B

#### Electronic data processing

Computer systems analysts, classes A, B, and C  
Computer programmers, classes A, B, and C

#### Electronic data processing—Continued

Computer operators, classes A, B, and C

#### Industrial nurses

Registered industrial nurses

#### Skilled maintenance

Carpenters  
Electricians

#### Skilled maintenance—Continued

Painters  
Machinists  
Mechanics (machinery)  
Mechanics (motor vehicles)  
Pipefitters  
Tool and die makers

#### Unskilled plant

Janitors, porters, and cleaners  
Material handling laborers

Percent changes for individual areas in the program are computed as follows:

1. Average earnings are computed for each occupation for the 2 years being compared. The averages are derived from earnings in those establishments which are in the survey both years; it is assumed that employment remains unchanged.
2. Each occupation is assigned a weight based on its proportionate employment in the occupational group in the base year.
3. These weights are used to compute group averages. Each occupation's average earnings (computed in step 1) is multiplied by its weight. The products are totaled to obtain a group average.
4. The ratio of group averages for 2 consecutive years is computed by dividing the average for the current year by the average for the earlier year. The result—expressed as a percent and less 100—is the percent change.

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

#### Establishment practices and supplementary wage provisions

The B-series tables provide information on the incidence of selected establishment practices and supplementary wage provisions for plant workers and office workers. Plant workers include nonsupervisory workers and working supervisors engaged in nonoffice functions. (Cafeteria workers and sales route workers are excluded in manufacturing industries, but included in nonmanufacturing industries.) Office workers include nonsupervisory workers and working supervisors performing clerical or related functions. Lead workers and trainees are included among nonsupervisory workers. Administrative, executive, professional, and part-time employees as well as construction workers utilized as separate work forces are excluded from both the plant and office worker categories.

Shift differentials—manufacturing (table B-1). Data are presented on practices of manufacturing establishments regarding pay differentials for plant workers on late shifts. When establishments have several differentials which vary by job, the differential applying to the majority of the plant workers is recorded. When establishments have differentials which apply only to certain hours of work, the differential applying to the majority of the shift hours is recorded. An establishment's differentials are weighted by plant workers employed on the specified shift at the time of the survey.

For purposes of this study, a late shift is either a second (evening) shift which ends at or near midnight or a third (night) shift which starts at or near midnight.

Scheduled weekly hours; paid holidays; paid vacations; and health, insurance, and pension plans. Provisions which apply to a majority of the plant or office workers in an establishment are considered to apply to all plant or office workers in the establishment; a practice or provision is considered nonexistent when it applies to less than a majority. Holidays; vacations; and health, insurance, and pension plans are considered applicable to employees currently eligible for the benefits as well as to employees who will eventually become eligible.

Scheduled weekly hours and days (tables B-2 through B-5). Scheduled weekly hours and days refer to the number of hours and days per week which full-time first (day) shift workers are expected to work, whether paid for at straight-time or overtime rates.

Paid holidays (tables B-6 through B-9). Holidays are included only if they are granted annually on a formal basis (provided for in written form or established by custom). They are included even though in a particular year they fall on a nonworkday and employees are not granted another day off. Employees may either be paid for the time off or may receive premium pay in lieu of time off.

Data are tabulated to show the percent of workers who are granted specific numbers of whole and half holidays and the average number of paid holidays granted annually.

Paid vacations (tables B-10 through B-13). Establishments report their method of calculating vacation pay (time basis, percent of annual earnings, flat-sum payment, etc.) and the amount of vacation pay granted. Only basic formal plans are reported. Vacation bonuses, vacation-savings plans, and "extended" or "sabbatical" benefits beyond basic plans are excluded.

For tabulating vacation pay granted, all provisions are expressed on a time basis. Vacation pay calculated on other than time basis is converted to its equivalent time period. Two percent of annual earnings, for example, is tabulated as 1 week's vacation pay.

Also, provisions after each specified length of service are related to all plant or office workers in an establishment regardless of length of service. Vacation plans commonly provide for larger amounts of vacation pay as service lengths. Counts of plant or office workers by length of service were not obtained. The tabulations of vacation pay granted presents, therefore, statistical measures of these provisions rather than proportions of workers actually receiving specific benefits.

Health, insurance, and pension plans (tables B-14 through B-19). Health, insurance, and pension plans include plans for which the employer pays either all or part of the cost. The cost may be (1) underwritten by a commercial insurance company or nonprofit organization, (2) covered by a union fund to which the employer has contributed, or (3) borne directly by the employer out of operating funds or a fund set aside to cover the cost. A plan is included even though a majority of the employees in an establishment do not choose to participate in it because they are required to bear part of its cost (provided the choice to participate is available or will eventually become available to a majority). Legally required plans such as social security, railroad retirement, workers' disability compensation, and temporary disability insurance<sup>3</sup> are excluded.

Life insurance includes formal plans providing indemnity (usually through an insurance policy) in case of death of the covered worker. Information is also provided in tables B-18 and B-19 on types of life insurance plans and the amount of coverage in all industries combined and in manufacturing.

Accidental death and dismemberment is limited to plans which provide benefit payments in case of death or loss of limb or sight as a direct result of an accident.

Sickness and accident insurance includes only those plans which provide that predetermined cash payments be made directly to employees who lose time from work because of illness or injury, e.g., \$50 a week for up to 26 weeks of disability.

Sick leave plans are limited to formal plans<sup>4</sup> which provide for continuing an employee's pay during absence from work because of illness. Data collected distinguish between (1) plans which provide full pay with no waiting period, and (2) plans which either provide partial pay or require a waiting period.

<sup>3</sup> Temporary disability insurance which provides benefits to covered workers disabled by injury or illness which is not work-connected is mandatory under State laws in California, New Jersey, New York, and Rhode Island. Establishment plans which meet only the legal requirements are excluded from these data, but those under which (1) employers contribute more than is legally required or (2) benefits exceed those specified in the State law are included. In Rhode Island, benefits are paid out of a State fund to which only employees contribute. In each of the other three States, benefits are paid either from a State fund or through a private plan.

State fund financing: In California, only employees contribute to the State fund; in New Jersey, employees and employers contribute; in New York, employees contribute up to a specified maximum and employers pay the difference between the employees' share and the total contribution required.

Private plan financing: In California and New Jersey, employees cannot be required to contribute more than they would if they were covered by the State fund; in New York, employees can agree to contribute more if the State rules than the additional contribution is commensurate with the benefit provided.

Federal legislation (Railroad Unemployment Insurance Act) provides temporary disability insurance benefits to railroad workers for illness or injury, whether work-connected or not. The legislation requires that employers bear the entire cost of the insurance.

<sup>4</sup> An establishment is considered as having a formal plan if it specifies 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.



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

Hospitalization, surgical, and medical insurance plans reported in these surveys provide full or partial payment for basic services rendered. Hospitalization insurance covers hospital room and board and may cover other hospital expenses. Surgical insurance covers surgeons' fees. Medical insurance covers doctors' fees for home, office, or hospital calls. Plans restricted to post-operative medical care or a doctor's care for minor ailments at a worker's place of employment are not considered to be medical insurance.

Major medical insurance coverage applies to services which go beyond the basic services covered under hospitalization, surgical, and medical insurance. Major medical insurance typically (1) requires that a "deductible" (e.g., \$ 50) be met before benefits begin, (2) has a coinsurance

feature that requires the insured to pay a portion (e.g., 20 percent) of certain expenses, and (3) has a specified dollar maximum of benefits (e.g., \$10,000 a year).

Dental insurance plans provide normal dental service benefits, usually for fillings, extractions, and X-rays. Plans which provide benefits for only oral surgery or repairing accident damage are not reported.

Retirement pension plans provide for regular payments to the retiree for life. Included are deferred profit-sharing plans which provide the option of purchasing a lifetime annuity.

Labor-management agreement coverage. An establishment is considered to have a contract covering all plant or office workers if a majority of such workers is covered by a labor-management agreement. Therefore, all other plant or office workers 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 plant or office workers. 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.

**Appendix table 1. Number of workers within scope of surveys in 73 metropolitan areas, January 1977 through December 1977**

Metropolitan area <sup>1</sup>	Payroll period	Minimum establishment size	Number of workers in establishments within scope of studies <sup>2</sup> (in thousands)																							
			All industries			Manufacturing			Nonmanufacturing																	
			Total			Total			Total			Public utilities <sup>3</sup>			Wholesale trade			Retail trade			Finance <sup>4</sup>		Services <sup>5</sup>			
			Total	Plant	Office	Total	Plant	Office	Total	Plant	Office	Total	Plant	Office	Total	Plant	Office	Total	Plant	Office	Total	Office	Total	Plant	Office	
<b>Northeast</b>																										
Albany-Schenectady-Troy, N.Y. <sup>6</sup>	Sept.	50	112.2	-	-	52.6	-	-	59.6	-	-	11.3	-	-	5.9	(?)	(?)	21.9	(?)	(?)	8.7	(?)	11.8	(?)	(?)	
Boston, Mass. <sup>6</sup>	Aug.	( <sup>8</sup> )	495.3	-	-	202.3	-	-	293.0	-	-	39.4	-	-	23.9	(?)	(?)	83.5	-	-	66.9	-	79.3	-	-	
Buffalo, N.Y. <sup>6</sup>	Oct.	50	223.8	-	-	129.1	-	-	94.6	-	-	19.4	-	-	8.9	(?)	(?)	37.9	-	-	12.1	(?)	16.4	(?)	(?)	
Hartford, Conn. <sup>6</sup>	Mar.	50	153.9	-	-	73.2	-	-	80.7	-	-	5.5	-	-	7.1	(?)	(?)	16.0	(?)	(?)	43.4	(?)	8.6	(?)	(?)	
Nassau-Suffolk, N.Y. <sup>6</sup>	June	50	294.0	-	-	114.3	-	-	179.7	-	-	23.7	-	-	17.9	-	-	71.0	-	-	29.8	-	37.1	-	-	
Newark, N.J. <sup>6</sup>	Jan.	( <sup>8</sup> )	346.4	-	-	159.3	-	-	187.0	-	-	37.6	-	-	26.6	-	-	35.9	-	-	44.7	-	42.3	-	-	
New York, N.Y.-N.J. <sup>6</sup>	May	( <sup>8</sup> )	1,441.6	-	-	360.2	-	-	1,081.4	-	-	210.5	-	-	123.5	-	-	161.0	-	-	350.5	-	236.0	-	-	
Northeast Pennsylvania	Aug.	50	104.0	70.8	10.5	64.4	52.9	4.3	39.5	17.9	6.2	8.6	5.0	1.5	2.7	(?)	(?)	18.1	(?)	(?)	4.7	(?)	5.5	(?)	(?)	
Paterson-Clifton-Passaic, N.J. <sup>6</sup>	June	50	81.9	-	-	48.7	-	-	33.3	-	-	4.4	-	-	3.2	(?)	(?)	14.7	(?)	(?)	6.0	(?)	5.1	(?)	(?)	
Philadelphia, Pa.-N.J. <sup>6</sup>	Nov.	( <sup>8</sup> )	771.4	-	-	404.0	-	-	367.5	-	-	64.6	-	-	40.2	-	-	111.9	-	-	81.7	-	69.1	-	-	
Pittsburgh, Pa. <sup>6</sup>	Jan.	( <sup>8</sup> )	392.5	-	-	201.8	-	-	190.7	-	-	40.2	-	-	17.1	-	-	63.6	-	-	27.1	-	42.6	-	-	
Portland, Maine <sup>6</sup>	Dec.	50	29.7	-	-	12.2	-	-	17.4	-	-	3.2	-	-	1.9	(?)	(?)	6.1	(?)	(?)	4.2	(?)	2.0	(?)	(?)	
Poughkeepsie, N.Y. <sup>6</sup>	June	50	35.6	-	-	25.9	-	-	9.7	-	-	1.4	-	-	1.0	(?)	(?)	5.0	(?)	(?)	.8	(?)	1.5	(?)	(?)	
Providence-Warwick-Pawtucket, R.I.-Mass	June	50	148.6	97.6	20.3	99.1	75.5	8.5	49.5	22.1	11.9	8.1	4.4	1.4	4.6	(?)	(?)	17.9	11.5	1.0	12.1	(?)	6.8	(?)	(?)	
Trenton, N.J. <sup>6</sup>	Sept.	50	55.2	-	-	34.3	-	-	20.9	-	-	3.5	-	-	1.3	(?)	(?)	6.8	(?)	(?)	2.7	(?)	6.6	(?)	(?)	
Utica-Rome, N.Y.	July	50	39.3	24.5	6.2	26.4	19.1	2.7	12.9	5.4	3.5	2.2	1.4	.4	1.3	(?)	(?)	4.7	(?)	(?)	3.2	(?)	1.5	(?)	(?)	
Worcester, Mass. <sup>6</sup>	Apr.	50	54.9	-	-	31.6	-	-	23.3	-	-	4.5	-	-	2.1	(?)	(?)	9.1	(?)	(?)	5.4	(?)	2.2	(?)	(?)	
York, Pa. <sup>6</sup>	Feb.	50	72.1	-	-	53.1	-	-	19.0	-	-	4.6	-	-	1.7	(?)	(?)	9.1	(?)	(?)	1.8	(?)	1.9	(?)	(?)	
<b>South</b>																										
Atlanta, Ga. <sup>6</sup>	May	50	362.4	-	-	111.0	-	-	251.3	-	-	60.4	-	-	36.3	-	-	76.0	-	-	38.1	-	40.6	-	-	
Baltimore, Md. <sup>6</sup>	Aug.	50	343.6	-	-	154.3	-	-	189.3	-	-	35.0	-	-	20.9	-	-	66.7	-	-	36.4	-	30.4	-	-	
Birmingham, Ala. <sup>6</sup>	Mar.	50	135.3	-	-	56.3	-	-	79.1	-	-	21.0	-	-	9.4	-	-	26.8	-	-	11.5	-	10.3	-	(?)	
Chattanooga, Tenn.-Ga. <sup>6</sup>	Sept.	50	82.2	-	-	55.3	-	-	26.9	-	-	4.0	-	-	1.9	(?)	(?)	10.7	(?)	(?)	5.7	(?)	4.6	(?)	(?)	
Corpus Christi, Tex.	July	50	26.4	16.0	3.2	9.9	6.9	.7	16.5	9.1	2.5	3.3	1.9	.5	1.3	(?)	(?)	7.5	(?)	(?)	1.4	(?)	3.0	(?)	(?)	
Dallas-Fort Worth, Tex. <sup>6</sup>	Oct.	( <sup>8</sup> )	532.0	-	-	196.1	-	-	335.9	-	-	61.2	-	-	52.4	-	-	109.7	-	-	54.3	-	58.4	-	-	
Daytona Beach, Fla.	Aug.	50	18.5	11.3	2.3	4.4	3.0	.4	14.1	8.3	1.8	1.3	.9	.2	.1	(?)	(?)	8.6	(?)	(?)	1.4	(?)	2.8	(?)	(?)	
Gainesville, Fla.	Sept.	50	9.1	5.4	1.3	3.0	2.2	.3	6.1	3.3	1.0	.8	(?)	(?)	.1	(?)	(?)	3.3	(?)	(?)	.8	(?)	1.1	(?)	(?)	
Greensboro-Winston-Salem-High Point, N.C.	Aug.	50	188.6	120.4	23.0	124.5	91.9	11.8	64.1	28.6	11.3	15.9	8.8	2.3	6.2	(?)	(?)	24.6	(?)	(?)	8.9	(?)	8.5	(?)	(?)	
Greenville-Spartanburg, S.C. <sup>6</sup>	June	50	130.2	-	-	97.5	-	-	32.7	-	-	5.6	-	-	3.1	(?)	(?)	15.8	(?)	(?)	3.2	(?)	4.9	(?)	(?)	
Houston, Tex.	Aug.	50	488.7	262.3	82.1	157.9	108.9	15.8	330.8	153.4	66.3	57.7	27.4	13.3	54.3	19.5	15.4	109.7	67.6	8.4	41.3	21.0	67.8	32.1	8.2	
Huntsville, Ala.	Feb.	50	35.3	23.6	3.1	21.4	17.7	1.1	13.9	5.9	2.0	.8	(?)	(?)	.2	(?)	(?)	4.9	(?)	(?)	1.0	(?)	6.9	(?)	(?)	
Jackson, Miss.	Jan.	50	40.3	23.9	7.8	14.3	11.1	1.1	26.0	12.8	6.7	5.7	2.8	1.2	3.4	(?)	(?)	8.4	(?)	(?)	5.3	(?)	3.2	(?)	(?)	
Jacksonville, Fla. <sup>6</sup>	Dec.	50	95.6	-	-	25.5	-	-	70.1	-	-	11.4	-	-	8.3	(?)	(?)	24.4	(?)	(?)	17.1	(?)	9.1	(?)	(?)	
Louisville, Ky.-Ind.	Nov.	50	173.1	112.2	23.6	97.7	73.8	8.6	75.4	38.4	15.0	16.9	9.0	3.1	8.3	(?)	(?)	29.8	(?)	(?)	11.6	(?)	8.9	(?)	(?)	
Memphis, Tenn.-Ark.-Miss. <sup>6</sup>	Nov.	50	132.2	-	-	52.3	-	-	79.9	-	-	15.1	-	-	13.3	(?)	(?)	29.7	(?)	(?)	9.4	(?)	12.3	(?)	(?)	
Miami, Fla. <sup>6</sup>	Oct.	50	262.0	-	-	71.2	-	-	190.8	-	-	47.2	-	-	18.4	(?)	(?)	60.5	-	-	30.0	(?)	34.7	-	-	
New Orleans, La.	Jan.	50	174.9	105.1	29.2	41.9	31.2	3.6	133.0	73.8	25.7	29.6	12.4	6.7	15.3	(?)	(?)	47.9	35.2	3.9	14.3	(?)	25.9	(?)	(?)	
Norfolk-Virginia Beach-Portsmouth, Va.-N.C. <sup>6</sup>	May	50	72.9	-	-	21.6	-	-	51.2	-	-	9.5	-	-	4.9	(?)	(?)	25.2	(?)	(?)	5.7	(?)	5.9	(?)	(?)	
Oklahoma City, Okla.	Aug.	50	104.2	56.0	19.0	32.2	21.1	3.6	72.0	34.9	15.4	15.4	6.2	3.3	6.8	(?)	(?)	31.0	(?)	(?)	10.1	(?)	8.7	(?)	(?)	
Richmond, Va.	June	50	120.6	64.7	23.4	48.3	33.0	4.9	72.3	31.6	18.5	14.1	6.4	3.2	7.7	(?)	(?)	28.4	(?)	(?)	15.2	(?)	6.9	(?)	(?)	
San Antonio, Tex.	May	50	110.6	70.9	17.9	32.4	24.6	2.9	78.2	46.3	15.0	10.5	6.0	1.6	6.8	(?)	(?)	35.8	(?)	(?)	12.7	(?)	12.3	(?)	(?)	
Washington, D.C.-Md.-Va. <sup>6</sup>	Mar.	( <sup>8</sup> )	335.1	-	-	23.0	-	-	312.1	-	-	43.4	-	-	19.8	-	-	112.3	-	-	42.1	-	94.5	-	-	
<b>North Central</b>																										
Akron, Ohio <sup>6</sup>	Dec.	50	124.1	-	-	74.8	-	-	49.2	-	-	11.1	-	-	3.1	(?)	(?)	24.0	(?)	(?)	5.1	(?)	5.9	(?)	(?)	
Canton, Ohio	May	50	61.6	41.0	7.3	40.8	31.6	3.5	20.7	9.3	3.9	5.1	2.7	.9	2.2	(?)	(?)	8.9	(?)	(?)	3.0	(?)	1.5	(?)	(?)	
Chicago, Ill.	May	( <sup>8</sup> )	1,265.3	623.9	270.5	591.0	370.4	91.6	674.3	253.5	179.0	135.9	62.3	27.8	96.8	44.5	25.6	194.4	96.6	24.3	121.9	72.8	125.4	50.1	28.4	
Cincinnati, Ohio-Ky.-Ind.	July	50	265.6	153.1	41.3	141.9	94.9	17.7	123.7	58.1	23.6	25.4	11.9	5.6	13.1	(?)	(?)	50.3	31.1	2.7	15.6	(?)	19.2	(?)	(?)	
Cleveland, Ohio	Sept.	( <sup>8</sup> )	389.8	215.3	64.8	207.3	141.0	27.6	182.5	74.3	37.2	32.5	14.5	6.6	26.3	11.0	7.6	66.2	29.9	4.5	26.4	14.0	31.1	16.4	4.4	
Columbus, Ohio <sup>6</sup>	Oct.	50	210.9	-	-	90.0	-	-	120.9	-	-	17.9	-	-	8.8	(?)	(?)	49.1	-	-	20.6	(?)	24.6	(?)	(?)	
Davenport-Rock Island-Moline, Iowa-Ill.	May	50	66.4	43.2	9.4	44.9	32.8	5.2	21.5	10.4	4.2	5.0	2.6	.9	22.8	(?)	(?)	8.2	(?)	(?)	2.6	(?)	2.9	(?)	(?)	

See footnotes at end of table.

**Appendix table 1. Number of workers within scope of surveys in 73 metropolitan areas, January 1977 through December 1977—Continued**

Metropolitan area <sup>1</sup>	Payroll period	Minimum establishment size	Number of workers in establishments within scope of studies <sup>2</sup> (in thousands)																						
			All industries						Manufacturing			Nonmanufacturing													
			Total			Public utilities <sup>3</sup>			Wholesale trade			Retail trade			Finance <sup>4</sup>		Services <sup>5</sup>								
			Total	Plant	Office	Total	Plant	Office	Total	Plant	Office	Total	Plant	Office	Total	Plant	Office	Total	Office	Total	Plant	Office			
<b>North Central—Continued</b>																									
Dayton, Ohio	Dec.	50	150.7	88.0	21.3	92.1	62.8	11.7	58.5	25.2	9.6	9.2	5.3	1.9	4.9	(?)	(?)	29.4	(?)	(?)	5.6	(?)	9.5	(?)	(?)
Detroit, Mich. <sup>6</sup>	Mar.	(8)	787.5	-	-	456.8	-	-	330.7	-	-	63.4	-	-	42.4	-	-	114.1	-	-	55.9	-	54.9	-	-
Green Bay, Wis. <sup>6</sup>	July	50	31.8	-	-	18.0	-	-	13.8	-	-	3.6	-	-	1.5	(?)	(?)	5.9	(?)	(?)	.6	(?)	2.3	(?)	(?)
Indianapolis, Ind. <sup>6</sup>	Oct.	50	238.9	-	-	117.7	-	-	121.3	-	-	24.7	-	-	15.1	(?)	(?)	45.1	-	-	23.9	(?)	12.5	(?)	(?)
Kansas City, Mo.-Kans. <sup>6</sup>	Sept.	50	268.3	-	-	106.1	-	-	162.2	-	-	42.7	-	-	22.1	(?)	(?)	48.5	-	-	23.2	(?)	25.6	(?)	(?)
Milwaukee, Wis. <sup>6</sup>	Apr.	50	322.6	-	-	185.6	-	-	137.0	-	-	21.1	-	-	13.1	(?)	(?)	59.3	-	-	19.2	(?)	24.3	-	-
Minneapolis-St. Paul, Minn.-Wis. <sup>6</sup>	Jan.	50	432.9	-	-	181.3	-	-	251.7	-	-	46.3	-	-	40.5	-	-	94.7	-	-	35.3	-	35.0	-	-
Omaha, Nebr.-Iowa	Oct.	50	102.7	52.0	20.9	29.3	21.8	2.4	73.4	30.2	18.5	17.2	8.2	4.8	8.3	(?)	(?)	23.6	(?)	(?)	14.3	(?)	9.9	(?)	(?)
Saginaw, Mich. <sup>6</sup>	Nov.	50	44.0	-	-	32.0	-	-	11.9	-	-	3.0	-	-	.8	(?)	(?)	5.8	(?)	(?)	1.4	(?)	.9	(?)	(?)
St. Louis, Mo.-Ill. <sup>6</sup>	Mar.	(8)	403.4	-	-	206.0	-	-	197.4	-	-	45.7	-	-	27.7	-	-	64.0	-	-	28.7	-	31.3	-	-
South Bend, Ind.	Aug.	50	43.5	25.5	6.1	28.5	19.4	3.3	14.9	6.2	2.8	3.4	1.5	.8	2.2	(?)	(?)	5.1	(?)	(?)	2.3	(?)	2.0	(?)	(?)
Toledo, Ohio-Mich. <sup>6</sup>	May	50	139.0	-	-	77.6	-	-	61.4	-	-	13.7	-	-	8.5	(?)	(?)	25.4	(?)	(?)	5.7	(?)	7.9	(?)	(?)
Wichita, Kans.	Apr.	50	75.5	44.8	11.4	44.0	29.6	5.8	31.5	15.2	5.6	5.1	2.6	1.2	2.6	(?)	(?)	15.8	(?)	(?)	3.6	(?)	4.3	(?)	(?)
<b>West</b>																									
Anaheim-Santa Ana-Garden Grove, Calif. <sup>6</sup>	Oct.	50	266.2	-	-	129.0	-	-	137.1	-	-	13.3	-	-	10.3	(?)	(?)	66.0	-	-	23.2	(?)	24.4	(?)	(?)
Billings, Mont.	July	50	8.7	4.2	1.1	2.4	1.5	.2	6.2	2.6	.9	1.6	.7	.2	.9	(?)	(?)	2.4	(?)	(?)	.6	(?)	.8	(?)	(?)
Denver-Boulder, Colo.	Dec.	50	262.4	119.9	46.7	81.8	47.1	10.5	180.6	72.9	36.2	37.1	18.0	8.2	21.0	(?)	(?)	65.3	33.2	4.2	30.6	(?)	26.6	(?)	(?)
Fresno, Calif. <sup>6</sup>	June	50	42.2	-	-	16.6	-	-	25.7	-	-	4.9	-	-	3.5	-	-	9.5	-	-	3.6	-	4.1	-	-
Los Angeles-Long Beach, Calif. <sup>6</sup>	Oct.	(8)	1,376.3	-	-	593.2	-	-	783.1	-	-	133.7	-	-	110.9	-	-	220.6	-	-	138.0	-	149.2	-	-
Portland, Oreg.-Wash.	May	50	189.4	105.0	33.8	79.1	54.5	8.9	110.3	50.5	24.9	20.0	8.8	4.7	14.2	(?)	(?)	41.2	26.2	3.8	20.2	(?)	14.6	(?)	(?)
Sacramento, Calif.	Dec.	50	79.7	38.1	13.6	19.0	11.4	2.1	60.7	26.8	11.5	10.5	5.1	2.7	3.2	(?)	(?)	29.8	(?)	(?)	8.9	(?)	8.2	(?)	(?)
Salt Lake City-Ogden, Utah <sup>6</sup>	Nov.	50	118.6	-	-	40.0	-	-	78.6	-	-	18.6	-	-	7.6	(?)	(?)	33.4	(?)	(?)	11.6	(?)	7.4	(?)	(?)
San Diego, Calif.	Nov.	50	182.6	84.5	31.8	62.6	30.5	9.3	120.1	54.0	22.5	17.6	9.4	3.7	5.4	(?)	(?)	53.7	(?)	(?)	18.5	(?)	24.9	(?)	(?)
San Francisco-Oakland, Calif. <sup>6</sup>	Mar.	(8)	492.8	-	-	135.0	-	-	357.8	-	-	89.9	-	-	36.5	-	-	78.7	-	-	83.5	-	69.2	-	-
San Jose, Calif. <sup>6</sup>	Mar.	50	226.9	-	-	133.0	-	-	93.9	-	-	13.4	-	-	7.3	(?)	(?)	36.5	-	-	7.9	(?)	28.8	(?)	(?)
Seattle-Everett, Wash.	Jan.	50	245.8	128.5	50.1	103.5	60.4	16.5	142.2	68.2	33.6	31.4	15.2	5.6	15.3	(?)	(?)	47.2	34.9	4.4	27.5	(?)	20.7	(?)	(?)

<sup>1</sup> Consists of Standard Metropolitan Statistical Areas (SMSA's) as defined by the Office of Management and Budget through February 1974.

<sup>2</sup> Totals include executive, professional, part-time, and other workers excluded from the separate plant and office categories. The estimates shown in this table provide a reasonably accurate description of the size and composition of the labor force included in the survey. 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.

<sup>3</sup> Transportation, communication, and other public utilities. Excludes taxicabs and services incidental to water transportation. Municipally operated establishments are excluded by definition from the scope of the study. All or major local-transit systems were municipally operated in Akron, Albany-Schenectady-Troy, Atlanta, Baltimore, Boston, Buffalo, Canton, Chattanooga, Chicago, Cincinnati, Cleveland, Columbus, Corpus Christi, Dallas-Fort Worth, Davenport-Rock Island-Moline, Dayton, Detroit, Gainesville, Green Bay, Greensboro-Winston-Salem-High Point, Indianapolis, Jacksonville, Kansas City, Los Angeles-Long Beach, Memphis, Miami, Milwaukee, New York, Oklahoma City, Omaha, Philadelphia, Pittsburgh, Portland (Oreg.-Wash.), Sacramento, Saginaw, San Antonio, San Diego, San Francisco-Oakland, Seattle-Everett, South Bend, Toledo, Utica-Rome, Washington, and Wichita. Municipally operated electric utility systems were also excluded in Birmingham, Chattanooga, Cleveland, Gainesville, Greensboro-Winston-Salem-High Point, Jacksonville, Los Angeles-Long Beach, and Seattle-Everett. Both the electric and gas systems were municipally operated in Huntsville, Memphis, Omaha, and San Antonio. Gas systems were municipally operated in Indianapolis and Richmond.

<sup>4</sup> Finance, insurance, and real estate. Workers from the entire division are represented in the A tables. Plant workers in finance and insurance are not included in estimates for plant workers in the scope table nor in the B tables. Data for plant workers in real estate, however, are included in "all industries" and "nonmanufacturing" estimates.

<sup>5</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.

<sup>6</sup> Survey limited to occupational earnings; separate plant and office employment totals were not compiled. The most recent plant and office employment data can be found in appendix A, table 1, of BLS Bulletin 1900-81 or 1850-88. Dashes indicate that coverage was sufficient to justify separate presentation of data in the A tables of this bulletin and/or the individual area bulletin.

<sup>7</sup> This industry division is represented in estimates for "all industries" and "nonmanufacturing" in the A tables and the B tables. (Some surveys are limited to occupational earnings. See footnote 6. Also see footnote 4 for exceptions in the finance division.) Separate presentation of data for this division is not made for one or more of the following reasons: (1) Employment in the division is too small to provide enough data to merit separate study, (2) the sample was not designed initially to permit separate presentation, (3) response was insufficient or inadequate to permit separate presentation, and (4) there is possibility of disclosure of individual establishment data.

<sup>8</sup> Minimum establishment size was 50 workers in the wholesale trade, finance, and service industry groups; and 100 workers in the manufacturing, public utilities, and retail trade groups.

NOTE: The 1972 edition of the Standard Industrial Classification Manual was used to classify establishments by industry division.

**Appendix table 2. Employment within scope of surveys<sup>1</sup> by major manufacturing activity, January 1975 through December 1977**

Metropolitan area	Manufacturing employment as percent of employment within scope of surveys	SIC codes <sup>2</sup> of manufacturing industry groups by percent of all manufacturing employment					Metropolitan area	Manufacturing employment as percent of employment within scope of surveys	SIC codes <sup>2</sup> of manufacturing industry groups by percent of all manufacturing employment					
		10 and under 20 percent	20 and under 30 percent	30 and under 40 percent	40 and under 50 percent	50 percent and over			10 and under 20 percent	20 and under 30 percent	30 and under 40 percent	40 and under 50 percent	50 percent and over	
<u>Northeast</u>						<u>South—Continued</u>								
Albany-Schenectady-Troy	54	-	-	-	35	-	Oklahoma City	33	20, 34, 35, 36, 37	-	-	-	-	-
Boston	38	35, 38	36	-	-	-	Richmond	36	28	21	-	-	-	-
Buffalo	58	33, 34, 37	-	-	-	-	San Antonio	28	23, 35	20	-	-	-	-
Hartford	46	34, 35	-	-	37	-	Washington	9	20, 36	-	-	27	-	-
Nassau-Suffolk	40	-	36, 37	-	-	-	<u>North Central</u>							
Newark	48	35	28, 36	-	-	-	Akron	63	34, 35	-	-	30	-	-
New York	27	20, 23, 27, 28	-	-	-	-	Canton	70	34	33, 35	-	-	-	-
Northeast Pennsylvania	60	36	23	-	-	-	Chicago	45	20, 34, 35, 36	-	-	-	-	-
Paterson-Clifton-Passaic	61	22, 28, 36	-	-	-	-	Cincinnati	53	20, 28, 35, 37	-	-	-	-	-
Philadelphia	52	36	-	-	-	-	Cleveland	54	33, 34, 35, 36, 37	-	-	-	-	-
Pittsburgh	55	36	-	-	33	-	Columbus	44	20, 32, 34, 35, 36	-	-	-	-	-
Portland	45	20, 26, 31, 34, 36, 37	-	-	-	-	Davenport-Rock Island-Moline	66	33	-	-	-	-	35
Poughkeepsie	74	-	-	36	35	-	Dayton	59	27, 30, 36, 37	35	-	-	-	-
Providence-Warwick-Pawtucket	65	36	39	-	-	-	Detroit	58	33, 34, 35	-	-	-	-	37
Trenton	61	28, 30, 34, 35	36	-	-	-	Green Bay	57	35	20	-	26	-	-
Utica-Rome	64	33, 34, 35, 36	-	-	-	-	Indianapolis	51	35	36, 37	-	-	-	-
Worcester	57	32, 33, 34, 35	-	-	-	-	Kansas City	38	20, 27, 36, 37	-	-	-	-	-
York	71	-	35	-	-	-	Milwaukee	58	34, 36	35	-	-	-	-
<u>South</u>						<u>West</u>								
Atlanta	30	20	37	-	-	-	Minneapolis-St. Paul	44	20, 26, 36	35	-	-	-	-
Baltimore	44	36	33	-	-	-	Omaha	27	35, 36	-	20	-	-	-
Birmingham	47	20, 34	-	-	33	-	Saginaw	70	-	-	37	33	-	-
Chattanooga	69	28, 34	22	-	-	-	St. Louis	51	33	37	-	-	-	-
Corpus Christi	40	20, 29, 33	28	-	-	-	South Bend	61	30	35	37	-	-	-
Dallas-Fort Worth	39	35	36, 37	-	-	-	Toledo	61	32, 34	37	-	-	-	-
Daytona Beach	24	27, 34	36, 38	-	-	-	Wichita	62	-	-	-	-	-	37
Gainesville	35	20, 32	-	-	36	-	<u>West</u>							
Greensboro-Winston-Salem-High Point	65	21, 25	-	22	-	-	Anaheim-Santa Ana-Garden Grove	49	35	-	36	-	-	-
Greenville-Spartanburg	77	23, 28	-	-	22	-	Billings	28	27	-	29	20	-	-
Houston	33	28, 34	35	-	-	-	Denver-Boulder	31	20, 34, 35	-	-	-	-	-
Huntsville	62	20, 23	36	-	-	-	Fresno	35	35, 37	20	-	-	-	-
Jackson	35	25, 32	20, 36	-	-	-	Los Angeles-Long Beach	38	35, 36	37	-	-	-	-
Jacksonville	24	26, 37	20	-	-	-	Portland	41	20, 24, 37, 38	-	-	-	-	-
Louisville	55	20, 21, 35, 37	36	-	-	-	Sacramento	20	24, 27, 37	-	20	-	-	-
Memphis	38	20, 26, 28, 35	-	-	-	-	Salt Lake City-Ogden	34	20, 37	35	-	-	-	-
Miami	25	20, 34	23	-	-	-	San Diego	31	35, 36	-	37	-	-	-
New Orleans	24	20	-	37	-	-	San Francisco-Oakland	26	20	-	-	-	-	-
Norfolk-Virginia Beach-Portsmouth	32	20, 37	36	-	-	-	San Jose	59	19, 35	-	-	36	-	-
							Seattle-Everett	44	-	-	-	-	-	37

<sup>1</sup> Based on estimates of employment derived from universe materials compiled before the actual survey. Proportions in various groups may differ from proportions based on the results of the survey. For estimates based on the results of the survey and for scope of the survey, see table 1 of appendix A.

<sup>2</sup> Major industry groups, shown with their respective 2-digit Standard Industrial Classifications, are:

20 - Food  
 21 - Tobacco  
 22 - Textiles  
 23 - Apparel  
 24 - Lumber  
 25 - Furniture  
 26 - Paper

27 - Printing  
 28 - Chemicals  
 29 - Petroleum refining  
 30 - Rubber and plastics  
 31 - Leather  
 32 - Stone, clay, and glass  
 33 - Primary metals

34 - Fabricated metals  
 35 - Machinery, except electrical  
 36 - Electrical machinery  
 37 - Transportation equipment  
 38 - Scientific instruments  
 39 - Miscellaneous manufacturing

**Appendix table 3. Employment within scope of surveys<sup>1</sup> by major nonmanufacturing activity, January 1975 through December 1977**

Metropolitan area	Nonmanufacturing employment as percent of employment within scope of surveys	Percent distribution of nonmanufacturing workers by major industry groups and in selected industries <sup>2</sup>													
		Public utilities <sup>3</sup>					Wholesale trade	Retail trade	Finance <sup>4</sup>			Services			
		Total	Railroads	Trucking	Communication	Utilities			Total	Banking	Insurance	Total	Hotels	Personal services	Business services
<b>Northeast</b>															
Albany-Schenectady-Troy	46	24	5	4	9	5	11	29	15	8	5	21	2	1	12
Boston	62	15	1	2	8	2	14	29	21	7	9	22	2	1	11
Buffalo	42	22	5	5	5	5	9	41	13	7	4	16	2	1	8
Hartford	54	10	( <sup>b</sup> )	2	3	3	8	24	45	5	38	13	1	1	8
Nassau-Suffolk	60	16	1	1	7	3	10	42	15	7	4	17	( <sup>b</sup> )	1	9
Newark	52	24	3	4	8	4	13	19	21	6	11	22	1	1	15
New York	73	20	1	2	8	2	12	17	29	11	7	22	2	1	12
Northeast Pennsylvania	40	22	3	7	6	6	6	45	13	8	4	13	8	1	3
Paterson-Clifton-Passaic	39	14	1	4	4	3	15	39	14	6	6	18	2	2	12
Philadelphia	48	18	3	3	6	4	11	32	20	8	7	19	3	1	9
Pittsburgh	45	24	6	3	6	6	11	29	15	7	4	20	3	1	9
Portland	55	19	3	4	9	2	13	35	21	7	13	11	4	1	3
Poughkeepsie	26	20	-	-	11	8	14	42	10	9	1	14	2	1	8
Providence-Warwick-Pawtucket	35	18	1	3	7	5	10	35	24	12	10	14	1	1	8
Trenton	39	17	1	2	9	4	8	26	13	8	4	37	2	1	19
Utica-Rome	36	22	-	2	9	4	8	35	22	9	13	12	( <sup>b</sup> )	4	4
Worcester	43	24	1	2	9	11	12	35	24	8	14	5	1	1	1
York	29	21	1	8	5	6	9	49	7	6	1	13	4	2	2
<b>South</b>															
Atlanta	70	23	2	6	6	2	14	31	15	4	5	17	3	1	7
Baltimore	56	20	3	4	6	4	11	38	15	5	5	17	1	1	10
Birmingham	53	24	4	6	8	5	16	29	15	6	7	15	2	1	5
Chattanooga	31	19	7	4	6	2	8	35	22	7	13	17	3	6	6
Corpus Christi	60	21	1	2	8	7	8	49	8	5	-	14	3	3	6
Dallas-Fort Worth	61	18	2	5	4	2	16	31	17	4	8	18	3	1	10
Daytona Beach	76	11	-	( <sup>b</sup> )	6	3	13	53	11	5	( <sup>b</sup> )	24	20	1	1
Gainesville	65	14	-	1	12	1	6	50	13	6	4	17	8	-	1
Greensboro-Winston-Salem-High Point	35	24	1	13	5	3	10	41	14	6	5	10	2	1	5
Greenville-Spartanburg	23	21	2	9	7	3	10	40	12	5	3	17	3	2	6
Houston	67	18	2	3	4	5	18	34	11	3	4	20	3	1	10
Huntsville	38	6	-	-	6	-	2	37	6	6	-	49	3	-	32
Jackson	65	24	2	4	10	7	6	37	20	6	9	13	2	4	5
Jacksonville	76	16	5	1	7	1	12	34	24	5	14	14	4	( <sup>b</sup> )	7
Louisville	45	22	6	4	6	5	13	36	15	7	5	15	3	3	6
Memphis	62	17	3	7	5	-	17	37	12	6	2	17	6	1	6
Miami	75	26	1	2	6	3	9	31	14	4	2	20	9	1	7
New Orleans	76	23	2	4	6	4	11	33	12	4	2	21	7	1	10
Norfolk-Virginia Beach-Portsmouth	68	18	3	3	6	3	12	45	11	6	2	14	3	2	5
Oklahoma City	67	23	2	8	7	4	11	39	15	6	5	12	2	1	5
Richmond	64	18	3	6	6	3	14	33	21	7	7	14	2	1	9
San Antonio	72	13	2	3	6	( <sup>b</sup> )	11	45	16	5	8	17	5	2	7
Washington	91	17	1	1	7	3	8	29	14	4	3	32	5	2	12
<b>North Central</b>															
Akron	37	25	2	13	5	5	8	45	10	5	2	12	3	1	5
Canton	30	18	-	5	6	7	9	50	13	7	3	7	-	2	2
Chicago	55	20	4	4	6	3	16	26	18	6	7	20	3	2	9
Cincinnati	47	20	4	5	6	4	12	39	14	5	7	15	3	2	7
Cleveland	46	18	3	3	7	3	16	33	16	7	4	17	3	2	7
Columbus	56	16	3	4	5	3	9	38	17	4	8	20	3	1	10

See footnotes at end of table.

**Appendix table 3. Employment within scope of surveys<sup>1</sup> by major nonmanufacturing activity, January 1975 through December 1977—Continued**

Metropolitan area	Nonmanufacturing employment as percent of employment within scope of surveys	Percent distribution of nonmanufacturing workers by major industry groups and in selected industries <sup>2</sup>													
		Public utilities <sup>3</sup>					Wholesale trade	Retail trade	Finance <sup>4</sup>			Services			
		Total	Railroads	Trucking	Communication	Utilities			Total	Banking	Insurance	Total	Hotels	Personal services	Business services
<b>North Central—Continued</b>															
Davenport-Rock Island-Moline	34	26	7	4	8	6	12	35	13	6	6	13	5	1	4
Dayton	41	14	1	2	6	4	10	49	9	5	2	17	2	3	10
Detroit	42	19	2	5	6	5	13	33	17	7	6	18	2	2	9
Green Bay	43	34	6	13	6	8	11	41	4	4	1	10	2	1	6
Indianapolis	49	21	3	7	6	3	12	36	19	5	10	13	3	2	5
Kansas City	62	27	6	6	4	3	14	30	14	4	6	14	3	1	6
Milwaukee	42	18	2	5	5	4	10	41	15	5	7	16	2	2	8
Minneapolis-St. Paul	56	21	4	5	4	3	14	35	14	4	6	15	3	1	6
Omaha	73	25	10	4	7	3	10	32	19	4	12	14	3	1	7
Saginaw	30	21	5	( <sup>6</sup> )	12	3	11	47	14	8	3	7	2	( <sup>6</sup> )	3
St. Louis	49	24	6	5	5	5	15	30	14	6	5	16	3	1	8
South Bend	39	21	1	7	7	5	11	37	19	9	3	13	2	2	5
Toledo	39	25	8	6	6	6	12	41	8	5	2	14	4	1	6
Wichita	38	21	2	3	7	4	9	43	11	6	2	16	3	3	6
<b>West</b>															
Anaheim-Santa Ana-Garden Grove	51	10	( <sup>6</sup> )	1	5	2	8	46	16	5	5	19	2	1	11
Billings	72	28	9	5	7	3	13	36	10	8	2	13	9	1	2
Denver-Boulder	69	21	2	4	6	4	13	36	13	5	4	16	3	2	8
Fresno	65	20	3	3	7	5	12	39	14	7	4	15	4	2	3
Los Angeles-Long Beach	62	15	1	3	5	2	13	26	25	6	15	17	2	1	9
Portland	59	21	3	6	6	5	13	34	17	7	5	14	4	1	7
Sacramento	80	20	5	2	10	2	9	45	13	6	4	13	4	2	4
Salt Lake City-Ogden	66	25	6	7	6	4	11	41	12	6	3	11	3	1	4
San Diego	69	14	( <sup>6</sup> )	1	7	3	5	49	13	6	2	20	6	2	9
San Francisco-Oakland	74	27	3	3	8	4	13	21	21	9	7	18	4	1	7
San Jose	41	16	1	3	9	3	10	37	11	5	2	26	1	1	19
Seattle-Everett	56	17	2	3	7	1	11	34	18	8	6	6	3	1	5

<sup>1</sup> Based on estimates of employment derived from universe materials compiled prior to actual survey. Proportions in various groups may differ from proportions based on the results of the survey. For estimates based on the results of the survey, and for scope of the survey, see table 1 of appendix A.

<sup>2</sup> The 2-digit Standard Industrial Classification codes and more complete titles for the selected industries are:

- 40 - Railroad transportation
- 42 - Motor freight transportation and warehousing
- 48 - Communication
- 49 - Electric, gas, and sanitary services

- 60 - Banking
- 63 - Insurance
- 70 - Hotels, rooming houses, camps, and other lodging places
- 72 - Personal services
- 73 - Business services

<sup>3</sup> Transportation, communication, and other public utilities.

<sup>4</sup> Finance, insurance, and real estate.

<sup>5</sup> Includes industries in addition to those shown separately.

<sup>6</sup> Less than 0.5 percent.

**Appendix table 4. Labor-management agreement coverage,<sup>1</sup> all industries and 2 industry divisions, January 1975 through December 1977**

Metropolitan area	Percent of plant workers employed in—			Percent of office workers employed in—			Metropolitan area	Percent of plant workers employed in—			Percent of office workers employed in—		
	All industries <sup>2</sup>	Manu- facturing	Public utilities <sup>3</sup>	All industries <sup>2</sup>	Manu- facturing	Public utilities <sup>3</sup>		All industries <sup>2</sup>	Manu- facturing	Public utilities <sup>3</sup>	All industries <sup>2</sup>	Manu- facturing	Public utilities <sup>3</sup>
<b>Northeast</b>							<b>South—Continued</b>						
Albany-Schenectady-Troy .....	68	85	99	25	15	95	Richmond .....	49	74	81	13	6	85
Boston .....	50	52	91	10	8	76	San Antonio .....	20	34	70	7	5	64
Buffalo .....	80	90	100	17	14	78	Washington .....	52	65	99	19	22	68
Hartford .....	60	71	82	2	-	39	<b>North Central</b>						
Nassau-Suffolk .....	59	55	74	11	1	77	Akron .....	78	84	98	7	1	53
Newark .....	74	78	100	15	7	89	Canton .....	86	92	100	8	2	47
New York .....	81	89	99	14	10	57	Chicago .....	68	68	98	11	7	70
Northeast Pennsylvania .....	74	83	100	9	6	43	Cincinnati .....	64	75	87	12	6	70
Paterson-Clifton-Passaic .....	85	91	96	7	2	78	Cleveland .....	79	87	99	7	3	58
Philadelphia .....	72	80	86	12	15	61	Columbus .....	58	78	94	5	-	49
Pittsburgh .....	82	97	99	27	42	64	Davenport-Rock Island-Moline .....	81	91	90	10	8	54
Portland .....	40	50	82	9	-	83	Dayton .....	69	84	88	9	3	72
Poughkeepsie .....	34	36	81	12	10	88	Detroit .....	89	98	98	17	18	59
Providence-Warwick-Pawtucket .....	39	38	98	6	6	45	Green Bay .....	77	90	99	6	1	31
Trenton .....	76	79	99	14	6	95	Indianapolis .....	66	86	99	8	2	72
Utica-Rome .....	51	56	97	11	5	96	Kansas City .....	71	82	99	13	1	61
Worcester .....	42	41	100	15	3	98	Milwaukee .....	75	90	92	22	14	92
York .....	56	63	94	11	16	23	Minneapolis-St. Paul .....	71	72	97	11	1	51
<b>South</b>							Omaha .....	56	73	99	18	6	74
Atlanta .....	45	68	66	12	26	49	Saginaw .....	89	98	98	14	-	65
Baltimore .....	63	82	79	18	23	52	St. Louis .....	82	91	99	15	7	83
Birmingham .....	57	72	93	13	21	53	South Bend .....	86	94	92	18	11	89
Chattanooga .....	44	52	88	11	11	81	Toledo .....	86	96	100	20	16	79
Corpus Christi .....	25	40	60	8	-	49	Wichita .....	58	76	92	7	-	64
Dallas-Fort Worth .....	40	56	86	8	11	45	<b>West</b>						
Daytona Beach .....	16	16	98	7	-	67	Anaheim-Santa Ana-Garden Grove ..	41	41	92	13	15	68
Gainesville .....	38	71	( <sup>4</sup> )	9	-	( <sup>4</sup> )	Billings .....	63	85	89	18	4	80
Greensboro-Winston-Salem- High Point .....	18	16	76	2	-	15	Denver-Boulder .....	48	56	95	11	3	21
Greenville-Spartanburg .....	11	11	65	3	-	45	Fresno .....	61	71	98	7	-	48
Houston .....	35	49	85	5	2	28	Los Angeles-Long Beach .....	56	62	95	16	18	69
Huntsville .....	33	37	( <sup>4</sup> )	13	16	( <sup>4</sup> )	Portland .....	68	70	98	13	2	69
Jackson .....	37	52	87	10	-	63	Sacramento .....	63	58	90	25	27	93
Jacksonville .....	37	64	87	11	-	86	Salt Lake City-Ogden .....	33	39	82	7	1	31
Louisville .....	73	92	99	11	3	74	San Diego .....	51	66	92	8	25	*
Memphis .....	58	83	86	9	10	74	San Francisco-Oakland .....	82	84	98	20	9	50
Miami .....	30	18	85	8	2	39	San Jose .....	46	45	97	16	28	20
New Orleans .....	29	49	82	11	3	41	Seattle-Everett .....	82	88	100	21	4	74
Norfolk-Virginia Beach-Portsmouth .....	37	66	90	11	-	69							
Oklahoma City .....	30	40	22	11	10	54							

<sup>1</sup> All plant or office workers in establishments were considered to be covered by a union contract if a majority of such workers in that establishment were covered. All other plant and office workers were employed in establishments that either did not have labor-management contracts, or had contracts that applied to fewer than half of their plant workers or office workers. Estimates do not necessarily represent the extent to which all workers in the area may be covered by labor-management agreements because of the exclusion of small establishments. Data are limited to establishments with 50 employees or more except in the 13 largest areas where the minimum size adopted was 100 employees in manufacturing, public utilities, and retail trade. See appendix A, table 1, for further explanation of the scope of the surveys.

<sup>2</sup> "All industries" includes data for divisions not shown separately.

<sup>3</sup> Transportation, communication, and other public utilities. Excludes taxicabs, services incidental to water transportation, and municipally operated establishments.

<sup>4</sup> Data for this division are not presented separately because of one or more of the reasons mentioned in footnote 7 to table 1 of appendix A. However, data for this division are included in "all industries."

\* Less than 0.5 percent.

NOTE: Dashes indicate no data reported.





# Appendix B. Occupational Descriptions

The primary purpose of preparing job descriptions for the Bureau's wage surveys is to assist its field representatives 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; and part-time, temporary, and probationary workers. Handicapped workers whose earnings are reduced because of their handicap are also excluded. Trainees are excluded from the survey except for those receiving on-the-job training in some of the lower level professional and technical occupations.

## Office

SECRETARY—revised description

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

SECRETARY—Continued

### Exclusions—Continued

- a. Positions which do not meet the "personal" secretary concept described above;
- b. Stenographers not fully trained in secretarial-type duties;
- c. Stenographers serving as office assistants to a group of professional, technical, or managerial persons;
- d. Assistant-type positions which entail more difficult or more responsible technical, administrative, or supervisory duties which are not typical of secretarial work, e.g., Administrative Assistant, or Executive Assistant;

The Bureau has revised several occupational titles which more nearly reflect usual word order and are more descriptive of the survey jobs.

Revised occupational descriptions were introduced in January 1977 for secretary, shipper and receiver, and guard, and in January 1976 for order clerk, payroll clerk, and transcribing machine typist. The new descriptions are being phased in over a three-year period. They are the result of the Bureau's policy of periodically reviewing area wage survey occupational descriptions in order to take into account technological developments and to clarify descriptions so that they are more readily understood and uniformly interpreted.

The revised descriptions reflect basically the same occupations as previously defined, but some reporting changes may occur because of the revisions. The revised five-level description for secretary and the revised two-level description for order clerk are not equivalent to the old job descriptions. Workers previously classified as watchmen are now classified as guards under the revised description. Both the old and new job descriptions for these jobs are presented in this appendix. For secretaries, the revised job description was used in those areas for which data are presented in the B-series tables. In all other areas, the old job description was used.

The Bureau has discontinued collecting data for tabulating-machine operator.

SECRETARY—Continued

Exclusions—Continued

- e. Positions which do not fit any of the situations listed in the sections below titled "Level of Supervisor," e.g., secretary to the president of a company that employs, in all, over 5,000 persons;
- f. Trainees.

Classification by Level

Secretary jobs which meet the above characteristics are matched at one of five levels according to (a) the level of the secretary's supervisor within the company's organizational structure and, (b) the level of the secretary's responsibility. The chart following the explanations of these two factors indicates the level of the secretary for each combination of the factors.

Level of Secretary's Supervisor (LS)

Secretaries should be matched at one of the four LS levels described below according to the level of the secretary's supervisor within the company organizational structure.

- LS-1
  - a. Secretary to the supervisor or head of a small organizational unit (e.g., fewer than about 25 or 30 persons); or
  - b. Secretary to a nonsupervisory staff specialist, professional employee, administrative officer or assistant, skilled technician or expert. (NOTE: Many companies assign stenographers, rather than secretaries as described above, to this level of supervisory or nonsupervisory worker.)
- LS-2
  - a. Secretary to an executive or managerial person whose responsibility is not equivalent to one of the specific level situations in the definition for LS-3, 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
  - b. Secretary to the head of an individual plant, factory, etc., (or other equivalent level of official) that employs, in all, fewer than 5,000 persons.
- LS-3
  - a. Secretary to the chairman of the board or president of a company that employs, in all, fewer than 100 persons; or
  - b. Secretary to a corporate officer (other than chairman of the board or president) of a company that employs, in all, over 100 but fewer than 5,000 persons; or
  - c. Secretary to the head (immediately below the officer level) over either a major corporatewide 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
  - d. Secretary to the head of an individual plant, factory, etc., (or other equivalent level of official) that employs, in all, over 5,000 persons; or

SECRETARY—Continued

Classification by Level—Continued

- e. Secretary to the head of a large and important organizational segment (e.g., a middle management supervisor of an organizational segment often involving as many as several hundred persons) of a company that employs, in all, over 25,000 persons.
- LS-4
    - a. Secretary to the chairman of the board or president of a company that employs, in all, over 100 but fewer than 5,000 persons; or
    - b. Secretary to a corporate officer (other than the chairman of the board or president) of a company that employs, in all, over 5,000 but fewer than 25,000 persons; or
    - c. Secretary to the head, immediately below the corporate officer level, of a major segment or subsidiary of a company that employs, in all, over 25,000 persons.

NOTE: The term "corporate officer" used in the above LS definition refers to those officials who have a significant corporatewide policy-making 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 definition.

Level of Secretary's Responsibility (LR)

This factor evaluates the nature of the work relationship between the secretary and the supervisor, and the extent to which the secretary is expected to exercise initiative and judgment. Secretaries should be matched at LR-1 or LR-2 described below according to their level of responsibility.

Level of Responsibility 1 (LR-1)

Performs varied secretarial duties including or comparable to most of the following:

- a. Answers telephones, greets personal callers, and opens incoming mail.
- b. Answers telephone requests which have standard answers. May reply to requests by sending a form letter.
- c. Reviews correspondence, memoranda, and reports prepared by others for the supervisor's signature to ensure procedural and typographical accuracy.
- d. Maintains supervisor's calendar and makes appointments as instructed.
- e. Types, takes and transcribes dictation, and files.

## Level of Responsibility 2 (LR-2)

Performs duties described under LR-1 and, in addition performs tasks requiring greater judgment, initiative, and knowledge of office functions including or comparable to most of the following:

- a. Screens telephone and personal callers, determining which can be handled by the supervisor's subordinates or other offices.
- b. Answers requests which require a detailed knowledge of office procedures or collection of information from files or other offices. May sign routine correspondence in own or supervisor's name.
- c. Compiles or assists in compiling periodic reports on the basis of general instructions.
- d. Schedules tentative appointments without prior clearance. Assembles necessary background material for scheduled meetings. Makes arrangements for meetings and conferences.
- e. Explains supervisor's requirements to other employees in supervisor's unit. (Also types, takes dictation, and files.)

The following chart shows the level of the secretary for each LS and LR combination.

Level of secretary's supervisor	Level of secretary's responsibility	
	LR-1	LR-2
LS-1 -----	Class E	Class D
LS-2 -----	Class D	Class C
LS-3 -----	Class C	Class B
LS-4 -----	Class B	Class A

## SECRETARY—previous description

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

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

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

Exclusions

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

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

NOTE: The term "corporate officer," used in the level definitions following, refers to those officials who have a significant corporatewide 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

Class B—Continued

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

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

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

Class C

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

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

Class D

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

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

## STENOGRAPHER

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

**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, 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 follow-up files; assembling material for reports, memorandums, and letters; composing simple letters from general instructions; reading and routing incoming mail; and answering routine questions, etc.

## TRANSCRIBING-MACHINE TYPIST

Primary duty is to type copy of voice recorded dictation which does not involve varied technical or specialized vocabulary such as that used in legal briefs or reports on scientific research. May also type from written copy. May maintain files, keep simple records, or perform other relatively routine clerical tasks. (See Stenographer definition for workers involved with shorthand dictation.)

## 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.

## FILE CLERK

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.

## FILE CLERK—Continued

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

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

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

## MESSENGER

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.

## SWITCHBOARD OPERATOR

Operates a telephone switchboard or console used with a private branch exchange (PBX) system to relay incoming, outgoing, and intrasystem calls. May provide information to callers, record and transmit messages, keep record of calls placed and toll charges. Besides operating a telephone switchboard or console, may also type or perform routine clerical work (typing or routine clerical work may occupy the major portion of the worker's time, and is usually performed while at the switchboard or console). Chief or lead operators in establishments employing more than one operator are excluded. For an operator who also acts as a receptionist, see Switchboard Operator-Receptionist.

## SWITCHBOARD OPERATOR-RECEPTIONIST

At a single-position telephone switchboard or console, acts both as an operator—see Switchboard Operator—and as a receptionist. Receptionist's work involves such duties as greeting visitors; determining nature of visitor's business and providing appropriate information; referring visitor to appropriate person in the organization or contacting that person by telephone and arranging an appointment; keeping a log of visitors.

## ORDER CLERK—revised description

Receives written or verbal customers' purchase orders for material or merchandise from customers or sales people. Work typically involves some combination of the following duties: Quoting prices; determining availability of ordered items and suggesting substitutes when necessary; advising expected delivery date and method of delivery; recording order and customer information on order sheets; checking order sheets for accuracy and

## ORDER CLERK—Continued

adequacy of information recorded; ascertaining credit rating of customer; furnishing customer with acknowledgement of receipt of order; following-up to see that order is delivered by the specified date or to let customer know of a delay in delivery; maintaining order file; checking shipping invoice against original order.

Exclude workers paid on a commission basis or whose duties include any of the following: Receiving orders for services rather than for material or merchandise; providing customers with consultative advice using knowledge gained from engineering or extensive technical training; emphasizing selling skills; handling material or merchandise as an integral part of the job.

Positions are classified into levels according to the following definitions:

Class A. Handles orders that involve making judgments such as choosing which specific product or material from the establishment's product lines will satisfy the customer's needs, or determining the price to be quoted when pricing involves more than merely referring to a price list or making some simple mathematical calculations.

Class B. Handles orders involving items which have readily identified uses and applications. May refer to a catalog, manufacturer's manual, or similar document to insure that proper item is supplied or to verify price of ordered item.

## ORDER CLERK—previous description

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.

## ACCOUNTING CLERK

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.

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.

#### 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 machine biller), cost distribution, expense distribution, inventory control, etc. May check or assist in preparation of trial balances and prepare control sheets for the accounting department.

#### MACHINE BILLER

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, machine billers are classified by type of machine, as follows:

**Billing-machine biller.** Uses a special billing machine (combination typing and adding machine) to prepare bills and invoices from customers' purchase orders, internally prepared orders, shipping memoranda, etc.

## Professional and Technical

#### COMPUTER SYSTEMS ANALYST, BUSINESS

Analyzes business problems to formulate procedures for solving them by use of electronic data processing equipment. Develops a complete description of all specifications needed to enable programmers to prepare

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.

**Bookkeeping-machine biller.** 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.

#### PAYROLL CLERK

Performs the clerical tasks necessary to process payrolls and to maintain payroll records. Work involves most of the following: Processing workers' time or production records; adjusting workers' records for changes in wage rates, supplementary benefits, or tax deductions; editing payroll listings against source records; tracing and correcting errors in listings; and assisting in preparation of periodic summary payroll reports. In a non-automated payroll system, computes wages. Work may require a practical knowledge of governmental regulations, company payroll policy, or the computer system for processing payrolls.

#### KEYPUNCH OPERATOR

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

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

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

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

#### COMPUTER SYSTEMS ANALYST, BUSINESS—Continued

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 programming (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 programming should be classified as systems analysts if this is the skill used to determine their pay.)

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

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

Class A. Works independently or under only general direction on complex problems involving all phases of systems analysis. Problems are complex because of diverse sources of input data and multiple-use requirements of output data. (For example, develops an integrated production scheduling, inventory control, cost analysis, and sales analysis record in which every item of each type is automatically processed through the full system of records and appropriate followup actions are initiated by the computer.) Confers with persons concerned to determine the data processing problems and advises subject-matter personnel on the implications of new or revised systems of data processing operations. Makes recommendations, if needed, for approval of major systems installations or changes and for obtaining equipment.

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

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

OR

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

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

Converts statements of business problems, typically prepared by a systems analyst, into a sequence of detailed instructions which are required to solve the problems by automatic data processing equipment. Working from charts or diagrams, the programmer develops the precise instructions which, when entered into the computer system in coded language, cause the manipulation of data to achieve desired results. Work involves most of the following: Applies knowledge of computer capabilities, mathematics, logic employed by computers, and particular subject matter involved to analyze charts and diagrams of the problem to be programmed; develops sequence of program steps; writes detailed flow charts to show order in which data will be processed; converts these charts to coded instructions for machine to follow; tests and corrects programs; prepares instructions for operating personnel during production run; analyzes, reviews, and alters programs to increase operating efficiency or adapt to new requirements; maintains records of program development and revisions. (NOTE: Workers performing both systems analysis and programming should be classified as systems analysts if this is the skill used to determine their pay.)

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

For wage study purposes, programmers are classified as follows:

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

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

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

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 recordkeeping operations.

OR

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

May guide or instruct lower level programmers.

Class C. Makes practical applications of programming 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 OPERATOR

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

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

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

Class B. Operates independently, or under only general direction, a computer running programs with most of the following characteristics: Most of the programs are established production runs, typically run on a regularly recurring basis; there is little or no testing of new programs required; alternate programs are provided in case original program needs major change or cannot be corrected within a reasonably short time. In common error situations, diagnoses cause and takes corrective action. This usually involves applying previously programmed corrective steps, or using standard correction techniques.

OR

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

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

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 drafters.

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.

#### DRAFTER-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.

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 repairers 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 drafters, 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, electromagnetic 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 can 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.

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.

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, Toolroom, and Powerplant

### MAINTENANCE CARPENTER

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.

### MAINTENANCE ELECTRICIAN

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

### MAINTENANCE PAINTER

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.

## MAINTENANCE MACHINIST

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

## MAINTENANCE MECHANIC (MACHINERY)

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 the machine to a machine shop for major repairs; preparing written specifications for major repairs or for the production of parts ordered from machine shops; reassembling machines; and making all necessary adjustments for operation. In general, the work of a machinery 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.

## MAINTENANCE MECHANIC (MOTOR VEHICLE)

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

## MAINTENANCE PIPEFITTER

Installs or repairs water, steam, gas, or other types of pipe and pipefittings in an establishment. Work involves most of the following: Laying out 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

## MAINTENANCE PIPEFITTER—Continued

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.

## MAINTENANCE SHEET-METAL WORKER

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.

## 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 work; interpreting blueprints or other specifications; using a variety of handtools and rigging; making standard shop computations relating to stresses, strength of materials, and centers of gravity; aligning and balancing 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.

## MAINTENANCE TRADES HELPER

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 operating one or more than one type of machine tool (e.g., jig borer, grinding machine, engine lathe, milling machine) to machine metal for use in making or maintaining jigs, fixtures, cutting tools, gauges, or metal dies or molds used in shaping or forming metal or nonmetallic material (e.g., plastic, plaster, rubber, glass). Work typically involves: Planning and performing difficult machining operations which require complicated setups or a high degree of accuracy; setting up machine

tool or tools (e.g., install cutting tools and adjust guides, stops, working tables, and other controls to handle the size of stock to be machined; determine proper feeds, speeds, tooling, and operation sequence or select those prescribed in drawings, blueprints, or layouts); using a variety of precision measuring instruments; making necessary adjustments during machining operation to achieve requisite dimensions to very close tolerances. May be required to select proper coolants and cutting and lubricating oils, to recognize when tools need dressing, and to dress tools. In general, the work of a machine-tool operator (toolroom) at the skill level called for in this classification requires extensive knowledge of machine-shop and toolroom practice usually acquired through considerable on-the-job training and experience.

For cross-industry wage study purposes, this classification does not include machine-tool operators (toolroom) employed in tool and die jobbing shops.

#### TOOL AND DIE MAKER

Constructs and repairs jigs, fixtures, cutting tools, gauges, or metal dies or molds used in shaping or forming metal or nonmetallic material (e.g., plastic, plaster, rubber, glass). Work typically involves: Planning and laying out work according to models, blueprints, drawings, or other written or oral specifications; understanding the working properties of common metals and alloys; selecting appropriate materials, tools, and processes required to complete task; making necessary shop computations; setting up and operating various machine tools and related equipment; using various tool and die maker's handtools and precision measuring instruments; working to very close tolerances; heat-treating metal parts and finished tools and dies to achieve required qualities; fitting and assembling parts to prescribed tolerances and allowances. In general, the tool and die maker's work requires rounded training in machine-shop and toolroom practice usually acquired through formal apprenticeship or equivalent training and experience.

For cross-industry wage study purposes, this classification does not include tool and die makers who (1) are employed in tool and die jobbing shops or (2) produce forging dies (die sinkers).

#### STATIONARY ENGINEER

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.

#### BOILER TENDER

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.

## Material Movement and Custodial

### TRUCKDRIVER

Drives a truck within a city or industrial area to transport materials, merchandise, equipment, or workers 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. Salesroute and over-the-road drivers are excluded.

For wage study purposes, truckdrivers are classified by type and rated capacity of truck, as follows:

- Truckdriver, light truck  
(straight truck, under 1½ tons, usually 4 wheels)
- Truckdriver, medium truck  
(straight truck, 1½ to 4 tons inclusive, usually 6 wheels)
- Truckdriver, heavy truck  
(straight truck, over 4 tons, usually 10 wheels)
- Truckdriver, tractor-trailer

### SHIPPER AND RECEIVER

Performs clerical and physical tasks in connection with shipping goods of the establishment in which employed and receiving incoming shipments. In performing day-to-day, routine tasks, follows established guidelines. In handling unusual nonroutine problems, receives specific guidance from supervisor or other officials. May direct and coordinate the activities of other workers engaged in handling goods to be shipped or being received.

Shippers typically are responsible for most of the following: Verifying that orders are accurately filled by comparing items and quantities of goods gathered for shipment against documents; insuring that shipments are properly packaged, identified with shipping information, and loaded into transporting vehicles; preparing and keeping records of goods shipped, e.g., manifests, bills of lading.

Receivers typically are responsible for most of the following: Verifying the correctness of incoming shipments by comparing items and quantities unloaded against bills of lading, invoices, manifests, storage receipts, or other records; checking for damaged goods; insuring that goods are appropriately identified for routing to departments within the establishment; preparing and keeping records of goods received.

For wage study purposes, workers are classified as follows:

- Shipper
- Receiver
- Shipper and receiver

### 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

## WAREHOUSEMAN—Continued

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 primary duties involve shipping and receiving work (see Shipper and Receiver and Shipping Packer), order filling (see Order Filler), or operating power trucks (see Power-Truck Operator).

## 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.

## SHIPPING PACKER

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.

## MATERIAL HANDLING LABORER

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. Longshore workers, who load and unload ships, are excluded.

## POWER-TRUCK OPERATOR

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.

## POWER-TRUCK OPERATOR—Continued

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

- Forklift operator
- Power-truck operator (other than forklift)

## GUARD

Protects property from theft or damage, or persons from hazards or interference. Duties involve serving at a fixed post, making rounds on foot or by motor vehicle, or escorting persons or property. May be deputized to make arrests. May also help visitors and customers by answering questions and giving directions.

Guards employed by establishments which provide protective services on a contract basis are included in this occupation.

For wage study purposes, guards are classified as follows:

Guard A. Enforces regulations designed to prevent breaches of security. Exercises judgment and uses discretion in dealing with emergencies and security violations encountered. Determines whether first response should be to intervene directly (asking for assistance when deemed necessary and time allows), to keep situation under surveillance, or to report situation so that it can be handled by appropriate authority. Duties require specialized training in methods and techniques of protecting security areas. Commonly, the guard is required to demonstrate continuing physical fitness and proficiency with firearms or other special weapons.

Guard B. Carries out instructions primarily oriented toward insuring that emergencies and security violations are readily discovered and reported to appropriate authority. Intervenes directly only in situations which require minimal action to safeguard property or persons. Duties require minimal training. Commonly, the guard is not required to demonstrate physical fitness. May be armed, but generally is not required to demonstrate proficiency in the use of firearms or special weapons.

## GUARD AND WATCHMAN

Guard. Performs routine police duties, either at fixed post or on tour, maintaining order, using arms or force where necessary. Includes guards 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.



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