



Section 13

Labor Force, Employment, and Earnings

This section presents data on the labor force; its distribution by occupation and industry affiliation; and the supply of, demand for, and conditions of labor.

The chief sources of these data are the Current Population Survey conducted by the U.S. Bureau of the Census; and the monthly *Employment and Earnings*, the *Monthly Labor Review*, the annual *Handbook of Labor Statistics*, and the periodic *Special Labor Force Reports*, published by the U.S. Bureau of Labor Statistics. Detailed data on the labor force are also available from the Census Bureau's decennial census of population.

Types of data.—Most statistics in this section are obtained by two methods: household interviews or questionnaires, and reports of establishment payroll records. Each method provides data which the other cannot suitably supply. Population characteristics, for example, are readily obtainable only from the household survey, while detailed industrial classification can be readily derived only from establishment records.

Data based on households are obtained from a monthly sample survey of the population. The Current Population Survey (CPS) is used to gather data for the week including the 12th of the month, and provides current comprehensive data on the labor force (see text, p. 1). CPS provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, according to the job at which they work the most hours during the survey week.

Monthly data from CPS are published by the Bureau of Labor Statistics (BLS) in *Employment and Earnings* and the related reports mentioned above. Data presented include national totals, by sex, race, and age, of the number of persons in the civilian labor force; the number employed, hours of work, and industry and occupational groups; and the number unemployed, reasons for, and duration of, unemployment. Annual data shown in this section are monthly averages for each calendar year, unless otherwise specified.

In addition to monthly national data, CPS also produces annual estimates of employment and unemployment for each State and the 30 largest standard metropolitan statistical areas (SMSA's). These estimates are published by BLS in its annual *Geographic Profile of Employment and Unemployment*. More detailed geographic data (e.g., for counties and cities) are provided by the decennial population censuses.

Data based on establishment records are compiled by BLS and cooperating State agencies as part of an ongoing Current Employment Statistics Program. Data, gathered from a sample of employers who voluntarily complete mail questionnaires monthly, are supplemented by data from other government agencies and adjusted at intervals to data from government social insurance program reports. The estimates exclude proprietors of unincorporated firms, self-employed persons, private household workers, unpaid family workers, agricultural workers, and the Armed Forces. In March 1978, reporting establishments employed 11 million manufacturing workers (56 percent of the total manufacturing employment at the time), 11 million workers in nonmanufacturing industries (24 percent of the total in nonmanufacturing), and 10 million Federal, State, and local government employees (68 percent of total government).

The establishment survey counts workers each time they appear on a payroll during the reference week (as with CPS, the week including the 12th of the month). Thus, unlike CPS, a person with two jobs is counted twice.

The establishment survey is designed to provide detailed industry information for the Nation, States, and metropolitan areas on nonagricultural wage and salary employment, average

weekly hours, average hourly and weekly earnings, and labor turnover. Establishment survey data are published in *Employment and Earnings* and *Monthly Labor Review*, cited above. Historical data, in geographic detail, are shown in BLS Bulletin No. 1370-13, *Employment and Earnings, States and Areas, 1939-78*; and in the *Handbook of Labor Statistics*.

Labor force.—According to CPS definitions, the total labor force comprises the Armed Forces and the civilian labor force, and the latter comprises all civilians classified according to the criteria below: Employed persons comprise (a) all civilians who, during the reference week, did any work for pay or profit (minimum of an hour's work) or worked 15 hours or more as unpaid workers in a family enterprise, and (b) all persons who were not working but who had jobs or businesses from which they were temporarily absent for noneconomic reasons (illness, bad weather, vacation, labor-management dispute, etc.). Unemployed persons comprise all civilians who had no employment during the reference week, who made specific efforts to find a job within the previous four weeks (such as applying directly to an employer, or to a public employment service, or checking with friends) and who were available for work during that week. Persons on layoff from a job or waiting to report to a new job within 30 days are also classified as unemployed. All other persons, 16 years old and over, are "not in the labor force."

Information from the 1970 Census of Population introduced into estimation procedures in 1972, led to increases in the totals for civilian noninstitutional population, labor force, and employment, but had essentially no effect on unemployment levels and rates. A population adjustment, introduced in March 1973, also affected the statistics by race but had little effect on totals or rates. Further changes were caused by the comprehensive revision in classification of occupations and industries for the 1970 census, and from inclusion of a question on major activities or duties in the December 1971 CPS. As a result, comparisons of occupational employment levels between 1971-1972 and prior periods and between those two years should be made with caution. The 1972 data, however, are comparable with those for later years. Beginning in 1978, expansion of the CPS sample and revisions in the estimation procedure once again led to upward adjustments in the civilian labor force and employment totals. Unemployment levels were essentially unchanged.

Hours and earnings.—Average hourly earnings, based on establishment data, are gross earnings (i.e., earnings before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those for which pay was received. Persons who worked 35 hours or more are classified as working full time; those working less than 35 hours are considered part-time workers (see table 702).

Industrial and occupational groups.—Establishments responding to the establishment survey are classified into industries on the basis of their principal product or activity (determined by annual sales volume) in accordance with the *Standard Industrial Classification (SIC) Manual*, Office of Management and Budget; 1972 is the latest issue. The SIC is a classification structure for the entire national economy. The structure provides data on a division and industry code basis, according to the level of industrial detail. For example, manufacturing is a major industrial division; food and kindred products (code 20) is one of its major groups. One of the ways this group is further divided is into meat products (code 201) and meat packing plants (code 2011). Periodically, the SIC is revised to reflect changes in the industrial composition of the economy. As mentioned above, the occupational and industrial groups used in classifying data from the CPS household interviews are defined as in the 1970 Census of Population.

Productivity.—BLS publishes measures of productivity under two major programs which measure the relationship between production and one factor of input, labor time. The first program is concerned with measures relating to private business as a whole and its various sub-sectors; the second provides measures for selected specific industries and various functional areas of the Federal civilian government. Data for the first program are published quarterly in the BLS press releases, *Productivity and Costs: Private Business, Nonfarm Business, and Manufacturing Sectors*, and *Productivity and Costs: Nonfinancial Corporate Sector*. Data for the second program are published annually in the BLS Bulletin, *Productivity Indexes for Selected Industries*. Conceptual and background information concerning the Federal-sector measures appears in *Monthly Labor Review*, Nov. 1974. Detailed information on methods, limitation, and data sources for both programs appears in BLS *Handbook of Methods*, BLS Bulletin 1910 (1976), chapters 30 and 31.

Labor turnover.—Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, relating to a calendar month, is divided into two broad types: Accessions (new hires and rehires), and

separations (quits, layoffs, and terminations). The data cover all workers, temporary or permanent, and full- or part-time.

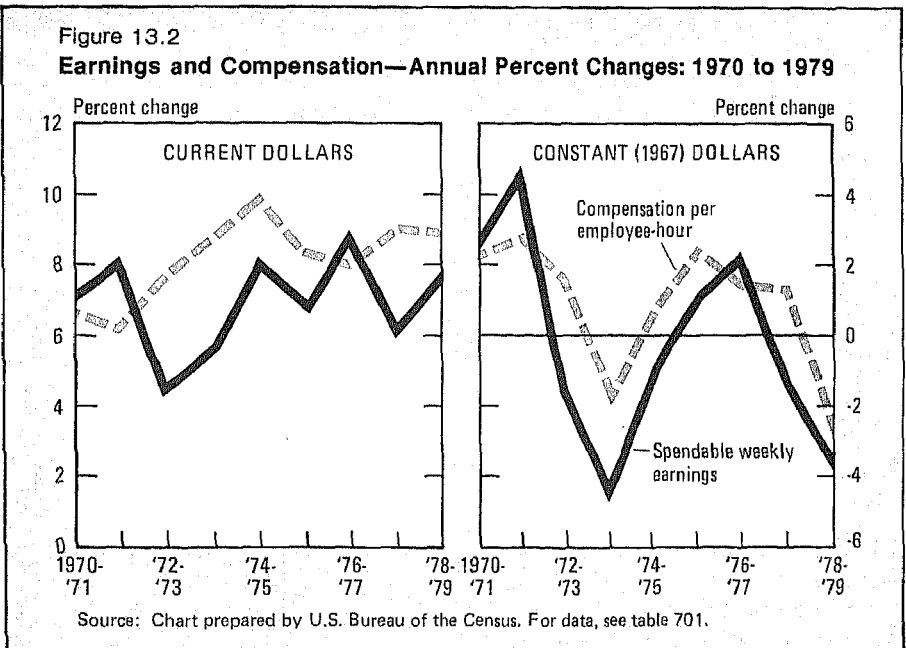
Unions.—As defined here, unions include all affiliates of the AFL-CIO, all unaffiliated national unions, and all unaffiliated unions which are party to collective bargaining agreements with different employers in more than one State. The definition excludes unions whose activities are confined to a single locality or to a single employer. In addition, BLS accounts for all unions of Federal Government employees that have received exclusive recognition. Collective bargaining settlements data are available for unions of 1,000 members or more.

Work stoppages.—Work stoppages include all strikes and lockouts known to BLS and its cooperating agencies which last for at least one full day or shift and involve six or more workers. All stoppages, whether or not authorized by a union, legal or illegal, are counted. Excluded are work slowdowns and instances where employees report to work late, or leave early, to attend mass meetings or mass rallies.

Seasonal adjustment.—Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation (e.g., climate or school openings and closings), it is possible to observe the cyclical and other non-seasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors, but also are affected by the uncertainties of the adjustment process itself.

Statistical reliability.—For discussion of statistical collection, estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau and BLS data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.



NO. 652. LABOR FORCE AND EMPLOYMENT: 1947 TO 1980

[Persons 16 years old and over. Annual averages of monthly figures, except as indicated. See Appendix III for methodology. See also *Historical Statistics, Colonial Times to 1970*, series D 11-19 and D 85-86]

YEAR	Total non-institutional population ¹ (mil.)	TOTAL LABOR FORCE ¹			CIVILIAN LABOR FORCE						NOT IN LABOR FORCE		
		Total (mil.)	Percent		Total (mil.)	Female		Employed		Unemployed		Total (mil.)	Percent of noninstitutional population
			Of noninstitutional population	Average annual change ²		Total (mil.)	Percent of civilian labor force	Total (mil.)	Percent of noninstitutional population	Total (mil.)	Percent of civilian labor force		
1947.....	103.4	60.9	58.9	(x)	59.4	16.7	28.1	57.0	55.2	2.3	3.9	42.5	41.1
1950.....	106.6	63.9	59.9	1.6	62.2	18.4	29.6	58.9	55.2	3.3	5.3	42.8	40.1
1955.....	112.7	68.1	60.4	1.3	65.0	20.5	31.6	62.2	55.2	2.9	4.4	44.7	39.6
1960.....	119.8	72.1	60.2	1.2	69.6	23.2	33.4	65.8	54.9	3.9	5.5	47.6	39.8
1965.....	129.2	77.2	59.7	1.4	74.5	26.2	35.2	71.1	55.0	3.4	4.5	52.1	40.3
1967.....	133.3	80.8	60.6	2.3	77.3	28.4	36.7	74.4	55.8	3.0	3.9	52.5	39.4
1968.....	135.6	82.3	60.7	1.9	78.7	29.2	37.1	75.9	56.0	2.8	3.6	53.3	39.3
1969.....	137.9	84.2	61.1	2.3	80.7	30.5	37.8	77.9	56.5	2.8	3.5	53.6	38.9
1970.....	140.2	85.9	61.3	2.0	82.7	31.5	38.1	78.6	56.1	4.1	4.9	54.3	38.7
1971.....	142.6	86.9	61.0	1.2	84.1	32.1	38.2	79.1	55.5	5.0	5.9	55.7	39.0
1972.....	145.8	89.0	61.0	2.4	86.5	33.3	38.5	81.7	56.0	4.8	5.6	56.8	39.0
1973.....	148.3	91.0	61.4	2.3	88.7	34.5	38.9	84.4	56.9	4.3	4.9	57.2	38.6
1974.....	150.8	93.2	61.8	2.4	91.0	35.8	39.4	85.9	57.0	5.1	5.6	57.6	38.2
1975.....	153.4	94.8	61.8	1.7	92.6	37.0	39.9	84.8	55.3	7.8	8.5	58.7	38.2
1976.....	156.0	96.9	62.1	2.2	94.8	38.4	40.5	87.5	56.1	7.3	7.7	59.1	37.9
1977.....	158.6	99.5	62.8	2.7	97.4	40.0	41.0	90.5	57.1	6.9	7.0	59.0	37.2
1978.....	161.1	102.5	63.7	3.0	100.4	41.9	41.7	94.4	58.6	6.0	6.0	58.5	36.3
1979.....	163.6	105.0	64.2	2.4	102.9	43.4	42.2	96.9	59.3	6.0	5.8	58.6	35.8
1980, Jan.-May ³	165.5	106.5	64.4	2.0	104.4	44.3	42.4	97.5	58.9	6.9	6.6	59.0	35.6

X Not applicable. ¹ Includes Armed Forces. ² Change from prior year shown here, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. ³ Monthly average; seasonally adjusted, except total population. ⁴ Average annual change from Jan.-May, 1979.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 653. LABOR FORCE AND PARTICIPATION RATES, BY RACE, SEX, AND AGE: 1960 TO 1979

[Persons 16 years old and over. Labor force data are annual averages of monthly figures. Includes Armed Forces. Rates are based on total population of each specified group as of July and represent proportion of each specified group in labor force. See also *Historical Statistics, Colonial Times to 1970*, series D 29-41]

RACE, SEX, AND AGE	TOTAL LABOR FORCE (millions)							PARTICIPATION RATES (percent)						
	1960	1965	1970	1975	1977	1978	1979	1960	1965	1970	1975	1977	1978	1979
Total.....	72.1	77.2	85.9	94.8	99.5	102.5	105.0	59.2	58.8	60.3	60.9	61.8	62.6	63.1
White.....	64.2	68.6	76.4	83.9	87.9	90.2	92.2	58.8	58.5	60.2	61.1	62.1	62.8	63.4
Male.....	44.1	45.9	48.8	51.6	53.1	53.9	54.6	42.6	40.4	39.7	38.1	38.0	38.0	38.0
Female.....	20.1	22.8	27.5	32.3	34.8	36.3	37.6	16.0	18.1	20.5	23.0	24.1	24.8	25.4
Black and other.....	7.9	8.6	9.5	10.9	11.7	12.4	12.7	6.3	6.2	6.1	5.8	5.9	6.1	6.3
Male.....	4.8	5.1	5.5	6.1	6.4	6.7	6.9	4.0	3.7	3.7	3.7	3.7	3.7	3.7
Female.....	3.1	3.5	4.0	4.8	5.3	5.7	5.9	2.3	2.5	2.4	2.1	2.2	2.4	2.6
Male.....	48.9	50.9	54.3	57.7	59.5	60.5	61.5	42.4	40.1	39.2	39.8	40.8	41.5	42.1
16-19 years.....	3.2	3.8	4.4	5.1	5.3	5.4	5.3	5.6	5.7	5.7	6.0	6.1	6.2	6.2
16-17 years.....	1.3	1.6	1.8	2.1	2.1	2.2	2.2	2.5	2.7	2.7	2.8	2.8	2.8	2.8
18-19 years.....	1.8	2.3	2.6	3.1	3.2	3.2	3.1	3.1	3.3	3.3	3.3	3.3	3.3	3.3
20-24 years.....	4.9	5.9	7.4	8.2	8.6	8.8	9.0	7.9	8.2	8.5	8.6	8.5	8.5	8.6
25-34 years.....	10.9	10.7	12.0	14.5	15.5	15.9	16.4	9.6	9.6	9.5	9.4	9.4	9.4	9.4
35-44 years.....	11.5	11.5	10.8	10.6	10.9	11.3	11.6	9.4	9.2	9.0	9.1	9.1	9.1	9.1
45-54 years.....	9.6	10.1	10.5	10.5	10.2	10.2	10.1	8.3	8.3	8.2	8.1	8.0	8.0	8.0
55-64 years.....	6.4	6.8	7.1	7.0	7.0	7.1	7.1	6.2	6.2	6.1	6.1	6.1	6.1	6.1
65 yr. and over.....	2.4	2.1	2.2	1.9	1.8	1.9	1.9	3.2	2.9	2.8	2.8	2.8	2.8	2.8
Female.....	23.2	26.2	31.6	37.1	40.1	42.0	43.5	17.1	18.8	22.8	23.7	24.7	25.1	25.7
16-19 years.....	2.1	2.5	3.3	4.1	4.3	4.5	4.5	3.1	3.7	4.3	4.9	5.1	5.3	5.4
16-17 years.....	.8	1.0	1.3	1.7	1.7	1.9	1.8	2.6	2.7	2.8	2.8	2.8	2.8	2.8
18-19 years.....	1.3	1.6	1.9	2.4	2.6	2.6	2.7	5.0	4.6	4.5	4.5	4.5	4.5	4.5
20-24 years.....	2.6	3.4	4.9	6.1	6.6	6.9	7.1	4.1	4.7	5.7	6.3	6.4	6.2	6.9
25-34 years.....	4.2	4.3	5.7	8.5	9.9	10.6	11.2	3.8	3.8	3.8	3.8	3.8	3.8	3.8
35-44 years.....	5.3	5.7	6.0	6.5	7.2	7.6	8.1	4.3	4.5	4.9	5.0	5.0	5.0	5.0
45-54 years.....	5.2	5.7	6.5	6.7	6.7	6.8	6.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0
55-64 years.....	3.0	3.6	4.2	4.2	4.4	4.5	4.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
65 yr. and over.....	1.0	1.0	1.1	1.0	1.1	1.1	1.1	10.5	9.5	9.2	7.8	7.6	7.8	7.8

Source: U.S. Bureau of Labor Statistics, unpublished data.

NO. 654. CIVILIAN LABOR FORCE AND PARTICIPATION RATES, BY SEX, BY STATE: 1976 AND 1979

[Annual averages of monthly figures. Rates are based on civilian noninstitutional population, 16 years old and over, U.S. totals derived by independent population controls; therefore State data may not add to U.S. totals. Participation rate is the percent of the population in each specific group in the civilian labor force. See headnote, table 656]

STATE	TOTAL (1,000)		MALE (1,000)		FEMALE (1,000)		PARTICIPATION RATES (percent)					
	1976	1979	1976	1979	1976	1979	Total		Male		Female	
							1976	1979	1976	1979	1976	1979
U.S.	94,773	102,908	56,359	59,517	38,414	43,391	61.6	63.7	77.5	77.9	47.3	51.5
N.E.	5,656	6,097	3,305	3,451	2,351	2,646	64.4	65.9	79.5	78.9	50.8	54.3
Maine.....	472	488	280	292	192	207	62.1	61.0	78.2	73.6	47.8	49.6
N.H.....	317	445	227	259	160	185	65.8	68.1	80.8	82.0	52.1	54.9
Vt.....	216	240	128	138	88	102	63.3	66.3	81.0	78.9	48.1	54.5
Mass.....	2,762	2,891	1,614	1,632	1,148	1,259	64.7	66.2	79.9	79.3	51.1	54.5
R.I.....	430	450	249	252	180	198	63.2	64.3	78.3	76.4	49.7	53.5
Conn.....	1,475	1,581	856	887	620	694	64.4	67.0	78.3	79.7	51.5	56.7
M.A.	16,041	16,872	9,630	9,749	6,411	7,123	58.9	60.9	75.8	75.6	44.1	48.1
N.Y.....	7,735	8,008	4,632	4,605	3,102	3,403	58.1	60.3	75.1	75.1	43.5	47.6
N.J.....	3,307	3,537	1,959	1,994	1,347	1,543	61.7	64.3	78.2	78.1	47.1	52.3
Pa.....	5,120	5,296	3,110	3,132	2,010	2,164	58.2	59.5	75.3	74.7	43.1	46.0
E.N.C.	18,450	19,713	11,113	11,531	7,337	8,182	62.7	64.9	79.4	79.6	47.6	51.4
Ohio.....	4,730	5,036	2,868	2,977	1,861	2,059	61.4	63.6	78.9	79.3	45.8	49.5
Ind.....	2,427	2,610	1,460	1,522	967	1,088	64.2	66.1	80.4	80.9	49.1	52.7
Ill.....	5,076	5,331	3,032	3,087	2,045	2,244	62.9	64.6	79.7	79.0	47.9	51.6
Mich.....	3,997	4,313	2,420	2,546	1,577	1,768	61.8	64.2	78.0	78.9	46.9	50.6
Wis.....	2,175	2,381	1,306	1,375	869	1,006	65.8	68.2	81.3	81.8	51.1	55.5
W.N.C.	7,849	8,396	4,550	4,846	3,098	3,550	63.8	66.4	79.3	80.0	49.6	53.9
Minn.....	1,865	2,064	1,134	1,188	731	877	65.8	69.0	81.4	81.2	50.7	57.2
Iowa.....	1,335	1,432	788	847	547	595	64.3	66.5	80.7	81.5	49.8	52.5
Mo.....	2,126	2,292	1,228	1,315	898	977	61.1	63.1	75.3	77.1	48.7	50.8
N. Dak.....	279	303	173	181	106	123	62.6	64.7	80.1	79.0	46.1	51.5
S. Dak.....	311	337	183	195	129	142	64.5	68.1	80.3	82.3	50.8	55.0
Nebr.....	719	772	430	439	288	333	64.8	67.1	80.7	81.0	50.0	54.7
Kans.....	1,086	1,197	658	683	428	514	65.1	68.4	81.1	81.0	49.9	56.7
S.A.	14,858	16,110	8,618	9,135	6,240	6,975	61.9	62.8	76.6	76.1	48.8	51.1
Del.....	259	275	153	161	106	113	62.6	64.3	77.9	78.2	49.1	50.4
Md.....	1,900	2,092	1,120	1,198	780	893	64.1	68.1	80.3	81.9	49.7	55.4
D.C.....	333	320	169	162	164	158	64.9	65.4	73.2	71.4	58.2	60.3
Va.....	2,306	2,477	1,345	1,394	962	1,083	65.5	68.1	81.0	79.8	51.7	54.1
W. Va.....	679	750	446	475	233	276	51.0	54.0	70.3	71.1	33.4	36.3
N.C.....	2,556	2,692	1,447	1,498	1,109	1,196	66.3	66.5	79.9	79.2	54.3	55.3
S.C.....	1,258	1,306	727	730	529	575	64.7	63.8	79.5	76.4	51.6	52.7
Ga.....	2,206	2,334	1,271	1,317	935	1,017	63.9	64.2	79.2	78.5	50.6	51.9
Fla.....	3,476	3,835	2,003	2,187	1,473	1,648	65.4	66.8	78.8	79.4	43.8	45.7
E.S.C.	6,049	6,171	3,604	3,618	2,445	2,553	58.9	60.4	75.0	75.0	44.7	47.3
Ky.....	1,448	1,563	880	927	568	636	59.6	61.3	77.3	76.4	44.0	47.6
Tenn.....	1,826	1,979	1,071	1,148	756	831	59.9	61.2	75.7	75.2	46.3	48.7
Ala.....	1,480	1,625	908	970	572	654	57.1	59.6	73.8	75.1	42.0	45.6
Miss.....	943	886	537	562	406	424	58.9	58.6	72.6	71.9	47.2	47.1
W.S.C.	8,886	10,121	5,356	5,948	3,540	4,172	61.0	63.4	77.8	78.2	46.0	49.9
Ark.....	869	954	510	531	359	423	57.6	59.9	74.1	71.7	43.7	49.7
La.....	1,485	1,679	913	1,010	572	669	56.3	59.6	74.4	75.6	40.5	45.1
Okla.....	1,159	1,278	701	742	458	536	58.4	60.6	75.7	74.9	43.3	47.9
Tex.....	5,535	6,244	3,322	3,686	2,212	2,558	63.7	65.7	80.0	80.8	48.8	51.8
Mt.	4,394	4,872	2,633	2,866	1,761	2,007	63.6	65.4	79.4	79.6	48.9	52.1
Mont.....	331	369	210	216	120	153	62.2	64.7	79.5	78.8	44.8	51.7
Idaho.....	366	422	223	255	143	167	63.5	66.6	80.8	81.7	47.7	51.9
Wyo.....	179	224	112	135	67	88	65.3	70.0	82.4	84.4	48.6	55.0
Colo.....	1,217	1,386	706	804	511	582	66.9	69.1	81.9	82.5	53.9	56.4
N. Mex.....	466	537	277	316	189	221	58.9	62.2	74.5	76.9	45.1	48.8
Ariz.....	947	1,052	566	611	381	441	59.8	60.3	75.0	73.9	46.0	48.0
Utah.....	513	584	316	349	197	235	63.2	65.1	81.2	81.0	46.6	50.4
Nev.....	305	358	182	214	123	144	71.1	70.6	85.0	83.6	57.2	57.4
Pac.	12,972	14,555	7,623	8,373	5,349	6,182	62.7	65.5	77.4	79.0	49.3	53.2
Wash.....	1,587	1,892	894	1,118	653	774	61.5	65.9	76.4	80.1	48.1	52.4
Oreg.....	1,070	1,217	640	733	429	484	62.6	64.6	77.0	78.1	48.9	51.2
Calif.....	9,708	10,968	5,708	6,264	4,000	4,704	62.5	65.5	77.5	78.9	49.0	53.3
Alaska.....	157	180	92	102	66	78	63.3	70.9	81.4	81.6	56.4	60.5
Hawaii.....	400	399	220	216	180	183	69.2	65.4	80.0	75.5	58.4	56.5

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 1976 and 1979*.

NO. 655. EMPLOYMENT STATUS OF THE POPULATION, BY SEX AND RACE: 1960 TO 1980

[Persons 16 years old and over. Annual averages of monthly figures, except as indicated. See Appendix III for methodology. See also *Historical Statistics, Colonial Times to 1970*, series D 11-19 and D 85-86]

YEAR OR MONTH, SEX, AND RACE	Total noninstitutional population ¹ (1,000)	TOTAL LABOR FORCE ¹		CIVILIAN LABOR FORCE					NOT IN LABOR FORCE	
		Total (1,000)	Per cent of population	Total (1,000)	Em-ployed (1,000)	Em-ployed/population ratio ²	Unemployed		Total (1,000)	Per cent of population
							Total (1,000)	Rate ³		
Total: 1960.....	119,759	72,142	60.2	69,628	65,778	54.9	3,852	5.5	47,617	39.8
1965.....	129,236	77,178	59.7	74,455	71,088	55.0	3,366	4.5	52,058	40.3
1970.....	140,182	85,903	61.3	82,715	78,627	56.1	4,088	4.9	54,280	38.7
1971.....	142,596	86,929	61.0	84,113	79,120	55.5	4,993	5.9	55,666	39.0
1972.....	145,775	88,991	61.0	86,542	81,702	56.0	4,840	5.6	56,785	39.0
1973.....	148,263	91,040	61.4	88,714	84,409	56.9	4,304	4.9	57,222	38.6
1974.....	150,827	93,240	61.8	91,011	85,936	57.0	5,076	5.6	57,587	38.2
1975.....	153,449	94,793	61.8	92,613	84,783	55.3	7,830	8.5	58,655	38.2
1976.....	156,048	96,917	62.1	94,773	87,485	56.1	7,288	7.7	59,130	37.9
1977.....	158,559	99,534	62.8	97,401	90,546	57.1	6,855	7.0	59,025	37.2
1978.....	161,058	102,537	63.7	100,420	94,373	58.6	6,047	6.0	58,521	36.3
1979.....	163,620	104,996	64.2	102,908	96,945	59.3	5,963	5.8	58,623	35.8
1980, Jan.-May ⁴	165,497	106,516	64.4	104,429	97,511	58.9	6,918	6.6	59,981	35.6
Male: 1960.....	58,144	48,870	84.0	46,388	43,804	75.5	2,486	5.4	9,274	16.0
1965.....	62,473	50,946	81.5	48,255	46,340	74.2	1,914	4.0	11,527	18.5
1970.....	67,409	54,343	80.6	51,195	48,960	72.6	2,235	4.4	13,066	19.4
1971.....	68,512	54,797	80.0	52,021	49,245	71.9	2,776	5.3	13,715	20.0
1972.....	69,864	55,671	79.7	53,265	50,630	72.5	2,635	4.9	14,193	20.3
1973.....	71,020	56,479	79.5	54,203	51,983	73.2	2,240	4.1	14,541	20.5
1974.....	72,253	57,349	79.4	55,186	52,519	72.7	2,668	4.8	14,904	20.6
1975.....	73,494	57,706	78.5	55,615	51,230	69.7	4,385	7.9	15,788	21.5
1976.....	74,739	58,397	78.1	56,359	52,391	70.1	3,968	7.0	16,341	21.9
1977.....	75,981	59,467	78.3	57,449	53,861	70.9	3,588	6.2	16,514	21.7
1978.....	77,189	60,535	78.4	58,542	55,491	71.9	3,051	5.2	16,834	21.6
1979.....	78,397	61,466	78.4	59,517	56,499	72.1	3,018	5.1	16,931	21.6
1980, Jan.-May ⁴	79,290	62,024	78.2	60,090	56,328	71.0	3,762	6.3	17,286	21.8
Black and other: ⁵										
1960.....	5,595	(NA)	83.0	4,645	4,148	74.1	497	10.7	951	17.0
1965.....	6,330	5,084	80.3	4,855	4,496	71.0	359	7.4	1,246	19.7
1970.....	7,098	5,507	77.6	5,182	4,803	67.7	379	7.3	1,591	22.4
1971.....	7,286	5,533	75.9	5,220	4,746	65.1	474	9.1	1,753	24.1
1972.....	7,533	5,630	74.7	5,335	4,861	64.5	475	8.9	1,902	25.2
1973.....	7,845	5,868	74.8	5,555	5,133	65.4	423	7.6	1,977	25.2
1974.....	8,107	6,028	74.4	5,700	5,179	63.9	521	9.1	2,079	25.6
1975.....	8,360	6,077	72.7	5,734	4,947	59.2	787	13.7	2,283	27.3
1976.....	8,622	6,196	71.9	5,853	5,108	59.2	745	12.7	2,425	28.1
1977.....	8,846	6,388	72.2	6,028	5,283	59.7	745	12.4	2,458	27.8
1978.....	9,058	6,607	73.0	6,264	5,599	61.5	686	10.9	2,430	26.7
1979.....	9,364	6,852	73.2	6,443	5,779	61.7	664	10.3	2,512	26.8
1980, Jan.-May ⁴	9,556	6,866	71.9	6,433	5,663	59.3	770	12.0	2,690	28.1
Female: 1960.....	61,615	23,272	37.8	23,240	21,874	35.5	1,366	5.9	38,343	62.2
1965.....	66,763	26,232	39.3	26,200	24,748	37.1	1,452	5.5	40,501	60.7
1970.....	72,774	31,560	43.4	31,520	29,667	40.8	1,853	5.9	41,214	56.6
1971.....	74,084	32,132	43.4	32,091	29,875	40.3	2,217	6.9	41,952	56.6
1972.....	75,911	33,320	43.9	33,277	31,072	40.9	2,205	6.6	42,591	56.1
1973.....	77,242	34,561	44.7	34,510	32,446	42.0	2,064	6.0	42,681	55.3
1974.....	78,575	35,892	45.7	35,825	33,417	42.5	2,408	6.7	42,683	54.3
1975.....	79,954	37,087	46.4	36,998	33,553	42.0	3,445	9.3	42,968	53.6
1976.....	81,309	38,520	47.4	38,414	35,095	43.2	3,320	8.6	42,789	52.6
1977.....	82,577	40,067	48.5	39,952	36,685	44.4	3,267	8.2	42,510	51.5
1978.....	83,690	42,002	50.1	41,678	38,982	46.3	2,996	7.2	41,887	49.9
1979.....	85,223	43,530	51.1	43,391	40,446	47.5	2,945	6.8	41,692	48.9
1980, Jan.-May ⁴	86,207	44,493	51.6	44,339	41,183	47.8	3,156	7.1	41,714	48.4
Black and other: ⁵										
1960.....	6,369	(NA)	48.2	3,069	2,779	43.6	290	9.4	3,300	51.8
1965.....	7,133	3,467	48.6	3,464	3,147	44.1	317	9.2	3,666	51.4
1970.....	8,114	4,019	49.5	4,015	3,642	44.9	373	9.3	4,095	50.5
1971.....	8,351	4,107	49.2	4,102	3,658	43.8	445	10.8	4,243	50.8
1972.....	8,736	4,254	48.7	4,249	3,767	43.1	482	11.3	4,481	51.3
1973.....	9,109	4,476	49.1	4,470	3,999	43.9	471	10.5	4,632	50.9
1974.....	9,455	4,643	49.1	4,633	4,136	43.7	497	10.7	4,812	50.9
1975.....	9,766	4,810	49.3	4,795	4,124	42.2	671	14.0	4,956	50.7
1976.....	10,075	5,062	50.2	5,044	4,356	43.2	688	13.6	5,013	49.8
1977.....	10,367	5,288	51.0	5,266	4,529	43.7	737	14.0	5,079	49.0
1978.....	10,672	5,705	53.5	5,679	4,938	46.3	741	13.1	4,967	46.5
1979.....	10,995	5,895	53.6	5,863	5,141	46.8	722	12.3	5,100	46.4
1980, Jan.-May ⁴	11,219	5,998	53.5	5,959	5,201	46.4	757	12.7	5,221	46.5

NA Not available. ¹ Includes Armed Forces. ² Employed as percent of noninstitutional population. ³ Percent of civilian labor force. ⁴ Monthly average; seasonally adjusted, except population figure. ⁵ Races other than White.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 656. EMPLOYMENT AND EMPLOYMENT/POPULATION RATIO, BY STATES: 1976 TO 1979

[Persons 16 years old and over. Ratio=Employment expressed as percent of noninstitutional population. Based on a survey and subject to sampling variability; changes should be interpreted with caution. For details, see source. State data may not add to U.S. and regional totals since data for States are derived by independent population controls]

REGION AND STATE	TOTAL EMPLOYED (1,000)			EMPLOYED/POPULATION RATIO			REGION AND STATE	TOTAL EMPLOYED (1,000)			EMPLOYED/POPULATION RATIO		
	1976	1978	1979	1976	1978	1979		1976	1978	1979	1976	1978	1979
U.S.	87,485	94,373	96,945	56.8	59.4	60.0	So. Atl.—						
							Con.						
N. Eng.	5,142	5,589	5,765	58.5	61.1	62.3	W. Va.	629	674	700	47.2	49.1	50.4
Maine.....	430	444	453	56.6	56.3		N.C.	2,398	2,562	2,563	62.2	64.2	63.3
N.H.....	362	411	431	61.6	64.7		S.C.	1,168	1,224	1,240	60.2	60.6	60.6
Vt.....	197	222	228	57.8	62.7		Ga.	2,027	2,184	2,215	58.7	60.9	60.9
Mass.....	2,499	2,663	2,731	58.6	61.5		Fla.	3,162	3,444	3,605	50.4	52.9	53.4
R.I.....	395	404	420	58.1	57.8		E. So. Cent.	5,674	5,671	5,795	55.2	56.9	56.7
Conn.....	1,336	1,433	1,500	58.4	61.7		Ky.	1,367	1,474	1,476	56.3	58.6	57.9
Mid. Atl.	14,511	15,372	15,688	53.2	55.5	56.6	Tenn.	1,716	1,815	1,864	56.3	56.9	57.7
N.Y.....	6,941	7,241	7,437	52.2	54.6		Ala.	1,380	1,492	1,509	53.2	55.5	55.3
N.J.....	2,962	3,185	3,293	55.2	58.4		Miss.	881	898	929	55.0	54.3	55.2
Pa.....	4,714	4,888	4,930	53.2	55.4		W. So. Cent.	8,360	9,278	9,644	57.4	59.5	60.4
E. No. Cent.	17,103	18,175	18,511	58.2	60.6	60.9	Ark.	807	868	895	53.4	54.8	56.2
Ohio.....	4,361	4,675	4,739	56.7	59.4		La.	1,385	1,506	1,567	52.5	54.5	55.6
Ind.....	2,280	2,425	2,443	60.3	62.2		Okl.	1,211	1,234	1,234	55.1	57.9	58.5
Ill.....	4,745	5,005	5,036	58.8	61.0		Tex.	5,217	5,706	5,981	60.0	62.1	62.9
Mich.....	3,623	3,913	3,978	56.0	58.9		Mt.	4,080	4,403	4,628	59.0	61.1	62.1
Wis.....	2,053	2,187	2,273	62.1	63.8		Mont.	311	348	351	58.5	61.7	61.8
W. No. Cent.	7,264	7,869	8,059	60.6	63.3	63.8	Idaho	345	382	398	59.9	62.3	62.8
Minn.....	1,755	1,917	1,978	61.9	65.5		Wyo.	171	201	217	62.4	67.8	67.8
Iowa.....	1,282	1,362	1,373	61.8	63.9		Colo.	1,145	1,221	1,320	63.0	63.7	65.8
Mo.....	1,993	2,148	2,188	57.3	59.7		N. Mex.	423	495	502	53.5	59.1	58.1
N. Dak.....	269	280	292	60.3	60.7		Ariz.	854	932	999	53.9	55.8	57.2
S. Dak.....	301	319	325	62.4	64.6		Utah	484	519	559	59.6	60.3	62.3
Nebr.....	695	748	747	62.7	65.8		Nev.	277	319	340	64.6	67.4	67.1
Kans.....	1,040	1,123	1,157	62.3	65.2		Pac.	11,787	13,073	13,628	57.0	60.5	61.3
So. Atl.	13,764	14,942	15,228	57.3	59.2	59.4	Wash.	1,450	1,634	1,784	56.2	59.7	61.4
Del.....	236	252	253	67.0	59.3		Oreg.	968	1,119	1,134	56.6	61.7	60.2
Md.....	1,772	1,918	1,968	59.8	63.2		Calif.	8,820	9,877	10,285	56.8	60.5	61.4
D.C.....	303	303	296	59.1	60.7		Alaska	145	160	164	63.0	63.5	64.6
Va.....	2,170	2,298	2,360	61.6	62.6		Hawaii	361	367	374	62.5	61.9	61.3

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual, and unpublished data.

No. 657. LABOR FORCE—PERCENT DISTRIBUTION, BY SEX AND AGE: 1960 TO 1979

[Annual average of monthly figures. Includes Armed Forces at home and abroad. See *Historical Statistics, Colonial Times to 1970*, series D 29-41, for similar but not exactly comparable data]

YEAR AND SEX	Total labor force (1,000)	PERCENT DISTRIBUTION							
		16-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 yr. and over	
Total: 1960.....	72,142	7.3	10.6	20.9	23.1	20.7	13.0	4.4	
1965.....	77,178	8.2	12.1	19.4	22.3	20.5	13.4	4.0	
1970.....	85,903	8.9	14.3	20.6	19.5	19.8	13.1	3.7	
1974.....	93,240	9.9	15.0	23.4	18.2	18.4	12.0	3.1	
1975.....	94,793	9.7	15.1	24.2	18.0	18.1	11.8	3.1	
1976.....	96,917	9.6	15.2	24.9	18.0	17.6	11.6	3.0	
1977.....	99,534	9.6	15.3	25.5	18.1	17.0	11.5	2.9	
1978.....	102,537	9.6	15.3	25.8	18.4	16.5	11.3	3.0	
1979.....	104,996	9.3	15.3	26.3	18.8	16.1	11.2	2.9	
Male: 1960.....	48,870	6.5	10.4	22.4	23.2	19.7	13.1	4.7	
1965.....	50,946	7.5	11.6	20.9	22.6	19.9	13.3	4.2	
1970.....	54,343	8.1	13.6	22.0	19.9	19.3	13.1	4.0	
1974.....	57,349	9.0	14.1	24.4	18.5	18.3	12.3	3.4	
1975.....	57,706	8.9	14.2	25.1	18.3	18.1	12.1	3.3	
1976.....	58,397	8.9	14.4	25.7	18.3	17.7	11.9	3.1	
1977.....	59,467	8.9	14.5	26.1	18.3	17.2	11.8	3.1	
1978.....	60,535	8.9	14.6	26.3	18.6	16.8	11.7	3.2	
1979.....	61,466	8.6	14.6	25.7	18.9	16.4	11.6	3.1	
Female: 1960.....	23,272	8.9	11.1	17.8	22.8	22.7	12.8	3.9	
1965.....	26,232	9.6	12.9	16.5	21.6	21.8	13.7	3.7	
1970.....	31,560	10.3	15.5	18.1	18.9	20.7	13.2	3.3	
1974.....	35,892	11.2	16.3	21.8	17.7	18.6	11.6	2.8	
1975.....	37,087	10.9	16.5	22.8	17.5	18.0	11.4	2.8	
1976.....	38,520	10.8	16.5	23.8	17.7	17.3	11.2	2.7	
1977.....	40,067	10.7	16.5	24.7	17.9	16.7	10.9	2.7	
1978.....	42,002	10.7	16.5	25.2	18.2	16.1	10.6	2.7	
1979.....	43,531	10.3	16.3	25.7	18.7	15.8	10.5	2.6	

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 658. CIVILIAN LABOR FORCE—EMPLOYMENT STATUS, BY SEX, RACE, AND AGE: 1979

[Persons 16 years old and over; noninstitutional population. Annual averages of monthly figures]

AGE AND RACE	CIVILIAN LABOR FORCE			MALE (1,000)			FEMALE (1,000)			PERCENT OF LABOR FORCE			
	Total (1,000)	Percent by age		Total	Em- ployed	Un- em- ployed	Total	Em- ployed	Un- em- ployed	Employed		Unemployed	
		Male	Fe- male							Male	Fe- male	Male	Fe- male
All workers.....	102,908	100.0	100.0	59,517	56,499	3,018	43,391	40,446	2,945	94.9	93.2	5.1	6.8
16-19 yr.....	9,512	8.5	10.3	5,031	4,236	795	4,481	3,748	733	84.2	83.6	15.8	16.4
20-24 yr.....	15,268	13.8	16.2	8,239	7,534	705	7,029	6,358	672	91.4	90.5	8.6	9.6
25-34 yr.....	26,959	26.5	25.7	15,792	15,133	659	11,167	10,450	716	95.8	93.6	4.2	6.4
35-44 yr.....	19,467	19.0	18.7	11,337	11,014	323	8,130	7,754	378	97.2	95.4	2.9	4.6
45-54 yr.....	16,911	16.9	15.8	10,052	9,775	276	6,860	6,594	268	97.2	96.1	2.7	3.9
55-64 yr.....	11,718	12.0	10.6	7,140	6,946	193	4,579	4,434	145	97.3	96.8	2.7	3.2
65 and over..	3,073	3.2	2.6	1,928	1,861	67	1,145	1,108	38	96.5	96.8	3.5	3.3
White.....	90,602	100.0	100.0	53,074	50,721	2,354	37,528	35,304	2,224	95.6	94.1	4.4	5.9
16-19 yr.....	8,475	8.5	10.6	4,492	3,866	626	3,983	3,428	555	86.1	86.1	13.9	13.9
20-24 yr.....	13,292	13.6	16.2	7,225	6,692	533	6,067	5,595	472	92.6	92.2	7.4	7.8
25-34 yr.....	23,436	26.4	25.1	14,001	13,497	504	9,436	8,910	526	96.4	94.4	3.6	5.6
35-44 yr.....	17,074	19.1	18.6	10,111	9,859	252	6,863	6,668	295	97.5	95.8	2.5	4.2
45-54 yr.....	14,978	16.9	15.9	8,994	8,773	221	5,984	5,761	223	97.5	96.3	2.5	3.7
55-64 yr.....	10,598	12.3	10.9	6,511	6,348	163	4,087	3,965	122	97.5	97.0	2.5	3.0
65 and over..	2,749	3.3	2.7	1,740	1,686	55	1,008	977	31	96.9	96.9	3.1	3.1
Other races.....	12,306	100.0	100.0	6,443	5,779	664	5,863	5,141	722	89.7	87.7	10.3	12.3
16-19 yr.....	1,036	8.4	8.5	539	369	170	497	320	178	68.5	64.4	31.5	35.7
20-24 yr.....	1,976	15.7	16.4	1,013	841	172	962	763	200	83.0	79.3	17.0	20.8
25-34 yr.....	3,522	27.8	29.5	1,791	1,637	155	1,731	1,541	190	91.4	89.0	8.6	11.0
35-44 yr.....	2,393	19.0	19.9	1,226	1,154	71	1,167	1,086	82	94.1	93.1	5.8	7.0
45-54 yr.....	1,934	16.4	14.9	1,057	1,003	55	876	833	43	94.9	95.1	5.2	4.9
55-64 yr.....	1,120	9.7	8.4	628	598	30	492	469	23	95.2	95.3	4.8	4.6
65 and over..	325	2.9	2.3	188	176	12	137	131	6	93.6	95.6	6.3	4.6

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

No. 659. EMPLOYED PERSONS, BY SELECTED CHARACTERISTICS: 1970 TO 1979

[In thousands of persons 16 years old and over; noninstitutional population. Annual averages of monthly figures. Nonagricultural industries only]

AGE, SEX, AND MARITAL STATUS	1970	1973	1974	1975	1976	1977	1978	1979
Total employed.....	75,165	80,957	82,443	81,403	84,188	87,302	91,031	93,648
16-19 years.....	5,755	6,834	6,954	6,593	6,842	7,211	7,586	7,628
20-24 years.....	9,487	11,381	11,550	11,293	11,910	12,480	13,108	13,493
25 years and over.....	59,923	62,743	63,941	63,516	65,436	67,611	70,337	72,527
25-34 years.....	31,198	34,149	35,278	35,386	37,173	39,086	41,295	43,194
35-44 years.....	26,078	26,122	26,234	25,704	25,872	26,102	26,476	26,690
45-64 years.....	2,647	2,471	2,429	2,426	2,392	2,423	2,566	2,642
Male.....	46,099	49,130	49,618	48,429	49,675	51,222	52,810	53,854
16-19 years.....	3,073	3,685	3,697	3,425	3,547	3,793	3,959	3,941
20-24 years.....	5,035	6,302	6,319	6,047	6,435	6,717	7,017	7,210
25 years and over.....	37,992	39,144	39,603	38,958	39,692	40,712	41,835	42,703
25-34 years.....	20,338	21,696	22,102	21,666	22,617	23,491	24,444	25,251
35-44 years.....	15,986	15,956	15,999	15,609	15,657	15,779	15,864	15,882
45-64 years.....	1,668	1,491	1,502	1,482	1,419	1,442	1,527	1,570
Female.....	29,066	31,827	32,825	32,974	34,513	36,080	38,221	39,794
16-19 years.....	2,682	3,149	3,257	3,169	3,295	3,418	3,627	3,687
20-24 years.....	4,452	5,079	5,231	5,246	5,475	5,764	6,091	6,283
25 years and over.....	21,931	23,599	24,338	24,558	25,744	26,898	28,502	29,824
25-34 years.....	10,861	12,453	13,176	13,520	14,556	15,595	16,851	17,943
35-44 years.....	10,092	10,166	10,234	10,094	10,215	10,323	10,613	10,808
45-64 years.....	979	980	927	944	973	981	1,038	1,072
Male: Married, spouse present.....	35,955	36,970	36,989	35,993	36,251	36,624	36,894	37,340
Single (never-married).....	7,741	9,296	9,542	9,361	10,085	10,937	11,881	12,353
Widowed, divorced, separated.....	2,403	2,863	3,087	3,075	3,339	3,660	4,036	4,161
Female: Married, spouse present.....	17,108	18,644	19,155	19,146	19,869	20,544	21,421	22,265
Single (never-married).....	6,528	7,316	7,551	7,716	8,272	8,791	9,541	10,049
Widowed, divorced, separated.....	5,429	5,866	6,119	6,111	6,372	6,745	7,258	7,479

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

NO. 660. PERSONS OF SPANISH ORIGIN—LABOR FORCE PARTICIPATION: 1975 TO 1979

(Persons 16 years old and over. As of March. The terms "Spanish" and "Hispanic" are interchangeable; specific usage is dependent on the source of the data. Based on Current Population Survey; see text, p. 1)

ITEM	1975			1978			1979		
	Total ¹	Mexi- can	Puerto Rican	Total ¹	Mexi- can	Puerto Rican	Total ¹	Mexi- can	Puerto Rican
Total (1,000)	6,724	3,921	972	7,544	4,394	1,064	7,573	4,487	1,027
Percent in labor force: Male.....	78.8	79.8	73.5	79.8	82.7	72.6	80.5	82.5	72.2
Female.....	42.3	42.1	33.5	45.4	47.0	32.5	47.4	48.1	33.4
Percent unemployed: Male.....	13.1	12.2	19.3	9.0	8.6	11.5	7.9	7.0	14.3
Female.....	12.2	11.9	14.7	10.4	11.4	12.2	9.8	10.7	11.9
Employed men (1,000).....	2,212	1,358	252	2,597	1,619	293	2,704	1,724	272
Percent: White-collar.....	26.2	21.4	28.7	24.1	18.5	28.2	23.7	18.4	24.9
Blue-collar.....	56.0	60.6	49.5	57.8	63.1	52.3	58.1	61.3	52.5
Farm.....	5.2	7.7	1.4	4.8	6.9	1.7	4.7	6.4	3.0
Service.....	12.6	10.4	20.5	13.3	11.5	19.8	13.4	12.9	19.5

¹Includes persons of Cuban, Central or South American, and other Spanish origin, not shown separately.
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 290, 328, 347, and 354.

NO. 661. FULL- AND PART-TIME STATUS OF THE CIVILIAN LABOR FORCE: 1965 TO 1979

(In thousands, except percent, Persons 16 years old and over, except as indicated. Annual averages of monthly figures. The part-time (working less than 35 hours per week) labor force consists of persons working part-time voluntarily and unemployed persons seeking part-time work)

ITEM	FULL-TIME					PART-TIME				
	1965	1970	1975	1978	1979	1965	1970	1975	1978	1979
Civilian labor force	65,929	71,020	79,096	85,530	87,741	8,527	11,895	13,517	14,890	15,167
Percent of total.....	88.5	85.9	85.4	85.2	85.3	11.4	14.1	14.6	14.8	14.7
Employed.....	63,138	67,819	72,659	80,824	83,102	7,952	10,808	12,124	13,549	13,843
Unemployed.....	2,791	3,201	6,437	4,706	4,639	575	887	1,393	1,341	1,325
Percent ¹	4.2	4.5	8.1	5.5	5.3	6.7	7.6	10.3	9.0	8.7
Males, 20 yr. and over.....	43,243	44,933	48,292	50,746	51,777	1,616	2,257	2,583	2,719	2,710
Employed.....	41,892	43,433	45,084	48,681	49,726	1,530	2,120	2,343	2,531	2,537
Unemployed.....	1,351	1,500	3,208	2,065	2,050	86	137	220	187	173
Percent ¹	3.1	3.3	6.6	4.1	4.0	5.3	6.1	8.6	6.9	6.4
Females, 20 yr. and over.....	19,138	22,208	25,975	29,577	30,806	4,550	6,071	6,984	7,839	8,105
Employed.....	18,260	21,132	23,795	27,794	29,064	4,371	5,800	6,515	7,385	7,834
Unemployed.....	878	1,076	2,180	1,782	1,742	179	271	469	454	471
Percent ¹	4.6	4.8	8.4	6.0	5.7	3.9	4.5	6.7	5.8	5.8
Persons, 16-19 yr.....	3,549	3,878	4,829	5,208	5,159	2,361	3,368	3,969	4,332	4,353
Employed.....	2,986	3,253	3,780	4,349	4,311	2,050	2,888	3,266	3,632	3,672
Unemployed.....	563	625	1,049	860	848	311	480	703	699	681
Percent ¹	15.9	16.1	21.7	16.5	16.4	13.2	14.2	17.7	16.1	15.6

¹Unemployed as percent of civilian labor force in specified group.

NO. 662. PERSONS NOT IN THE LABOR FORCE—JOB DESIRE AND REASONS FOR NOT SEEKING WORK, BY SEX AND RACE: 1970 AND 1979

(In thousands of persons 16 years old and over. Annual averages of monthly figures)

JOB DESIRE AND REASON	1970					1979				
	Total	Male	Female	White	Black and other	Total	Male	Female	White	Black and other
Not in labor force¹.....	54,280	13,066	41,214	48,594	5,686	58,623	16,931	41,692	51,011	7,612
Do not want job now ²	50,398	11,863	38,535	45,498	4,899	53,328	15,248	38,079	46,981	6,344
In school.....	6,051	3,055	2,997	5,181	869	5,965	2,976	2,988	4,791	1,174
Ill or disabled.....	3,869	2,045	1,824	3,179	691	4,531	2,453	2,078	3,647	884
Keeping house.....	32,162	201	31,961	29,597	2,566	28,994	285	28,709	26,334	2,659
Retired.....	5,918	5,216	703	5,491	427	9,935	7,479	2,456	8,988	951
Want a job now, but not looking, total.....	3,877	1,200	2,675	3,096	783	5,293	1,682	3,613	4,028	1,267
In school.....	1,075	563	511	875	201	1,427	717	710	1,046	380
Ill or disabled.....	489	208	281	360	128	743	332	411	524	218
Keeping house.....	926	20	906	722	204	1,240	-	1,240	963	278
Think cannot get a job.....	638	221	417	494	145	750	279	472	542	209
Other reasons.....	749	188	560	645	105	1,133	354	780	953	182

- Represents zero or rounds to zero. ¹Detail may not add to total because of difference in weighting patterns.
²Includes reasons not shown below.

Source of tables 661 and 662: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NUMBER 663. CIVILIAN LABOR FORCE—YEARS OF SCHOOL COMPLETED, BY SEX, RACE, AND HISPANIC ORIGIN: 1979

(Persons 16 years old and over; noninstitutional population. As of March. See headnote, tables 660 and 664)

EMPLOYMENT STATUS, SEX, AND RACE	Population, 16 yr. old and over (1,000)	PERCENT DISTRIBUTION OF SCHOOL YEARS COMPLETED								
		Elementary school			High school		College			
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years	5 years or more	
Total	160,756	2.8	5.1	7.3	18.8	36.4	15.7	8.3	5.6	
Civilian labor force.....	101,579	1.4	3.1	4.5	15.9	40.0	17.5	10.2	7.4	
Employed.....	95,387	1.3	3.0	4.4	14.9	40.1	17.9	10.6	7.8	
Unemployed.....	6,193	1.7	3.9	5.6	32.0	38.0	12.3	4.1	2.3	
Not in labor force.....	59,177	5.4	8.7	12.1	23.6	30.2	12.6	5.0	2.4	
Male, total.....	76,070	3.0	5.3	7.4	18.4	32.8	16.4	9.3	7.5	
Civilian labor force.....	58,608	1.6	3.6	5.2	16.0	36.7	17.3	10.8	8.8	
Employed.....	55,237	1.6	3.5	5.1	14.9	36.8	17.6	11.3	9.2	
Unemployed.....	3,372	2.0	4.5	6.2	32.9	35.2	12.8	4.0	2.3	
Not in labor force.....	17,462	7.7	10.8	14.7	26.6	20.0	13.1	4.2	3.0	
Female, total.....	84,686	2.6	5.0	7.2	19.1	39.6	15.1	7.4	3.9	
Civilian labor force.....	42,971	.9	2.4	3.5	15.9	44.6	17.8	9.4	5.6	
Employed.....	40,150	.9	2.3	3.4	14.8	44.8	18.2	9.7	5.8	
Unemployed.....	2,821	1.4	3.2	4.9	30.8	41.3	11.6	4.3	2.4	
Not in labor force.....	41,715	4.4	7.8	11.0	22.4	34.5	12.4	5.4	2.2	
White, total.....	140,999	2.3	4.6	7.4	17.8	37.3	16.1	8.8	5.9	
Civilian labor force.....	89,507	1.1	2.7	4.4	15.2	40.5	17.7	10.7	7.8	
Employed.....	84,700	1.1	2.6	4.3	14.3	40.6	18.0	11.0	8.1	
Unemployed.....	4,807	1.5	3.5	6.2	31.0	37.9	12.6	4.8	2.5	
Not in labor force.....	51,492	4.3	8.1	12.5	22.3	31.7	13.2	5.4	2.5	
Black, total.....	16,794	7.1	9.1	7.1	27.3	30.5	12.5	3.8	2.6	
Civilian labor force.....	10,144	3.4	6.4	5.3	23.0	37.5	15.5	5.4	3.6	
Employed.....	8,870	3.6	6.5	5.5	21.1	37.4	16.2	5.9	3.9	
Unemployed.....	1,274	2.4	5.6	3.9	35.9	38.4	10.8	1.7	1.3	
Not in labor force.....	6,650	12.9	13.3	9.8	33.8	19.9	7.8	1.4	1.1	
Hispanic, total.....	7,543	13.5	14.8	7.7	21.5	26.8	10.6	3.3	1.9	
Civilian labor force.....	4,795	9.9	13.9	6.6	18.9	31.1	12.9	4.3	2.4	
Employed.....	4,380	9.9	14.2	6.7	17.6	31.3	13.2	4.5	2.6	
Unemployed.....	415	9.4	10.4	6.3	31.8	29.6	9.6	1.7	1.2	
Not in labor force.....	2,748	19.9	16.3	9.6	26.0	19.1	6.5	1.6	.9	

 Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, forthcoming report.

NO. 664. SCHOOL ENROLLMENT AND LABOR FORCE STATUS OF CIVILIANS 16 TO 24 YEARS OLD, BY SELECTED CHARACTERISTICS: 1975 AND 1979

(In thousands, except percent. As of October; noninstitutional population. Based on survey conducted by Bureau of the Census. Persons of Hispanic origin may be of any race)

CHARACTERISTIC	POPULATION		CIVILIAN LABOR FORCE			EMPLOYED		UNEMPLOYED		
	1975	1979	1975, total	1979		1975	1979	1975, total	1979	
				Total	Per-cent ¹				Total	Rate ²
Total, 16 to 24 yr	34,700	36,131	21,833	24,340	67.4	18,564	21,555	3,268	2,787	11.5
Enrolled in school.....	15,284	15,262	6,730	7,341	48.1	5,716	6,388	1,012	951	13.0
16 to 19 years.....	11,163	10,972	4,551	4,883	44.5	3,772	4,142	778	741	15.2
20 to 24 years.....	4,121	4,290	2,179	2,458	57.3	1,944	2,246	234	210	8.5
Male.....	8,085	7,861	3,598	3,802	48.4	3,061	3,295	536	508	13.3
Female.....	7,198	7,401	3,130	3,539	47.8	2,655	3,093	476	445	12.6
College level.....	7,221	7,291	3,448	3,711	50.9	3,074	3,368	376	345	9.3
Full-time.....	3,245	6,079	1,283	2,607	42.9	1,126	2,314	158	294	11.3
White.....	13,077	12,921	6,096	6,594	51.0	5,241	5,868	855	726	11.0
Below college.....	6,710	6,556	2,997	3,268	49.8	2,450	2,811	546	458	14.0
College level.....	6,366	6,365	3,101	3,327	52.3	2,792	3,057	310	269	8.1
Black.....	1,907	2,006	515	622	31.0	371	409	142	213	34.2
Below college.....	1,208	1,266	236	319	25.2	154	177	84	143	44.8
College.....	698	741	276	302	40.8	217	234	58	68	22.5
Hispanic.....	849	792	312	295	37.2	254	241	59	54	18.3
Below college.....	542	483	161	143	29.6	113	107	48	37	25.9
College.....	308	311	149	150	48.2	140	134	13	17	11.3
Not enrolled.....	19,419	20,869	15,103	16,999	81.5	12,848	15,167	2,256	1,836	10.8
White.....	16,669	17,819	13,217	14,815	83.1	11,459	13,452	1,758	1,363	9.2
Black.....	2,440	2,661	1,660	1,891	71.1	1,183	1,456	476	437	23.1
Hispanic.....	1,112	1,450	762	1,099	75.8	604	952	155	146	13.3

¹ Percent of noninstitutional population.

² Percent of labor force 16-24 years old.

 Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, No. 191 and forthcoming report.

NO. 665 CIVILIAN LABOR FORCE PARTICIPATION RATES, BY MARITAL STATUS, SEX, AND AGE: 1960 TO 1979

[See table 664 for definition of participation rate]

YEAR AND MARITAL STATUS	MALE PARTICIPATION RATE					FEMALE PARTICIPATION RATE				
	16-19 years	20-24 years	25-44 years	45-64 years	65 and over	16-19 years	20-24 years	25-44 years	45-64 years	65 and over
1960: Married, spouse present.....	191.5	97.1	98.7	93.7	36.6	127.2	31.7	33.1	36.0	6.7
Single.....	142.6	80.3	90.5	80.1	31.2	130.2	77.2	83.2	79.8	24.3
Other ²	168.8	96.9	94.7	83.2	22.7	143.8	58.0	67.2	60.0	11.4
1965: Married, spouse present.....	188.0	96.4	98.5	92.6	31.0	130.6	37.1	36.2	39.5	6.7
Single.....	140.9	75.7	89.0	78.1	23.2	128.8	72.9	82.4	76.1	22.4
Other ²	177.8	96.6	93.8	80.8	18.7	142.1	59.2	67.2	61.6	10.5
1970: Married, spouse present.....	92.3	94.7	98.0	91.2	29.9	37.8	47.9	42.7	44.0	7.3
Single.....	54.8	73.8	87.4	75.7	25.2	44.7	73.0	80.5	73.0	19.7
Other ²	68.8	90.4	92.3	78.5	18.3	48.5	60.3	67.2	61.9	10.0
1975: Married, spouse present.....	92.9	95.3	97.3	86.8	23.3	46.2	57.0	50.0	43.8	7.0
Single.....	57.9	77.9	86.0	69.9	21.0	49.6	72.5	80.3	68.3	15.8
Other ²	70.6	88.8	91.1	73.4	15.4	47.6	65.3	68.9	59.0	8.3
1979: Married, spouse present.....	93.7	97.0	97.4	84.8	21.8	52.2	60.8	58.4	46.2	7.5
Single.....	60.7	81.8	87.9	67.3	18.2	54.7	76.1	81.8	65.8	13.5
Other ²	80.0	90.9	93.2	73.7	13.4	56.3	70.4	76.0	60.2	8.3

¹ 14 to 19 years old. ² Widowed, divorced, and married (spouse absent).

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

NO. 666. PERSONS WITH TWO OR MORE JOBS: 1965 TO 1979

[In thousands of persons 16 years old and over, except percent. As of May]

CHARACTERISTICS	Unit	1965	1970	1974	1975	1976	1977	1978	1979
Persons with 2 or more jobs	1,000	3,756	4,048	3,889	3,918	3,948	4,558	4,493	4,724
With 2 jobs in nonfarm industries.....	1,000	2,691	3,105	3,041	3,028	3,129	3,637	3,587	3,852
With second job nonfarm.....	1,000	279	205	151	185	144	166	154	145
With second job in agriculture.....	1,000	649	667	630	637	620	697	701	668
Wage and salary workers.....	1,000	3,264	3,659	3,570	3,505	3,605	4,150	4,136	4,386
Self-employed.....	1,000	418	348	287	360	317	362	308	314
Unpaid family workers.....	1,000	74	41	32	53	27	46	49	25
Multiple job holding rate: ¹									
Total.....	Percent	5.2	5.2	4.5	4.7	4.5	5.0	4.8	4.9
Male.....	Percent	6.7	7.0	5.8	5.8	5.8	6.2	5.8	5.9
Female.....	Percent	2.3	2.2	2.6	2.9	2.6	3.4	3.3	3.5
White.....	Percent	5.3	5.3	4.6	4.8	4.7	5.3	5.0	5.1
Black and other ²	Percent	4.0	4.4	3.8	3.7	2.8	2.6	3.1	3.0
Single.....	Percent	3.1	3.3	3.7	3.8	3.5	3.9	4.0	4.4
Married, spouse present.....	Percent	5.9	5.9	4.9	5.0	5.0	5.5	5.2	5.2
Other marital status.....	Percent	3.8	3.5	3.7	4.0	3.7	4.5	4.2	4.4

¹ Percent of total employed in the specified group. ² Beginning 1977, Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports*, Nos. 139, 182, 194, 211, and 221, and forthcoming report.

NO. 667. MAIN REASONS FOR WORKING MORE THAN ONE JOB, BY RACE AND SEX: 1975 TO 1979

[See headnote, table 666]

REASONS	1975				1978				1979			
	White		Black ¹		White		Black ¹		White		Black ¹	
	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male
Total² (1,000)	2,736	853	226	103	2,992	1,186	220	95	3,087	1,304	230	103
Percent distribution:												
Most regular expenses.....	33.8	31.3	50.2	48.2	31.6	32.8	47.7	47.8	28.4	33.4	33.2	46.6
Pay off debts.....	4.8	5.1	7.2	2.9	6.1	4.7	7.4	5.4	6.0	7.3	11.2	12.6
Save for future.....	9.3	8.6	8.1	3.9	11.5	9.2	6.5	4.3	10.9	6.0	12.6	4.9
Get experience.....	7.6	6.3	1.8	3.9	7.5	6.1	1.4	9.8	8.9	7.4	6.3	2.9
Help friend or relative.....	3.4	7.6	1.3	2.9	3.5	5.0	3.2	1.1	5.8	6.6	3.1	4.9
Buy something special.....	7.2	10.7	5.4	2.9	7.0	10.2	14.8	18.5	7.7	9.8	9.0	6.8
Enjoy the work.....	10.4	14.7	10.3	10.7	20.8	16.5	9.3	-	19.5	17.0	13.0	3.9
Changed job.....	.4	1.0	-	-	2.0	1.9	2.3	2.2	1.1	1.8	.1	3.9

- Represents zero or rounds to zero. ¹ Includes other races. ² Includes other reasons, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports*, Nos. 182 and 221, and forthcoming report.

No. 668. MARITAL STATUS OF WOMEN IN THE CIVILIAN LABOR FORCE: 1940 TO 1979

(Persons 14 years old and over through 1965; 16 years old and over thereafter. As of March, except as indicated. Prior to 1960, excludes Alaska and Hawaii. Figures for 1940 based on complete census revised for comparability with intercensal series. Later data based on Current Population Survey; see text, p. 1. Beginning 1955, figures not strictly comparable with previous years as a result of introduction into estimating procedure of 1950 census data through 1960, and of 1960 census data beginning 1965. See also *Historical Statistics, Colonial Times to 1970*, series D 49-62)

YEAR	FEMALE LABOR FORCE (1,000)				PERCENT DISTRIBUTION, FEMALE LABOR FORCE			FEMALE LABOR FORCE AS PERCENT OF FEMALE POPULATION					
	Total	Single	Married, total	Married, husband-pres-ent	Wid-owed or di-vorced	Single	Mar-ried	Wid-owed or di-vorced	Total	Single	Mar-ried, total	Mar-ried, hus-band-pres-ent	Wid-owed or di-vorced
1940	13,840	6,710	5,040	4,200	2,090	48.5	36.4	15.1	27.4	48.1	16.7	14.7	32.0
1944 ¹	18,449	7,542	8,433	6,226	2,474	40.9	45.7	13.4	35.0	58.6	25.6	21.7	35.7
1947 ¹	16,323	6,181	7,545	6,676	2,597	37.9	46.2	15.9	29.8	51.2	21.4	20.0	34.6
1950	17,795	5,621	9,273	8,550	2,901	31.6	52.1	16.3	31.4	50.5	24.8	23.8	36.0
1955 ¹	20,154	5,087	11,839	10,423	3,227	25.2	58.7	16.0	33.5	46.4	29.4	27.7	36.0
1960	22,516	5,401	13,485	12,253	3,629	24.0	59.9	16.1	34.8	44.1	31.7	30.5	37.1
1965	25,952	5,912	16,154	14,708	3,866	22.8	62.2	15.0	36.7	40.5	35.7	34.7	35.7
1968	28,778	6,357	18,234	16,921	4,187	22.1	63.4	14.6	40.7	51.3	39.1	38.3	35.8
1969	29,898	6,501	19,100	17,595	4,297	21.7	63.9	14.4	41.6	51.2	40.4	39.6	35.8
1970	31,233	6,965	19,799	18,377	4,469	22.3	63.4	14.3	42.6	53.0	41.4	40.8	36.2
1971	31,681	7,187	19,986	18,530	4,508	22.7	63.1	14.2	42.5	52.7	41.4	40.8	35.7
1972	32,939	7,477	20,749	19,249	4,713	22.7	63.0	14.3	43.6	54.9	42.1	41.5	37.2
1973	33,904	7,739	21,343	19,821	4,822	22.8	63.0	14.2	44.1	55.8	42.8	42.2	36.7
1974	35,320	8,230	22,009	20,367	5,081	23.3	62.3	14.4	45.2	57.2	43.8	43.0	37.8
1975	36,496	8,433	22,796	21,143	5,268	23.1	62.5	14.4	45.9	58.8	45.0	44.4	37.7
1976	37,817	9,083	23,385	21,554	5,379	24.0	61.8	14.2	46.8	58.9	45.8	45.0	37.3
1977	39,374	9,470	24,092	22,377	5,612	24.1	61.3	14.8	48.0	58.9	47.1	46.6	39.0
1978	40,971	10,222	24,591	22,789	6,157	24.9	60.0	15.0	48.1	60.5	48.1	47.6	40.0
1979	42,971	11,006	25,640	23,832	6,325	25.6	59.7	14.7	50.7	62.7	50.0	49.4	40.0

¹ As of April.

Source: 1940-1955, U.S. Bureau of the Census, *Current Population Reports*, series P-50. Beginning 1960, U. S. Bureau of Labor Statistics, *Special Labor Force Reports*.

NUMBER 669. EMPLOYMENT STATUS OF THE NONINSTITUTIONAL POPULATION BY FAMILY RELATIONSHIP: 1977 AND 1979

[In thousands, except percent, Persons 16 years old and over. Annual averages of monthly figures.]

FAMILY RELATIONSHIP	1977					1979						
	Civilian labor force				Not in labor force	Civilian labor force				Not in labor force		
	Total		Em-ployed	Unemployed		Total		Em-ployed	Unemployed			
Num-ber	Per-cent ¹	Num-ber		Rate ²	Num-ber	Per-cent ¹	Num-ber		Rate ²			
Total	97,401	62.3	90,546	6,855	7.0	59,025	102,908	63.7	96,945	5,963	5.8	58,623
Husbands ³	40,413	81.8	38,976	1,437	3.6	8,971	40,955	81.4	39,832	1,123	2.7	9,337
With employed wife	19,023	91.7	18,439	584	3.1	1,722	20,638	91.9	20,141	497	2.4	1,814
With unemployed wife	1,294	92.3	1,166	127	9.8	108	1,094	93.3	991	103	9.4	77
With wife not in labor force	18,707	73.7	18,059	649	3.5	6,665	17,545	71.7	17,099	447	2.5	6,942
Wives	22,147	46.6	20,745	1,402	6.3	25,373	23,625	49.1	22,453	1,172	5.0	24,488
With employed husband	19,604	52.0	18,438	1,166	5.9	18,059	21,132	55.3	20,141	991	4.7	17,099
With unemployed husband	712	52.3	585	127	17.8	649	601	57.4	497	103	17.1	447
With husband not in labor force	1,830	21.5	1,722	108	5.9	6,665	1,891	21.4	1,814	77	4.1	6,942
Women who head families	4,422	56.2	4,009	413	9.3	3,443	4,993	59.3	4,581	413	8.3	3,424
Relatives in husband-wife families	13,895	60.4	11,969	1,926	13.9	9,099	14,367	62.4	12,671	1,696	11.8	8,639
Relatives in female-headed families	3,881	55.8	3,124	756	19.5	3,067	4,168	56.6	3,450	718	17.2	3,190
Persons not living in families ⁴	12,643	58.3	11,723	921	7.3	9,072	14,800	60.8	13,958	841	5.7	9,545

¹ Percent of each specified group in the civilian labor force. ² Unemployment as percent of civilian labor force in specified group. ³ Includes a small number of single, separated, widowed, or divorced men who head families. ⁴ Individuals living alone or with unrelated persons plus a small number of persons in secondary families.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 670. EMPLOYMENT STATUS OF MEMBERS IN HUSBAND-WIFE FAMILIES: 1960 TO 1979

[As of March. Includes members of the Armed Forces living off post or with their families on post]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Husband employed, total (1,000)	33,579	35,512	37,667	38,252	36,891	37,141	37,424	37,484	37,771
Percent: Wife or other member in labor force ¹	42.7	47.2	53.1	57.2	58.0	58.9	61.2	62.3	64.2
Wife only.....	25.5	29.4	34.3	37.4	38.8	39.1	40.8	41.6	43.7
Wife and other member.....	6.1	7.3	9.3	9.9	10.0	10.8	11.2	11.9	11.9
Wife or other member employed ²	40.0	44.5	50.7	54.5	53.5	55.0	57.2	59.1	61.0
Husband unemployed, total (1,000)	1,462	1,033	972	1,060	2,282	1,885	1,669	1,340	1,199
Percent: Wife or other member in labor force ¹	49.7	54.6	55.1	56.7	61.2	60.6	58.7	62.2	60.3
Wife only.....	32.1	36.7	41.8	39.3	44.6	44.6	41.9	45.9	44.2
Wife and other member.....	8.0	7.8	7.6	8.5	8.6	9.1	9.4	8.6	10.3
Wife or other member employed ²	41.7	47.5	50.8	48.5	47.5	50.8	49.3	53.4	51.6

¹ Includes other categories not shown separately. ² Includes wife or other member who is unemployed.
Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics, 1978*, and *Monthly Labor Review*.

NO. 671. MARRIED WOMEN (HUSBAND PRESENT) IN THE LABOR FORCE, BY PRESENCE AND AGE OF CHILDREN: 1960 TO 1979

[As of March. Beginning 1975, data not comparable with earlier years due to the use of 1970 census data in estimation procedure. Based on Current Population Survey conducted by the Bureau of the Census; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 63-74]

PRESENCE AND AGE OF CHILDREN	NUMBER (mil.)						LABOR FORCE PARTICIPATION RATE ¹					
	1960	1965	1970	1975	1978	1979	1960	1965	1970	1975	1978	1979
Women, husband present	12.3	14.7	18.4	21.1	22.8	23.8	30.5	34.7	40.8	44.4	47.6	49.4
With no children under 18 yr.....	5.7	6.8	8.2	9.7	10.3	11.0	34.7	38.3	42.2	43.9	44.7	46.7
With children 6-17 yr. only.....	4.1	4.8	6.3	7.0	7.8	8.1	39.0	42.7	49.2	52.3	57.2	59.1
With children under 6 yr.....	2.5	3.1	3.9	4.4	4.6	4.8	18.6	23.3	30.3	35.6	41.6	43.2
Also with children 6-17 yr.....	1.4	1.7	2.0	1.9	2.0	2.1	18.9	22.8	30.5	34.2	40.9	41.6

¹ Married women in the labor force as percent of married women in the population.
Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports*.

NO. 672. MARRIED, SEPARATED, AND DIVORCED WOMEN—EMPLOYMENT STATUS, BY PRESENCE AND AGE OF OWN CHILDREN: 1975 AND 1979

[In thousands of women 16 years old and over, except percent. As of March. Based on Current Population Survey conducted by the Bureau of the Census; see Appendix III]

EMPLOYMENT STATUS	Married, husband present, total	MARRIED HUSBAND PRESENT WITH—			Separated, total	SEPARATED WITH ¹ —			Divorced, total	DIVORCED WITH—		
		No children under 18 yr.	Children 6-17 yr. only	Children under 6 yr.		No children under 18 yr.	Children 6-17 yr. only	Children under 6 yr.		No children under 18 yr.	Children 6-17 yr. only	Children under 6 yr.
1975												
Total women	47,547	22,111	13,317	12,115	2,929	1,242	775	913	3,982	2,099	1,180	703
Percent in labor force.....	44.4	43.9	52.3	36.6	54.8	56.4	59.0	49.1	72.1	69.9	80.1	65.6
In labor force.....	21,111	9,701	6,971	4,437	1,606	701	457	448	2,873	1,467	945	461
Employed.....	19,313	9,022	6,467	3,824	1,368	628	398	342	2,633	1,361	859	413
Percent full-time ²	71.8	78.7	65.3	64.7	78.7	81.8	75.9	76.3	85.4	86.3	84.1	81.2
Unemployed.....	1,798	680	503	615	238	73	59	106	240	106	86	48
Percent.....	8.5	7.0	7.2	13.9	14.8	10.4	12.9	23.7	8.4	7.2	9.1	10.4
Not in labor force.....	26,436	12,410	6,346	7,678	1,323	540	318	465	1,109	632	235	241
1979												
Total women	48,239	23,474	13,655	11,110	3,075	1,396	909	770	5,359	2,928	1,694	736
Percent in labor force.....	49.4	46.7	59.1	43.2	58.8	57.8	65.2	53.1	74.0	69.9	83.4	68.9
In labor force.....	23,832	10,974	8,064	4,795	1,808	807	592	409	3,967	2,047	1,412	508
Employed.....	22,620	10,564	7,689	4,387	1,631	757	540	334	3,723	1,949	1,320	455
Percent full-time ²	71.0	76.4	67.6	64.1	83.4	84.3	82.4	83.2	88.4	89.0	88.5	85.5
Unemployed.....	1,212	410	395	407	177	51	52	74	243	98	92	53
Percent.....	5.1	3.7	4.9	8.5	9.8	6.3	8.8	18.2	6.1	4.8	6.5	10.4
Not in labor force.....	24,407	12,500	5,592	6,315	1,267	589	317	361	1,392	882	282	229

¹ Married women who are either permanently or temporarily living apart from their husbands for specific reasons, excluding vacations, business meetings, and the like. ² Workers who, during the survey week, worked 35 hours or more and those who usually work full-time but worked 1 to 34 hours.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, No. 198 and *Monthly Labor Review*, April 1980.

NO. 673. EMPLOYMENT, BY SEX, BY STATES: 1976 AND 1979

[State data may not add to U.S. and regional totals since data for States are derived by independent population controls. See headline, table 856. For total employment by State, see table 656]

REGION AND STATE	1976			1979			REGION AND STATE	1976			1979		
	Male (1,000)	Female		Male (1,000)	Female			Male (1,000)	Female		Male (1,000)	Female	
		Total (1,000)	Per-cent ¹		Total (1,000)	Per-cent ¹			Total (1,000)	Per-cent ¹		Total (1,000)	Per-cent ¹
U.S.....	52,391	35,095	40.1	56,499	40,446	41.7	S.A.—Con.						
N.E.	3,021	2,121	41.2	3,275	2,490	43.2	Va.....	1,272	898	41.4	1,337	1,023	43.3
Maine.....	257	173	40.2	263	191	42.2	W. Va.....	416	213	33.9	443	256	36.6
N.H.....	213	149	41.2	252	178	41.3	N.C.....	1,379	1,019	42.5	1,441	1,123	43.8
Vt.....	118	80	40.6	132	96	42.1	S.C.....	690	478	40.9	709	532	42.9
Mass.....	1,472	1,028	41.1	1,544	1,187	43.5	Ga.....	1,186	841	41.5	1,271	944	42.6
R.I.....	227	168	42.5	235	185	44.0	Fla.....	1,820	1,342	42.4	2,079	1,527	42.4
Conn.....	780	556	41.6	848	652	43.5	E.S.C.	3,413	2,261	39.8	3,439	2,356	40.7
M.A.	8,745	5,766	39.7	9,118	6,570	41.9	Ky.....	839	528	38.6	882	594	40.2
N.Y.....	4,174	2,767	39.9	4,297	3,140	42.2	Tenn.....	1,014	703	41.0	1,093	771	41.4
N.J.....	1,769	1,193	40.3	1,872	1,421	43.2	Ala.....	853	527	38.2	917	592	39.2
Pa.....	2,865	1,849	39.2	2,933	1,997	40.5	Miss.....	510	371	42.1	537	392	42.2
E.N.C.	10,363	6,740	39.4	10,904	7,607	41.1	W.S.C.	5,088	3,271	39.1	5,728	3,916	40.6
Ohio.....	2,662	1,698	38.9	2,828	1,911	40.3	Ark.....	480	327	40.5	506	389	43.5
Ind.....	1,379	901	39.5	1,434	1,009	41.3	La.....	859	526	38.0	959	609	38.9
Ill.....	2,839	1,905	40.1	2,936	2,100	41.7	Okla.....	665	428	39.2	722	512	41.5
Mich.....	2,221	1,401	38.7	2,363	1,615	40.6	Tex.....	3,171	2,046	39.2	3,562	2,419	40.4
Wis.....	1,236	817	39.8	1,318	955	42.0	Mt.	2,461	1,619	39.7	2,745	1,883	40.7
W.N.C.	4,353	2,912	40.1	4,659	3,390	42.1	Mont.....	199	111	35.7	207	143	40.7
Minn.....	1,078	677	38.6	1,138	840	42.5	Idaho.....	210	135	39.1	242	156	39.2
Iowa.....	759	523	40.8	816	557	40.6	Wyo.....	108	64	37.4	133	84	38.7
Mo.....	1,162	831	41.7	1,264	924	42.2	Colo.....	671	474	41.4	773	547	41.4
N. Dak.....	169	101	37.5	174	118	40.4	N. Mex.....	253	170	40.2	298	203	40.4
S. Dak.....	177	123	40.9	189	137	42.2	Ariz.....	513	341	39.9	585	413	41.3
Nebr.....	417	278	40.0	426	321	43.0	Utah.....	299	184	38.0	337	222	39.7
Kans.....	634	407	39.1	663	494	42.7	Nev.....	168	110	39.7	204	136	40.0
S.A.	8,054	5,711	41.5	8,734	6,494	42.6	Pac.	6,963	4,824	40.9	7,887	5,739	42.1
Del.....	140	96	40.7	151	102	40.3	Wash.....	866	584	40.3	1,051	713	40.4
Md.....	1,054	718	40.5	1,139	829	42.1	Oreg.....	581	387	40.0	688	446	39.3
D.C.....	151	152	50.2	150	146	49.3	Calif.....	5,212	3,607	40.9	5,905	4,376	42.5
							Alaska.....	84	61	42.1	92	72	43.9
							Hawaii.....	195	166	46.0	203	171	45.7

¹ Percent of total employment.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual.

NO. 674. WOMEN EMPLOYEES IN NONAGRICULTURAL INDUSTRIES: 1970 TO 1979

[Annual averages of monthly figures]

INDUSTRY GROUP	1970			1975			1979		
	Number (1,000)	Percent of—		Number (1,000)	Percent of—		Number (1,000)	Percent of—	
		Industry group	Total employment		Industry group	Total employment		Industry group	Total employment
Total.....	26,132	37	37	30,178	39	39	36,952	40	40
Manufacturing.....	5,448	28	8	5,257	29	7	6,464	31	7
Durable goods.....	2,284	20	3	2,276	21	3	3,083	24	3
Nondurable goods.....	3,165	39	5	2,981	39	4	3,381	41	4
Mining.....	37	6	(z)	55	7	(z)	91	10	(z)
Construction.....	186	5	(z)	256	7	(z)	372	8	(z)
Transportation and public utilities.....	957	21	1	996	22	1	1,231	24	1
Wholesale trade.....	918	23	1	1,046	24	1	1,311	25	1
Retail trade.....	5,089	46	7	6,005	47	8	7,355	49	8
Finance, insurance, and real estate.....	1,907	52	3	2,287	55	3	2,886	58	3
Services.....	6,224	54	9	7,822	56	10	9,910	58	11
Government.....	5,365	43	8	6,454	44	8	7,331	47	8

Z Less than .5 percent.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 675. EMPLOYED MARRIED WOMEN, HUSBAND PRESENT, BY OCCUPATION: 1950 TO 1979

[As of March, except as noted. Prior to 1960, excludes Alaska and Hawaii. See headnote, table 671]

OCCUPATION	1950	1955 ¹	1960	1965	1970	1975	1976	1977	1978	1979
Total, all groups (millions)	8.0	10.0	11.6	14.0	17.5	19.3	20.0	20.9	21.6	22.6
Percent distribution.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Prof., tech., kindred workers	9.5	10.5	13.0	14.7	15.4	17.6	17.4	17.1	17.0	17.7
Farmers and farm managers	1.0	.7	.2	.2	.2	.9	.2	.2	.2	.4
Managers and administrators ²	7.0	4.6	5.0	4.7	4.7	5.7	6.2	6.0	6.9	6.7
Clerical and kindred workers	32.4	25.4	28.3	30.2	33.6	35.0	35.5	35.5	34.9	35.8
Salesworkers .....											9.4	8.4	8.1	7.1	6.8	6.4	6.5	7.0	6.5
Craft and kindred workers	1.2	1.3	1.0	1.3	1.3	1.6	1.5	1.6	1.8	1.8
Operatives and kindred workers.....	23.1	21.8	18.6	17.5	16.3	12.5	13.3	12.9	12.5	11.8
Private household workers	20.2	6.3	6.2	5.1	3.5	2.2	1.9	1.9	1.9	2.0
Service workers, except priv. hshld.....											12.8	15.9	15.6	16.0	16.5	15.9	16.4	15.7	15.5
Farm laborers and supervisors	5.2	6.6	3.1	2.3	1.6	.9	.9	.9	1.1	.8
Laborers, exc. farm and mine.....	.4	.6	.3	.5	.3	.8	.9	.9	.9	1.1

¹ As of April. ² Excludes farm.

Source: 1950 and 1955, U.S. Bureau of the Census, *Current Population Reports*, series P-50, No. 62; thereafter, U.S. Bureau of Labor Statistics, *Special Labor Force Reports*.

NO. 676. SATISFIED WORKERS AS PERCENT OF TOTAL WORKERS: 1962 TO 1980

[Survey questions asked were variants of "How satisfied are you with your job (or your work)?" Figures for "satisfied" combined responses such as "very satisfied," "somewhat satisfied," and "fairly satisfied"]

WORKER CHARACTERISTIC	1962	1972	1975	1978	1980	WORKER CHARACTERISTIC	1962	1972	1975	1978	1980
Male	84	86	90	89	85	White	84	87	89	90	84
Female	81	86	87	88	83	Black and other	76	78	85	76	81
18-29 years	(NA)	73	83	83	76	Education:					
21-29 years	74	76	82	84	78	Grade school.....	83	86	87	88	87
30-39 years	82	88	88	88	82	High school.....	81	86	91	87	81
40-49 years	84	89	92	92	88	Some college.....	86	83	90	90	82
50-59 years	(NA)	91	92	92	86	College degree.....	90	85	85	91	88
60 and over	(NA)	95	94	96	90	Graduate work.....	84	95	87	91	90

NA Not available. ¹ Black only.

Source: National Opinion Research Center, Chicago, Ill., *General Social Surveys, 1972-1978: Cumulative Codebook*, and unpublished data.

NO. 677. LABOR TURNOVER RATES IN MANUFACTURING: 1960 TO 1979

[Rate per 100 employees per month. Data refer to wage and salary workers. See also *Historical Statistics, Colonial Times to 1970*, series D 1022-1028]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Accessions ¹	3.8	4.3	4.0	3.9	4.5	4.8	4.2	3.7	3.9	4.0	4.1	3.9
New hires	2.2	3.1	2.8	2.6	3.3	3.9	3.2	2.0	2.6	2.8	3.1	2.9
Separations ²	4.3	4.1	4.8	4.2	4.3	4.7	4.9	4.2	3.8	3.8	3.9	4.0
Quits	1.3	1.9	2.1	1.8	2.3	2.8	2.4	1.4	1.7	1.8	2.1	2.0
Layoffs	2.4	1.4	1.8	1.6	1.1	.9	1.5	2.1	1.3	1.1	.9	1.1

¹ Includes rehires. ² Includes discharges and military and miscellaneous separations.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 678. U.S. EMPLOYMENT SERVICE JOB OPENINGS AND PLACEMENTS, AND INDEX OF HELP-WANTED ADVERTISING: 1960 TO 1979

[In thousands, except as indicated. Openings and placements: 1960 and 1965, calendar years; thereafter, fiscal years; for 1960 and 1965, include Puerto Rico, Virgin Islands, and Guam]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Job openings: ¹ Received.....	7,124	8,690	6,130	8,443	9,439	7,889	7,668	8,396	9,534	9,477
Average per mo	594	724	511	701	787	657	639	699	795	789
Nonagricultural placements ¹	5,818	6,473	4,604	4,517	4,913	4,374	5,234	5,544	6,248	6,349
Index of help wanted advertising in newspapers ² (1967=100)	56	84	93	126	110	80	95	118	150	158

¹ As reported by State employment agencies. ² Source: The Conference Board, New York, N.Y. Further reproduction prohibited without permission. Index based on number of advertisements in classified sections of newspapers.

Source: Except as noted, U.S. Employment and Training Administration, unpublished data.

NO. 679. EMPLOYMENT, BY INDUSTRY: 1970 TO 1979

[In thousands of persons 16 years old and over, except percent. Annual averages of monthly figures. Based on household survey; see text, pp. 391 and 392, and Appendix III. Persons of Hispanic origin may be of any race]

INDUSTRY	1970	1975	1977	1978	1979			PERCENT FEMALE	
					Total	Percent		1970	1979
						Black	Hispanic		
Total employed	78,627	84,783	90,546	94,373	96,945	9.4	4.8	37.7	41.7
Agriculture, forestry, fisheries.....	3,566	3,476	3,383	3,501	3,455	7.1	6.6	17.0	19.8
Mining.....	515	732	814	828	865	3.6	4.9	7.0	11.8
Construction.....	4,814	5,015	5,504	6,043	6,299	7.0	5.2	4.9	7.4
Manufacturing.....	20,737	19,275	20,637	21,497	22,137	9.8	6.0	27.7	30.9
Transportation, communication, and other public utilities.....	5,317	5,623	5,833	6,162	6,406	11.4	4.1	21.2	24.4
Wholesale and retail trade.....	14,996	17,470	18,706	19,253	19,672	6.2	4.6	23.8	46.0
Wholesale trade.....	2,670	3,333	3,597	3,616	3,775	6.0	4.0	22.4	25.5
Retail trade.....	12,327	14,137	15,109	15,636	15,898	6.2	4.8	45.8	50.8
Finance, insurance, real estate.....	3,942	4,665	5,038	5,406	5,779	7.5	3.4	50.4	57.6
Banking and other finances.....	1,695	1,918	2,061	2,153	2,367	7.8	4.2	57.7	66.4
Insurance and real estate.....	2,246	2,747	2,977	3,254	3,412	7.5	2.9	44.9	51.5
Services ¹	20,266	23,759	25,658	26,662	27,275	11.9	4.0	60.6	61.2
Business services.....	1,402	1,668	1,924	2,128	2,200	10.7	3.9	40.4	44.8
Automobile services.....	699	697	794	872	933	(NA)	(NA)	8.7	12.4
Personal services ¹	4,273	3,719	3,826	3,826	3,800	18.4	6.1	75.5	73.7
Private households.....	1,781	1,378	1,406	1,396	1,301	30.1	6.6	88.9	88.1
Hotels and lodging places.....	978	973	1,068	1,075	1,096	(NA)	(NA)	68.0	65.4
Entertainment and recreation.....	716	849	968	1,018	1,026	7.3	4.4	33.9	38.4
Professional and related services ¹	² 12,894	16,373	17,644	18,327	18,817	11.3	3.3	63.7	65.6
Hospitals.....	2,841	3,394	3,645	3,781	3,843	16.3	3.5	77.4	76.5
Health services ³	1,626	2,471	2,683	2,933	3,047	9.7	3.0	71.1	74.7
Elementary, secondary schools.....		5,034	5,106	5,180	5,368	(NA)	(NA)		70.9
Colleges and universities.....	6,123	1,830	2,016	1,996	2,048	(NA)	(NA)	62.0	48.9
Welfare and religious agencies.....	827	1,231	1,429	1,525	1,536	15.8	4.4	48.1	59.0
Public administration ⁴	4,473	4,770	4,972	5,020	5,056	12.9	4.1	31.5	34.2

NA Not available. ¹ Includes industries not shown separately. ² Not strictly comparable with later years due to reclassification between "Professional and related services" and "Public administration." ³ Except hospitals. ⁴ Includes workers involved in uniquely governmental activities, e.g., judicial and legislative.

NO. 680. CIVILIANS EMPLOYED, BY HOURS WORKED: 1965 TO 1979

[In thousands of persons 16 years old and over, except 1965, 14 and over; except percent. Annual averages of monthly figures]

HOURS WORKED	1965	1970	1973	1974	1975	1976	1977	1978	1979
Employed, nonagricultural industries¹	67,594	75,165	80,957	82,443	81,403	84,188	87,302	91,031	93,648
Worked 1-14 hours.....	4,027	3,962	4,092	4,200	4,349	4,376	4,500	4,568	4,547
Worked 15-34 hours.....	8,590	14,260	13,381	14,075	14,189	15,239	15,756	15,915	17,490
Worked 35 or more hours.....	51,611	52,462	58,710	59,008	57,857	59,410	61,742	65,210	66,095
Percent of total.....	76.4	69.8	72.5	71.6	71.1	70.6	70.7	71.6	70.6
Employed, agricultural industries¹	4,585	3,462	3,452	3,492	3,380	3,297	3,244	3,342	3,297
Worked 35 or more hours.....	3,027	2,255	2,265	2,301	2,227	2,186	2,149	2,229	2,274
Percent of total.....	66.0	65.1	65.5	65.9	65.9	66.3	66.2	66.7	69.0

¹ Includes persons who had a job or business, but did not work at all during survey week because of illness, bad weather, vacation, industrial dispute, or various personal reasons, not shown separately.

NO. 681. CLASS OF WORKER OF EMPLOYED PERSONS, BY SEX: 1965 TO 1979

[See headnote, table 680]

CLASS OF WORKER	1965		1970		1975		1978		1979	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Nonagriculture, employed	43,304	24,289	46,099	29,066	48,429	32,974	52,610	38,221	53,854	39,794
Wage and salary workers.....	38,434	22,331	42,116	27,330	44,205	31,093	48,238	36,016	49,098	37,442
Self-employed workers.....	4,794	1,419	3,929	1,288	4,171	1,456	4,529	1,776	4,714	1,939
Unpaid family workers.....	77	540	53	449	54	424	43	429	42	412
Agriculture, employed	3,729	856	2,861	601	2,801	579	2,681	661	2,645	652
Wage and salary workers.....	1,243	249	979	174	1,062	218	1,135	283	1,130	283
Self-employed workers.....	2,170	137	1,722	88	1,592	123	1,455	153	1,418	163
Unpaid family workers.....	316	470	160	339	147	239	91	225	98	206

Source of tables 679-681: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 682. UNEMPLOYED AND UNEMPLOYMENT INSURANCE—SUMMARY: 1970 TO 1980

[In thousands, except as indicated. Persons 16 years old and over. Annual averages of monthly figures, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series D 87-101]

ITEM AND CHARACTERISTIC	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, Jan.- May ¹
Total unemployed	4,088	4,840	4,304	5,076	7,830	7,288	6,855	6,047	5,963	6,918
Labor force time lost ² (percent).....	5.4	6.0	5.2	6.1	9.1	8.4	7.6	6.5	6.3	7.3
Male.....	2,235	2,635	2,240	2,668	4,385	3,968	3,588	3,051	3,018	3,762
Female.....	1,853	2,205	2,064	2,408	3,445	3,320	3,267	2,996	2,945	3,156
White.....	3,337	3,884	3,411	4,057	6,371	5,855	5,373	4,620	4,577	5,387
Black and other.....	752	956	894	1,018	1,459	1,433	1,482	1,427	1,386	1,527
Full-time workers.....	3,201	3,769	3,291	3,941	6,437	5,874	5,432	4,706	4,639	5,554
Part-time workers.....	887	1,071	1,013	1,134	1,393	1,414	1,423	1,341	1,325	1,360
Percent of total unemployed.....	21.7	22.1	23.5	22.3	17.8	19.4	20.6	22.2	22.2	19.7
16-19 years old.....	1,105	1,302	1,225	1,410	1,752	1,701	1,642	1,559	1,528	1,575
Percent of total unemployed.....	27.0	26.9	28.5	27.8	22.4	23.3	24.0	25.8	25.6	22.8
Male.....	599	707	647	749	957	928	861	799	795	823
Female.....	506	595	579	660	795	773	781	760	733	752
White.....	871	1,017	950	1,099	1,408	1,356	1,275	1,178	1,181	1,229
Black and other.....	235	284	275	311	347	345	367	381	347	346
20-24 years old.....	864	1,116	985	1,182	1,828	1,670	1,578	1,425	1,377	1,645
Percent of total unemployed.....	21.1	23.1	22.9	23.3	23.3	22.9	23.0	23.6	23.1	23.8
Male.....	478	619	514	631	1,059	924	846	733	705	946
Female.....	386	497	471	552	769	746	732	692	672	699
White.....	678	879	746	910	1,455	1,303	1,169	1,029	1,005	(NA)
Black and other.....	185	237	239	272	373	367	409	396	372	(NA)
25-44 years old.....	1,230	1,436	1,289	1,568	2,684	2,507	2,375	2,047	2,075	2,622
Percent of total unemployed.....	30.1	29.9	29.9	30.9	34.3	34.4	34.6	33.9	34.8	34.8
Male.....	643	738	633	791	1,465	1,315	1,206	963	982	1,382
Female.....	587	698	656	777	1,218	1,192	1,170	1,085	1,092	1,239
45-64 years old.....	784	876	717	816	1,410	1,264	1,112	892	880	984
Percent of total unemployed.....	19.2	18.1	16.7	16.1	18.0	17.3	16.2	14.8	14.8	14.2
Male.....	444	499	389	434	801	708	579	475	469	539
Female.....	340	377	328	382	610	556	533	418	411	445
65 years and over.....	104	111	88	99	155	147	147	123	104	94
Unemployment rate (percent):³										
All workers.....	4.9	5.6	4.9	5.6	8.5	7.7	7.0	6.0	5.8	6.6
White.....	4.5	5.0	4.3	5.0	7.8	7.0	6.2	5.2	5.1	5.9
Male.....	4.0	4.5	3.7	4.3	7.2	6.4	5.5	4.5	4.4	5.6
Female.....	5.4	5.9	5.3	6.1	8.6	7.9	7.3	6.2	5.9	6.3
Black and other.....	8.2	10.0	8.9	9.9	13.9	13.1	13.1	11.9	11.3	12.3
Ratio to White.....	1.8	2.0	2.1	2.0	1.8	1.9	2.1	2.3	2.2	2.1
Male.....	7.3	8.9	7.6	9.1	13.7	12.7	12.4	10.9	10.3	12.0
Female.....	9.3	11.3	10.5	10.7	14.0	13.6	14.0	13.1	12.3	12.7
Men, 20 years old and over.....	3.5	4.0	3.2	3.8	6.7	5.9	5.2	4.2	4.1	5.3
Women, 20 years old and over.....	4.8	5.4	4.8	5.5	8.0	7.4	7.0	6.0	5.7	6.0
Women maintaining families.....	5.4	7.2	7.0	7.0	10.0	10.0	9.3	8.5	8.3	6.4
Married men, wife present.....	2.6	2.8	2.3	2.7	5.1	4.2	3.6	2.8	2.7	3.7
White.....	2.4	2.6	2.1	2.5	4.8	4.0	3.4	2.6	2.5	(NA)
Black and other.....	3.9	4.5	3.8	4.3	8.3	7.0	6.2	4.8	5.0	(NA)
Teenagers (16-19 yr. old).....	15.3	16.2	14.5	16.0	19.9	19.0	17.7	16.3	16.1	16.8
Blue-collar workers.....	6.2	6.5	5.3	6.7	11.7	9.4	8.1	6.9	6.9	8.9
White-collar workers.....	2.8	3.4	2.9	3.3	4.7	4.6	4.3	3.5	3.3	3.5
Experienced workers ⁴	4.8	5.3	4.5	5.3	8.2	7.3	6.6	5.6	5.8	6.3
Percent without work for—										
4 weeks or less.....	52.3	45.9	51.0	50.6	37.0	38.3	41.7	46.2	48.1	47.3
5-10 weeks.....	23.4	22.5	22.4	22.7	22.2	21.0	22.0	22.8	23.4	(NA)
11-14 weeks.....	8.1	7.6	7.7	8.2	9.1	8.6	8.5	8.3	8.3	(NA)
15-26 weeks.....	10.4	12.3	11.0	11.1	16.5	13.8	13.1	12.3	11.5	12.5
Over 26 weeks.....	5.8	11.6	7.8	7.3	15.2	18.3	14.8	10.5	8.7	8.7
Unemployment duration, avg. (weeks).....	8.8	12.1	10.0	9.7	14.1	15.8	14.3	11.9	10.8	10.8
Unemployment insurance:⁵										
Insured unemployed, avg. ⁶	1,805	1,848	1,632	2,262	3,986	2,991	2,655	2,350	2,433	(NA)
Percent of covered employment.....	3.4	3.5	2.7	3.5	6.0	4.6	3.9	3.3	2.9	(NA)
Initial claims, wkly. avg. ⁷	296	261	247	363	478	386	375	346	387	(NA)
Claimants exhausting benefits.....	1,295	1,809	1,495	1,926	4,195	3,270	2,850	2,039	2,037	(NA)
Percent of first payment claims.....	24.4	29.2	27.7	31.0	37.8	37.8	33.2	26.7	26.7	(NA)
Avg. duration of benefits (weeks).....	12.3	14.2	13.4	12.7	15.7	14.9	14.2	13.3	13.1	(NA)

NA Not available. ¹ Seasonally adjusted average. See text, p. 393. Some detail will not add to total because of independent adjustments. ² Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours. ³ Unemployed as percent of civilian labor force in specified group.

⁴ Wage and salary workers. ⁵ Source: U.S. Employment and Training Administration; State programs only. See table 566. ⁶ Workers reporting completion of at least 1 week of unemployment. ⁷ Notices by workers to indicate they are starting periods of unemployment.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual, and *Employment and Earnings*, monthly.

No. 683. TOTAL UNEMPLOYED AND INSURED UNEMPLOYED—STATES: 1975 TO 1979

[Persons 16 years old and over. Annual averages of monthly figures. Total unemployment estimates based on the Current Population Survey (CPS), except as noted in footnote 5; see text, p. 1]

STATE	TOTAL UNEMPLOYED ¹										INSURED UNEMPLOYED			
	Number (1,000)					Percent ²					Number (1,000)		Percent ³	
	1975	1976	1977	1978	1979	1975	1976	1977	1978	1979	1978	1979 ⁴	1978	1979 ⁴
Alabama.....	111	100	114	101	116	7.7	6.8	7.4	6.3	7.1	35.5	42.1	3.5	3.4
Alaska ⁵	10	13	16	20	17	6.7	8.0	9.4	11.2	9.2	13.4	11.5	11.1	8.1
Arizona ⁵	113	93	80	61	53	12.1	9.8	8.2	6.1	5.1	13.9	13.7	2.1	1.6
Arkansas ⁵	80	62	60	58	59	9.5	7.1	6.6	6.3	6.2	22.6	24.7	3.9	3.5
California.....	926	880	834	755	683	9.9	9.2	8.2	7.1	6.2	310.5	292.5	4.1	3.2
Colorado ⁵	80	71	78	71	66	6.9	5.9	6.2	5.5	4.8	17.1	15.6	2.0	1.5
Connecticut.....	133	139	106	79	81	9.1	9.5	7.0	5.2	5.1	37.2	30.9	3.0	2.4
Delaware ⁵	25	23	23	21	22	9.6	8.9	8.4	7.6	8.0	6.8	6.3	3.2	2.6
District of Columbia.....	26	30	32	28	24	7.6	9.1	9.7	8.5	7.5	10.1	9.5	2.9	2.6
Florida.....	366	314	289	245	230	10.7	9.0	8.2	6.6	6.0	58.7	56.0	2.1	1.8
Georgia.....	185	179	156	131	119	8.6	8.1	6.9	5.7	5.1	37.4	38.1	2.4	2.0
Hawaii ⁵	32	39	30	31	25	8.2	9.8	7.3	7.7	6.3	10.4	9.8	3.1	2.8
Idaho ⁵	21	21	23	23	24	6.2	5.7	5.9	5.7	5.7	9.2	11.0	3.7	3.6
Illinois.....	357	332	320	323	293	7.1	6.5	6.2	6.1	5.5	148.2	141.0	3.9	3.1
Indiana.....	206	148	141	146	167	8.6	6.1	5.7	5.7	6.4	32.5	45.2	1.8	2.2
Iowa ⁵	56	53	56	57	59	4.2	4.0	4.0	4.0	4.1	22.9	21.5	2.6	2.0
Kansas ⁵	48	46	45	35	40	4.6	4.2	4.1	3.1	3.4	13.4	13.8	2.0	1.6
Kentucky.....	103	81	70	82	87	7.3	5.6	4.7	5.2	5.6	32.3	37.9	3.5	3.8
Louisiana.....	106	101	109	113	112	7.4	6.8	7.0	7.0	6.7	32.5	31.8	2.8	2.3
Maine ⁵	47	42	39	29	35	10.3	8.9	8.4	6.1	7.2	14.5	14.4	4.7	3.8
Maryland.....	128	128	118	114	124	6.9	6.8	6.1	5.6	5.9	33.1	34.4	2.8	2.4
Massachusetts.....	304	263	225	173	160	11.2	9.5	8.1	6.1	5.5	78.1	75.1	3.9	3.1
Michigan.....	488	374	337	289	335	12.5	9.4	8.2	6.9	7.8	127.6	162.7	4.0	4.8
Minnesota.....	107	110	98	76	86	5.9	5.9	5.1	3.8	4.2	31.2	32.2	2.1	2.0
Mississippi ⁵	75	62	71	68	57	8.2	6.6	7.4	7.1	5.8	17.5	19.3	2.9	2.5
Missouri.....	142	133	131	114	104	6.9	6.2	5.9	5.0	4.5	50.3	52.0	3.3	2.8
Montana ⁵	21	20	22	22	19	6.3	6.1	6.4	6.0	5.1	9.3	8.9	4.0	3.6
Nebraska ⁵	28	24	28	23	25	3.9	3.3	3.7	2.9	3.2	8.2	7.1	1.7	1.3
Nevada ⁵	28	27	23	15	18	9.7	9.0	7.0	4.4	5.1	7.9	7.9	3.0	2.3
New Hampshire ⁵	34	25	24	16	14	9.1	6.4	5.9	3.8	3.1	4.3	4.5	1.5	1.4
New Jersey.....	333	345	316	246	245	10.2	10.4	9.4	7.2	6.9	117.8	126.0	5.1	4.5
New Mexico ⁵	44	43	39	30	35	10.0	9.1	7.8	5.8	6.6	8.8	8.4	2.9	2.1
New York.....	729	794	707	603	571	9.5	10.3	9.1	7.7	7.1	261.5	250.9	4.5	3.7
North Carolina.....	217	159	155	116	129	8.6	6.2	5.9	4.3	4.8	37.1	38.3	2.0	1.8
North Dakota ⁵	10	10	14	14	11	3.7	3.6	4.8	4.6	3.7	5.8	5.5	3.5	2.7
Ohio.....	429	369	311	267	297	9.1	7.8	6.5	5.4	5.9	87.9	116.5	2.3	2.8
Oklahoma.....	83	65	61	49	44	7.2	5.6	5.0	3.9	3.4	12.6	13.7	1.6	1.4
Oregon.....	110	102	83	72	83	10.6	9.5	7.4	6.0	6.8	31.9	34.1	3.7	3.6
Pennsylvania.....	423	406	398	364	366	8.3	7.9	7.7	6.9	6.9	184.7	184.3	4.8	4.2
Rhode Island ⁵	48	35	38	29	30	10.9	8.1	8.6	6.6	6.6	21.3	18.7	6.2	4.9
South Carolina ⁵	103	87	92	74	65	8.7	6.9	7.2	5.7	5.0	20.7	23.3	2.4	2.2
South Dakota ⁵	11	11	10	10	12	3.7	3.4	3.3	3.1	3.5	3.9	3.4	2.2	1.6
Tennessee.....	151	110	120	111	115	8.3	6.0	6.3	5.8	5.8	43.1	50.9	3.2	3.1
Texas.....	294	318	309	288	263	5.6	5.7	5.3	4.8	4.2	57.9	60.9	1.4	1.2
Utah ⁵	36	29	28	21	25	6.8	5.7	5.3	3.8	4.3	9.5	10.3	2.5	2.3
Vermont ⁵	20	19	16	14	12	9.4	8.7	7.0	5.7	5.1	6.0	6.2	4.2	3.5
Virginia.....	145	136	126	130	117	6.4	5.9	5.3	5.4	4.7	26.5	26.6	1.7	1.5
Washington.....	147	137	145	120	128	9.5	8.7	8.8	6.8	6.8	48.2	42.0	4.3	3.0
West Virginia ⁵	57	51	49	46	51	8.6	7.5	7.1	6.3	6.7	22.4	25.1	4.5	4.4
Wisconsin.....	148	122	109	118	108	8.9	5.6	4.9	5.1	4.5	46.2	53.8	2.7	3.0
Wyoming ⁵	7	7	7	7	6	4.2	4.1	3.6	3.3	2.8	1.5	1.5	1.2	.9

¹ Data from U.S. Bureau of Labor Statistics. ² Total unemployment as percent of civilian labor force. ³ Insured unemployment as percent of average covered employment in the previous year. ⁴ Preliminary. ⁵ For 1975, unemployment estimates were derived from data drawn from the CPS and the unemployment insurance program.

Source: U.S. Employment and Training Administration, *Manpower Report of the President*, annual, and U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual.

NO. 684. UNEMPLOYMENT, 1979, AND UNEMPLOYMENT RATE, 1978 AND 1979, BY SEX—STATES

[Persons 16 years old and over. Rate=unemployed as a percent of civilian labor force in specified group]

DIVISION AND STATE	UNEMPLOYED, 1979 (1,000)		UNEMPLOYMENT RATE				DIVISION AND STATE	UNEMPLOYED, 1979 (1,000)		UNEMPLOYMENT RATE			
	Male	Female	1978		1979			Male	Female	1978		1979	
			Male	Female	Male	Female				Male	Female	Male	Female
U.S.	3,018	2,945	5.2	7.2	5.1	6.8	S.A.—Con.						
N.E.	176	156	5.2	8.4	5.1	5.9	Va.	57	60	4.3	6.7	4.1	5.6
Maine	19	16	5.6	6.8	6.8	7.7	W. Va.	31	19	5.5	7.9	6.6	7.1
N.H.	7	7	3.2	4.6	2.6	3.9	N.C.	55	74	3.2	5.8	3.7	6.2
Vt.	6	6	4.8	7.1	4.6	5.7	S.C.	22	44	4.2	7.6	3.0	7.6
Mass.	88	72	5.8	6.5	5.4	5.7	Ga.	46	73	4.3	7.3	3.5	7.2
R.I.	17	13	7.2	5.9	6.8	6.5	Fla.	108	122	5.6	8.0	5.0	7.4
Conn.	39	42	4.1	6.7	4.3	6.1	E.S.C.	179	197	4.5	8.1	4.9	7.7
							Ky.	45	42	4.1	6.9	4.9	6.6
							Tenn.	54	60	4.7	7.3	4.7	7.2
M.A.	631	553	6.7	8.2	6.5	7.8	Ala.	53	62	4.9	8.5	5.5	9.5
N.Y.	308	263	7.3	8.2	6.7	7.7	Miss.	25	32	4.3	10.7	4.5	7.6
N.J.	123	122	6.2	8.6	6.2	7.9							
Pa.	199	167	6.2	8.0	6.4	7.7	W.S.C.	220	257	4.1	6.8	3.7	6.1
							Ark.	25	34	4.7	8.4	4.7	8.2
E.N.C.	628	575	5.1	7.1	5.4	7.0	La.	52	60	5.7	9.1	5.1	9.0
Ohio	149	148	4.9	6.2	5.0	7.2	Okla.	20	24	3.4	4.6	2.7	4.5
Ind.	88	79	4.4	7.4	5.8	7.2	Tex.	125	139	3.7	6.4	3.4	5.4
Ill.	149	143	5.3	7.1	4.8	6.4							
Mich.	183	152	5.7	8.6	7.2	8.6	Mt.	120	124	4.9	6.1	4.2	6.2
Wis.	57	51	4.3	6.3	4.1	5.1	Mont.	9	10	5.3	7.3	4.0	6.6
							Idaho	13	11	5.3	6.4	5.1	6.5
W.N.C.	177	161	3.4	4.8	3.6	4.5	Wyo.	3	4	2.7	4.2	1.9	4.2
Minn.	49	37	3.1	4.8	4.1	4.2	Colo.	32	35	4.7	6.6	3.9	6.0
Iowa	31	28	3.8	4.2	3.7	4.8	N. Mex.	18	18	5.1	6.8	5.6	8.0
Mo.	51	53	4.1	6.3	3.9	5.5	Ariz.	26	28	6.1	6.1	4.2	6.3
N. Dak.	7	4	4.3	5.1	3.7	3.6	Utah.	13	12	3.6	4.2	3.6	5.3
S. Dak.	6	6	2.5	4.0	3.2	4.0	Nev.	10	8	3.7	5.6	4.7	5.7
Nebr.	12	12	2.7	3.3	2.8	3.6							
Kans.	21	20	2.5	3.7	3.0	3.8	Pac.	486	443	6.5	7.9	5.8	7.2
							Wash.	67	61	6.1	7.9	6.0	7.9
S.A.	401	481	6.7	7.2	4.4	6.9	Oreg.	45	38	5.6	6.7	6.1	7.9
Del.	10	12	6.4	9.5	6.5	10.2	Calif.	355	328	6.5	8.0	5.7	7.0
Md.	59	64	4.6	7.0	5.0	7.2	Alaska	10	6	12.6	9.4	10.1	7.9
D.C.	12	12	9.5	7.5	7.4	7.7	Hawaii	13	12	7.8	7.6	6.1	6.5

NO. 685. MINORITY RACE UNEMPLOYMENT, SELECTED STATES: 1977 TO 1979

[Persons 16 years old and over. U.S. totals derived by independent population controls; therefore, State data may not add to U.S. totals. See headnote, table 656. Minority refers to all races other than White. Data are annual averages based on information collected as part of the Current Population Survey; see text, p.1]

STATE	UNEMPLOYED (1,000)			RATE ¹			STATE	UNEMPLOYED (1,000)			RATE ¹		
	1977	1978	1979	1977	1978	1979		1977	1978	1979	1977	1978	1979
U.S.	1,482	1,427	1,386	13.1	11.9	11.3	Md.	41	52	55	11.1	12.3	12.3
Ala.	49	43	48	14.5	12.4	13.0	Mass.	9	10	10	13.1	9.8	7.0
Alaska	5	6	4	15.3	17.8	13.7	Mich.	70	72	88	15.9	14.4	16.3
Ark.	4	8	5	8.1	13.2	8.2	Miss.	45	46	32	13.8	14.0	10.5
Calif.	21	19	23	14.3	12.3	17.3	Mo.	29	38	32	13.5	13.2	13.4
Colo.	6	5	7	12.6	11.5	9.4	Mont.	1	2	2	8.9	12.9	14.7
Conn.	11	11	15	10.8	11.2	14.3	N.J.	60	49	52	16.3	12.4	12.2
D.C.	30	25	20	12.2	10.3	9.3	N. Mex.	5	4	6	11.8	8.4	13.4
Del.	7	5	5	16.5	14.4	14.9	N.Y.	122	117	134	12.2	11.0	11.6
Fla.	83	80	74	13.0	11.4	10.9	N.C.	57	50	50	10.7	9.0	8.9
Ga.	61	47	49	12.2	10.2	11.1	Ohio	57	66	66	13.6	14.8	13.6
Hawaii	21	22	15	6.7	7.2	5.3	Okla.	15	15	8	14.2	12.8	8.6
Ill.	92	100	80	14.8	14.8	11.4	Pa.	72	69	71	19.4	17.5	16.2
Ind.	30	28	31	16.9	14.8	15.2	S.C.	34	27	23	11.3	8.5	6.9
Kans.	7	7	4	12.3	10.4	7.0	Tenn.	36	33	38	12.7	11.5	12.8
Ky.	10	10	10	10.0	10.7	9.6	Texas.	68	69	59	9.8	9.5	8.5
La.	46	53	55	12.6	13.4	12.8	Va.	45	45	47	11.2	10.3	11.1
							Wash.	13	12	10	18.6	13.5	10.0
							Wis.	14	12	7	22.2	16.4	9.4

¹ Unemployed as percent of civilian labor force.

Source of tables 684 and 685: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual, and unpublished data.

NO. 686. UNEMPLOYMENT RATE, BY INDUSTRY AND OCCUPATION, 1975 TO 1979, AND BY SEX, 1977 TO 1979

[Persons 16 years old and over. Rate represents unemployment as a percent of labor force in each specified group. Annual averages of monthly figures.]

INDUSTRY AND OCCUPATION OF LAST JOB	1975	1976	1977	1978	1979	MALE			FEMALE		
						1977	1978	1979	1977	1978	1979
All unemployed ¹	6.5	7.7	7.0	6.0	5.8	6.2	5.2	5.1	8.2	7.2	6.8
Industry: ²											
Agriculture.....	10.3	11.7	11.1	8.8	9.1	10.0	7.2	7.7	15.4	14.5	14.0
Mining.....	4.0	4.7	3.8	4.1	4.9	3.3	4.2	5.0	8.6	3.6	4.3
Construction.....	18.1	15.6	12.7	10.6	10.2	12.9	10.8	10.4	9.8	7.7	7.5
Manufacturing.....	10.9	7.9	6.7	5.5	5.5	5.3	4.2	4.4	9.7	8.2	8.0
Transportation, public utilities.....	5.6	5.0	4.7	3.7	3.7	4.6	3.5	3.4	5.0	4.4	4.5
Wholesale and retail trade.....	8.7	8.6	8.0	6.9	6.5	8.8	5.6	5.4	9.5	8.3	7.7
Finance, insurance, and real estate.....	4.9	4.4	3.9	3.1	3.0	3.0	2.7	2.3	4.5	3.4	3.5
Service industries.....	7.1	7.2	6.6	5.7	5.4	6.4	5.2	5.1	6.8	6.0	5.6
Government.....	4.0	4.4	4.2	3.9	3.7	3.5	3.5	3.1	4.8	4.4	4.3
Occupation: ³											
Professional and technical.....	3.2	3.2	3.0	2.6	2.4	2.3	2.0	1.8	3.9	3.5	3.3
Mgrs. and administrators ⁴	3.0	3.1	2.8	2.1	2.3	2.3	1.7	1.7	4.4	3.4	3.4
Sales workers.....	5.8	5.4	5.3	4.1	3.9	4.0	3.0	2.8	6.8	5.5	5.3
Clerical workers.....	6.6	6.4	5.9	4.9	4.6	5.0	4.1	3.8	6.1	5.1	4.8
Craft and kindred workers.....	8.3	6.9	5.6	4.6	4.5	4.6	4.4	4.4	7.4	6.0	5.0
Operatives, except transport.....	14.7	10.8	9.5	8.1	8.4	8.0	6.5	6.9	11.7	10.4	10.6
Transport equipment operatives.....	8.5	7.7	6.6	5.2	5.4	6.6	5.1	5.4	6.7	7.4	5.0
Nonfarm laborers.....	15.6	13.7	12.0	10.7	10.8	12.1	10.8	10.8	11.0	9.8	11.0
Service workers.....	8.6	8.7	8.2	7.4	7.1	7.5	6.8	6.6	8.6	7.8	7.4
Farm workers.....	3.5	4.5	4.6	3.8	3.8	4.0	2.9	3.0	7.6	7.5	7.0

¹ Includes the self-employed, unpaid family workers, and persons with no previous work experience, not shown separately.

² Covers unemployed wage and salary workers. ³ Includes all experienced unemployed persons. ⁴ Excludes farm.

NO. 687. UNEMPLOYED PERSONS, BY REASON AND SEX: 1970 TO 1979

[In thousands of persons 16 years old and over, except percent. Annual averages of monthly figures]

UNEMPLOYED PERSONS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total	4,088	4,993	4,840	4,304	5,076	7,830	7,288	6,855	6,047	5,963
Job losers.....	1,809	2,313	2,089	1,666	2,205	4,341	3,625	3,103	2,514	2,555
Percent.....	44.3	46.3	43.2	38.7	43.4	55.4	49.7	45.3	41.6	42.8
Job leavers.....	549	587	635	674	756	812	886	889	851	854
Reentrants.....	1,227	1,466	1,444	1,323	1,441	1,865	1,895	1,926	1,814	1,758
New entrants.....	503	627	672	642	672	812	882	938	867	797
Male	2,235	2,776	2,635	2,240	2,668	4,365	3,968	3,568	3,051	3,018
Job losers.....	1,197	1,542	1,376	1,080	1,436	2,877	2,389	1,977	1,572	1,611
Percent.....	53.6	55.5	52.2	48.2	53.8	65.6	60.2	55.1	51.5	53.4
Job leavers.....	282	304	318	333	364	367	393	402	406	413
Reentrants.....	532	642	637	528	579	770	768	777	687	651
New entrants.....	224	288	304	298	290	371	418	433	385	342
Female	1,853	2,217	2,205	2,064	2,408	3,445	3,320	3,267	2,996	2,945
Job losers.....	613	771	713	585	770	1,464	1,235	1,126	942	944
Percent.....	33.1	34.8	32.3	28.3	32.0	42.5	37.2	34.5	31.4	32.1
Job leavers.....	267	283	317	341	393	445	493	487	445	441
Reentrants.....	695	824	807	794	863	1,095	1,126	1,149	1,127	1,106
New entrants.....	279	338	368	343	383	441	464	505	462	455

NO. 688. PERSONS WITH A JOB BUT NOT AT WORK: 1965 TO 1979

[In thousands, except percent. Persons 16 years old and over, except 1965, 14 years old and over. Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series D 116-126, for related but not comparable data.]

REASON FOR NOT WORKING	1965	1970	1973	1974	1975	1976	1977	1978	1979
All industries, number	3,525	4,614	4,926	5,323	5,171	5,307	5,450	5,493	5,658
Percent of employed.....	4.9	5.9	5.8	6.2	6.1	6.1	6.0	5.8	5.8
Nonagricultural industries.....	3,368	4,481	4,775	5,162	5,007	5,164	5,303	5,338	5,514
Reason for not working:									
Vacation.....	1,738	2,324	2,609	2,887	2,788	2,898	2,913	2,942	3,143
Illness.....	1,039	1,317	1,362	1,377	1,332	1,387	1,410	1,418	1,400
Bad weather.....	79	127	191	143	138	99	236	236	196
Industrial dispute.....	48	156	75	149	94	115	119	99	122
All other.....	621	690	689	767	819	808	772	799	798

Source of tables 686-688: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 689. NONAGRICULTURAL ESTABLISHMENTS—EMPLOYEES AND AVERAGE WEEKLY HOURS, BY INDUSTRY: 1960 TO 1980

[Based on data from establishment reports. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, the self-employed, farmworkers, unpaid family workers, domestic servants, and Armed Forces. Establishment data shown here conform to industry definitions in 1972 Standard Industrial Classification Manual and are adjusted to March 1978 employment benchmark; consequently, may not be comparable with previously published data. Based on a Federal-State cooperative program; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 127-141 and D 803, 878, 881, 884, and 890]

ITEM AND YEAR	NONAGRICULTURAL ESTABLISHMENTS									GROUPED INDUSTRIES	
	Total	Manu- fac- turing	Whole- sale and retail trade	Government	Serv- ices	Trans- porta- tion, public utilities	Finance, insur- ance, real estate	Con- struc- tion	Mining	Goods- re- lated ¹	Service- related and all other
NUMBER (1,000)											
1960.....	54,189	16,796	11,391	8,353	7,378	4,004	2,629	2,926	712	20,434	33,755
1965.....	60,765	18,062	12,716	10,074	9,036	4,036	2,977	3,232	632	21,926	38,839
1970.....	70,880	19,367	15,040	12,554	11,548	4,515	3,645	3,588	623	23,578	47,302
1974.....	78,285	20,077	16,987	14,170	13,441	4,725	4,148	4,020	697	24,794	53,471
1975.....	76,945	18,323	17,060	14,686	13,892	4,542	4,165	3,525	752	22,600	54,345
1976.....	79,382	18,997	17,755	14,871	14,551	4,582	4,271	3,576	779	23,352	56,030
1977.....	82,423	19,682	18,518	15,079	15,303	4,713	4,467	3,851	813	24,346	58,077
1978.....	86,446	20,476	19,499	15,476	16,220	4,927	4,727	4,271	851	25,597	60,849
1979.....	89,482	20,972	20,137	15,612	17,043	5,154	4,963	4,644	957	26,574	62,909
1980, Jan.-May ²	90,630	20,720	20,434	15,885	17,548	5,202	5,104	4,723	1,014	26,458	64,173
PERCENT DISTRIBUTION											
1960.....	100.0	31.0	21.0	15.4	13.6	7.4	4.9	5.4	1.3	37.7	62.3
1965.....	100.0	29.7	20.9	16.6	14.9	6.7	4.9	5.3	1.0	36.1	63.9
1970.....	100.0	27.3	21.2	17.7	16.3	6.4	5.1	5.1	.9	33.3	66.7
1974.....	100.0	25.7	21.7	18.1	17.2	6.0	5.3	5.1	.9	31.7	68.3
1975.....	100.0	23.8	22.2	19.1	18.0	5.9	5.4	4.6	1.0	29.4	70.6
1976.....	100.0	23.9	22.4	18.7	18.3	5.8	5.4	4.5	1.0	29.4	70.6
1977.....	100.0	23.9	22.4	18.3	18.6	5.7	5.4	4.7	1.0	29.5	70.5
1978.....	100.0	23.7	22.5	17.9	18.8	5.7	5.5	4.9	1.0	29.6	70.4
1979.....	100.0	23.4	22.5	17.4	19.0	5.8	5.6	5.2	1.1	29.7	70.3
1980, Jan.-May ²	100.0	22.9	22.6	17.5	19.4	5.7	5.6	5.2	1.1	29.2	70.8
AVERAGE WEEKLY HOURS ³											
1960.....	38.6	39.7	38.6	(NA)	(NA)	(NA)	37.2	36.7	40.4	(NA)	(NA)
1965.....	38.8	41.2	37.7	(NA)	35.9	41.3	37.2	37.4	42.3	(NA)	(NA)
1970.....	37.1	38.6	35.3	(NA)	34.4	40.5	36.7	37.3	42.7	(NA)	(NA)
1974.....	36.5	40.0	34.2	(NA)	33.6	40.2	36.5	36.6	41.9	(NA)	(NA)
1975.....	36.1	39.5	33.9	(NA)	33.5	39.7	36.5	36.4	41.9	(NA)	(NA)
1976.....	36.1	40.1	33.7	(NA)	33.3	39.8	36.4	36.8	42.4	(NA)	(NA)
1977.....	36.0	40.3	33.3	(NA)	33.0	39.9	36.4	36.5	43.4	(NA)	(NA)
1978.....	35.8	40.4	32.9	(NA)	32.8	40.0	36.4	36.8	43.3	(NA)	(NA)
1979.....	35.7	40.2	32.6	(NA)	32.7	39.9	36.3	36.9	43.0	(NA)	(NA)
1980, Jan-May ²	35.4	39.8	32.2	(NA)	32.7	39.6	36.4	36.9	43.5	(NA)	(NA)

NA Not available. ¹Mining, construction, and manufacturing. ²Seasonally adjusted. ³See headnote, table 699.
Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 690. MINORITY (OTHER THAN WHITE) RACES AS PERCENT OF NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT, BY INDUSTRY: 1965 TO 1979

[Persons 16 years old and over, except 1965, 14 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, p. 391. Excludes self-employed and unpaid family workers]

YEAR	Total	Manu- fac- turing	Whole- sale and retail trade	Government	Serv- ices ²	Trans- porta- tion, public utilities	Finance, insur- ance, real estate	Con- struc- tion	Mining	Goods- re- lated ¹	Service- related and all other ²
1965.....	11.0	8.3	8.9	12.4	13.3	7.7	5.0	11.5	5.5	8.7	10.4
1970.....	11.2	10.2	7.8	14.0	12.2	8.8	6.7	10.4	3.8	10.1	10.6
1973.....	11.3	10.8	7.8	15.0	12.0	9.8	7.0	9.6	3.9	10.4	10.9
1974.....	11.3	11.1	7.9	14.7	11.8	10.3	7.7	9.4	4.1	10.7	10.9
1975.....	11.2	10.7	7.1	14.7	11.9	9.9	7.8	9.0	2.9	10.2	11.0
1976.....	11.3	11.1	7.8	15.1	12.0	10.3	8.1	8.0	3.5	10.4	11.1
1977.....	11.4	11.0	7.8	15.3	12.1	11.0	8.1	8.6	4.0	10.4	11.2
1978.....	11.6	11.2	8.3	15.8	12.3	11.2	9.1	8.6	4.0	10.6	11.7
1979.....	11.2	11.5	8.5	15.9	12.5	11.8	9.3	8.7	4.3	10.8	11.8

¹Mining, construction, and manufacturing. ²Excludes private household.
Source: U.S. Bureau of Labor Statistics, unpublished data.

NO. 691. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—STATES: 1970 TO 1979

[In thousands. For coverage, see heading, table 689. National totals differ from the sum of the State figures because some States have more recent benchmarks than others and because the stratification of industries differs among the States. Based on 1972 *Standard Industrial Classification Manual*; see text, p. 392]

STATE	1970, total	1975, total	1977, total	1978, total	1979							
					Total ¹	Manu- facturing	Wholesale and retail trade	Government	Services	Transportation, public utilities	Finance, insurance, real estate	Construction
U.S.	70,880	76,945	82,423	86,446	89,482	20,972	20,137	15,612	17,043	5,154	4,963	4,644
N. Eng.	4,544	4,656	4,972	5,227	5,390	1,518	1,160	838	1,756	318	312	192
Maine.....	332	357	388	406	416	114	91	83	73	19	16	19
N.H.....	260	293	337	361	377	116	83	57	68	14	19	21
Vt.....	148	162	178	191	197	51	41	36	43	90	8	10
Mass.....	2,262	2,272	2,405	2,527	2,599	670	567	420	596	120	148	77
R.I.....	344	349	382	396	400	132	81	60	79	14	21	14
Conn.....	1,198	1,223	1,282	1,346	1,401	435	297	182	275	61	100	51
Mid. Atl.	14,114	13,965	14,259	14,731	15,038	3,689	3,146	2,559	3,169	896	990	528
N.Y.....	7,156	6,829	6,858	7,045	7,175	1,499	1,476	1,315	1,635	434	603	207
N.J.....	2,608	2,700	2,835	2,961	3,032	800	680	521	572	189	152	115
Pa.....	4,352	4,436	4,565	4,725	4,831	1,390	990	723	962	273	235	206
E. No. Cent.	(NA)	(NA)	(NA)	16,886	17,211	5,135	3,826	2,701	3,048	883	834	696
Ohio.....	3,881	4,016	4,230	4,395	4,495	1,380	982	674	811	234	200	184
Ind.....	1,849	1,942	2,114	2,208	2,260	741	500	354	333	111	101	109
Ill.....	4,346	4,419	4,656	4,789	4,865	1,270	1,141	745	919	287	289	182
Mich.....	(NA)	(NA)	(NA)	3,609	3,628	1,151	757	623	631	159	153	140
Wis.....	1,530	1,677	1,799	1,887	1,965	593	446	305	534	92	91	81
W. No. Cent.	5,368	5,986	6,451	6,755	6,980	1,442	1,730	1,267	1,313	442	366	349
Minn.....	1,315	1,474	1,597	1,689	1,771	383	444	294	356	100	92	84
Iowa.....	883	999	1,079	1,119	1,128	258	286	206	203	58	57	58
Mo.....	1,668	1,741	1,862	1,953	2,003	460	475	339	378	142	108	92
N. Dak.....	164	204	221	234	244	17	68	61	48	16	11	18
S. Dak.....	175	209	227	237	240	27	67	58	49	14	11	12
Nebr.....	484	558	594	610	627	99	164	127	114	46	41	34
Kans.....	679	801	871	913	947	198	226	182	165	66	46	51
So. Atl.	10,504	12,106	13,010	13,752	14,287	3,058	3,174	2,975	2,577	798	741	852
Del.....	217	230	239	248	256	70	56	45	46	13	12	15
Md.....	1,349	1,479	1,539	1,594	1,620	246	383	380	331	87	89	104
D.C.....	567	577	578	600	618	15	65	289	173	26	34	15
Va.....	1,519	1,779	1,931	2,034	2,098	413	440	494	375	114	103	135
W. Va.....	517	575	612	630	646	126	133	120	95	44	22	41
N.C.....	1,783	1,981	2,170	2,277	2,377	824	483	396	334	115	94	126
S.C.....	842	983	1,082	1,138	1,178	399	223	228	153	53	47	73
Ga.....	1,558	1,756	1,926	2,050	2,114	527	494	418	327	136	107	98
Fla.....	2,152	2,746	2,933	3,181	3,380	438	897	605	743	210	233	245
E. So. Cent.	3,833	4,417	4,831	5,098	5,232	1,434	1,097	1,028	807	270	218	282
Ky.....	910	1,064	1,148	1,210	1,245	295	269	230	204	70	50	70
Tenn.....	1,328	1,506	1,648	1,737	1,785	529	389	314	287	87	77	90
Ala.....	1,011	1,155	1,269	1,337	1,363	375	276	292	198	72	58	75
Miss.....	584	692	766	814	839	235	163	192	118	41	33	47
W. So. Cent.	5,958	7,237	7,940	8,505	8,940	1,636	2,151	1,615	1,506	576	474	646
Ark.....	536	624	696	733	750	217	163	139	110	44	31	41
La.....	1,034	1,250	1,365	1,464	1,498	213	355	291	251	115	74	125
Okla.....	763	900	972	1,036	1,089	183	258	226	184	65	54	60
Tex.....	3,625	4,463	4,907	5,272	5,603	1,023	1,375	959	961	352	315	420
Mt.	2,667	3,423	3,816	4,162	4,412	560	1,051	914	921	269	237	317
Mont.....	199	238	265	280	285	27	75	70	55	23	13	15
Idaho.....	208	273	307	331	337	59	63	70	60	20	23	19
Wyo.....	108	146	171	187	203	10	45	40	29	17	7	22
Colo.....	750	984	1,058	1,150	1,217	180	299	236	241	76	75	80
N. Mex.....	293	370	415	444	462	35	105	121	89	28	21	36
Ariz.....	547	729	809	895	971	142	234	198	190	48	55	83
Utah.....	359	440	484	525	554	87	133	124	97	34	26	35
Nev.....	203	263	308	350	383	20	77	55	160	23	17	27
Pac.	9,123	10,409	11,424	12,233	12,830	2,571	2,994	2,387	2,668	727	790	649
Wash.....	1,079	1,219	1,367	1,486	1,576	306	382	317	280	88	80	102
Oreg.....	711	837	897	1,009	1,051	227	257	199	184	60	69	53
Calif.....	6,946	7,848	8,598	9,187	9,638	2,001	2,220	1,729	2,066	532	592	461
Alaska.....	93	162	163	164	168	13	30	55	30	17	9	10
Hawaii.....	294	343	359	377	397	24	105	67	98	30	30	23

NA Not available. ¹Includes mining, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. Compiled from data supplied by cooperating State agencies.

**NO. 692. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, 1970 TO 1979, AND
NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1975 TO 1979**

[Annual averages of monthly figures. Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. For mining and manufacturing, data refer to production and related workers; for construction, to employees engaged in actual construction work; and for other industries, to nonsupervisory employees and working supervisors. See also headline, table 689. See *Historical Statistics, Colonial Times to 1970*, series D 127-151, D 802-810, and D 877-892, for related data.]

INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)				PRODUCTION WORKERS					
					Number (1,000)			Average hourly earnings (dollars)		
	1970	1975	1978	1979	1975	1978	1979	1975	1978	1979
Total	70,880	76,945	86,446	89,482	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Private sector ¹	58,325	62,259	70,970	73,870	50,991	58,109	60,358	4.53	5.69	6.16
Mining	623	752	851	957	571	638	718	5.95	7.67	8.48
Metal mining.....	93	94	93	98	73	72	75	6.13	8.23	9.27
Coal mining.....	145	213	209	259	162	172	216	2.72	9.48	10.23
Oil and gas extraction.....	270	329	430	476	223	299	328	5.38	7.01	7.73
Nonmetallic minerals, except fuels.....	115	117	119	125	82	95	99	4.95	6.33	6.89
Construction	3,588	3,525	4,271	4,644	2,808	3,388	3,710	7.31	8.65	9.26
General building contractors.....	1,066	1,012	1,241	1,318	799	964	1,022	6.78	8.00	8.62
Heavy construction contractors.....	784	760	851	898	615	688	744	6.81	8.09	8.63
Special trade contractors.....	1,738	1,753	2,179	2,428	1,394	1,736	1,943	7.87	9.26	9.86
Manufacturing	19,367	18,323	20,476	20,972	13,043	14,714	15,010	4.83	6.17	6.69
Durable goods	11,208	10,688	12,246	12,890	7,557	8,786	9,053	5.15	6.58	7.12
Lumber and wood products, except furniture ³	646	615	752	758	517	645	646	4.26	5.60	6.08
Logging camps and logging contr.....	70	74	85	90	59	70	75	5.28	7.26	8.06
Sawmills and planing mills.....	215	202	231	231	180	206	207	4.34	5.82	6.29
Millwork, plywood, and structural members.....	(NA)	166	223	225	137	189	189	4.26	5.56	5.98
Wooden containers.....	(NA)	39	43	44	34	38	38	3.37	4.11	4.48
Furniture and fixtures ³	440	417	491	487	337	404	398	3.78	4.68	5.06
Household furniture.....	(NA)	284	330	323	238	281	273	3.54	4.39	4.76
Office furniture.....	39	37	47	47	28	38	38	4.16	5.16	5.43
Partitions and fixtures.....	52	51	62	65	38	47	49	4.62	5.58	6.15
Stone, clay, and glass products ³	644	629	698	711	499	555	561	4.92	6.32	6.84
Flat glass.....	24	18	20	20	14	16	16	6.08	7.96	8.61
Glass and glassware, pressed ⁴	132	127	136	132	108	117	113	4.99	6.60	7.14
Cement, hydraulic.....	33	31	32	33	24	26	27	6.36	8.63	9.58
Structural clay products.....	58	48	51	50	39	40	39	4.01	5.10	5.54
Pottery and related products.....	44	43	46	46	35	39	39	4.13	5.20	5.62
Concrete, gypsum, and plaster prod.....	189	190	211	218	148	165	170	4.99	6.29	6.82
Primary metal industries ³	1,260	1,139	1,213	1,244	887	953	978	6.18	8.20	8.97
Blast furnace and basic steel prod.....	627	548	560	567	428	441	448	6.94	9.40	10.42
Iron and steel foundries.....	229	230	236	238	190	193	194	5.45	7.25	7.72
Primary nonferrous metals.....	72	66	70	72	51	55	56	6.24	8.56	9.50
Nonferrous rolling and drawing.....	213	181	209	219	129	152	161	5.54	7.23	7.92
Nonferrous foundries.....	83	76	93	98	62	77	81	4.93	6.20	6.66
Fabricated metal products ³	1,560	1,458	1,673	1,727	1,090	1,271	1,306	5.05	6.34	6.82
Metal cans and shipping containers.....	91	79	79	78	67	66	66	6.26	8.04	8.91
Cutlery, hand tools, and hardware.....	150	153	183	185	116	143	144	4.76	6.07	6.53
Plumbing and heating, exc. electric.....	(NA)	61	74	76	43	55	57	4.50	5.55	6.03
Fabricated structural metal prod.....	428	455	504	521	322	357	367	4.99	6.04	6.60
Screw machine products, bolts, etc.....	104	93	110	120	72	86	95	4.80	5.99	6.44
Metal forgings and stampings.....	(NA)	249	304	304	198	246	244	5.65	7.38	7.81
Machinery, except electrical ³	1,984	2,057	2,319	2,463	1,339	1,524	1,616	5.37	6.77	7.33
Engines and turbines.....	111	120	135	139	76	88	91	6.03	8.01	8.74
Farm and garden machinery.....	(NA)	161	163	174	114	113	123	5.92	7.35	8.01
Construction and related machinery.....	275	342	376	396	230	251	263	5.62	7.27	7.82
Metalworking machinery.....	318	307	347	368	222	253	268	5.49	7.02	7.58
Special industry machinery.....	197	184	198	208	117	124	131	5.03	6.43	6.96
General industrial machinery.....	286	290	312	327	192	209	217	5.40	6.74	7.32
Office and computing machines.....	288	286	346	383	122	157	175	4.82	5.60	6.05
Refrigeration and service industry.....	149	144	184	187	97	130	132	4.81	6.14	6.62
Electric and electronic equipment ³	1,871	1,702	2,000	2,109	1,091	1,312	1,379	4.64	5.82	6.31
Electric distributing equipment.....	143	114	122	122	79	88	87	4.84	5.91	6.33
Electrical industrial apparatus.....	217	212	247	259	148	178	186	4.69	5.92	6.45
Household appliances.....	184	161	184	177	124	145	139	4.60	5.78	6.38
Electric lighting and wiring equip.....	197	181	218	228	136	165	173	4.35	5.45	5.84
Radio and TV receiving equipment.....	132	112	117	112	80	87	83	4.20	5.33	5.92
Communication equipment.....	524	457	493	530	221	241	263	5.25	6.67	7.29
Electronic components and access.....	367	338	455	515	207	286	324	3.01	4.90	5.35
Transportation equipment ³	1,853	1,715	1,992	2,048	1,154	1,377	1,404	6.07	7.91	8.53
Motor vehicles and equipment.....	799	792	997	983	602	776	760	6.44	8.51	9.07
Aircraft and parts.....	664	514	526	605	271	274	329	6.00	7.54	8.23
Ship and boat building and repairs.....	172	194	223	215	160	180	172	5.23	6.56	7.21
Railroad equipment.....	51	57	63	71	44	47	55	6.02	8.02	9.02

See footnotes at end of table.

**NO. 692. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, 1970 TO 1979, AND
NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1975 TO 1979—Continued**

INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)				PRODUCTION WORKERS					
					Number (1,000)			Average hourly earnings (dollars)		
	1970	1975	1978	1979	1975	1978	1979	1975	1978	1979
Instruments and related products.....	527	550	654	690	332	401	421	4.53	5.71	6.17
Engineering and scientific inst.....	71	62	66	72	31	32	37	4.82	6.03	6.50
Measuring and controlling devices.....	171	170	216	228	103	137	146	4.43	5.77	6.21
Optical instruments and lenses.....			28	31		16	17	3.75	6.06	6.66
<i>Ophthalmic goods</i>	58	58	44	45	39	32	33		4.59	4.89
Medical instr. and supplies.....	83	109	137	147	74	92	97	4.02	4.92	5.29
Photographic equip. and supplies.....	113	121	133	138	61	68	69	5.70	7.25	7.90
Watches, clocks, and watchcases.....	31	30	30	29	24	23	22	3.69	4.44	4.75
Misc. manufacturing industries ³	426	407	454	452	311	346	344	3.81	4.69	5.04
Jewelry, silverware, plated ware.....	51	52	64	60	38	47	44	4.00	4.78	5.15
Toys and sporting goods.....	118	116	122	121	90	93	92	3.48	4.33	4.61
Pens, pencils, office/art supplies.....	34	33	38	42	23	27	30	3.80	4.83	5.20
Costume jewelry and notions.....	61	57	64	61	46	51	49	3.29	4.05	4.31
Nondurable goods	8,158	7,635	8,230	8,283	5,485	5,928	5,957	4.37	5.53	6.00
Food and kindred products ³	1,786	1,658	1,721	1,716	1,120	1,171	1,176	4.61	5.80	6.27
Meat products.....	343	336	354	362	274	292	300	4.80	5.94	6.39
Dairy products.....	241	194	184	183	99	97	97	4.60	5.80	6.30
Preserved fruits and vegetables.....	(NA)	242	252	245	200	205	200	4.00	5.04	5.40
Grain mill products.....	135	138	145	145	95	98	99	4.95	6.33	6.88
Bakery products.....	274	232	235	235	132	137	137	4.67	5.99	6.54
Sugar and confectionery products.....	120	107	111	109	82	85	83	4.45	5.61	6.07
Fats and oils.....	(NA)	41	42	40	29	30	29	4.82	6.07	6.56
Beverages.....	236	221	232	230	106	109	107	5.44	6.93	7.49
Tobacco manufactures.....	83	76	70	66	62	55	52	4.55	6.13	6.69
Cigarettes.....	44	44	44	44	36	34	34	5.55	7.38	7.90
Textile mill products ³	975	868	900	892	752	784	777	3.42	4.30	4.66
Weaving mills, cotton.....	206	158	150	151	143	135	136	3.42	4.44	4.84
Weaving mills, synthetic.....	100	113	125	125	100	112	112	3.48	4.52	4.90
Weaving and finishing mills, wool.....	37	20	21	21	16	18	18	3.51	4.41	4.76
Narrow fabric mills.....	30	23	26	26	20	23	22	3.24	4.00	4.30
Knitting mills.....	250	225	236	231	183	205	200	3.29	3.98	4.34
Textile finishing, except wool.....	84	81	79	78	69	67	66	3.71	4.59	4.95
Floor covering mills.....	57	55	61	62	45	50	50	3.47	4.44	4.78
Yarn and thread mills.....	131	125	132	131	114	120	119	3.18	4.02	4.37
Apparel and other textile products ³	1,364	1,243	1,333	1,313	1,067	1,145	1,122	3.17	3.94	4.24
Men's and boys' suits and coats.....	119	88	91	87	76	80	75	3.84	4.80	5.13
Men's and boys' furnishings.....	375	358	369	366	306	320	315	2.86	3.58	3.90
Women's and misses outerwear.....	424	404	439	439	352	379	377	3.23	3.92	4.21
Undergarments ³	117	94	93	90	81	79	76	2.90	3.57	3.86
Children's outerwear.....	74	66	70	66	57	59	57	2.94	3.54	3.85
Misc. apparel, accessories.....	(NA)	58	60	57	50	52	49	3.09	3.79	4.11
Paper and allied products.....	706	642	701	714	480	527	542	5.01	6.52	7.12
Paper and pulp mills.....	219	197	198	200	150	149	150	5.54	7.44	8.26
Paperboard mills.....	71	61	69	71	48	54	57	5.74	7.68	8.39
Misc. converted paper products.....	190	191	220	226	134	157	167	4.57	5.82	6.31
Paperboard containers and boxes.....	225	194	214	217	148	166	168	4.59	5.88	6.35
Printing and publishing ³	1,104	1,083	1,193	1,243	624	672	702	5.38	6.50	6.91
Newspapers.....	373	377	407	421	168	165	169	5.81	6.91	7.25
Periodicals.....	75	68	80	82	12	15	14	5.13	5.87	6.38
Books.....	101	98	100	103	48	50	53	4.64	5.69	6.13
Commercial printing.....	354	348	392	412	262	289	306	5.46	6.71	7.16
Blankbooks and bookbinding.....	58	55	61	65	45	50	54	4.10	4.99	5.31
Chemicals and allied products ³	1,049	1,015	1,096	1,113	580	629	637	5.39	7.01	7.59
Industrial inorganic chemicals.....	(NA)	149	166	171	90	94	93	5.73	7.63	8.26
Plastics materials and synthetics.....	233	218	216	217	136	147	148	5.28	6.87	7.41
Drugs.....	149	167	186	191	84	90	94	5.18	6.42	6.94
Soap, cleaners, and toilet goods.....	127	122	136	138	73	83	84	5.15	6.69	7.18
Paints and allied products.....	70	62	69	70	38	36	36	5.01	6.34	6.78
Agricultural chemicals.....	(NA)	65	67	69	42	42	44	4.93	6.68	7.29
Petroleum and coal products ³	191	194	209	214	123	136	140	6.48	8.63	9.37
Petroleum refining.....	154	153	165	169	93	104	106	6.93	9.32	10.08
Paving and roofing materials.....	(NA)	30	33	34	23	25	26	5.24	6.57	7.21
Rubber and misc. plastics products.....	580	608	752	768	465	589	601	4.39	5.52	5.96
Tires and inner tubes.....	116	124	127	124	90	93	89	5.63	7.82	8.58
Leather and leather products ³	320	248	256	244	213	219	207	3.21	3.89	4.23
Leather tanning and finishing.....	27	22	23	20	19	19	17	4.28	5.12	5.55
Footwear except rubber.....	213	158	158	149	136	138	128	3.08	3.75	4.09
Handbags, personal leather goods.....	34	31	32	33	26	27	28	3.11	3.73	4.02

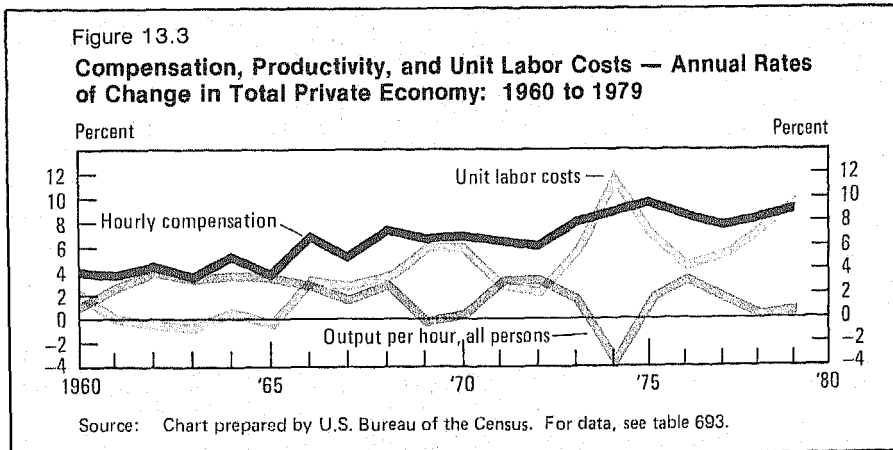
See footnotes at end of table.

No. 692. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, 1970 TO 1979, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1975 TO 1979—Continued

INDUSTRY	ALL EMPLOYEES, NUMBER (1,000)				PRODUCTION WORKERS						
	1970	1975	1978	1979	Number (1,000)			Average hourly earnings (dollars)			
					1975	1978	1979	1975	1978	1979	
Transp. and public utilities ¹	4,515	4,542	4,927	5,154	3,894	4,147	4,315	5.88	7.57	8.18	
Railroad transportation.....	634	548	536	546	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	
Class I railroads ²	566	498	490	503	(NA)	(NA)	(NA)	* 6.05	* 7.87	* 8.94	
Local and interurban pass. transit.....	281	270	258	261	253	237	241	4.15	5.59	5.92	
Trucking and warehousing.....	1,083	1,108	1,312	1,376	978	1,163	1,217	6.00	7.77	8.37	
Air transportation.....	352	363	363	377	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	
Pipelines except natural gas.....	18	18	20	19	13	14	14	6.89	8.81	9.52	
Transportation services.....	115	134	169	186	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	
Communication ³	1,129	1,176	1,239	1,308	911	932	986	5.54	7.33	7.85	
Telephone communication.....	942	967	993	1,045	740	739	770	5.61	7.50	8.07	
Radio and television broadcasting.....	138	155	181	192	124	142	154	5.10	6.59	6.86	
Electric, gas, and sanitary services ⁴	691	731	777	809	613	636	659	6.03	7.85	8.23	
Electric services.....	290	323	354	373	267	286	301	6.06	7.71	8.33	
Gas production and distribution.....	161	162	164	169	135	134	138	5.50	7.71	8.33	
Combination utility services.....	186	187	193	196	150	158	159	6.74	8.46	9.06	
Sanitary services.....	(NA)	38	43	47	34	38	41	4.84	6.20	6.67	
Wholesale and retail trade	15,040	17,060	19,499	20,137	15,023	17,181	17,700	3.73	4.67	5.06	
Wholesale trade.....	3,993	4,415	4,957	5,170	3,637	4,087	4,248	4.73	5.88	6.39	
Retail trade ⁵	11,047	12,645	14,542	14,966	11,387	13,096	13,452	3.36	4.20	4.53	
General merchandise stores.....	(NA)	2,113	2,304	2,265	1,944	2,148	2,111	3.21	4.05	4.37	
Food stores.....	1,731	2,007	2,195	2,281	1,854	2,024	2,105	4.08	5.23	5.67	
Apparel and accessory stores.....	761	806	905	936	705	784	807	3.03	3.72	4.02	
Furniture and home furn. stores.....	472	517	594	614	436	494	508	3.99	4.80	5.18	
Eating and drinking places.....	2,575	3,380	4,258	4,535	3,147	3,929	4,170	2.55	3.21	3.45	
Finance, insurance, real estate	3,645	4,165	4,727	4,963	3,173	3,596	3,772	4.06	4.90	5.28	
Banking.....	1,044	1,274	1,422	1,489	1,009	1,111	1,153	3.52	4.21	4.52	
Credit agencies other than banks.....	360	432	515	549	329	396	421	3.71	4.43	4.69	
Security, commod. brokers, services.....	205	170	190	205	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	
Insurance carriers.....	1,030	1,085	1,177	1,213	751	820	849	4.35	5.23	5.66	
Insurance agents, brokers, services.....	288	339	404	431	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	
Real estate.....	661	748	890	940	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	
Other finance, insurance, real estate.....	57	117	129	136	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	
Services ⁶	11,548	13,892	16,220	17,043	12,479	14,445	15,133	4.02	4.99	5.36	
Hotels and other lodging places.....	(NA)	898	971	1,034	830	891	950	2.79	3.62	3.97	
Personal services.....	989	861	904	898	769	808	803	3.19	3.91	4.23	
Business services.....	1,676	2,042	2,614	2,830	1,778	2,273	2,461	4.16	5.10	5.47	
Motion pictures.....	204	206	210	213	181	185	190	4.26	6.52	7.31	
Health services.....	3,053	4,134	4,808	5,041	3,725	4,289	4,489	3.81	4.77	5.17	
Government	12,554	14,686	15,476	15,612	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Federal Government.....	2,731	2,748	2,753	2,773	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
State and local government.....	9,823	11,937	12,723	12,839	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	

NA Not available. ¹ Excludes government. ² 11-month average. ³ Includes industries not shown separately. ⁴ Includes blown. ⁵ Women's and children's. ⁶ Included in "Private sector" total; not available separately. ⁷ For changes in "Class I" classification, see text, p. 636. * Includes all employees except executives, officials, and staff assistants who reported pay during the month.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.



**NO. 693. INDEXES AND ANNUAL PERCENT CHANGE OF PRODUCTIVITY AND RELATED MEASURES:
1960 TO 1979**

[1979 preliminary. See text, p. 392. Minus sign (-) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series D 689-704 and W 22-25]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
INDEXES (1967 = 100)										
Output, ¹ private business.....	73.2	92.9	107.3	124.4	121.4	118.7	126.4	133.8	140.7	144.1
Nonfarm business.....	72.2	92.6	107.4	124.9	121.8	118.8	126.9	134.3	141.5	144.9
Manufacturing.....	67.7	92.6	102.6	123.2	114.9	109.1	119.5	128.2	134.5	139.8
Hours, ² private business.....	92.9	97.8	103.0	109.6	110.3	105.6	108.7	112.8	118.1	121.9
Nonfarm business.....	89.3	95.5	104.2	111.5	112.3	107.4	111.0	115.6	121.1	125.4
Manufacturing.....	85.8	94.2	98.1	103.7	102.0	92.3	96.8	100.8	105.1	107.4
Output per paid hour, private business.....	78.7	95.0	104.2	113.6	110.1	112.4	116.4	118.6	119.2	118.1
Nonfarm business.....	80.9	95.9	103.0	112.0	109.5	110.5	114.4	116.2	116.8	115.5
Manufacturing.....	78.9	98.3	104.5	118.8	112.6	118.2	124.2	127.2	128.0	130.2
Compensation per hour, ³ private business.....	71.9	88.7	129.1	149.2	162.8	178.9	193.8	209.3	227.3	247.6
Nonfarm business.....	74.2	89.4	121.7	146.4	161.1	180.2	195.1	212.0	229.5	250.5
Manufacturing.....	77.1	91.0	121.8	146.4	161.1	180.2	195.1	212.0	229.5	250.5
Unit labor cost, ⁴ private business.....	91.3	93.3	118.2	133.1	149.8	161.3	169.4	179.6	194.0	214.0
Nonfarm business.....	91.7	93.2	118.1	133.2	150.0	161.8	169.4	180.1	194.5	214.3
Manufacturing.....	97.7	92.6	116.5	123.2	143.1	152.4	158.2	166.6	179.4	192.4
ANNUAL PERCENT CHANGE ⁵										
Output, ¹ private business.....	1.8	7.0	-9	5.9	-2.4	-2.3	6.5	5.8	5.2	2.4
Nonfarm business.....	1.6	7.1	-1.1	6.0	-2.5	-2.5	6.9	5.8	5.4	2.4
Hours, ² private business.....	2	3.1	-1.6	3.9	-7	-4.3	2.9	3.9	4.7	3.3
Nonfarm business.....	.6	3.6	-1.2	4.2	-7	-4.3	3.3	4.1	4.8	3.5
Output per paid hour, private business.....	1.6	3.8	7	1.9	-3.0	2.1	3.5	1.9	.5	-9
Nonfarm business.....	1.0	3.4	.1	1.7	-3.1	1.9	3.5	1.6	.5	-1
Compensation per hour, ³ pvt. business.....	4.2	4.0	7.1	8.2	9.1	9.9	8.8	8.0	8.5	9.3
Nonfarm business.....	4.4	3.5	6.7	7.8	9.1	9.9	8.3	8.0	8.6	8.9
Unit labor cost, ⁴ private business.....	2.6	.2	6.4	6.2	12.5	7.7	5.0	6.0	8.0	10.3
Nonfarm business.....	3.4	.1	6.5	6.0	12.7	7.9	4.7	6.3	8.0	10.2

¹ Refers to gross domestic product originating in the sector, in 1972 prices. ² Hours of all persons engaged in the private business and nonfarm business sectors (employees, proprietors, and unpaid family workers); employees' and proprietors' hours in manufacturing; and employees' hours in nonfinancial corporations, where there are no self-employed. ³ Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of same for self-employed. ⁴ Hourly compensation divided by output per paid hour. ⁵ Changes for 1960, 1965, 1970, and 1973 are from the immediately prior year.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

**NO. 694. INDEXES OF OUTPUT PER EMPLOYEE-YEAR FOR THE MEASURED PORTION OF THE
FEDERAL CIVILIAN GOVERNMENT: 1968 TO 1978**

[1967 = 100, except as indicated. Fiscal years. See text, p. 392]

FUNCTIONAL GROUPINGS	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total.....	101.1	103.5	104.0	105.6	106.3	109.3	108.7	110.3	112.2	115.5	117.4
Audit of operations.....	105.7	114.9	115.2	100.8	106.3	113.8	120.8	126.5	125.8	127.6	141.5
Building and ground maintenance.....	98.5	99.2	97.3	96.2	99.6	97.0	102.0	115.6	118.6	126.0	127.4
Communications ¹	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	106.7	117.9	125.9	142.9	162.0
Education and training ²	100.0	100.1	91.1	91.8	94.9	92.7	91.3	88.5	96.7	109.3	111.6
Electric power production, distribution.....	109.1	118.7	127.9	123.7	131.3	139.6	127.0	124.5	119.8	115.1	103.6
Equipment maintenance ³	100.0	104.2	102.5	110.1	108.9	103.1	105.5	106.0	106.5	104.8	109.1
Finance and accounting.....	102.6	103.6	106.9	108.4	106.6	105.3	109.0	118.3	126.1	127.7	130.1
General support services.....	109.8	110.8	123.2	127.7	144.2	150.7	154.8	139.4	143.9	152.8	155.2
Information services.....	102.7	106.0	104.2	104.7	107.2	99.8	102.8	108.1	105.5	104.5	105.3
Legal, judicial activities.....	99.1	101.5	106.5	114.1	116.1	113.0	104.3	105.3	104.4	99.1	95.3
Library services.....	105.1	113.5	114.1	115.9	116.6	122.8	131.7	147.8	164.1	177.0	167.8
Loans and grants.....	105.6	110.0	122.1	135.3	133.8	135.6	138.0	143.6	151.1	157.7	157.0
Medical services.....	101.9	102.2	101.4	100.7	95.4	98.5	98.3	100.1	101.7	101.6	98.9
Military base services.....	104.3	104.6	101.5	93.5	94.5	89.4	90.5	95.6	99.8	99.9	100.6
Natural resources management ³	101.2	100.5	101.4	107.7	110.1	112.1	110.8	109.2	110.1	110.8	117.3
Personnel investigations.....	108.7	101.6	100.1	113.0	113.8	117.9	121.6	128.7	122.6	146.9	151.7
Personnel management.....	106.9	101.3	104.2	118.8	118.0	111.1	124.1	118.4	115.7	124.3	120.0
Postal service.....	98.3	98.9	99.4	101.6	102.7	108.7	105.9	105.7	106.1	110.7	115.6
Printing and duplication.....	99.0	95.6	95.1	87.8	86.3	88.4	85.3	84.4	86.0	85.7	86.4
Procurement.....	96.7	95.2	86.1	95.1	95.5	98.7	105.0	107.9	111.8	112.5	118.0
Records management.....	98.0	107.3	105.2	101.8	113.1	111.8	109.1	118.2	127.9	136.0	141.5
Regulation—compliance, enforcement.....	102.9	106.1	109.1	111.0	114.8	117.1	118.9	117.8	121.4	123.9	123.4
Regulation—rulemaking, licensing.....	104.2	109.0	114.6	120.2	121.1	125.2	122.5	122.4	123.6	130.9	143.6
Social services and benefits.....	100.4	103.7	108.1	114.4	116.4	121.5	119.4	122.7	127.9	133.0	132.1
Specialized manufacturing.....	108.6	111.2	118.1	130.4	123.1	120.9	120.2	119.2	124.7	127.5	135.8
Supply and inventory control.....	103.2	118.3	110.9	112.1	112.6	113.3	113.4	123.1	125.1	130.6	126.1
Traffic management ⁴	(NA)	(NA)	(NA)	(NA)	100.0	99.6	92.3	99.0	96.5	102.8	108.8
Transportation.....	110.4	115.2	117.7	113.3	118.0	123.9	125.5	127.7	130.1	137.5	142.2

NA Not available. ¹ 1973 = 100 ² 1968 = 100 ³ Includes environment. ⁴ 1972 = 100.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

NO. 695. INDEXES OF OUTPUT PER HOUR—SELECTED INDUSTRIES: 1965 TO 1978

[1967 = 100. See text, p. 392. See also *Historical Statistics, Colonial Times to 1970*, series W 14, 17, and 19, W 30-54, and W 62-65]

INDUSTRY	ALL EMPLOYEES						PRODUCTION WORKERS					
	1965	1970	1975	1976	1977	1978, prel.	1965	1970	1975	1976	1977	1978, prel.
Manufacturing:												
Aluminum rolling and drawing.....	100.5	109.6	142.5	166.0	163.7	166.2	100.0	114.4	152.4	168.9	164.5	166.9
Bakery products.....	93.5	105.7	112.7	112.8	120.4	125.5	95.1	105.1	119.6	118.5	127.0	132.1
Bottled and canned soft drinks.....	101.8	105.2	129.6	139.7	147.7	155.3	104.1	113.0	146.1	158.0	168.8	178.4
Candy and confectionery prod.....	93.4	104.4	136.0	126.9	144.7	143.8	93.7	107.0	147.2	134.9	150.6	148.6
Canned fruits and vegetables.....	95.4	108.2	124.9	132.7	130.4	(NA)	96.5	109.9	127.1	135.6	134.7	(NA)
Cement, hydraulic.....	95.2	110.3	110.6	120.7	131.6	130.6	94.7	111.3	111.6	122.0	132.1	130.2
Concrete products.....	90.5	104.4	113.3	116.3	120.9	(NA)	92.1	105.3	118.6	120.3	126.0	(NA)
Copper rolling and drawing.....	111.4	98.6	94.7	105.4	120.7	118.8	108.9	101.4	102.6	106.3	123.4	119.5
Corrugated, solid fiber boxes.....	92.8	111.8	142.2	148.0	144.2	150.2	92.7	112.8	151.8	154.9	151.4	156.1
Electric lamps.....	101.5	101.0	113.3	119.7	116.3	119.6	101.5	100.7	114.8	120.5	117.2	120.2
Fluid milk.....	94.3	117.1	150.3	156.1	156.2	163.3	(x)	(x)	(x)	(x)	(x)	(x)
Folding paperboard boxes.....	90.7	95.5	119.9	124.4	118.0	113.8	90.1	95.3	122.8	126.1	119.0	113.8
Footwear.....	101.4	103.9	104.8	105.5	104.5	103.6	101.2	105.5	107.6	108.1	107.1	105.8
Glass containers.....	97.6	106.1	120.9	121.2	124.0	128.2	97.7	106.8	122.5	121.9	125.3	131.6
Grain mill products.....	90.3	109.2	125.5	131.0	143.7	(NA)	90.6	108.3	124.7	131.5	145.0	(NA)
Gray iron foundries.....	104.9	105.8	126.7	125.6	129.8	130.4	103.9	107.4	130.9	129.7	133.6	134.0
Hosiery.....	80.9	128.1	191.6	219.5	208.9	217.9	80.1	129.8	197.5	223.8	210.7	217.9
Household furniture.....	97.9	104.2	123.6	126.4	127.0	128.6	97.9	106.4	127.3	129.3	129.6	131.2
Lighting fixtures.....	97.4	105.4	119.1	128.3	128.9	(NA)	95.4	109.3	125.7	131.4	134.1	(NA)
Major household appliances.....	94.2	106.3	140.7	145.2	150.4	154.6	94.3	107.3	145.2	149.5	150.7	154.1
Malt beverages.....	89.0	119.6	175.3	192.9	199.6	216.3	88.7	119.4	169.4	186.7	189.3	205.2
Metal cans.....	94.1	105.4	116.0	124.8	131.0	135.1	95.6	106.7	121.0	129.5	135.6	140.6
Motor vehicles and equipment.....	99.0	101.8	127.1	136.0	144.7	142.3	96.0	103.0	128.1	134.4	142.4	139.8
Motors and generators.....	101.4	100.8	106.7	109.9	114.0	(NA)	101.8	102.8	110.3	108.3	114.1	(NA)
Paints and allied products.....	99.6	101.7	129.1	133.2	137.0	137.2	98.8	100.8	137.5	139.9	139.8	140.7
Paper, paperboard, pulp mills.....	96.9	114.6	128.0	140.2	144.0	148.4	96.4	114.7	132.8	143.8	148.1	153.9
Petroleum, refining.....	90.5	104.8	123.7	128.3	136.2	132.8	89.9	106.8	126.9	130.4	139.5	134.0
Pharmaceuticals.....	90.9	116.2	145.4	155.4	151.3	155.1	90.7	118.0	160.5	168.0	164.0	176.3
Primary aluminum.....	97.5	104.9	105.8	110.8	109.5	106.1	97.0	106.2	112.8	114.0	111.2	106.4
Primary copper, lead, and zinc.....	120.2	116.7	126.4	142.7	148.6	138.8	113.1	111.4	129.0	143.7	149.3	135.8
Radio and TV receiving sets.....	95.5	106.2	125.7	137.3	136.3	(NA)	94.3	115.6	137.7	151.6	148.1	(NA)
Ready-mixed concrete.....	95.1	96.0	102.7	104.0	105.1	(NA)	(x)	(x)	(x)	(x)	(x)	(x)
Sawmills and planing mills, general.....	91.7	100.9	112.7	118.2	116.4	117.7	92.8	103.4	115.4	120.9	119.8	120.6
Soaps and detergents.....	88.1	105.7	123.3	127.0	126.2	(NA)	87.0	114.0	129.0	135.0	135.8	(NA)
Steel.....	101.1	101.3	107.6	114.5	115.6	120.7	98.7	102.9	111.8	117.8	119.6	122.8
Steel foundries.....	100.5	96.2	113.6	111.5	108.3	110.5	98.4	97.9	118.4	116.5	111.8	116.1
Structural clay products.....	97.4	112.8	132.0	138.3	146.4	151.3	95.9	117.7	136.5	142.8	149.0	155.4
Sugar.....	96.5	111.6	108.1	111.4	116.9	112.0	95.6	110.3	111.0	114.0	122.6	119.6
Synthetic fibers.....	92.8	119.5	187.2	193.4	224.4	230.7	91.9	119.1	192.0	203.6	225.1	221.2
Tires and inner tubes.....	98.2	105.9	115.7	127.6	129.6	130.5	96.7	107.8	119.5	134.6	128.9	131.9
Tobacco products.....	100.2	104.3	114.2	119.3	122.4	126.7	99.5	104.4	119.0	124.3	129.3	135.7
Veneer and plywood.....	91.8	119.4	142.2	142.4	144.2	142.0	90.8	121.4	147.9	145.2	146.7	145.3
Mining: 1 Coal.....												
	91.4	97.7	68.5	67.7	68.7	70.5	93.1	98.1	72.7	71.4	69.5	75.5
Copper (crude ore).....	109.3	128.9	116.9	134.2	134.3	154.0	96.2	115.3	122.2	140.5	145.4	160.5
Copper (recoverable metal).....	113.8	117.6	87.4	105.7	108.1	121.6	100.1	105.2	91.3	110.6	111.1	128.7
Iron (crude ore).....	93.3	113.8	127.9	128.1	114.6	134.5	94.5	115.6	129.7	130.6	126.0	134.4
Iron (usable ore).....	91.0	110.5	116.9	114.6	100.5	115.9	92.2	112.3	118.6	116.8	110.5	115.7
Nonmetallic minerals.....	96.3	115.7	113.9	121.0	126.7	127.5	93.7	116.0	120.7	126.4	130.7	130.4
Transportation, utilities, and trade:												
Air transportation 1.....	83.5	109.6	134.6	146.7	153.6	167.9	(x)	(x)	(x)	(x)	(x)	(x)
Eating and drinking places 2.....	95.6	103.8	102.9	102.2	101.1	96.8	(x)	(x)	(x)	(x)	(x)	(x)
Franchised new car dealers.....	97.8	106.4	120.5	126.9	131.2	128.6	(x)	(x)	(x)	(x)	(x)	(x)
Gas and electric utilities 3.....	89.2	117.4	131.9	135.8	137.8	135.6	88.5	118.0	136.2	141.3	144.6	143.8
Gasoline service stations 2.....	93.7	122.7	138.4	153.2	164.0	170.6	(x)	(x)	(x)	(x)	(x)	(x)
Hotels, motels, tourist courts 2.....	93.0	102.5	101.9	106.9	106.1	110.6	(x)	(x)	(x)	(x)	(x)	(x)
Intercity trucking 1.....	98.6	106.8	114.1	128.2	127.9	127.6	(x)	(x)	(x)	(x)	(x)	(x)
Laundry and cleaning services 2.....	87.3	99.5	103.0	104.5	108.0	109.0	(x)	(x)	(x)	(x)	(x)	(x)
Petroleum pipelines.....	79.4	122.6	147.4	146.6	154.0	(NA)	79.2	128.7	161.9	164.1	174.8	(NA)
Railroad transport (car miles) 4.....	92.5	104.7	115.5	117.5	117.5	125.8	92.6	105.1	117.7	119.3	119.2	128.1
RR transport (revenue traffic) 4.....	90.1	107.6	123.9	131.9	136.4	155.3	90.2	108.0	126.3	133.9	140.4	158.1
Retail food stores 2.....	93.8	112.0	105.0	107.7	107.8	103.5	(x)	(x)	(x)	(x)	(x)	(x)
Telephone communications.....	89.1	109.2	149.6	165.8	175.9	187.5	(x)	(x)	(x)	(x)	(x)	(x)

NA Not available. X Not applicable. 1 Refers to output per employee. 2 Data relate to all persons (paid employees, unpaid family workers, and the self-employed). 3 Production workers refers to nonsupervisory workers. 4 Class I line-haul railroads and switching and terminal companies.

Source: U.S. Bureau of Labor Statistics, *Productivity Indexes for Selected Industries*, 1979 edition.

NO. 696. EMPLOYED PERSONS, BY MAJOR OCCUPATION GROUP AND SEX: 1960 TO 1979

[Civilians 16 years old and over. Annual averages of monthly figures. Beginning 1975, not strictly comparable with prior years due to reclassification of occupations. White collar managers and administrators exclude persons on farms. For details, see text, p. 392. See *Historical Statistics, Colonial Times to 1970*, series D 182-232, for related but not comparable data]

OCCUPATION GROUP AND SEX	TOTAL EMPLOYED (1,000)						PERCENT DISTRIBUTION		
	1960	1965	1970	1975	1978	1979	1960	1970	1979
Total	65,778	71,088	78,627	84,783	94,373	96,945	100.0	100.0	100.0
White-collar workers.....	28,522	31,852	37,997	42,227	47,205	49,342	43.4	48.3	50.9
Professional and technical	7,469	8,872	11,140	12,748	14,245	15,050	11.4	14.2	15.5
Managers and administrators.....	7,067	7,340	8,289	8,891	10,105	10,516	10.7	10.5	10.8
Salesworkers.....	4,224	4,489	4,854	5,460	5,951	6,163	6.4	6.2	6.4
Clerical workers.....	9,762	11,141	13,714	15,128	16,904	17,613	14.8	17.4	18.2
Blue-collar workers.....	24,057	26,247	27,791	27,962	31,531	32,066	36.6	35.3	33.1
Craft and kindred workers.....	8,554	9,216	10,158	10,972	12,386	12,880	13.0	12.9	13.3
Operatives, exc. transport				9,637	10,875	10,909	18.2	17.7	11.3
Transport equip. operatives.....	11,950	13,345	13,909	3,219	3,541	3,612			3.7
Nonfarm laborers.....	3,553	3,666	3,724	4,134	4,729	4,665	5.4	4.7	4.8
Service workers.....	8,023	8,936	9,712	11,657	12,839	12,834	12.2	12.4	13.3
Farmworkers.....	5,176	4,053	3,126	2,936	2,798	2,703	7.9	4.0	2.8
Male	43,904	46,340	48,960	51,230	55,491	56,499	100.0	100.0	100.0
White-collar workers.....	16,423	17,746	20,054	21,134	22,633	23,306	37.4	41.0	41.3
Professional and technical	4,766	5,596	6,842	7,481	8,163	8,531	10.9	14.0	15.1
Managers and administrators.....	5,968	6,230	6,968	7,162	7,744	7,931	13.6	14.2	14.0
Salesworkers.....	2,544	2,641	2,763	3,137	3,285	3,384	5.8	5.6	6.0
Clerical workers.....	3,145	3,279	3,481	3,355	3,442	3,461	7.2	7.1	6.1
Blue-collar workers.....	20,420	22,107	23,020	23,220	25,765	26,154	46.5	47.0	46.3
Craft and kindred workers.....	8,332	8,947	9,826	10,472	11,689	12,143	19.0	20.1	21.5
Operatives, exc. transport				5,934	6,554	6,556			11.6
Transport equip. operatives.....	8,617	9,581	9,605	3,037	3,284	3,318	19.6	19.6	5.9
Nonfarm laborers.....	3,471	3,579	3,589	3,777	4,238	4,137	7.9	7.3	7.3
Service workers.....	2,844	3,194	3,285	4,400	4,804	4,823	6.5	6.7	8.5
Farmworkers.....	4,219	3,295	2,601	2,476	2,289	2,216	9.6	5.3	3.9
Female	21,874	24,748	29,667	33,553	38,881	40,446	100.0	100.0	100.0
White-collar workers.....	12,099	14,106	17,943	21,092	24,572	26,037	55.3	60.5	64.4
Professional and technical	2,703	3,278	4,298	5,267	6,082	6,519	12.4	14.5	16.1
Managers and administrators.....	1,099	1,110	1,321	1,729	2,361	2,586	5.0	4.5	6.4
Salesworkers.....	1,680	1,858	2,091	2,324	2,666	2,779	7.7	7.0	6.9
Clerical workers.....	6,617	7,862	10,233	11,772	13,463	14,152	30.3	34.5	35.0
Blue-collar workers.....	3,637	4,140	4,771	4,742	5,766	5,911	16.6	16.1	14.6
Craft and kindred workers.....	222	269	332	500	697	737	1.0	1.1	1.8
Operatives, exc. transport				3,703	4,321	4,353			10.8
Transport equip. operatives.....	3,333	3,764	4,303	182	257	294	15.2	14.5	7.7
Nonfarm laborers.....	82	107	136	357	491	527	4.4	5.1	5.1
Service workers.....	5,179	5,742	6,427	7,258	8,035	8,011	23.7	21.7	19.8
Farmworkers.....	957	758	525	460	509	487	4.4	1.8	1.2

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 697. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1972 AND 1979

[Civilians 16 years old and over. See *Historical Statistics, Colonial Times to 1970*, series D 233-682, for similar data]

OCCUPATION	1972			1979		
	Total employed (1,000)	Percent		Total employed (1,000)	Percent	
		Female	Black and other ¹		Female	Black and other ¹
Total	81,702	38.0	10.6	96,945	41.7	11.3
Professional, technical, and kindred workers²	11,459	39.3	7.2	15,050	43.3	8.9
Accountants.....	714	21.7	4.3	1,045	32.9	8.4
Computer specialists.....	273	16.8	5.5	534	26.0	7.9
Engineers ²	1,102	8	3.4	1,385	2.9	6.3
Civil.....	154	6	5.2	162	2.5	7.4
Electrical and electronic.....	287	7	5.2	356	2.2	7.3
Industrial.....	170	2.4	2.4	245	7.3	6.5
Mechanical.....	191	-	3.1	237	1.3	5.1
Lawyers and judges.....	320	3.8	1.9	499	12.4	2.6
Librarians, archivists, and curators.....	158	61.6	7.0	201	78.1	8.5
Life and physical scientists.....	230	10.0	7.8	280	18.9	8.2
Chemists.....	118	10.1	8.4	125	15.2	11.2
Personnel and labor relations workers.....	310	31.0	9.0	413	45.5	10.2
Physicians, dentists, and related practitioners ²	624	9.3	6.3	787	11.9	7.9
Dentists.....	107	1.9	5.6	131	4.6	4.6
Pharmacists.....	126	12.7	3.2	135	24.4	9.6
Physicians, medical and osteopathic.....	328	10.1	8.2	431	10.7	9.5

See footnotes at end of table.

NO. 697. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1972 AND 1979—Con.

[Civilians 16 years old and over. "N.e.c." means not elsewhere classified]

OCCUPATION	1972			1979		
	Total employed (1,000)	Percent		Total employed (1,000)	Percent	
		Female	Black and other ¹		Female	Black and other ¹
Professional, technical, and kindred workers²—Con.						
Registered nurses, dietitians, and therapists ²	949	92.6	8.1	1,488	93.2	11.8
Registered nurses.....	801	97.6	8.2	1,223	98.8	11.4
Therapists.....	115	59.1	4.3	207	72.9	11.6
Health technologists and technicians.....	315	69.5	11.1	534	69.5	11.4
Religious workers.....	292	11.0	10.6	339	13.3	8.3
Social scientists.....	141	21.3	5.7	238	34.5	5.0
Social and recreation workers.....	354	55.1	17.5	477	61.4	21.0
Teachers, college and university.....	461	28.0	7.2	545	31.6	6.8
Teachers, except college and university ²	2,841	70.0	9.2	3,118	70.8	10.1
Elementary.....	1,251	65.1	10.0	1,374	84.3	12.0
Prekindergarten and kindergarten.....	188	96.8	13.3	234	97.4	14.1
Secondary.....	1,114	49.6	8.3	1,213	50.7	8.2
Engineering and science technicians ²	828	9.1	5.2	1,039	15.9	8.2
Drafters.....	286	6.3	5.2	305	14.8	7.5
Electrical and electronic engineering technicians.....	164	5.5	6.1	251	9.6	9.2
Technicians, except health, engineering, and science.....	152	11.2	2.6	197	17.3	4.6
Vocational and educational counselors.....	134	50.0	11.9	167	53.3	14.4
Writers, artists, and entertainers ²	897	31.7	4.8	1,243	37.8	5.7
Athletes and kindred workers.....	78	30.8	6.4	105	38.1	4.8
Editors and reporters.....	163	41.1	4.3	201	42.3	5.5
Research workers, not specified.....	86	27.9	7.0	159	37.1	9.4
Managers and administrators, except farm².....	8,031	17.6	4.0	10,516	24.6	5.4
Bank officers and financial managers.....	427	19.0	2.6	620	31.6	5.0
Buyers, wholesale and retail trade.....	161	32.9	4.3	200	40.0	6.5
Health administrators.....	118	46.6	7.6	185	48.1	7.0
Managers and superintendents, building.....	136	42.6	8.8	152	50.0	7.2
Office managers, n.e.c.....	315	41.9	1.0	416	63.0	2.2
Officials and administrators, public administration, n.e.c.....	309	20.4	9.1	414	26.6	10.1
Purchasing agents and buyers, n.e.c.....	181	13.3	3.3	232	24.1	6.0
Restaurant, cafeteria, and bar managers.....	494	32.4	8.9	632	35.4	9.3
Sales managers.....	570	15.6	1.4	686	24.1	4.1
School administrators.....	304	26.0	8.2	415	36.1	11.6
Sales workers².....	5,354	41.6	3.6	6,163	45.1	4.9
Hucksters and peddlers.....	230	73.0	6.1	193	79.8	6.2
Insurance agents, brokers, and underwriters.....	441	11.6	3.4	534	23.8	6.2
Real estate agents and brokers.....	349	36.7	2.6	616	49.4	2.8
Stock and bond sales agents.....	101	9.9	2.0	122	19.7	3.3
Sales representatives, manufacturing industries.....	400	6.8	1.5	398	17.1	3.0
Sales representatives, wholesale trade.....	696	4.7	1.4	904	10.4	3.2
Sales clerks, retail trade.....	2,348	68.9	5.0	2,362	70.7	6.9
Salesworkers, except clerks, retail trade.....	430	13.0	2.6	549	20.0	2.2
Salesworkers, services and construction.....	136	29.4	2.2	197	39.1	5.1
Clerical and kindred workers².....	14,247	75.6	8.7	17,613	80.3	11.0
Bank tellers.....	258	87.5	4.9	493	92.9	9.3
Billing clerks.....	149	84.6	6.7	162	90.1	8.6
Bookkeepers.....	1,584	87.9	3.6	1,910	91.1	5.4
Cashiers.....	998	86.6	8.0	1,477	87.9	10.5
Clerical supervisors, n.e.c.....	199	57.8	10.1	237	71.3	11.8
Counter clerks, except food.....	329	73.9	6.4	362	77.9	11.0
Estimators and investigators, n.e.c.....	348	43.4	4.9	496	55.8	10.1
File clerks.....	272	84.9	18.0	305	86.6	21.0
Insurance adjusters, examiners, and investigators.....	108	34.3	6.5	173	55.5	12.7
Mail carriers, post office.....	270	6.7	14.1	253	10.3	10.7
Office machine operators ²	674	71.4	13.1	904	74.9	17.6
Computer and peripheral equipment operators.....	196	37.8	10.2	453	61.6	13.0
Key punch operators.....	283	89.8	15.5	274	95.3	23.0
Postal clerks.....	281	26.7	19.6	259	34.4	23.9
Receptionists.....	436	97.0	7.6	600	97.2	8.7
Secretaries.....	2,949	99.1	5.2	3,729	99.1	6.6
Shipping and receiving clerks.....	451	14.9	13.7	484	21.3	13.6
Statistical clerks.....	299	70.9	8.4	400	78.8	12.3
Stenographers.....	125	90.4	8.0	76	93.4	13.2
Stock clerks and storekeepers.....	511	22.9	12.5	529	31.9	14.4
Telephone operators.....	392	96.7	12.8	327	91.7	16.8
Typists.....	1,021	95.1	12.0	1,020	96.7	17.2
Craft and kindred workers.....	10,810	3.6	6.9	12,880	5.7	7.9
Carpenters.....	1,045	.5	5.9	1,276	1.3	5.1
Other construction craftworkers ²	2,248	.6	8.9	2,639	1.6	9.7
Brickmasons and stonemasons.....	176	-	14.2	205	.5	16.1
Electricians.....	494	.6	3.2	640	1.3	5.6
Excavating, grading, and road machine operators.....	426	-	9.4	444	.5	9.5
Painters, construction and maintenance.....	428	1.9	10.1	483	5.0	10.6
Plumbers and pipe fitters.....	389	-	5.9	450	.4	9.6
Blue-collar worker supervisors, n.e.c.....	1,413	6.9	6.0	1,739	10.2	7.4

See footnotes at end of table.

NO. 697. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1972 AND 1979—Con.

[Civilians 16 years old and over. "N.e.c." means not elsewhere classified]

OCCUPATION	1972			1979		
	Total employed (1,000)	Percent		Total employed (1,000)	Percent	
		Female	Black and other ¹		Female	Black and other ¹
Craft and kindred workers—Con.						
Machinists and jobsetters.....	471	.6	6.2	642	3.3	7.9
Metalcraft workers ²	624	1.9	5.6	649	2.8	7.2
Sheet metal workers and tinsmiths.....	149	.7	4.2	158	2.5	5.1
Tool and die makers.....	184	.5	2.2	184	2.2	3.8
Mechanics, automobile.....	1,033	.5	8.5	1,272	.6	9.3
Mechanics, except automobile ²	1,735	1.0	5.3	2,178	1.9	6.7
Air conditioning, heating, and refrigeration.....	174	-	6.3	224	-	4.5
Aircraft.....	123	-	3.3	124	1.6	7.3
Heavy equipment.....	714	.7	5.2	954	1.2	6.7
Radio and television.....	124	.8	6.5	131	3.1	6.1
Printing craftworkers ²	397	14.9	5.5	455	22.2	8.6
Compositors and typesetters.....	177	16.4	6.8	186	29.0	7.0
Printing press operators.....	145	4.8	4.1	192	11.5	9.9
All other craftworkers ²	1,845	9.3	7.3	2,030	15.5	1.3
Bakers.....	114	28.9	18.4	140	43.6	12.9
Crane, derrick, and hoist operators.....	150	1.3	16.0	164	1.2	15.9
Electric power line and cable operators.....	102	-	3.9	114	-	7.0
Stationary engineers.....	190	1.1	5.8	192	1.0	8.9
Telephone installers and repairers.....	310	1.9	4.2	302	9.9	7.9
Operatives, except transport².....	10,340	38.6	13.2	10,909	39.9	15.1
Assemblers.....	1,017	46.7	13.2	1,289	53.4	15.8
Checkers, examiners, and inspectors, mfg.....	685	48.5	8.8	746	51.2	12.2
Cutting operatives, n.e.c.....	238	27.7	16.0	263	27.8	15.2
Dressmakers and seamstresses, except factory.....	132	97.0	9.1	109	95.4	13.8
Garage workers and gas station attendants.....	502	4.6	8.4	369	5.4	11.4
Laundry and dry cleaning operatives, n.e.c.....	165	69.7	28.5	185	65.9	24.9
Meat cutters and butchers, except mfg.....	201	3.5	7.5	219	6.8	7.3
Mine operatives.....	142	.7	6.3	185	2.7	5.9
Packers and wrappers, exc. meat and produce.....	647	61.1	14.7	626	63.7	19.2
Painters, manufactured articles.....	178	14.6	14.6	185	16.8	12.4
Precision machine operatives.....	389	10.0	6.9	405	13.3	8.9
Punch and stamping press operatives.....	157	27.4	10.8	158	29.1	13.3
Sewers and slitchers.....	936	95.8	13.7	810	95.3	18.3
Textile operatives.....	424	55.2	15.8	340	57.6	22.6
Welders and flame cutters.....	554	3.6	10.1	713	4.5	10.5
Machine operatives.....	1,567	27.0	14.4	1,822	30.9	16.1
Transport equipment operatives².....	3,209	4.2	14.8	3,612	8.1	14.5
Bus drivers.....	252	34.1	17.1	358	45.5	19.6
Delivery and route workers.....	892	2.5	10.4	580	8.1	9.0
Fork lift and tow motor operatives.....	303	1.0	22.1	388	3.9	18.7
Taxicab drivers and chauffeurs.....	166	9.0	24.1	164	13.4	28.0
Truck drivers.....	1,441	.6	14.4	1,965	2.1	13.3
Laborers, except farm².....	4,217	6.3	20.2	4,665	11.3	17.4
Construction laborers, including carpenters' helpers.....	943	.5	22.4	930	2.7	18.0
Freight and material handlers.....	761	5.9	22.1	780	9.6	19.9
Gardeners and groundskeepers, except farm.....	544	2.2	20.0	615	6.2	16.1
Stockhandlers.....	723	16.9	10.2	919	24.8	12.3
Farmers and farm managers.....	1,688	5.9	3.3	1,446	9.6	2.6
Farm laborers and supervisors².....	1,381	32.1	15.1	1,257	27.7	16.3
Farm laborers, wage workers.....	886	15.3	21.9	930	16.0	20.9
Farm laborers, unpaid family workers.....	455	66.8	2.4	286	66.1	2.4
Service workers, except private household.....	9,529	57.0	18.5	11,746	59.2	18.5
Cleaning service workers.....	2,074	32.8	30.0	2,450	35.6	28.4
Food service workers ²	3,263	69.8	13.9	4,300	68.4	13.8
Cooks, except private household.....	866	62.2	21.4	1,251	56.0	19.3
Waiters.....	1,124	91.8	6.9	1,363	89.4	7.9
Health service workers ²	1,506	87.0	24.6	1,818	90.4	24.9
Health aides, except nursing, and trainees.....	157	79.6	21.0	272	87.5	22.4
Nursing aides, orderlies, and attendants.....	912	83.4	26.9	1,024	87.5	30.6
Practical nurses.....	343	96.5	25.7	376	97.9	18.6
Personal service workers².....	1,542	71.5	13.1	1,772	77.3	14.7
Barbers.....	157	4.5	12.7	109	12.8	13.8
Child care workers, except private household.....	356	95.8	14.0	441	95.2	14.1
Hairdressers and cosmetologists.....	498	91.2	7.2	575	89.2	9.6
Protective service workers².....	1,144	5.7	10.4	1,406	8.8	12.4
Firefighters.....	200	.5	4.0	236	.4	6.4
Guards.....	412	4.6	15.5	569	10.9	17.6
Police and detectives.....	416	2.6	8.4	484	6.0	9.9
Private household workers².....	1,437	97.6	40.6	1,088	97.6	33.1
Child care workers.....	543	98.0	9.9	474	97.9	8.0
Cleaners and servants.....	713	97.2	64.2	485	97.3	54.0

- Represents zero or rounds to zero. ¹Other than white. ²Includes occupations not shown separately.Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, October 1973 and January 1980.

NO. 698. EMPLOYED PERSONS—PERCENT DISTRIBUTION, BY OCCUPATION AND RACE: 1960 TO 1979

[Civilians 16 years old and over, except percent. See headnote, table 696, "N.e.c." means not elsewhere classified]

OCCUPATION	WHITE					BLACK AND OTHER				
	1960	1970	1975	1978	1979	1960	1970	1975	1978	1979
Total employed (1,000)	58,850	70,182	75,713	83,836	86,025	6,927	8,445	9,070	10,537	10,920
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers.....	46.6	50.8	51.7	51.8	52.5	16.1	27.9	34.7	36.2	37.9
Professional, technical, and kindred ¹	12.1	14.8	15.5	15.5	15.9	4.8	9.1	11.4	11.7	12.2
Medical and other health.....	2.1	2.3	2.5	2.8	2.9	.8	1.6	2.7	2.6	2.7
Teachers, except college.....	2.6	3.2	3.6	3.2	3.3	1.7	2.9	3.1	2.8	2.9
Managers, administrators, exc. farm.....	11.7	11.4	11.2	11.4	11.6	2.6	3.5	4.4	4.8	5.2
Salaried workers.....	5.9	8.4	9.0	9.4	9.6	.9	2.1	3.4	3.9	4.3
Self-employed.....	5.8	3.0	2.2	2.1	2.0	1.7	1.4	1.0	.9	1.0
Salesworkers.....	7.0	6.7	6.9	6.7	6.8	1.5	2.1	2.7	2.8	2.8
Retail trade.....	4.1	4.0	3.8	3.6	3.5	1.0	1.6	2.0	1.7	1.7
Clerical workers.....	15.7	18.0	18.1	18.0	18.2	7.3	13.2	15.7	16.9	17.7
Stenographers, typists, and secretaries.....	3.9	4.7	5.4	5.2	5.1	1.4	2.3	3.4	3.8	3.9
Blue-collar workers.....	36.2	34.5	32.4	32.9	32.6	40.1	42.2	37.4	37.2	36.7
Craft and kindred workers ¹	13.8	13.5	13.4	13.7	13.8	6.0	8.2	8.8	8.8	9.4
Carpenters.....	1.4	1.1	1.2	1.4	1.4	.4	.7	.6	.6	.6
Constr. craftworkers, exc. carpenters.....	2.7	2.5	2.7	2.7	2.8	1.6	1.8	2.1	2.4	2.3
Mechanics and repairers.....	3.2	3.7	3.6	3.7	3.7	1.7	2.6	2.1	2.1	2.4
Metalcraft workers, except mechanics.....	1.8	1.6	1.4	1.4	1.4	.6	.8	.8	1.8	1.9
Blue-collar supervisors, n.e.c.....	1.9	2.0	1.7	1.9	1.9	.4	.9	1.0	1.1	.9
Operatives.....	17.9	17.0	14.6	14.6	14.4	20.4	23.7	20.0	20.5	19.9
Operatives, except transport.....	(NA)	(NA)	10.9	11.0	10.8	(NA)	(NA)	15.0	15.5	15.1
Transport equipment operatives.....	(NA)	(NA)	3.7	3.6	3.6	(NA)	(NA)	5.0	5.0	4.8
Drivers, motor vehicles.....	3.5	3.1	3.1	3.1	3.1	4.4	4.1	4.0	4.1	3.9
Nonfarm laborers.....	4.4	4.1	4.4	4.6	4.5	13.7	10.3	8.7	7.9	7.4
Service workers.....	9.9	10.7	12.3	12.3	12.0	31.7	26.0	25.8	24.1	23.2
Private household workers.....	1.7	1.3	1.0	.9	.8	14.2	7.7	4.9	3.8	3.3
Service workers, exc. private household... Protective service workers.....	8.2	9.4	11.3	11.4	11.1	17.5	18.3	20.9	20.5	19.9
Farmworkers.....	1.2	1.3	1.5	1.4	1.4	.5	.9	1.7	1.7	1.6
Farmworkers.....	7.4	4.0	3.6	3.0	2.9	12.1	3.9	2.6	2.4	2.2
Farmers and farm managers.....	4.3	2.4	2.0	1.7	1.6	3.2	1.0	.6	.5	.3
Farm laborers and supervisors.....	3.0	1.6	1.5	1.3	1.2	9.0	2.9	2.0	2.0	1.9
Paid workers.....	1.7	1.0	1.1	1.0	.9	6.6	2.6	1.8	1.9	1.8
Unpaid family workers.....	1.3	.7	.5	.3	.3	2.4	.3	.2	.1	.1

NA Not available. ¹ Includes occupations not shown separately.
Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

NO. 699. HOURLY AND WEEKLY EARNINGS IN CURRENT AND CONSTANT (1967) DOLLARS, BY INDUSTRY GROUP: 1970 TO 1980

[1980 preliminary. For private industry only; weekly earnings include overtime. Data are for production and related workers in mining and manufacturing, construction, and nonsupervisory employees in other industries. Excludes agriculture. See headnote, 689. See also *Historical Statistics, Colonial Times to 1970*, series D 877-892]

INDUSTRY GROUP	CURRENT DOLLARS						CONSTANT (1967) DOLLARS					
	1970	1975	1977	1978	1979	1980, Jan.-May	1970	1975	1977	1978	1979	1980, Jan.-May
Gross hourly earnings	3.23	4.53	5.25	5.69	6.16	6.50	2.78	2.81	2.89	2.91	2.83	2.71
Manufacturing.....	3.35	4.83	5.68	6.17	6.69	7.04	2.88	3.00	3.13	3.16	3.07	2.94
Mining.....	3.85	5.95	6.94	7.67	8.48	8.95	3.31	3.69	3.83	3.93	3.90	3.74
Contract construction.....	5.24	7.31	8.10	8.65	9.26	9.61	4.51	4.53	4.46	4.43	4.25	4.01
Transportation, public utilities.....	3.85	5.88	6.99	7.57	8.18	8.65	3.31	3.65	3.85	3.87	3.76	3.61
Wholesale trade.....	3.44	4.73	5.39	5.88	6.39	6.80	2.96	2.93	2.97	3.01	2.94	2.84
Retail trade.....	2.44	3.36	3.85	4.20	4.53	4.80	2.10	2.08	2.12	2.15	2.08	2.01
Finance, insurance, real estate.....	3.07	4.06	4.54	4.90	5.28	5.65	2.64	2.52	2.50	2.51	2.43	2.36
Services.....	2.81	4.02	4.65	4.99	5.36	5.72	2.42	2.49	2.56	2.56	2.46	2.39
Gross weekly earnings	120	164	189	204	220	228	103	101	104	104	102	95
Manufacturing.....	134	191	229	249	269	269	115	118	126	128	124	112
Mining.....	164	249	301	332	365	385	141	155	166	170	168	161
Contract construction.....	195	266	296	318	342	346	168	165	163	163	157	144
Transportation, public utilities.....	156	233	279	303	326	340	134	145	154	155	150	142
Wholesale trade.....	137	183	209	228	248	262	118	114	115	117	114	109
Retail trade.....	82	109	122	130	139	143	71	68	67	67	64	60
Finance, insurance, real estate.....	113	148	165	178	192	205	97	92	91	91	88	86
Services.....	97	135	153	164	175	186	83	84	85	84	81	78

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

**NO. 700. AVERAGE WEEKLY EARNINGS IN CURRENT AND CONSTANT (1967) DOLLARS, PRIVATE
NONAGRICULTURAL AND MANUFACTURING INDUSTRIES: 1960 TO 1980**

[In dollars. Includes overtime. Based on reports from employing establishments and relate to full- and part-time wage and salary workers in nonagricultural establishments who worked during, or received pay for, any part of the pay period which includes the 12th of the month. See headnote, table 699. See *Historical Statistics, Colonial Times to 1970*, series D 804, for average weekly earnings in manufacturing]

INDUSTRY AND ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, Jan.- May ¹
PRIVATE NONAGRICULTURAL											
Gross weekly earnings:											
Current dollars	80.7	95.5	119.8	145.4	154.8	163.5	175.5	189.0	203.7	219.9	228.1
Constant (1967) dollars ²	91.0	101.0	103.0	109.2	104.8	101.5	102.9	104.1	104.3	101.0	95.2
Spendable weekly earnings: ³											
Worker with no dependents:											
Current dollars	65.6	79.3	96.2	117.5	124.4	132.5	143.3	155.2	165.4	178.0	183.9
Constant (1967) dollars ²	74.0	83.9	82.7	88.3	84.2	82.2	84.1	85.5	84.7	81.8	76.8
Worker with 3 dependents:											
Current dollars	73.0	86.6	104.9	127.4	134.6	145.7	155.9	169.9	180.7	194.8	201.1
Constant (1967) dollars ²	82.3	91.7	90.2	95.7	91.1	90.4	91.4	93.6	92.5	89.5	84.0
MANUFACTURING INDUSTRIES											
Gross weekly earnings:											
Current dollars	89.7	107.5	133.3	166.5	176.8	190.8	209.3	228.9	249.3	268.9	269.1
Constant (1967) dollars ²	101.2	113.8	114.6	125.1	119.7	118.4	122.8	126.1	127.6	123.5	112.4
Spendable weekly earnings: ³											
Worker with no dependents:											
Current dollars	72.6	89.1	106.3	132.6	140.2	151.6	167.8	183.8	197.4	212.4	219.4
Constant (1967) dollars ²	81.8	94.3	91.4	99.6	94.9	94.1	98.4	101.3	101.1	97.6	91.6
Worker with 3 dependents:											
Current dollars	80.1	96.8	115.6	143.5	151.6	168.3	181.3	200.1	214.9	232.1	239.8
Constant (1967) dollars ²	90.3	102.4	99.4	107.8	102.6	103.2	106.4	110.2	110.0	106.6	100.1

¹ Preliminary. ² Earnings in current dollars divided by the Consumer Price Index on a 1967 base.

³ Average gross weekly earnings less social security and Federal income taxes.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

NO. 701. ANNUAL PERCENT CHANGES IN EARNINGS AND COMPENSATION: 1969 TO 1979

ITEM	1969- 1970	1970- 1971	1971- 1972	1972- 1973	1973- 1974	1974- 1975	1975- 1976	1976- 1977	1977- 1978	1978- 1979
Current dollars:										
Hourly earnings, total ¹	6.3	6.8	7.2	6.5	7.6	6.8	7.3	8.0	8.4	8.3
Hourly earnings, manufacturing	5.0	6.6	7.0	7.1	8.1	9.3	8.1	8.8	8.6	8.4
Spendable weekly earnings ^{1,2}	4.9	7.2	8.2	4.7	5.7	8.2	7.0	9.0	6.3	7.8
Compensation per employee-hour ²	6.8	6.7	6.3	7.9	8.9	10.0	8.4	8.1	9.1	9.0
Constant (1967) dollars:										
Hourly earnings, total ¹ .....	.4	2.2	3.9	.3	-3.0	-2.1	1.4	1.4	.7	-2.8
Hourly earnings, manufacturing	-1.0	2.1	3.7	.7	-7	-1.6	2.0	2.3	1.0	-2.8
Spendable weekly earnings ^{1,2}	-1.0	2.8	4.8	-1.5	-4.8	-9	1.2	2.4	-1.2	-3.4
Compensation per employee-hour ² .....	.8	2.4	2.9	1.6	-1.9	.8	2.5	1.5	1.4	-2.1
Consumer Price Index ³	5.9	4.3	3.3	6.2	11.0	9.1	5.8	6.5	7.6	11.5

¹ Nonfarm business sector.

² Married worker with 3 dependents.

³ See text, p. 475 and table 806.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

NO. 702. NUMBER OF WORKERS AND EARNINGS, BY WORK EXPERIENCE AND SEX: 1978

[Covers civilians 14 years old and over as of March 1979 with earnings. For definition of median, see Guide to Tabular Presentation]

WEEKS WORKED	WORKED FULL-TIME				RATIO: WOMEN TO MEN		WORKED PART-TIME				RATIO: WOMEN TO MEN	
	Women		Men		Num- ber	Median earn- ings	Women		Men		Num- ber	Median earn- ings
	Num- ber (1,000)	Median earn- ings	Num- ber (1,000)	Median earn- ings			Num- ber (1,000)	Median earn- ings	Num- ber (1,000)	Median earn- ings		
Total	32,603	\$7,464	54,565	\$13,588	.60	.55	15,795	\$1,635	8,338	\$1,635	1.89	1.00
13 weeks or less	2,838	899	2,633	1,251	1.08	.72	3,632	570	2,219	583	1.64	.98
14-26 weeks	2,978	2,663	3,055	3,397	.97	.78	2,900	1,050	1,525	1,133	1.90	.93
27-39 weeks	2,743	4,553	3,078	7,101	.89	.64	2,245	2,080	976	2,423	2.30	.86
40-47 weeks	2,115	6,101	3,265	9,974	.65	.61	1,449	2,692	726	2,825	2.00	.95
48-49 weeks	1,016	6,855	1,498	11,341	.68	.60	511	3,088	255	3,524	2.00	.96
50-52 weeks	20,914	9,350	41,036	15,730	.51	.59	5,058	3,423	2,637	3,293	1.92	1.04

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 123.

No. 703. PRODUCTION WORKERS, MANUFACTURING INDUSTRIES—HOURS AND GROSS EARNINGS, BY STATES: 1965 TO 1979

STATE	AVERAGE HOURLY EARNINGS (dollars)					AVERAGE WEEKLY EARNINGS (dollars)					AVERAGE WEEKLY HOURS				
	1965	1970	1975	1978	1979	1965	1970	1975	1978	1979	1965	1970	1975	1978	1979
U.S.	2.61	3.36	4.81	6.17	6.69	108	134	190	249	269	41.2	39.8	39.4	40.4	40.2
N. Eng.:															
Maine.....	2.06	2.71	3.81	4.91	5.42	85	109	152	197	217	41.3	40.1	39.9	40.2	40.1
N.H.....	2.06	2.81	3.97	4.93	(NA)	84	109	155	198	(NA)	40.9	38.8	39.1	40.2	(NA)
Vt.....	2.17	2.93	4.07	5.10	5.53	92	120	164	209	226	42.4	41.0	40.4	41.0	40.6
Mass.....	2.45	3.23	4.48	5.54	(NA)	99	127	175	223	(NA)	40.3	39.2	39.1	40.2	(NA)
R.I.....	2.18	2.85	3.84	4.71	5.10	89	112	149	183	199	40.6	39.2	38.9	38.9	39.1
Conn.....	2.69	3.43	4.78	5.96	6.43	113	140	194	250	270	42.1	40.9	40.5	42.0	42.0
Mid. Atl.:															
N.Y.....	2.68	3.46	4.91	6.08	6.57	106	135	191	242	260	39.7	38.9	38.9	39.8	39.6
N.J.....	2.74	3.46	4.99	6.20	6.66	112	139	200	255	277	41.0	40.3	39.9	41.2	41.7
Pa. ¹	2.66	3.36	4.88	6.37	6.97	106	132	193	255	278	40.5	39.2	38.8	40.0	39.9
E. No. Cent.:															
Ohio.....	3.01	3.81	5.57	7.29	7.84	127	155	224	307	325	42.2	40.6	40.3	42.1	41.5
Ind.....	2.92	3.72	5.49	7.17	7.74	122	149	219	295	316	41.7	40.1	39.8	41.2	40.5
Ill.....	2.83	3.65	5.53	6.76	7.90	117	147	219	271	297	41.4	40.3	39.7	40.1	40.7
Mich.....	(NA)	(NA)	(NA)	(NA)	8.73	(NA)	(NA)	(NA)	(NA)	360	(NA)	(NA)	(NA)	(NA)	41.2
Wis.....	2.75	3.61	5.26	6.69	7.27	115	146	212	274	297	41.7	40.4	40.4	41.0	40.9
W. No. Cent.:															
Minn.....	2.72	3.54	5.10	6.44	6.93	112	141	200	259	277	41.2	40.0	39.2	40.2	40.0
Iowa.....	2.78	3.70	5.40	7.00	7.75	113	147	214	281	314	40.7	39.7	39.7	40.1	40.5
Mo.....	2.62	3.39	4.75	6.21	6.70	106	139	187	248	265	40.3	39.3	39.0	40.0	39.5
N. Dak.....	2.36	2.93	4.31	5.55	5.98	100	119	172	220	234	42.5	40.7	39.9	39.7	39.2
S. Dak.....	2.37	2.98	4.21	5.19	5.70	104	133	171	216	239	43.8	44.6	40.7	41.7	41.9
Nebr.....	2.40	3.21	4.63	5.83	6.53	104	135	188	240	270	43.1	42.0	40.5	41.1	41.3
Kans.....	(²)	(²)	(²)	(²)	6.77	(²)	(²)	(²)	(²)	276	(²)	(²)	(²)	(²)	40.8
So. Atl.:															
Del.....	2.77	3.44	5.02	6.58	7.05	115	136	197	263	279	41.5	39.6	39.3	40.0	39.6
Md.....	2.62	3.40	5.04	6.46	7.09	108	136	197	258	284	41.2	40.1	39.1	39.9	40.0
D.C. ³	2.82	3.81	5.52	6.72	7.74	114	148	213	263	303	40.2	38.8	38.5	39.1	39.2
Va.....	2.11	2.73	3.99	5.11	5.58	88	109	156	203	222	41.5	40.0	39.2	39.8	39.7
W. Va.....	2.74	3.42	4.93	6.68	7.41	111	136	192	265	293	40.4	39.8	39.0	39.6	39.6
N.C.....	1.82	2.46	3.52	4.47	4.87	75	97	135	178	193	41.3	39.5	38.4	39.8	39.6
S.C.....	1.88	2.51	3.59	4.66	5.10	79	101	141	190	208	41.9	40.2	39.4	40.8	40.8
Ga.....	2.01	2.67	3.80	4.88	5.27	83	106	150	196	208	41.1	39.8	39.5	40.1	39.4
Fla.....	2.16	2.89	4.11	5.07	5.48	91	119	164	207	222	42.3	41.1	40.0	40.9	40.5
E. So. Cent.:															
Ky.....	2.51	3.27	4.77	6.26	6.77	103	129	185	248	267	41.0	39.4	38.7	39.6	39.4
Tenn.....	2.09	2.73	3.93	5.13	5.56	85	109	156	203	221	40.8	39.9	39.8	39.6	39.7
Ala.....	2.24	2.90	4.10	5.40	5.95	94	117	162	219	242	41.8	40.3	39.5	40.6	40.7
Miss.....	1.82	2.43	3.58	4.56	4.95	75	98	141	182	196	41.2	40.2	39.3	39.9	39.6
W. So. Cent.:															
Ark.....	1.83	2.48	3.69	4.72	5.19	75	99	143	186	206	41.0	39.8	38.8	39.3	39.6
La.....	2.55	3.28	4.88	6.42	6.97	108	137	209	267	288	42.3	41.8	42.8	41.6	41.3
Okla.....	2.41	3.09	4.45	5.81	6.53	101	126	178	234	264	42.0	40.8	40.0	40.2	40.5
Tex.....	2.48	3.18	4.57	5.88	6.46	104	129	186	243	266	41.9	40.7	40.6	41.3	41.1
Mt.:															
Mont.....	2.80	3.70	5.53	7.81	8.44	115	148	210	333	362	41.0	40.0	38.0	42.7	42.9
Idaho.....	2.65	3.29	4.77	6.53	6.92	106	128	185	253	265	40.0	38.9	38.8	38.8	38.3
Wyo.....	2.86	3.36	4.92	6.18	6.62	108	130	190	238	248	37.9	38.7	38.6	38.6	37.5
Colo.....	(²)	(²)	(²)	6.21	6.75	(²)	(²)	(²)	244	265	(²)	(²)	(²)	(²)	39.2
N. Mex.....	2.31	2.68	3.63	4.79	5.37	94	105	142	188	213	40.6	39.0	39.0	39.2	39.6
Ariz.....	2.77	3.31	4.85	6.03	6.62	114	132	189	243	269	41.1	40.0	39.0	40.3	40.6
Utah.....	2.84	3.26	4.61	5.68	6.27	*114	127	176	224	245	*40.3	39.1	38.1	39.5	39.0
Nev.....	3.18	4.09	5.26	6.54	6.95	127	161	201	252	268	39.9	39.3	38.2	38.5	38.5
Pac.:															
Wash.....	3.09	4.06	5.82	7.56	8.39	122	159	225	297	324	39.5	39.1	38.7	39.3	38.6
Oreg.....	2.94	3.82	5.53	7.23	7.92	117	148	212	282	305	39.8	38.8	38.4	39.0	38.5
Calif.....	3.05	3.80	5.22	6.43	7.03	124	150	206	258	281	40.8	39.6	39.4	40.1	39.9
Alaska.....	3.70	4.66	6.09	8.86	*9.14	159	192	296	376	*40.1	43.1	41.2	36.6	42.4	
Hawaii.....	2.28	3.17	4.68	5.90	6.38	90	127	183	228	244	39.3	40.0	39.1	38.6	38.3

NA Not available. ¹Beginning 1977, data not strictly comparable with prior years. ²Source requested that data previously published not be shown because of errors. ³Represents Washington, D.C. Standard Metropolitan Statistical Area; data not comparable over years shown. ⁴Data for 1965 not strictly comparable with later years. ⁵Data for 1979 not comparable with prior years.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. Compiled from data supplied by cooperating State agencies.

NO. 704. MEDIAN WEEKLY EARNINGS OF FULL-TIME WAGE AND SALARY WORKERS, BY SELECTED CHARACTERISTIC: 1970 TO 1979

[In current dollars of usual weekly earnings. For 1970-1978, as of May. Data for 1979 represent annual average. Due to changes in data collection procedures, data for 1979 are not strictly comparable with earlier years. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	1970	1973	1974	1975	1976	1977	1978	CHARACTERISTIC	1979
All workers.....	\$130	\$159	\$169	\$185	\$197	\$212	\$227	All workers.....	\$244
Male.....	151	188	204	221	234	253	272	Male.....	296
16-24 years old.....	112	136	146	149	159	168	185	16-24 years old.....	201
25 years and over.....	160	203	219	235	251	273	294	25 years and over.....	322
Never-married.....	113	134	144	153	161	173	190	Never-married.....	186
Husbands.....	159	200	216	234	248	272	293	Husbands.....	324
Other marital status.....	139	171	194	205	224	239	263	Wives.....	189
Female.....	94	116	124	137	145	156	166	Women who maintain families.....	190
16-24 years old.....	88	103	111	117	125	133	142	Men who maintain families.....	301
25 years and over.....	96	121	131	146	154	165	175	White.....	249
Never-married.....	95	114	120	132	141	150	159	Male.....	306
Wives.....	95	117	126	139	147	158	167	Female.....	187
Other marital status.....	91	115	123	138	146	158	168	Black.....	204
White.....	134	162	173	190	202	217	232	Male.....	233
Male.....	157	193	209	225	239	259	279	Female.....	174
Female.....	95	117	125	138	147	157	167	Hispanic origin.....	197
Black and other.....	99	129	140	156	162	171	186	Male.....	226
Male.....	113	149	160	173	187	201	218	Female.....	156
Female.....	81	107	117	130	138	147	158	Occupation:	
Occupation:								Professional and technical.....	316
Profess'n'l and techn'l.....	181	212	228	246	256	277	294	Managers, administrators ¹	349
Managers, administ'rs ¹	190	238	250	274	289	302	323	Salesworkers.....	254
Salesworkers.....	133	163	172	189	198	225	232	Clerical workers.....	195
Clerical workers.....	109	130	140	150	158	167	175	Craft and kindred wkrs.....	303
Craft and kindred wkrs.....	157	195	211	223	239	259	279	Operatives, exc. transport.....	211
Operatives, exc. transport.....	(NA)	132	141	157	162	171	191	Transport equipment operatives.....	272
Transport equipment operatives.....	(NA)	169	180	198	214	231	249	Nonfarm laborers.....	206
Nonfarm laborers.....	110	138	149	154	161	181	193	Private household wkrs.....	164
Private household wkrs.....	38	39	50	54	60	59	59	Service workers.....	187
Other service workers.....	87	111	117	123	134	142	152	Farmworkers.....	164
Farmworkers.....	71	96	107	111	120	127	139		

NA Not available. ¹ Excludes farm.

Source: U.S. Bureau of Labor Statistics, *News*, Oct. 12, 1978 and Mar. 27, 1980.

NO. 705. PERCENT INCREASE IN AVERAGE SALARIES FOR SELECTED OCCUPATIONS IN PRIVATE INDUSTRY: 1970 TO 1979

[Based on sample and subject to sampling variability. Relates to metropolitan areas and nonmetropolitan counties in U.S. except Alaska and Hawaii. Minimum employment sizes of establishments studied were: 250 or more in mining, construction, retail trade, most manufacturing industries, and selected transportation industries; and 100 or more in selected manufacturing industries, and transportation, communication, electric, gas, and sanitary services, and in wholesale trade, finance, insurance, and real estate, and selected services and 50 or more in accounting, auditing, and bookkeeping services. When changes made in survey coverage, year-to-year percent changes were based on data adjusted to represent same coverage in both years]

OCCUPATIONAL GROUP	1970-1971	1971-1972 ¹	1972-1973	1973-1974	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
Accountants.....	6.7	5.6	4.9	6.1	9.8	6.4	7.8	8.3	8.0
Auditors.....	7.0	5.5	5.2	5.2	6.8	5.5	6.8	8.2	6.5
Chief accountants.....	9.1	3.9	5.8	7.2	8.6	6.6	10.5	8.0	7.7
Attorneys.....	5.0	6.1	6.3	5.8	7.6	6.1	5.4	9.1	8.9
Buyers.....	7.0	6.3	5.0	6.0	9.2	6.7	7.0	7.8	7.0
Job analysts.....	7.7	6.8	5.2	6.1	7.5	6.0	6.5	7.2	8.6
Personnel directors.....	8.0	3.9	7.5	7.2	6.1	7.8	9.1	10.0	7.5
Chemists.....	5.5	5.1	3.7	7.1	10.1	6.6	7.0	9.0	7.6
Engineers.....	5.7	5.2	5.1	5.4	8.4	6.8	6.4	9.0	8.4
Engineering technicians.....	6.5	5.1	4.7	6.0	9.0	8.1	7.2	7.1	7.6
Drafters.....	5.8	7.2	6.2	6.7	8.0	7.4	6.0	7.1	(NA)
Clerical.....	6.5	6.1	5.4	6.4	9.6	7.3	6.6	7.4	7.8

NA Not available. ¹ Data for the 9-month period, June 1971-March 1972, have been prorated to represent a 12-month period.

Source: U.S. Bureau of Labor Statistics, *National Survey of Professional, Administrative, Technical, and Clerical Pay*, Bulletin No. 2045.

No. 706. ANNUAL PERCENT INCREASE IN AVERAGE PAY FOR SELECTED OCCUPATIONS AND IN CONSUMER PRICES: 5-YEAR PERIODS, 1967 TO 1979

[5-year periods begin and end in January of years shown, except as noted]

OCCUPATION	1967-1972	1968-1973	1969-1974	1970-1975	1971-1976	1972-1977	1973-1978	1974-1979
Private industry:								
Professional, administrative, technical, and clerical employees, average salaries: ¹								
Clerical and beginning technicians.....	5.8	5.9	6.1	6.7	6.9	7.1	7.5	7.7
Entry and development professional levels, and advanced technical levels.....	6.1	5.7	5.6	6.1	6.1	6.3	7.0	7.4
Fully experienced professional working levels, supervisors of professional and program administrative levels.....	5.8	6.0	6.0	6.5	6.6	7.0	7.6	8.0
Production and nonsupervisory workers, nonagric.: Average hourly earnings adjusted for overtime ² (mfg. only) and interindustry employment shifts.....	6.6	6.6	6.6	7.1	7.2	7.3	7.7	8.1
Police and firefighters: ³ Minimum annual salary scales.....	7.9	7.3	6.5	6.0	6.3	6.0	6.1	6.1
Maximum annual salary scales.....	7.7	8.1	7.4	7.1	7.3	6.9	6.6	6.5
Urban public classroom teachers, avg. annual salaries ⁴ ...	⁵ 6.9	⁶ 6.8	⁶ 6.8	⁷ 7.0	⁸ 7.0	⁸ 6.9	⁸ 6.9	⁸ 6.3
Federal general schedule employees: ¹⁰								
Average annual salary rates.....	6.3	7.4	6.0	5.7	5.5	5.0	5.4	5.7
Average annual salaries.....	7.8	9.1	6.5	5.9	5.7	5.3	5.9	6.4
Consumer Price Index for all Urban Consumers.....	4.6	4.6	5.5	6.6	6.9	7.3	8.0	7.9

¹ For further details, see *National Survey of Professional, Administrative, Technical, and Clerical Pay*, Bulletin No. 2045.
² Data are subject to annual benchmark revision and are not seasonally adjusted. ³ For cities of 100,000 population or more in 1970. ⁴ For cities of 100,000 population or more in 1970, and counties of this size in standard metropolitan statistical areas with county-wide school systems. ⁵ 1967-71 data. ⁶ 1969-73 data. ⁷ 1971-75 data. ⁸ 1973-77 data. ⁹ 1975-79 data. ¹⁰ For 1967, as of Oct. 1; for 1968 to 1971, as of July 1; and for 1972 to 1979, as of April 1. Rates show statutory changes and effect of changes in proportion of workers at each step within salary ranges for individual grades. Salaries measure effect of statutory changes in basic pay scales and in grade salary increases, and also changes in proportion of workers in various grades.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, February, May, and August 1980.

No. 707. EFFECTIVE AND SCHEDULED FEDERAL MINIMUM HOURLY WAGE RATES, 1950 TO 1981, AND COVERAGE IN 1978

[Employee estimates as of September 1978, except as indicated. The Fair Labor Standards Act of 1938 and subsequent amendments provide for minimum wage coverage applicable to specified nonsupervisory employment categories. Exempt from coverage are executives and administrators or professionals]

EFFECTIVE DATE	MINIMUM RATES FOR NONFARM WORKERS			Minimum rates for farm workers ⁴	SEX, RACE, AND INDUSTRY	NONSUPERVISORY EMPLOYEES, 1978				
	Laws prior to 1966 ¹	Percent, avg. earnings ²	1966 and later ³			Total (1,000)	Subject to minimum wage rates			
							Total (1,000)	Percent of total	Prior to 1966 ^{6,7} (1,000)	1966 and later (1,000) ^{3,6,7}
In effect:					Total.....	74,038	57,572	77.8	41,036	16,536
Jan. 25, 1950.....	\$.75	54	(x)	(x)	Male.....	42,247	33,099	78.3	25,412	7,687
Mar. 1, 1956.....	1.00	52	(x)	(x)	Female.....	31,791	24,473	77.0	15,624	8,849
Sept. 3, 1961.....	1.15	50	(x)	(x)	White.....	65,030	50,549	77.7	36,710	13,839
Sept. 3, 1963.....	1.25	51	(x)	(x)	Black and other.....	9,008	7,023	78.0	4,326	2,697
Feb. 1, 1967.....	1.40	50	\$1.00	\$1.00	Black only.....	8,224	6,427	78.1	3,957	2,470
Feb. 1, 1968.....	1.60	54	1.15	1.15	Private industry.....	64,611	54,998	85.1	41,036	13,962
Feb. 1, 1969.....	(⁹)	(⁹)	1.30	1.30	Agriculture.....	1,518	553	36.4	-	553
Feb. 1, 1970.....	(⁵)	(⁵)	1.45	(⁵)	Mining.....	792	788	99.5	788	-
Feb. 1, 1971.....	(⁵)	(⁵)	1.60	(⁵)	Construction.....	4,126	4,105	99.5	3,354	751
May 1, 1974.....	2.00	46	1.90	1.60	Manufacturing.....	18,246	17,744	97.2	17,634	110
Jan. 1, 1975.....	2.10	45	2.00	1.80	Transp., public util.....	4,350	4,317	99.2	4,218	99
Jan. 1, 1976.....	2.30	46	2.20	2.00	Wholesale trade.....	4,231	3,372	79.7	3,147	225
Jan. 1, 1977.....	(⁵)	(⁹)	2.30	2.20	Retail trade.....	13,246	10,551	79.7	4,981	5,570
Jan. 1, 1978.....	2.65	44	2.65	2.65	Finance, insurance, real estate.....	4,041	3,066	75.9	2,945	121
Jan. 1, 1979.....	2.90	45	2.90	2.90	Service.....	12,216	9,322	76.3	3,969	5,353
Jan. 1, 1980.....	3.10	45	3.10	3.10	Private households.....	1,845	1,180	64.0	-	1,180
Future rates:					Government ⁸	9,427	2,574	27.3	-	2,574
Jan. 1, 1981.....	3.35	45	3.35	3.35						

- Represents zero. X Not applicable. ¹ Applies to workers covered prior to 1961 Amendments and, after Sept. 1965, to workers covered by 1961 Amendments. Rates set by 1961 Amendments were: Sept. 1961, \$1.00; Sept. 1964, \$1.15; and Sept. 1965, \$1.25. ² Percent of gross average hourly earnings of production workers in manufacturing. ³ Applies to workers newly covered by Amendments of 1966, 1974, and 1977, and Title IX of Education Amendments of 1972. ⁴ Included in coverage as of 1966, 1974, and 1977 Amendments. ⁵ No change in rate. ⁶ Currently employed workers subject to criteria in effect prior to 1966 Amendments. ⁷ Currently employed workers subject to provisions. ⁸ Federal, State, and local employees.

Source: U.S. Department of Labor, Employment Standards Administration, *Minimum Wage and Maximum Hours Standards Under the Fair Labor Standards Act*, 1980, annual.

**NO. 708. MINIMUM HOURLY UNION WAGE RATES—INDEXES AND AVERAGES, SELECTED TRADES:
1960 TO 1978**

[As of first working day in July, except as noted. Data for 1960 exclude Alaska. Indexes of rates reflect changes in minimum hourly wage scales. Year-to-year changes in union scales are based on comparable quotations for each trade weighted by membership for current year. Average wage rates show current levels and should not be used for precise year-to-year comparisons because of fluctuations in membership in the classifications studied. See also *Historical Statistics, Colonial Times to 1970*, series D 818-829]

TRADE	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978
INDEXES (1967 = 100)											
Building trades	75.4	90.9	129	144	153	161	173	188	201	212	224
Journeymen.....	75.5	90.9	129	144	153	161	173	188	200	212	224
Helpers and laborers.....	74.0	90.8	128	144	152	161	175	189	202	215	224
Printing trades ¹	80.6	93.0	121	134	144	153	166	180	192	205	219
Book and job ²	80.3	93.5	121	134	144	155	166	181	193	207	220
Newspaper.....	81.1	92.5	121	133	144	152	165	179	192	204	213
Motortruck drivers and helpers ³	75.4	91.2	123	138	152	163	177	190	206	224	(NA)
Local transit operators	73.9	89.8	125	136	145	155	173	193	205	220	233
AVERAGE WAGE RATES (dol.)											
Building trades	3.66	4.42	6.18	6.88	7.27	7.62	8.14	8.88	9.48	10.02	10.61
Journeymen.....	3.86	4.64	6.54	7.28	7.69	8.02	8.55	9.32	9.92	10.44	11.05
Helpers and laborers.....	2.88	3.54	4.86	5.43	5.68	6.06	6.53	7.06	7.54	8.03	8.54
Printing trades ¹	3.23	3.73	4.97	5.47	5.89	6.28	6.80	7.36	7.90	8.46	9.07
Book and job ²	3.08	3.58	4.65	5.11	5.49	5.91	6.34	6.86	7.41	7.91	8.51
Newspaper.....	3.48	3.94	5.13	5.65	6.09	6.43	7.01	7.57	8.17	8.74	9.23
Motortruck drivers and helpers ³	2.65	3.22	4.36	4.90	5.43	5.85	6.34	6.81	7.36	8.03	(NA)
Local transit operators	2.37	2.88	4.03	4.38	4.68	5.04	5.62	6.25	6.63	7.12	7.53

NA. Not available. ¹ Beginning 1970, includes lithographers; beginning 1978, data collected biennially. ² Includes semiskilled (bindery workers and press assistants and feeders). ³ Data based on all scales reported for these workers; beginning 1977, data collected biennially.

NO. 709. MINIMUM HOURLY UNION WAGE RATES—SELECTED TRADES, TEN LARGE CITIES: 1970 TO 1978

[In dollars. Represents rates agreed upon through collective bargaining between employers and trade unions]

TRADE	New York, N.Y.	Chi- cago, Ill.	Los Ange- les, Calif.	Phila- del- phia, Pa.	De- troit, Mich.	Hous- ton, Tex.	At- lanta, Ga.	Den- ver, Colo.	Wash- ing- ton, D.C.	Cleve- land, Ohio
1970:										
Building trades	6.71	6.74	6.08	6.60	7.19	5.43	5.36	5.55	5.80	7.73
Journeymen.....	6.95	6.96	6.49	7.10	7.37	5.70	6.05	6.15	6.41	7.94
Helpers, laborers.....	5.75	5.44	4.71	5.02	5.76	4.18	3.19	4.02	4.38	6.53
Printing trades										
Book and job ¹	5.39	5.29	4.92	4.21	5.01	4.12	4.04	3.93	4.36	4.16
Newspaper.....	6.10	5.29	5.07	4.74	5.04	4.62	4.51	5.11	5.46	5.61
Motortruck drivers and helpers ²										
Drivers.....	4.23	4.36	4.35	4.26	4.79	4.26	4.25	4.02	3.63	4.42
Helpers.....	3.65	3.94	3.85	3.46	4.17	2.49	2.73	3.18	3.43	3.35
Local transit operators	4.45	4.57	4.00	3.81	4.30	3.25	3.40	3.57	4.37	3.74
1975:										
Building trades	9.83	9.54	9.51	9.76	9.46	8.07	7.67	8.32	8.97	9.67
Journeymen.....	10.01	10.14	9.69	10.27	9.70	8.46	8.27	9.07	9.58	9.96
Helpers, laborers.....	8.28	7.28	7.34	7.56	7.73	6.20	5.34	5.75	7.18	8.10
Printing trades ³	8.65	8.27	7.43	6.72	7.61	6.52	6.51	7.24	8.51	6.96
Book and job ¹	8.73	7.69	6.81	6.09	7.22	6.41	6.30	5.86	7.84	6.27
Newspaper.....	9.04	8.02	7.75	7.04	7.87	6.56	6.65	8.03	9.14	7.33
Motortruck drivers and helpers ²	6.36	7.12	6.60	6.89	7.20	6.69	6.82	6.31	5.87	6.80
Drivers.....	6.53	7.15	6.64	7.00	7.24	6.70	6.83	6.33	6.01	6.89
Helpers.....	5.70	6.60	5.44	5.66	6.62	4.55	4.21	5.72	5.41	5.24
Local transit operators	6.72	7.12	6.25	5.88	6.41	5.05	5.74	5.78	6.90	5.75
1978:										
Building trades	11.01	11.31	11.21	10.26	11.37	10.35	9.04	10.08	10.39	11.63
Journeymen.....	11.40	11.66	11.55	11.07	11.63	10.83	9.64	10.64	10.80	11.80
Helpers, laborers.....	9.55	9.23	8.64	8.92	9.60	7.91	6.41	7.77	8.38	10.54
Printing trades ³	10.35	10.01	9.80	8.19	9.24	8.14	7.84	9.02	9.45	8.64
Book and job ¹	10.27	9.51	8.71	7.29	8.63	8.12	7.70	7.50	9.05	8.04
Newspaper.....	10.72	9.76	10.48	8.63	9.32	8.12	7.76	9.88	9.74	8.76
Motortruck drivers and helpers ^{2,4}	7.42	8.41	7.82	7.82	8.31	8.14	8.17	7.60	6.88	7.82
Drivers.....	7.65	8.48	7.87	7.86	8.36	8.15	8.21	7.63	7.02	7.90
Helpers.....	6.38	7.77	6.33	7.19	7.74	5.55	5.47	6.64	6.42	6.69
Local transit operators	7.35	8.91	8.09	7.06	7.91	6.26	7.43	7.48	8.16	7.62

¹ See footnote 2, table 708. This number of semiskilled workers organized in a city may have influence on the average for the city. ² See footnote 3, table 708. Helpers were not reported for all truck classifications, and these averages do not reflect or indicate the scale differential between drivers and helpers in a particular city. ³ Includes lithographers, not shown separately. ⁴ 1977 data.

Source of tables 708 and 709: U.S. Bureau of Labor Statistics, *Union Wages and Benefits*, annual.

NO. 710. EMPLOYEE COMPENSATION PER HOUR, BY COMPENSATION ITEM: 1977

[Private nonfarm economy. Covers establishments employing 1 or more workers]

COMPENSATION ITEM	ALL EMPLOYEES			OFFICE EMPLOYEES			NONOFFICE EMPLOYEES		
	Percent of compensation	Compensation per hour		Percent of compensation	Compensation per hour		Percent of compensation	Compensation per hour	
		All paid hours	Work hours		All paid hours	Work hours		All paid hours	Work hours
Total compensation	100.0	\$7.43	\$8.04	100.0	\$9.04	\$9.96	100.0	\$6.49	\$6.96
Wages and salaries (gross payroll) ¹	84.6	6.28	6.80	85.6	7.74	8.52	83.7	5.44	5.82
Supplements to wages and salaries ²	15.5	1.15	1.24	14.4	1.30	1.43	16.3	1.06	1.13
Pay for time worked.....	76.7	5.70	6.17	75.8	6.85	7.54	77.5	5.03	5.39
Straight-time pay.....	74.8	5.56	6.02	75.0	6.78	7.47	74.6	4.85	5.19
Premium pay.....	1.9	.14	.15	.8	.07	.08	2.9	.19	.20
Paid leave (exc. sick leave).....	6.1	.45	.49	6.7	.61	.67	5.6	.36	.39
Vacations.....	3.4	.25	.27	3.8	.35	.38	3.0	.20	.21
Holidays.....	2.3	.17	.19	2.6	.24	.26	2.1	.13	.14
Other.....	.4	.02	.03	.2	.02	.02	.4	.03	.03
Employer expenditures for—									
Social security retirement.....	4.4	.33	.36	4.1	.37	.41	4.7	.31	.33
Private retirement plans.....	4.1	.30	.33	4.8	.43	.48	3.5	.23	.25
Life, accident, health insurance.....	4.0	.30	.32	3.6	.32	.36	4.3	.28	.30
Sick leave.....	.8	.06	.07	1.2	.11	.12	.6	.04	.04
Workers' compensation.....	1.2	.09	.10	.5	.04	.05	1.8	.12	.13
Unemployment insurance.....	1.2	.09	.10	.9	.08	.09	1.4	.09	.10
Severance pay ³	1.1	.01	.01	1.1	.01	.01	.1	.01	.01
Nonproduction bonuses.....	1.1	.08	.08	1.9	.17	.19	.4	.02	.03
Savings and thrift plans.....	.2	.02	.02	.4	.04	.04	.1	.01	.01

¹ Pay for time worked, vacations, holidays, sick leave, and civic and personal leave; severance pay; and nonproduction bonuses. ² Retirement programs (including direct pay to pensioners under pay-as-you-go private pension plans), life insurance and health benefit programs (except sick leave), unemployment benefit programs (except severance pay), and payments to vacation and holiday funds and to savings and thrift plans. ³ Severance pay and severance pay funds and supplemental benefit funds.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, 1978—Reference edition.

NO. 711. MAJOR COLLECTIVE BARGAINING SETTLEMENTS—AVERAGE PERCENT CHANGE IN WAGES AND BENEFITS NEGOTIATED: 1970 TO 1979

[In percent, except as indicated. Data represent private nonfarm industry settlements affecting production and related workers in manufacturing and nonsupervisory workers in nonmanufacturing (including construction) industries. Data exclude possible adjustments in wages under cost-of-living escalator clauses, except increases guaranteed by the contract. Includes all settlements, whether wages and benefits were changed or not]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Wage-rate adjustments: ¹										
All industries:										
First year changes.....	11.9	11.6	7.3	5.8	9.8	10.2	8.4	7.8	7.6	7.4
Contracts with escalator ²	(NA)	12.9	7.9	5.7	9.5	12.2	8.4	8.0	6.9	6.2
Contracts without escalator ²	(NA)	10.3	7.2	5.8	10.2	9.1	8.3	7.6	8.0	9.1
Over life of contract ³	8.9	8.1	6.4	5.1	7.3	7.8	6.4	5.8	6.4	6.0
Contracts with escalator ²	7.3	7.1	5.7	4.9	6.1	7.1	5.7	5.0	5.3	4.6
Contracts without escalator ²	10.1	9.2	6.5	5.3	9.1	8.3	7.3	6.9	7.1	8.0
Manufacturing:										
First year changes.....	8.1	10.9	6.6	5.9	8.7	9.8	8.9	8.4	8.3	6.9
Over life of contract ³	6.0	7.3	5.6	4.9	6.1	8.0	6.0	5.5	6.6	5.4
Nonmanufacturing:										
First year changes.....	15.2	12.2	7.8	5.7	10.5	10.4	7.7	7.4	7.4	8.0
Over life of contract ³	11.5	8.9	6.9	5.3	8.0	7.8	6.8	6.0	6.4	6.8
Number of workers affected (mil.).....	4.7	4.0	2.4	5.3	5.1	2.9	4.1	4.0	2.5	3.5
Percent of civilian labor force.....	6	5	3	6	6	3	4	4	3	3
Manufacturing (mil.).....	2.2	1.9	.9	2.4	1.9	.8	2.1	1.6	.6	1.9
Nonmanufacturing (mil.).....	2.5	2.1	1.5	2.9	3.3	2.1	2.0	2.4	2.0	1.6
Wage and benefit adjustments: ⁴										
First year changes.....	13.1	13.1	8.5	7.1	10.7	11.4	8.5	9.6	8.3	9.0
Over life of contract ³	9.1	8.8	7.4	6.1	7.8	8.1	6.6	6.2	6.3	6.6

¹ Each settlement involved 1,000 or more workers.

² Cost-of-living clauses.

³ Average annual rate of change.

⁴ Each settlement involved 5,000 or more workers.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

NO. 712. PERCENT OF WORKERS IN ESTABLISHMENTS WITH FORMAL PROVISIONS FOR SELECTED SUPPLEMENTARY BENEFITS IN SMSA'S: 1971-1974 AND 1975-1977

[SMSA = Standard metropolitan statistical areas. See Appendix II. Based on sample of establishments with 50 or more employees, except in 13 largest SMSA's (100 or more for manufacturing, public utilities, and retail trade); see source. Excludes gov., construction, and extractive industries and administrative, executive, and professional employees]

TYPE OF BENEFIT	PLANT WORKERS		OFFICE WORKERS		TYPE OF BENEFIT	PLANT WORKERS		OFFICE WORKERS	
	1971-1974 ¹	1975-1977 ²	1971-1974 ¹	1975-1977 ²		1971-1974 ¹	1975-1977 ²	1971-1974 ¹	1975-1977 ²
Retirement pension.....	78	79	85	86	Paid holidays ³ —Con.				
Insurance plans:					8 or more days.....	66	70	78	82
Life insurance.....	93	93	97	97	9 or more days.....	50	59	59	70
Hospitalization.....	95	96	97	99	10 or more days.....	26	43	35	50
Surgical.....	95	96	98	99	11 or more days.....	13	20	20	26
Medical.....	90	93	94	97	12 or more days.....	8	12	9	14
Major medical.....	74	81	93	95	Paid vacations: ⁴				
Dental insurance.....	13	33	11	30	2 weeks or more:				
Sickness/accident insurance.....	63	60	46	45	After 1 year of service.....	32	37	80	83
Sick leave (full pay and no waiting period).....	23	28	65	68	After 5 years of service.....	96	95	99	99
Sick leave (partial pay and/or waiting period).....	13	12	9	10	3 weeks or more:				
Paid holidays: ³					After 5 years of service.....	21	27	28	37
No paid holidays.....	4	5	(2)	(2)	After 10 years of service.....	74	79	87	90
6 or more days.....	89	89	97	98	After 15 years of service.....	86	87	94	95
7 or more days.....	78	80	88	91	4 weeks or more:				
					After 15 years of service.....	29	40	29	43
					After 20 years of service.....	61	66	71	78
					After 25 years of service.....	67	69	76	81

Z Less than .5 percent.

¹ Surveys conducted between July 1971 and June 1974 relate to 229 SMSA's.

² Surveys conducted between January 1975 and December 1977 relate to 262 SMSA's.

³ Holidays provided annually. Represents half-day and full-day holidays combined.

⁴ Such payments: as percentages of annual earnings or flat-sum were converted to an equivalent-time basis.

Source: U.S. Bureau of Labor Statistics, *Area Wage Surveys: Metropolitan Areas, United States and Regional Summaries, 1973-1974*, and 1977, Bulletin Nos. 1795-29 and 1950-77.

NO. 713. MEMBERSHIP IN LARGE UNIONS: 1968 TO 1978

[In thousands. AFL-CIO (except as noted) unions reporting 100,000 members or more in 1978 with headquarters in U.S. "Ind." = independent or unaffiliated unions]

UNION	1968	1972	1976	1978	UNION	1968	1972	1976	1978
Teamsters (Ind.).....	1,755	1,855	1,889	1,924	Postal workers ¹	⁸ 166	239	252	246
Automobile workers (Ind.).....	1,473	1,394	1,356	1,499	Letter carriers.....	210	220	227	227
Steelworkers ^{1,2}	1,352	1,400	1,300	1,286	Government (NAGE) (Ind.).....	(NA)	100	150	200
State, County (AFSCME).....	364	529	750	1,020	Railway, steamship clerks ⁹	280	238	211	200
Electrical (IBEW).....	897	957	924	1,012	Rubber.....	204	183	211	200
Machinists.....	903	758	917	921	Retail, wholesale.....	175	198	200	198
Carpenters.....	793	820	820	769	Painters.....	200	208	195	190
Retail clerks (RCIA).....	552	633	699	736	Oil, chemical workers.....	173	172	177	180
Service employees (SEIU).....	389	484	575	625	Firefighters.....	133	160	174	176
Laborers (LIUNA).....	553	600	627	610	United transportation ¹⁰	(NA)	248	265	176
Communications workers.....	357	443	483	508	Iron workers.....	168	176	179	175
Clothing and textile workers ^{2,3}	569	539	502	501	Bakery, confectionery ¹¹	(NA)	146	135	167
Meat cutters ^{2,4}	500	529	510	500	Electrical (UE) (Ind.).....	167	165	165	166
Teachers (AFT).....	165	249	446	500	Sheet metal workers.....	140	153	153	159
Engineers, operating.....	350	402	420	412	Transit union.....	134	130	150	154
Hotel and restaurant.....	459	458	432	404	Boilermakers.....	140	132	145	146
Garment, ladies' (ILGWU).....	455	428	365	348	Bricklayers.....	160	149	135	135
Plumbers.....	297	⁵ 228	⁵ 228	337	Transport workers.....	98	150	150	130
Musicians.....	283	315	330	330	Printing and graphic (IPGCU).....	(NA)	(NA)	109	120
Mine workers (Ind.).....	(NA)	213	277	308	Maintenance of way.....	125	142	119	119
Paperworkers ^{2,6}	328	389	300	284	Woodworkers.....	96	106	109	118
Government (AFGE).....	295	293	260	266	Office Employees (OPEIU).....	76	83	99	105
Electrical (IUE).....	324	290	238	255					

NA Not available. ¹ Intl. Union of Mine, Mill, and Smelter Workers, and Intl. Union of District 50 merged with United Steelworkers of America in 1967 and 1972, respectively. ² Figures for all years represent the union as constituted after merger.

³ In 1976, Amalgamated Clothing Workers of America merged with Textile Workers Union of America to form Amalgamated Clothing and Textile Workers Union. ⁴ In 1968, United Packinghouse, Food and Allied Workers merged with Amalgamated Meat Cutters and Butcher Workmen of North America. ⁵ AFL-CIO per capita reports. ⁶ United Papermakers and Paperworkers merged with Intl. Brotherhood of Pulp, Sulphite, and Paper Mill Workers in 1972 to form United Paperworkers International Union. ⁷ American Postal Workers Union formed in 1971 by merger of the postal clerks union and 4 other unions. ⁸ Postal clerks only. ⁹ Includes Transportation-Communication Employees Union.

¹⁰ Merged with Brotherhood of Railroad Trainmen and three other railroad unions in 1968. 1978 excludes retired members. ¹¹ American Bakery and Confectionery Workers Intl. Union and Bakery and Confectionery Workers' Intl. Union of America merged in 1969.

Source: U.S. Bureau of Labor Statistics, *Directory of National Unions and Employee Associations, 1975*, and unpublished data.

NO. 714. LABOR UNION AND EMPLOYEE ASSOCIATION MEMBERSHIP: 1950 TO 1978

[Estimates based on average number of dues-paying members of unions with headquarters in the U.S. Certain unions did not report as members persons not required to pay dues, such as apprentices and workers retired, unemployed, in Armed Forces, or involved in work stoppages. Excludes single-firm and local unaffiliated unions; includes local unions directly affiliated with the AFL-CIO, except as noted. Employee associations are similar to unions. See also *Historical Statistics, Colonial Times to 1970*, series D 933-934 and D 946-951]

ITEM	Unit	1950	1955	1960	1965	1970	1972	1974	1976	1978
Number of unions, total	Number.....	¹ 209	199	184	² 191	185	177	175	175	174
Unions affiliated with AFL-CIO	Number.....	137	139	134	129	120	113	111	112	108
Union membership.....	1,000.....	15,000	17,749	18,117	18,519	20,752	20,893	21,643	21,171	21,784
AFL-CIO.....	1,000.....	12,400	16,062	15,072	15,604	15,978	16,507	16,938	16,699	17,024
Independent or unaffiliated unions..	1,000.....	2,600	1,688	3,045	2,915	4,773	4,386	4,705	4,472	4,760
Male ³	1,000.....	(NA)	(NA)	14,733	(NA)	16,408	16,315	16,985	16,481	16,636
Female ³	1,000.....	(NA)	(NA)	3,304	(NA)	4,282	4,524	4,600	4,648	5,106
White-collar membership ⁴	1,000.....	(NA)	⁴ 2,463	2,192	(NA)	3,353	3,434	3,762	4,068	4,067
Percent of total membership	Percent.....	(NA)	⁴ 13.6	12.2	(NA)	16.2	16.5	17.4	19.2	18.7
U.S. members ⁵	1,000.....	14,267	16,802	17,049	17,299	19,381	19,435	20,199	19,634	20,246
Percent of total labor force	Percent.....	22.0	24.4	23.6	22.4	22.6	21.8	21.7	20.3	19.7
Percent of nonagric. employ- ment	Percent.....	31.5	33.2	31.4	28.4	27.5	26.4	25.8	24.5	23.6
Canadian members of U.S. unions..	1,000.....	733	947	1,068	1,220	1,371	1,458	1,444	1,537	1,538
Association membership ⁶	1,000.....	(NA)	(NA)	(NA)	(NA)	1,868	2,221	2,610	3,028	2,561
Female membership.....	1,000.....	(NA)	(NA)	(NA)	(NA)	1,116	1,212	1,438	1,780	1,559
White-collar membership.....	1,000.....	(NA)	(NA)	(NA)	(NA)	1,564	1,768	2,119	2,605	2,185

NA Not available. ¹ 1949 data. ² 1966 data. ³ Excludes local unions directly affiliated with AFL-CIO.
⁴ 1956 data. ⁵ Excluding Canadians. ⁶ Covers professional and State employee associations engaged in collective bargaining in more than one State or in one State in two or more cities.
 Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual; and *Directory of National Unions and Employee Associations*, 1979.

NO. 715. LABOR UNION MEMBERSHIP—TOTAL AND PERCENT OF NONAGRICULTURAL EMPLOYMENT, BY STATES: 1964 TO 1978

[Based on reports and estimates for national and local unions directly affiliated with AFL-CIO, and members in single firm and local unaffiliated unions. Excludes employee associations and membership outside U.S.]

STATE	TOTAL (1,000)				PERCENT OF EMPLOYMENT		STATE	TOTAL (1,000)				PERCENT OF EMPLOYMENT	
	1964	1970	1976	1978	1970	1978		1964	1970	1976	1978	1970	1978
U.S.....	17,188	19,757	19,874	20,459	28.0	23.6	Mont.....	63	60	60	67	29.8	24.1
Ala. ¹	151	204	229	257	20.2	19.2	Neb. ¹	78	86	87	92	17.8	15.3
Alaska.....	21	25	50	43	26.9	26.2	Nev. ¹	49	66	69	80	32.5	22.9
Ariz. ¹	81	96	117	122	17.5	13.8	N.H.	44	45	43	48	17.3	13.3
Ark. ¹	112	95	102	109	17.8	15.0	N.J.	814	768	697	683	29.4	23.0
Calif.	1,888	2,137	2,148	2,184	30.8	23.7	N. Mex.	34	43	50	54	14.7	12.1
Colo.	124	152	175	172	20.5	15.2	N.Y.	2,507	2,555	2,538	2,753	35.7	39.2
Conn.	244	290	309	296	24.2	21.9	N.C. ¹	89	137	141	147	7.7	6.5
Del.	36	48	49	52	22.5	21.7	N. Dak. ¹	21	28	26	34	17.2	14.7
Fla. ¹	201	299	365	367	13.9	11.7	Ohio.....	1,148	1,413	1,289	1,294	36.4	29.5
Ga. ¹	150	251	261	271	16.1	13.6	Oka.	86	124	126	138	16.1	13.5
Hawaii.....	50	82	129	120	27.9	32.1	Oreg.	198	218	221	232	30.7	23.1
Idaho.....	32	38	41	47	18.3	14.3	Pa.	1,450	1,617	1,642	1,595	37.2	34.2
Ill.	1,394	1,548	1,451	1,497	35.8	31.5	R.I.	89	89	114	108	25.9	27.1
Ind.	522	657	621	643	35.5	29.3	S.C. ¹	52	81	68	76	9.6	6.7
Iowa ¹	150	186	192	212	21.1	19.2	S. Dak. ¹	14	21	21	24	11.9	10.3
Kans. ¹	109	112	125	117	16.5	12.8	Tenn. ¹	184	274	288	303	20.6	17.7
Ky.	187	250	275	274	27.5	22.4	Tex. ¹	370	523	563	575	14.4	11.0
La.	147	193	¹ 213	¹ 227	18.5	16.0	Utah ¹	58	75	62	68	20.9	13.0
Maine.....	57	61	67	74	18.4	18.3	Vt.	22	24	30	33	16.2	17.5
Md. ²	352	463	440	458	23.4	21.0	Va. ¹	179	245	252	258	16.7	12.7
Mass.....	572	733	570	611	25.1	24.4	Wash.	367	434	453	496	40.2	33.1
Mich.....	962	1,195	1,165	1,223	39.8	34.6	W. Va.	192	221	232	226	42.8	36.8
Minn.....	339	378	385	411	28.7	24.4	Wis.	400	482	506	522	31.5	27.8
Miss. ¹	53	76	87	103	13.2	12.4	Wyo. ¹	19	19	25	28	17.4	14.9
Mo.	546	594	572	578	35.7	30.0	Unallo- cated.....	181	108	133	60	(X)	(X)

X Not applicable. ¹ State has a right-to-work law. ² Includes District of Columbia.

Source: U.S. Bureau of Labor Statistics, *Directory of National and International Labor Unions in the United States, 1965*, and *Directory of National Unions and Employee Associations, 1971, 1977, and 1979*.

NO. 716. NATIONAL UNIONS—NUMBER AND MEMBERS, BY INDUSTRY: 1970 AND 1978

[See headnote, table 714. Excludes employee associations and local unions directly affiliated with the AFL-CIO]

INDUSTRY GROUP	NUMBER, ALL UNIONS ¹		NUMBER, AFL-CIO UNIONS ¹		MEMBERS, ALL UNIONS ² (1,000)		MEMBERS, AFL-CIO ² UNIONS (1,000)		PERCENT MEMBERS, 1978	
	1970	1978	1970	1978	1970	1978	1970	1978	All	AFL-CIO
	All unions.....	185	174	120	108	20,689	21,742	15,916	16,982	100.0	100.0
Manufacturing³.....	100	94	73	64	9,173	8,119	6,666	6,119	37.3	36.0
Food and kindred products ⁴	25	24	17	16	905	595	588	575	2.7	3.4
Tobacco manufactures.....	8	4	5	3	38	37	37	37	.2	.2
Textile mill products.....	10	11	4	7	191	156	177	149	.7	.9
Apparel and related products.....	16	15	11	11	852	683	836	667	3.1	3.9
Lumber and wood products ⁵	13	18	8	14	215	262	208	260	1.2	1.5
Furniture and fixtures.....	17	10	13	8	214	174	187	160	.8	.9
Paper and allied products.....	20	21	12	17	453	389	391	364	1.8	2.1
Printing, publishing, allied industries.....	18	18	15	13	370	281	357	270	1.3	1.6
Chemicals and allied products.....	26	25	19	15	362	219	151	201	1.0	1.2
Petroleum refining and related ind.....	12	13	7	10	79	77	69	73	.4	.4
Rubber and misc. plastics products.....	19	24	13	19	271	269	248	253	1.2	1.5
Leather and leather products.....	13	15	10	13	140	119	134	118	.5	.7
Stone, clay, glass, concrete products.....	22	22	17	19	284	293	234	277	1.3	1.6
Primary metals industries.....	16	13	11	12	787	774	667	688	3.6	4.1
Fabricated metal products.....	33	29	21	19	917	613	719	438	2.8	2.6
Machinery, except electrical.....	23	18	16	13	550	670	278	411	3.1	2.4
Electrical machinery equipment, supplies.....	19	15	11	8	1,033	715	793	492	3.3	2.9
Transportation equipment.....	21	13	15	10	1,109	1,110	291	306	5.1	1.8
Nonmanufacturing³.....	104	96	73	70	9,198	9,998	7,390	7,811	46.0	46.0
Mining and quarrying ⁶	15	14	8	10	368	428	154	149	2.0	.9
Contract construction ⁷	28	29	21	23	2,576	2,884	2,476	2,711	13.3	16.0
Transportation.....	44	31	34	26	2,441	1,748	1,425	1,254	8.0	7.4
Telephone and telegraph.....	10	7	7	6	533	547	483	547	2.5	3.2
Electric, gas, sanitary services.....	17	15	12	14	312	356	268	353	1.6	2.1
Wholesale and retail trade.....	24	21	15	13	1,549	1,713	1,315	1,059	7.9	6.2
Service industries.....	48	47	31	29	1,266	1,824	1,166	1,548	8.4	9.1
Government.....	60	62	34	39	2,318	3,626	1,860	3,052	16.7	18.0
Federal.....	56	51	31	30	1,370	1,586	927	1,179	7.3	6.9
State and local.....	19	47	16	30	948	2,030	933	1,873	9.3	11.0

¹ Nonadditive; many unions have membership in more than one industry group. ² Membership computed by applying reported percentages to total membership, including that outside the U.S. ³ Includes industries not shown separately. ⁴ Includes beverages. ⁵ Except furniture. ⁶ Includes crude petroleum and natural gas production. ⁷ Building and special trade.

Source: U.S. Bureau of Labor Statistics, *Directory of National Unions and Employee Associations, 1971 and 1979*.

NO. 717. LABOR UNIONS—FINANCIAL SUMMARY, BY TYPE OF UNION: 1966 TO 1978

[For fiscal years ending during year shown. Data from annual financial reports of labor organizations filed with Department of Labor under provisions of Labor-Management Reporting and Disclosure Act of 1959 (LMRDA) which covers substantially all labor unions in the United States, except those which are State or local central bodies. Classification by type is based mainly on union's self-classification in filed reports]

YEAR AND TYPE OF UNION	Total number of unions	NUMBER OF UNIONS, BY SIZE OF RECEIPTS					Assets (mil. dol.)	Liabilities (mil. dol.)	Re-ceipts (mil. dol.)	Dis-burse-ments (mil. dol.)
		Under \$10,000	\$10,000-\$49,999	\$50,000-\$99,999	\$100,000-\$999,999	\$1,000,000 and over				
1966, total.....	52,272	32,617	13,151	3,074	3,239	191	2,157	143	(1)	(1)
National unions.....	207	21	22	16	62	86	995	47	728	695
Intermediate bodies.....	2,729	1,376	853	235	245	20	147	21	190	184
Local unions.....	49,336	31,220	12,276	2,823	2,932	85	1,015	75	1,299	1,250
1970, total.....	49,345	29,245	13,031	3,021	3,777	271	2,574	254	(1)	(1)
National unions.....	210	23	27	15	54	91	1,063	127	1,380	1,344
Intermediate bodies.....	2,596	1,200	728	275	351	42	199	23	260	252
Local unions.....	46,539	28,022	12,276	2,731	3,372	138	1,312	104	1,857	1,804
1975, total³.....	56,628	36,024	11,844	3,397	4,893	470	3,844	563	(1)	(1)
National unions.....	211	15	18	16	56	106	1,757	383	1,820	1,829
Intermediate bodies.....	2,844	1,414	627	250	478	75	276	50	432	436
Local unions.....	53,573	34,595	11,199	3,131	4,359	289	1,811	130	2,728	2,329
1978, total,² (prel).....	48,677	29,353	10,636	3,371	4,977	540	3,903	638	(1)	(1)
National unions.....	185	17	10	12	50	96	1,843	427	2,151	2,099
Intermediate bodies.....	2,438	1,067	555	260	470	86	240	43	432	410
Local unions ³	46,254	28,269	10,071	3,099	4,457	358	1,820	168	2,524	2,432

¹ Components not additive; contain duplication. ² Includes Postal Employee Union. ³ Includes approximately 8,860 unions in 1978, which have no receipts, disbursements, assets or liabilities.

Source: U.S. Office of Labor-Management Standards Enforcement, *Union Financial Statistics, 1960-1970*, and unpublished data.

NO. 718. WORK STOPPAGES: 1960 TO 1978

[Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Information obtained directly from companies and unions involved as well as from various Government labor boards, conciliation services, and other neutral parties. See also *Historical Statistics, Colonial Times to 1970*, series D 970-976]

YEAR	WORK STOPPAGES		WORKERS INVOLVED		WORKER-DAYS IDLE DURING YEAR		
	Number beginning in year	Average duration (calendar days)	Number ¹ (1,000)	Percent of total employed ²	Number (1,000)	Percent of estimated working time ³	Per worker involved
1960.....	3,333	23.4	1,320	2.4	19,100	.14	14.5
1965.....	3,963	25.0	1,550	2.5	23,300	.15	15.1
1967.....	4,595	22.9	2,870	4.3	42,100	.25	14.7
1968.....	5,045	24.5	2,649	3.8	49,018	.28	18.5
1969.....	5,700	22.5	2,481	3.5	42,869	.24	17.3
1970.....	5,716	25.0	3,305	4.7	66,414	.37	20.1
1971.....	5,138	27.0	3,280	4.6	47,589	.26	14.5
1972.....	5,010	24.0	1,714	2.3	27,066	.15	15.8
1973.....	5,353	24.0	2,251	2.9	27,948	.14	12.4
1974.....	6,074	27.1	2,778	3.5	47,991	.24	17.3
1975.....	5,031	26.8	1,746	2.2	31,237	.16	17.9
1976.....	5,648	28.0	2,420	3.0	37,859	.19	15.6
1977.....	5,506	29.3	2,040	2.4	35,822	.17	17.6
1978.....	4,230	33.2	1,623	1.9	36,922	.17	22.8

¹Workers counted more than once if involved in more than 1 stoppage during year. ²In 1967, total employed workers was redefined to coincide with U.S. Bureau of Labor Statistics figures for nonagricultural employment, plus agricultural wage and salaried workers. Idleness computed on this basis is lower than the former series.

³Estimated working time computed by multiplying average number of employed workers (see footnote 2) by number of days worked by most employees.

Source: U.S. Bureau of Labor Statistics, *Analysis of Work Stoppages*, annual.

NO. 719. WORK STOPPAGES, BY STATES: 1977 AND 1978

[See headnote, table 718. Work stoppages affecting more than 1 State are counted as separate stoppages in each State affected, and workers involved and days idle are allocated among the appropriate States]

STATE	WORK STOPPAGES		WORKERS INVOLVED ¹ (1,000)		DAYS IDLE DURING YEAR (1,000)		STATE	WORK STOPPAGES		WORKERS INVOLVED ¹ (1,000)		DAYS IDLE DURING YEAR (1,000)	
	1977	1978	1977	1978	1977	1978		1977	1978	1977	1978	1977	1978
U.S.	5,506	4,230	2,040	1,623	35,822	36,923	So. Atl.—Con.						
							Va.....	147	69	62	35	755	1,291
							N. Va.....	445	142	240	96	2,549	3,393
							N.C.....	22	31	7	12	141	125
							S.C.....	5	21	1	10	15	69
							Ga.....	58	40	23	24	546	203
							Fla.....	56	50	11	20	429	228
							E. So. Cent.:						
							Ky.....	164	102	70	63	1,221	2,093
							Tenn.....	98	91	24	40	863	749
							Ala.....	138	69	65	22	1,059	1,069
							Miss.....	22	29	4	12	133	202
							W. So. Cent.:						
							Ark.....	24	28	4	9	70	121
							La.....	26	38	7	21	141	236
							Okla.....	40	23	4	10	103	262
							Tex.....	107	91	40	52	1,084	636
							Mt.:						
							Mont.....	29	19	10	8	117	56
							Idaho.....	13	15	4	5	189	41
							Wyo.....	2	5	(z)	9	92	125
							Colo.....	47	37	8	17	185	186
							N. Mex.....	17	21	4	9	55	224
							Ariz.....	27	31	14	20	304	318
							Utah.....	20	11	11	5	205	205
							Nev.....	18	11	6	3	82	44
							Pac.:						
							Wash.....	111	94	61	41	1,417	1,471
							Oreg.....	78	44	24	20	359	570
							Calif.....	409	296	144	124	2,911	2,295
							Alaska.....	11	12	3	2	102	58
							Hawaii.....	8	18	15	12	666	100
							So. Atl.:						
							Del.....	20	23	4	9	41	139
							Md.....	43	46	12	14	126	231
							D.C.....	14	26	2	6	35	64
							W. No. Cent.:						
							Minn.....	100	91	22	35	1,366	775
							Iowa.....	98	47	30	13	166	
							Mo.....	148	92	43	39	869	701
							N. Dak.....	5	5	1	3	11	17
							S. Dak.....	7	3	1	1	45	7
							Nebr.....	16	14	4	14	390	79
							Kans.....	28	21	8	15	176	120
							Mid. Atl.:						
							N.Y.....	370	328	67	111	1,060	2,084
							N.J.....	212	219	39	51	790	556
							Pa.....	620	480	229	155	3,113	4,064
							E. No. Cent.:						
							Ohio.....	556	441	219	141	3,574	3,757
							Ind.....	234	211	95	62	1,612	1,497
							Ill.....	420	341	197	136	2,246	3,037
							Mich.....	327	300	98	94	1,717	1,757
							Wis.....	119	110	59	28	1,132	573

Z Fewer than 500.

¹Workers counted more than once if involved in more than 1 stoppage during year.

Source: U.S. Bureau of Labor Statistics, *Analysis of Work Stoppages*, annual.

NO. 720. WORK STOPPAGES—MAJOR ISSUES, DURATION, AND INDUSTRY: 1976 TO 1978

[Issues and industries data based on stoppages beginning in year; duration data on stoppages ending in year. See headnote, table 718. Stoppages affecting more than 1 industry are counted separately in each industry affected; workers involved and work-days idle are allocated among the appropriate industries. See *Historical Statistics, Colonial Times to 1970*, series D 977-1021, for related but not comparable data]

MAJOR ISSUES, DURATION, AND INDUSTRY GROUP	WORK STOPPAGES			WORKERS INVOLVED ¹ (1,000)			WORK DAYS IDLE (1,000)		
	1976	1977	1978	1976	1977	1978	1976	1977	1978
MAJOR ISSUES									
All Issues	5,648	5,506	4,230	2,420	2,040	1,623	37,859	35,822	36,922
General wage changes.....	2,857	3,135	2,751	1,211	900	836	23,779	21,695	19,341
Supplementary benefits.....	53	78	62	10	23	19	189	454	272
Wage adjustments.....	142	141	128	52	65	59	562	1,625	581
Hours of work.....	6	15	16	2	3	5	57	85	261
Other contractual matters.....	142	276	199	19	72	40	338	1,351	721
Union organization and security.....	325	252	272	127	41	39	2,455	955	762
Job security.....	317	211	127	402	100	389	7,187	1,709	4,027
Plant administration.....	1,290	1,002	506	489	687	172	2,777	7,249	10,612
Other working conditions.....	185	137	56	50	63	31	178	339	182
Interunion or intraunion matters.....	285	246	100	55	77	33	288	335	152
Not reported.....	46	13	13	3	1	1	50	25	9
DURATION									
All stoppages	5,654	5,535	4,250	2,421	1,860	1,780	38,107	31,905	39,752
1 day.....	1,113	730	383	342	173	97	342	173	97
2-3 days.....	672	617	366	464	184	105	995	351	219
4-6 days.....	564	549	446	227	200	239	682	706	841
7-14 days.....	893	975	792	332	307	276	2,254	1,957	1,812
15-29 days.....	842	1,014	858	309	354	198	3,683	4,864	2,892
30-59 days.....	769	885	706	321	335	177	6,857	7,698	5,027
60-89 days.....	370	350	308	285	123	415	8,501	5,147	6,386
90 days and over.....	451	415	391	160	184	274	14,793	11,010	22,479
INDUSTRY GROUP									
All industries	5,648	5,506	4,230	2,420	2,040	1,623	37,859	35,822	36,922
Manufacturing									
Ordnance and accessories.....	1	3	3	1	2	2	42	46	86
Food and kindred products.....	227	221	171	90	54	33	1,848	1,501	558
Tobacco manufactures.....	1	6	2	(2)	7	(2)	3	168	1
Textile mill products.....	36	40	41	8	4	14	115	86	341
Apparel and other finished products, etc.....	47	65	40	12	10	6	231	189	137
Lumber, wood products (exc. furniture).....	69	78	69	11	20	13	429	341	271
Furniture and fixtures.....	73	93	60	10	11	9	267	203	297
Paper and allied products.....	95	82	102	23	24	40	479	508	2,178
Printing, publishing, and allied industries.....	54	57	37	13	10	25	225	241	794
Chemicals and allied products.....	129	111	113	29	19	17	1,117	636	633
Petroleum refining and related industries.....	17	23	21	1	6	6	19	172	86
Rubber and misc. plastics products.....	120	88	89	93	15	17	6,082	343	362
Leather and leather products.....	12	19	8	3	7	2	55	259	43
Stone, clay, and glass products.....	146	139	133	28	45	20	613	988	469
Primary metal industries.....	197	239	187	55	91	45	1,304	2,167	1,378
Fabricated metal products ²	309	354	360	64	57	60	1,632	1,466	1,683
Machinery (except electrical).....	309	451	277	145	140	84	2,722	3,267	2,160
Electrical machinery, equip., and supplies.....	204	199	190	135	76	79	2,236	1,076	1,210
Transportation equipment.....	130	189	149	238	172	82	4,323	4,176	2,447
Instruments and related products.....	29	39	33	5	9	10	128	216	290
Miscellaneous manufacturing industries.....	60	48	36	11	10	6	394	288	176
Nonmanufacturing									
Agriculture, forestry, and fisheries.....	3,406	2,970	2,110	1,446	1,252	1,055	13,596	17,486	21,320
Mining.....	10	10	14	2	1	2	14	24	35
Contract construction.....	1,425	999	275	515	678	114	2,220	7,281	10,261
Transportation, communication, etc.....	503	486	385	172	218	169	3,240	3,284	2,272
Wholesale and retail trade.....	354	303	259	386	56	395	3,461	2,157	4,453
Finance, insurance, real estate.....	487	486	445	56	86	117	1,311	1,988	1,758
Services—personal, business, etc.....	27	23	21	25	3	7	273	97	133
Government.....	243	250	232	107	42	56	1,384	890	701
	378	413	481	181	170	194	1,691	1,766	1,707

Z Fewer than 500. ¹ See footnote 1, table 718.

² Except ordnance, machinery, and transportation equipment.

Source: U.S. Bureau of Labor Statistics, *Analysis of Work Stoppages*, annual.

No. 721. STATE AND LOCAL GOVERNMENTS—FULL-TIME EMPLOYMENT, ORGANIZED EMPLOYEES, AND WORK STOPPAGES, 1975 TO 1978, AND BY FUNCTION, 1978

[For October, except as noted]

ITEM	1975, total	1976, total	1977, total	1978								
				Total ¹	Education			High-ways	Hos-pitals	Police and fire pro-tection	Pub-lic wel-fare	
					Total	In-struc-tional	Other					
Full-time employees (1,000):												
Total.....	9,397	9,514	9,861	9,948	4,676	3,040	1,636	545	979	760	352	
State.....	2,540	2,596	2,677	2,736	852	288	564	257	516	71	167	
Local.....	6,857	6,919	7,185	7,212	3,825	2,752	1,072	287	464	690	185	
Membership in employee organizations (1,000):²												
Total.....	4,702	4,737	4,711	4,788	2,610	1,988	622	242	375	452	144	
Percent of full-time em- ployees.....	49.9	48.5	47.8	48.1	55.8	65.4	38.0	44.4	38.3	59.4	40.9	
State.....	1,005	992	1,009	1,043	246	102	144	134	245	34	64	
Local.....	3,697	3,745	3,701	3,745	2,364	1,886	478	108	130	417	80	
Work stoppages (number):^{3 4}												
Total.....	490	377	485	488	360	207	153	56	17	64	17	
State.....	36	27	33	27	13	5	8	1	6	2	2	
Local.....	454	350	452	461	347	202	145	55	11	62	15	
Employees involved in work stoppages (1,000):³												
Total.....	316	167	179	178	117	87	30	4	3	11	4	
State.....	71	28	35	10	6	2	4	-	1	-	-	
Local.....	245	139	144	169	110	84	26	4	2	11	4	
Days of idleness (1,000):³												
Total.....	2,421	1,654	1,458	3,542	1,904	1,599	1,158	398	77	366	233	
State.....	290	124	184	151	84	37	79	1	12	2	4	
Local.....	2,130	1,529	1,274	3,391	1,820	1,562	1,079	397	65	364	229	

- Represents zero. ¹ Includes other functions, not shown separately. ² Full-time employees only. ³ Represents period from October 16 of previous year to October 15 of year stated. ⁴ Contains duplication; each work stoppage is counted separately for each function affected, but only once in the total work stoppages.

Source: U.S. Bureau of the Census, *Labor-Management Relations in State and Local Governments: 1975, 1976, and 1978*, series GSS Nos. 81, 88, and 95, 1977 *Census of Governments*, vol. 3, No. 3.

No. 722. WORKERS KILLED OR DISABLED ON THE JOB, 1945 TO 1978, AND BY INDUSTRY GROUP, 1978

[Estimates based on data from U.S. National Center for Health Statistics, State departments of health, and State industrial commissions. Numbers of workers based on data from U.S. Bureau of Labor Statistics]

YEAR	DEATHS						Dis-abling in-juries ² (1,000)	YEAR AND INDUSTRY GROUP	DEATHS			
	Total		Manufacturing		Nonmanufac-turing				Num-ber (1,000)	Rate ¹	Dis-abling in-juries ² (1,000)	
	Num-ber (1,000)	Rate ¹	Num-ber (1,000)	Rate ¹	Num-ber (1,000)	Rate ¹						
1945.....	16.5	33	2.7	18	13.8	39	2,000	1978, total	13.0	14	2,200	
1950.....	15.5	27	2.6	17	12.9	31	1,950					
1955.....	14.2	24	2.0	12	12.2	29	1,950		Trade.....	1.3	6	400
1960.....	13.8	21	1.8	10	12.1	25	1,950		Manufacturing.....	1.8	9	490
1965.....	14.1	20	1.8	10	12.3	24	2,100		Service.....	1.7	7	360
1970.....	13.8	17	1.7	9	12.1	20	2,200		Government.....	1.7	11	310
1971.....	13.7	17	1.7	9	12.0	20	2,300		Transportation and utilities.....	1.5	29	170
1972.....	14.0	17	1.7	9	12.3	19	2,400	Agriculture.....	1.9	54	190	
1973.....	14.3	17	1.8	9	12.5	19	2,500	Construction.....	2.6	57	240	
1974.....	13.5	16	1.7	8	11.8	18	2,300	Mining and quarrying.....	.5	63	40	
1975.....	13.0	15	1.6	9	11.4	17	2,200					
1976.....	12.5	14	1.7	9	10.8	16	2,200					
1977.....	12.9	14	1.8	9	11.1	16	2,300					
1978.....	13.0	14	1.8	9	11.2	15	2,200					

¹ Per 100,000 workers. ² Disabling injury defined as one which results in death, some degree of physical impairment, or renders the person unable to perform regular activities for a full day beyond the day of the injury.

Source: National Safety Council, Chicago, Ill., *Accident Facts*, annual.

**NO. 723. OCCUPATIONAL INJURY AND ILLNESS INCIDENCE RATES, SELECTED INDUSTRIES: 1975
TO 1978**

[Rates per 100 full-time employees. For nonfarm employment data, see table 692. Rates refer to any occupational injury or illness resulting in (1) fatalities, (2) lost workday cases, or (3) nonfatal cases without lost workdays. Incidence rates were calculated as: Number of injuries and illnesses or lost workdays multiplied by 200,000 as base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks a year) divided by total hours worked by all employees during year. Based on the 1972 *Standard Industrial Classification Manual*]

INDUSTRY	TOTAL CASES ¹			LOST WORKDAY CASES			NONFATAL CASES, NO LOST WORKDAYS			LOST WORKDAYS		
	1975	1977	1978	1975	1977	1978	1975	1977	1978	1975	1977	1978
Private sector²	9.1	9.3	9.4	3.3	3.8	4.1	5.8	5.5	5.3	56.2	61.8	63.5
Agriculture, forestry, fishing²	10.5	11.5	11.6	4.4	5.1	5.4	6.0	6.3	6.2	70.9	81.1	80.7
Mining	11.0	10.9	11.5	5.6	6.0	6.4	5.4	4.9	5.0	110.6	128.8	143.2
Metal mining.....	6.5	7.4	10.0	4.4	4.5	5.4	2.1	2.8	4.6	69.2	83.9	113.9
Anthracite mining.....	28.4	21.6	19.6	10.2	10.6	11.5	18.1	10.6	8.0	211.3	237.6	310.5
Bituminous coal and lignite.....	10.8	12.4	10.1	6.4	7.8	7.3	4.3	4.5	2.7	101.5	167.1	170.3
Oil and gas extraction.....	14.0	12.9	13.9	6.2	6.3	6.9	7.7	6.5	6.9	149.1	143.7	154.4
Nonmetallic minerals exc. fuels.....	6.0	5.1	6.9	3.5	3.3	4.1	2.4	1.8	2.7	45.6	58.0	88.0
Construction	15.9	15.5	16.0	5.5	5.9	6.4	10.4	9.6	9.6	100.2	111.5	109.4
General building contractors.....	15.5	15.0	15.9	5.3	5.7	6.3	10.2	9.3	9.6	91.7	100.2	105.3
Heavy construction contractors.....	17.1	16.0	16.6	5.9	5.7	6.2	11.2	10.2	10.3	113.6	116.7	110.9
Special trade contractors.....	15.5	15.6	15.8	5.4	6.1	6.6	10.1	9.5	9.2	98.7	115.5	111.0
Manufacturing	13.0	13.1	13.2	4.5	5.1	5.6	8.5	8.0	7.8	75.8	82.3	84.9
Durable goods.....	14.2	14.0	14.2	4.8	5.4	5.9	9.4	8.6	8.3	81.1	86.4	89.1
Lumber and wood products.....	21.0	22.3	22.6	8.5	10.4	11.1	12.5	11.9	11.5	156.7	178.0	178.8
Furniture and fixtures.....	15.9	17.2	17.5	5.1	6.0	6.9	10.8	11.2	10.6	80.8	92.0	95.9
Stone, clay, and glass products.....	16.0	16.9	16.8	5.9	6.9	7.8	10.1	9.9	9.0	108.5	120.4	128.3
Primary metal industries.....	17.0	16.2	17.0	6.1	6.8	7.5	10.9	9.4	9.5	114.3	119.4	123.6
Fabricated metal products.....	19.1	19.1	19.3	6.6	7.2	8.0	12.5	11.9	11.3	104.3	109.0	112.4
Machinery, exc. electric.....	14.9	14.0	14.4	4.6	4.7	5.4	10.3	9.3	9.0	68.9	69.9	75.1
Electric and electronic equipment.....	8.5	8.6	8.7	2.5	3.0	3.3	6.0	5.6	5.4	41.9	46.7	50.3
Transportation equipment.....	12.4	11.8	11.5	4.5	5.0	5.1	8.0	6.8	6.3	76.5	79.3	78.0
Instruments and related products.....	6.9	7.0	6.9	2.1	2.4	2.6	4.8	4.6	4.3	36.7	37.4	37.0
Miscellaneous.....	11.3	11.5	11.8	3.6	4.0	4.5	7.7	7.5	7.3	58.0	58.7	66.4
Nondurable goods.....	11.4	11.8	11.8	4.1	4.7	5.0	8.8	7.1	6.8	66.7	76.3	78.4
Food and kindred products.....	18.3	19.5	19.4	7.3	8.5	8.9	11.0	11.0	10.5	113.6	130.1	132.2
Tobacco manufactures.....	10.3	9.1	8.7	3.9	3.8	4.0	6.4	5.3	4.6	56.4	66.7	58.6
Textile mill products.....	10.2	10.2	10.2	2.3	2.9	3.4	7.7	7.3	6.9	48.9	57.4	61.5
Apparel and other textile products.....	6.0	6.7	6.5	1.6	2.0	2.2	4.3	4.7	4.3	27.5	31.7	32.4
Paper and allied products.....	13.3	13.6	13.5	4.1	5.0	5.7	9.1	8.5	7.8	85.6	101.6	103.3
Printing and publishing.....	6.7	6.8	7.0	2.4	2.7	2.9	4.3	4.1	4.1	38.7	41.7	43.8
Chemicals and allied products.....	8.4	8.0	7.8	2.9	3.1	3.3	5.5	4.9	4.5	48.9	51.4	50.9
Petroleum and coal products.....	9.0	8.1	7.9	3.1	3.3	3.4	5.8	4.8	4.5	65.3	59.2	58.3
Rubber and misc. plastics products.....	15.7	16.8	17.1	6.7	7.6	8.1	9.0	9.1	9.0	113.3	118.1	125.5
Leather and leather products.....	11.2	11.5	11.7	3.8	4.4	4.7	7.4	7.1	6.9	55.3	68.9	72.5
Transportation, public utilities	9.4	9.7	10.1	4.7	5.3	5.7	4.7	4.3	4.3	88.9	95.9	102.3
Railroad transportation.....	8.5	10.8	12.0	4.9	6.6	7.6	3.6	4.2	4.3	78.3	89.4	96.6
Local passenger transit ³	8.4	8.4	8.7	4.2	4.6	4.7	4.1	3.7	4.0	80.8	92.1	84.9
Trucking and warehousing.....	14.8	15.0	16.2	7.5	8.3	9.4	7.2	6.6	6.8	144.9	158.9	177.1
Water transportation.....	15.8	14.4	14.4	8.2	7.4	7.8	7.6	6.9	6.6	294.1	292.5	272.1
Air transportation.....	14.9	14.0	13.4	7.4	8.0	8.4	7.5	5.9	4.9	84.7	97.2	95.8
Pipelines, except natural gas.....	4.7	5.0	4.7	1.6	2.0	1.9	3.0	3.0	2.8	79.3	32.4	29.3
Transportation services.....	6.2	5.5	5.5	2.9	2.5	2.7	3.3	3.0	2.8	53.9	39.5	41.7
Communication.....	3.0	2.8	2.7	1.5	1.6	1.5	1.5	1.2	1.2	31.9	30.2	28.7
Electric, gas, sanitary services.....	9.3	9.0	9.0	3.7	4.2	4.4	5.6	4.8	4.6	68.5	69.0	76.5
Wholesale and retail trade	7.3	7.7	7.9	2.6	2.9	3.2	4.7	4.8	4.7	39.5	44.0	44.9
Wholesale trade.....	8.2	6.5	6.9	3.2	3.6	3.9	5.0	4.9	5.0	49.5	52.5	57.5
Retail trade.....	7.0	7.4	7.5	2.4	2.7	2.8	4.6	4.7	4.7	35.2	40.5	39.7
Finance, insurance, real estate⁴	2.2	2.0	2.1	.8	.8	.8	1.4	1.2	1.2	10.8	10.4	12.5
Banking.....	1.8	1.5	1.5	.6	.6	.6	1.2	.9	.9	9.0	8.6	7.4
Security, commodity brokers.....	1.0	1.1	.8	.4	.5	.3	.6	.6	.5	5.5	4.0	4.6
Insurance carriers.....	1.7	1.7	1.9	.6	.7	.7	1.1	1.0	1.2	8.2	8.6	12.1
Real estate.....	5.0	4.7	4.9	1.9	2.0	2.2	3.1	2.6	2.6	28.7	28.7	33.6
Services⁴	5.5	5.9	5.5	2.0	2.2	2.4	3.5	3.3	3.1	32.6	35.4	36.2
Hotels and other lodgings.....	8.2	6.9	9.2	2.6	3.2	3.6	5.6	5.7	5.6	45.0	47.3	51.5
Personal services.....	3.3	3.6	3.5	1.3	1.6	1.5	2.0	2.0	1.9	20.8	29.8	28.1
Business services.....	5.0	4.8	4.9	2.0	2.0	2.2	3.0	2.8	2.7	32.9	31.9	34.9
Auto repair, services, and garages.....	8.0	7.6	8.2	3.4	3.1	3.4	5.6	4.5	4.8	66.1	43.5	42.2
Amusement, recreation services.....	8.6	10.1	8.4	2.8	4.9	3.7	5.7	5.1	4.7	40.0	56.4	46.7
Health services.....	6.8	6.9	6.8	2.5	2.8	3.0	4.3	4.1	3.7	40.3	46.7	48.1
Educational services.....	3.5	3.2	3.2	1.4	1.2	1.3	2.0	2.0	1.9	20.7	20.3	19.5
Membership organizations.....	3.0	(s)	(s)	1.1	(s)	(s)	1.9	(s)	(s)	17.6	(s)	(s)
Miscellaneous services.....	2.3	2.2	1.9	.7	.9	.7	1.6	1.3	1.2	8.8	15.2	10.3

S Data do not meet publication guidelines. ¹ "Cases" represents occurrences. Includes fatalities for all employees. For employers with 11 or more employees, following are the estimated fatalities: for 1975, 4,570; 1977, 4,760; 1978, 4,590. ² Excludes farms with fewer than 11 employees. ³ Includes interurban. ⁴ Includes categories not shown separately.

Source: U.S. Bureau of Labor Statistics. *Occupational injuries and illnesses in the United States by industry, annual.*