

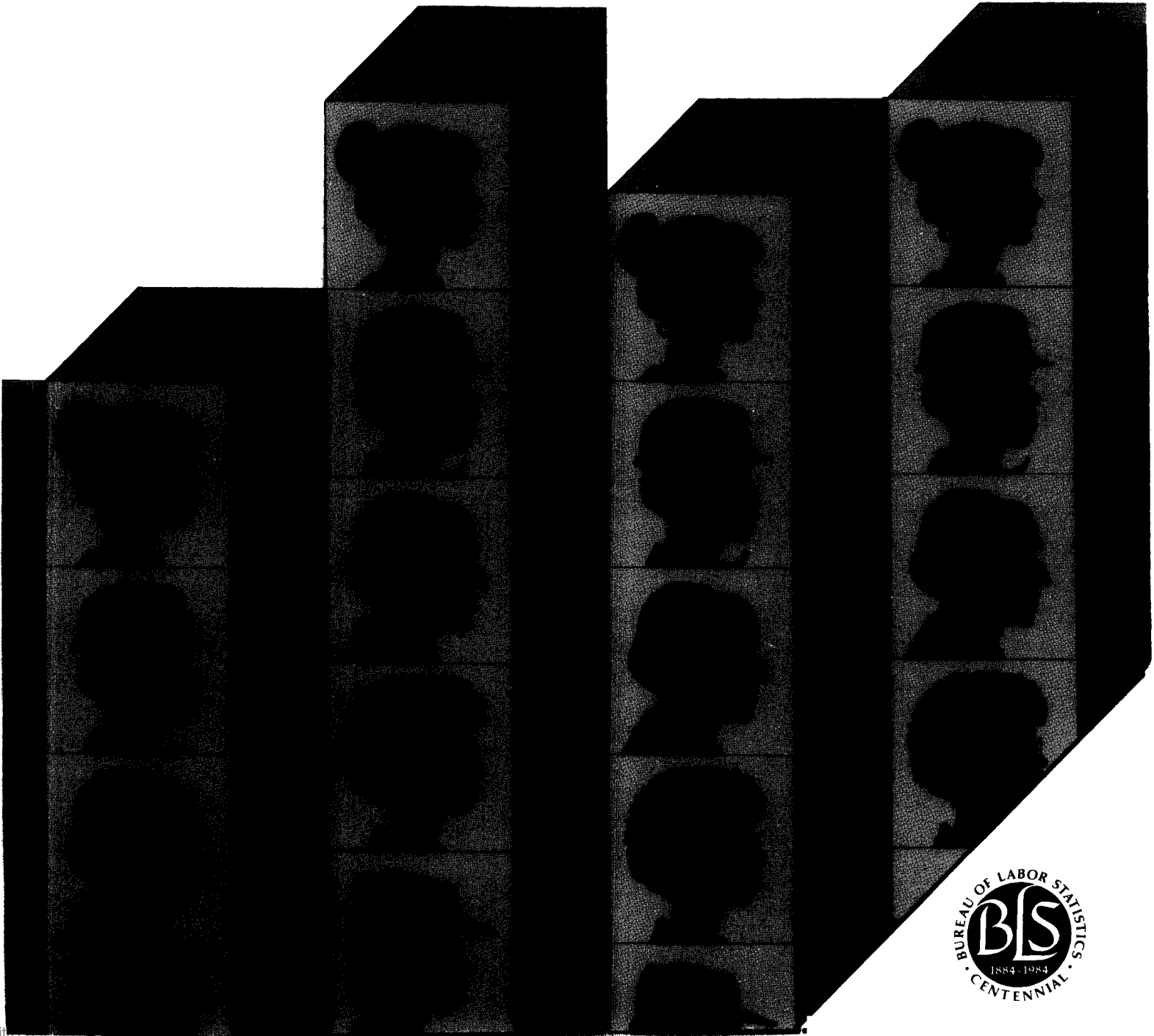


EMPLOYMENT AND EARNINGS

February 1984

U.S. Department of Labor  
Bureau of Labor Statistics

In this issue:  
Revised seasonally adjusted labor force series





**U.S. DEPARTMENT OF LABOR**  
Raymond J. Donovan, Secretary

**BUREAU OF LABOR STATISTICS**  
Janet L. Norwood, Commissioner

*Employment and Earnings* is prepared by the Division of Data Development and Users' Services and the Division of Monthly Industry Employment Statistics in collaboration with the Division of Special Publications. The data are collected by the Bureau of the Census (Department of Commerce), State employment security agencies, and State departments of labor in cooperation with the Bureau of Labor Statistics. A brief description of the cooperative statistical programs of the BLS with these agencies is presented in the Explanatory Notes. The State agencies are listed on the inside back cover.

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## Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings* special features appear in most of the issues as shown below:

### Household data

Annual averages	Jan.
Revised seasonally adjusted series	Jan., Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.

### Establishment data

National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail (final)	Mar.
Women employees detail (final)	Mar.
National data revised to reflect new benchmarks and new seasonal factors	June <sup>1</sup>
Revised historical national data	Supplement <sup>2</sup>
State and area annual averages	May
Area definitions	May

### State and area unemployment data

Annual averages	May
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<sup>1</sup> Issue varies. Latest revised data introduced June 1983.

<sup>2</sup> Month of publication varies. The latest supplement was published in July 1983.

# Employment and Earnings

Vol. 31 No. 2 February 1984

Editors: Gloria Peterson Green, Rosalie K. Epstein

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## Contents

	<i>Page</i>
List of statistical tables .....	2
Employment and unemployment developments, January 1984 .....	5
Statistical tables:	
<b>Not seasonally adjusted—</b>	
Household data .....	10
Establishment data:	
Employment .....	46
Hours and earnings .....	79
State and area unemployment data .....	109
<b>Seasonally adjusted—</b>	
Household data .....	37
Establishment data:	
Employment .....	62
Hours and earnings .....	99
Productivity .....	101
<b>Revised seasonally adjusted labor force series .....</b>	<b>116</b>
Explanatory notes .....	169

# MONTHLY HOUSEHOLD DATA

Page

## Employment Status

A- 1.	Employment status of the noninstitutional population 16 years and over, 1951 to date . . . . .	7
A- 2.	Employment status of the noninstitutional population 16 years and over by sex, 1973 to date . . . . .	8
A- 3.	Employment status of the civilian noninstitutional population 16 years and over, 1951, to date . . . . .	9
A- 4.	Employment status of the civilian noninstitutional population by age, sex, and race . . . . .	10
A- 5.	Employment status of the black-and-other civilian noninstitutional population by sex and age . . . . .	13
A- 6.	Employment status of the civilian noninstitutional population by race, sex, and age . . . . .	14
A- 7.	Employment status of the civilian noninstitutional population 16 to 21 years of age by major activity, sex, and race . . . . .	15
A- 8.	Employment status of male Vietnam-era veterans and nonveterans by age . . . . .	16
A- 9.	Full-and part-time status of the civilian labor force by sex, age, and race . . . . .	17
A-10.	Employment status of persons in families by family relationship . . . . .	18

## Characteristics of the Unemployed

A-11.	Unemployed persons by marital status, race, age, and sex . . . . .	19
A-12.	Unemployed persons by occupation and sex . . . . .	20
A-13.	Unemployed persons by industry and sex . . . . .	21
A-14.	Unemployed persons by reason for unemployment, sex, and race . . . . .	22
A-15.	Unemployed persons by reason for unemployment, sex, age, and duration of unemployment . . . . .	23
A-16.	Unemployed persons by duration of unemployment . . . . .	23
A-17.	Unemployed persons by sex, age, marital status, and duration of unemployment . . . . .	24
A-18.	Unemployed persons by occupation, industry, and duration of unemployment . . . . .	25
A-19.	Unemployed jobseekers by sex, age, race, and jobsearch methods used . . . . .	26
A-20.	Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used . . . . .	27

## Characteristics of the Employed

A-21.	Employed civilians in agriculture and nonagricultural industries by age and sex . . . . .	28
A-22.	Employed civilians by occupation, sex, and age . . . . .	29
A-23.	Employed civilians by occupation, race, and sex . . . . .	30
A-24.	Employed civilians by age, sex, and class of worker . . . . .	31
A-25.	Employed civilians by industry and occupation . . . . .	32
A-26.	Employed civilians with a job but not at work by reason, sex, and pay status . . . . .	32
A-27.	Persons at work by hours of work and type of industry . . . . .	33
A-28.	Persons at work 1 to 34 hours by reason for working less than 35 hours, type of industry, and usual status . . . . .	33
A-29.	Persons at work in nonagricultural industries by class of worker and full- or part-time status . . . . .	34
A-30.	Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status . . . . .	35
A-31.	Persons at work in nonfarm occupations by sex and full- or part-time status . . . . .	36

## Seasonally Adjusted Employment and Unemployment Data

A-32.	Employment status of the noninstitutional population, including Armed Forces stationed in the United States, by sex, seasonally adjusted . . . . .	37
A-33.	Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted . . . . .	38
A-34.	Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted . . . . .	39
A-35.	Employed civilians by selected social and economic categories, seasonally adjusted . . . . .	40
A-36.	Employed civilians by sex and age, seasonally adjusted . . . . .	41
A-37.	Unemployed persons by sex and age, seasonally adjusted . . . . .	41
A-38.	Unemployment rates by sex and age, seasonally adjusted . . . . .	42
A-39.	Selected unemployment indicators, seasonally adjusted . . . . .	42
A-40.	Unemployed persons by duration of unemployment, seasonally adjusted . . . . .	43
A-41.	Unemployed persons by reason for unemployment, seasonally adjusted . . . . .	43

# MONTHLY ESTABLISHMENT DATA

Page

## Employment—National

B- 1.	Employees on nonagricultural payrolls by industry division, 1933 to date . . . . .	45
B- 2.	Employees on nonagricultural payrolls by industry . . . . .	46
B- 3.	Women employees on nonagricultural payrolls by industry . . . . .	55
B- 4.	Employees on nonagricultural payrolls by industry, seasonally adjusted . . . . .	62
B- 5.	Women employees on nonagricultural payrolls by industry, seasonally adjusted . . . . .	63
B- 6.	Production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted . . . . .	64
B- 7.	Indexes of diffusion: Percent of industries in which employment increased . . . . .	65

## Employment—State and Area

B- 8.	Employees on nonagricultural payrolls for States and selected areas by industry division . . . . .	66
-------	--	----

## Hours and Earnings—National

C- 1.	Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls by industry division, 1963 to date . . . . .	79
C- 2.	Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls by industry . . . . .	80
C- 3.	Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry . . . . .	96
C- 4.	Gross average weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, in current and constant (1977) dollars . . . . .	96
C- 5.	Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers on private nonagricultural payrolls . . . . .	97
C- 6.	Average weekly hours of production or nonsupervisory workers on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted . . . . .	99
C- 7.	Indexes of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted . . . . .	100
C- 8.	Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted . . . . .	101
C- 9.	Hours of wage and salary workers in nonagricultural establishments by industry division . . . . .	101
C-10.	Indexes of output and compensation per hour, unit costs, and prices, business sector, seasonally adjusted . . . . .	102
C-11.	Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, business sector, seasonally adjusted at annual rate . . . . .	103

## Hours and Earnings—State and Area

C-12.	Gross hours and earnings of production workers on manufacturing payrolls by State and selected areas . . . . .	104
-------	--	-----

# MONTHLY STATE AND AREA UNEMPLOYMENT DATA

D- 1.	Labor force and unemployment by State and selected metropolitan areas . . . . .	109
-------	---	-----

# REVISED MONTHLY HOUSEHOLD DATA

*Page*

## **Revised Seasonally Adjusted Labor Force Series**

1. Labor force by sex, age, race, Hispanic origin, marital status, and full- or part-time status . . . . .	116
2. Labor force participation rates by sex, age, race, and Hispanic origin . . . . .	124
3. Employed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status . . . . .	131
4. Employed civilian in agricultural and nonagricultural industries by selected characteristics . . . . .	139
5. Employment-population ratios by sex, age, race, and Hispanic origin . . . . .	142
6. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status . . . . .	149
7. Unemployed persons by reason for and duration of unemployment . . . . .	157
8. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status . . . . .	159
9. Unemployment rates for wage and salary workers by industry . . . . .	167

# Employment and Unemployment Developments, January 1984

The employment situation continued to improve in January. Both the overall unemployment rate, at 7.9 percent, and the rate for civilian workers, at 8.0 percent, were down two-tenths of a percentage point from December, sustaining the decline that has totaled 2.7 percentage points since the 1982 recession high.

The number of employees on nonagricultural payrolls—as measured by the monthly survey of establishments—rose by 285,000, seasonally adjusted, to 91.9 million in January. Total civilian employment—as measured by the monthly survey of households—also continued the advance which has totaled more than 4 million since November 1982. The factory workweek rose four-tenths of an hour to 40.9 hours in January.

## Unemployment

The civilian unemployment rate continued its downward trend from the November 1982 recession trough of 10.7 percent to 8.0 percent in January, seasonally adjusted. The number of jobless persons declined by 2.9 million over the same time period to 9.0 million. Significant drops in unemployment were recorded for all major demographic groups except black youth. January unemployment rates were 7.3 and 7.1 percent for adult men and women, respectively, and 19.4 percent for teenagers. The unemployment rate for whites edged down from 7.1 to 6.9 percent, while the rate for black workers declined from 17.8 to 16.7 percent. However, the jobless rate for black teenagers held close to 50 percent. (See tables A-33 and A-34.)

The number of unemployed persons who had lost their last job declined by 190,000 in January to 4.8 million. There was little change in the number of unemployed who had left their last job or were labor force entrants. The number of persons in the short-term (less than 5 weeks) and long-term (15 weeks and over) categories continued to trend down and the median duration of unemployment was little changed at 9.2 weeks. (See tables A-41 and A-40.)

## Civilian employment and the labor force

Civilian employment continued to rise in January but at a slower pace than in the prior 2 months. Adult men experienced a substantial employment gain, while employment of adult women and teenagers was about unchanged. At 103.2 million (seasonally adjusted), total

employment has advanced by 4.2 million since November 1982.

The civilian labor force totaled 112.2 million in January, virtually unchanged over the month. Since January 1983, the labor force has grown by more than 1.2 million; the number of adult men and women has risen by 900,000 and 700,000, respectively, while there was a 350,000 reduction in the teenage labor force. (See table A-33.)

## Industry payroll employment

Total nonagricultural payroll employment rose by 285,000 in January to 91.9 million, after adjustment for seasonality. Since November 1982, total nonfarm employment has grown by 3.1 million. (See table B-4.)

January employment gains were widespread, although the bulk of the increase took place in construction and manufacturing. Construction employment declined less than it usually does from December to January and, after adjustment, rose by 100,000; with this increase, construction jobs exceeded their March 1983 recessionary low by nearly 450,000. Strong recovery continued in manufacturing, with employment up by 100,000. Job gains continued in machinery, electrical equipment, automobiles, and rubber and plastics, all of which have shown strength in recent months.

Employment in the services industry rose by 40,000, continuing the growth that has totaled nearly a million since November 1982. The large seasonal job decline in retail trade was somewhat less than usually occurs in January, and, after seasonal adjustment, employment rose by 35,000. More than half of the over-the-month increase of 25,000 in transportation and public utilities represented a return of striking workers to their jobs. There were also small employment increases in wholesale trade and finance, insurance, and real estate.

## Weekly hours

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls rose 0.3 hour in January to 35.6 hours, seasonally adjusted, the highest level since January 1980. Weekly hours in manufacturing were up by 0.4 hour to 40.9 hours, while factory overtime remained at December's high level of 3.4 hours. (See table C-6.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls rose by 1.3 percent in January to 110.2 (1977 = 100). The manufacturing index was up 1.6 percent to 95.5 and was 14.9 percent above the December 1982 low. (See table C-7.)

### **Hourly and weekly earnings**

Average hourly earnings increased by 0.6 percent in January, seasonally adjusted, while weekly earnings rose by 1.5 percent. Before adjustment for seasonality, average hourly earnings, at \$8.24, were up 9 cents over the month and 34 cents over the year. Weekly earnings were about unchanged over the month at \$289.22 but

were \$15.88 above a year earlier. (See tables C-1 and C-8.)

### **The Hourly Earnings Index**

The Hourly Earnings Index (HEI) was 158.2 (1977 = 100) in January, seasonally adjusted, an increase of 0.5 percent from December. For the 12 months ended in January, the increase (before seasonal adjustment) was 3.6 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing, and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.4 percent during the 12-month period ended in December. (See table C-8.)



**A-1. Employment status of the noninstitutional population 16 years and over, 1951 to date**

(Numbers in thousands)

Year and month	Noninstitutional population	Labor force									Not in labor force	
		Number	Percent of population	Employed						Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force		
						Total	Agriculture	Nonagricultural industries				
<b>Annual averages</b>												
1951 .....	106,764	64,160	60.1	62,104	2,143	59,961	6,726	53,235	2,055	3.2	42,604	
1952 .....	107,617	64,524	60.0	62,636	2,386	60,250	6,500	53,749	1,883	2.9	43,093	
1953 <sup>1</sup> .....	109,287	65,246	59.7	63,410	2,231	61,179	6,260	54,919	1,834	2.8	44,041	
1954 .....	110,463	65,785	59.6	62,251	2,142	60,109	6,205	53,904	3,532	5.4	44,678	
1955 .....	111,747	67,087	60.0	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660	
1956 .....	112,919	68,517	60.7	65,764	1,965	63,799	6,283	57,514	2,750	4.0	44,402	
1957 .....	114,213	68,877	60.3	66,019	1,948	64,071	5,947	58,123	2,859	4.2	45,336	
1958 .....	115,574	69,486	60.1	64,883	1,847	63,036	5,586	57,450	4,602	6.6	46,088	
1959 .....	117,117	70,157	59.9	66,418	1,788	64,630	5,565	59,065	3,740	5.3	46,960	
1960 <sup>1</sup> .....	119,106	71,489	60.0	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617	
1961 .....	120,671	72,359	60.0	67,646	1,900	65,746	5,200	60,546	4,714	6.5	48,312	
1962 <sup>1</sup> .....	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539	
1963 .....	124,422	73,839	59.3	69,768	2,006	67,762	4,687	63,076	4,070	5.5	50,583	
1964 .....	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394	
1965 .....	128,459	76,401	59.5	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058	
1966 .....	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288	
1967 .....	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527	
1968 .....	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291	
1969 .....	136,573	82,972	60.8	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602	
1970 .....	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315	
1971 .....	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834	
1972 <sup>1</sup> .....	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091	
1973 <sup>1</sup> .....	148,870	91,203	61.3	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667	
1974 .....	151,841	93,670	61.7	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171	
1975 .....	154,831	95,453	61.6	87,524	1,678	85,846	3,408	82,438	7,929	8.3	59,377	
1976 .....	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991	
1977 .....	160,689	100,665	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025	
1978 <sup>1</sup> .....	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659	
1979 .....	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900	
1980 .....	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806	
1981 .....	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460	
1982 .....	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067	
1983 .....	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
<b>1983:</b>												
January .....	175,021	112,344	64.2	100,821	1,667	99,154	3,420	95,734	11,523	10.3	62,677	
February .....	175,169	112,352	64.1	100,836	1,664	99,172	3,415	95,757	11,516	10.2	62,817	
March .....	175,320	112,399	64.1	100,980	1,664	99,316	3,386	95,930	11,419	10.2	62,921	
April .....	175,465	112,646	64.2	101,277	1,671	99,606	3,392	96,214	11,369	10.1	62,819	
May .....	175,622	112,619	64.1	101,431	1,669	99,762	3,374	96,388	11,188	9.9	63,003	
June .....	175,793	113,573	64.6	102,411	1,668	100,743	3,479	97,264	11,162	9.8	62,220	
July .....	175,970	113,489	64.5	102,889	1,664	101,225	3,499	97,726	10,600	9.3	62,481	
August .....	176,122	113,799	64.6	103,166	1,682	101,484	3,449	98,035	10,633	9.3	62,323	
September .....	176,297	113,924	64.6	103,571	1,695	101,876	3,308	98,568	10,353	9.1	62,373	
October .....	176,474	113,561	64.3	103,665	1,695	101,970	3,240	98,730	9,896	8.7	62,913	
November .....	176,636	113,720	64.4	104,291	1,685	102,606	3,257	99,349	9,429	8.3	62,916	
December .....	176,809	113,824	64.4	104,629	1,688	102,941	3,356	99,585	9,195	8.1	62,985	
<b>1984:</b>												
January .....	177,219	113,901	64.3	104,876	1,686	103,190	3,271	99,918	9,026	7.9	63,318	

<sup>1</sup> Not strictly comparable with prior years. For an explanation, see "Historical Comparability" under the Household Data section of the Explanatory Notes.

<sup>2</sup> The population and Armed Forces figures are not adjusted for seasonal variation.

**HOUSEHOLD DATA  
HISTORICAL**

**A-2. Employment status of the noninstitutional population 16 years and over by sex, 1973 to date**

(Numbers in thousands)

Sex, year, and month	Noninstitutional population	Labor force									Not in labor force
		Number	Percent of population	Employed					Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force	
						Total	Agriculture	Nonagricultural industries			
<b>Annual averages</b>											
<b>MEN</b>											
1973 <sup>1</sup> .....	71,017	56,349	79.3	54,074	1,725	52,349	2,847	49,502	2,275	4.0	14,667
1974 .....	72,466	57,397	79.2	54,682	1,658	53,024	2,919	50,105	2,714	4.7	15,069
1975 .....	73,891	57,899	78.4	53,457	1,600	51,857	2,824	49,032	4,442	7.7	15,993
1976 .....	75,341	58,756	78.0	54,720	1,582	53,138	2,744	50,394	4,036	6.9	16,585
1977 .....	76,756	59,959	78.1	56,291	1,563	54,728	2,671	52,057	3,667	6.1	16,797
1978 <sup>1</sup> .....	78,107	61,151	78.3	58,010	1,531	56,479	2,718	53,761	3,142	5.1	16,956
1979 .....	79,509	62,215	78.2	59,096	1,489	57,607	2,886	54,921	3,120	5.0	17,293
1980 .....	80,877	62,932	77.8	58,665	1,479	57,186	2,709	54,477	4,267	6.8	17,945
1981 .....	82,023	63,486	77.4	58,909	1,512	57,397	2,700	54,697	4,577	7.2	18,537
1982 .....	83,052	63,979	77.0	57,900	1,529	56,271	2,736	53,534	6,179	9.7	19,073
1983 .....	84,064	64,580	76.8	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484
<b>Monthly data, seasonally adjusted<sup>2</sup></b>											
<b>1983:</b>											
January .....	83,652	64,017	76.5	57,334	1,531	55,803	2,746	53,057	6,683	10.4	19,635
February .....	83,720	64,077	76.5	57,321	1,528	55,793	2,699	53,094	6,756	10.5	19,643
March .....	83,789	64,096	76.5	57,423	1,528	55,895	2,695	53,200	6,673	10.4	19,693
April .....	83,856	64,311	76.7	57,589	1,530	56,059	2,707	53,352	6,722	10.5	19,545
May .....	83,931	64,348	76.7	57,744	1,528	56,216	2,715	53,501	6,604	10.3	19,583
June .....	84,014	64,778	77.1	58,369	1,525	56,844	2,784	54,060	6,409	9.9	19,236
July .....	84,099	64,840	77.1	58,592	1,521	57,071	2,812	54,259	6,248	9.6	19,259
August .....	84,173	64,807	77.0	58,607	1,538	57,069	2,762	54,307	6,200	9.6	19,366
September .....	84,261	64,877	77.0	58,828	1,549	57,279	2,676	54,603	6,049	9.3	19,384
October .....	84,344	64,709	76.7	58,950	1,543	57,407	2,595	54,812	5,759	8.9	19,635
November .....	84,423	64,846	76.8	59,389	1,534	57,855	2,575	55,280	5,457	8.4	19,577
December .....	84,506	64,838	76.7	59,580	1,537	58,043	2,650	55,393	5,258	8.1	19,668
<b>1984:</b>											
January .....	84,745	64,930	76.6	59,781	1,542	58,239	2,605	55,635	5,149	7.9	19,815
<b>Annual averages</b>											
<b>WOMEN</b>											
1973 <sup>1</sup> .....	77,853	34,853	44.8	32,764	49	32,715	622	32,093	2,089	6.0	43,000
1974 .....	79,375	36,274	45.7	33,932	63	33,769	596	33,173	2,441	6.7	43,101
1975 .....	80,938	37,553	46.4	34,067	78	33,989	584	33,404	3,486	9.3	43,386
1976 .....	82,476	39,069	47.4	35,701	86	35,615	588	35,027	3,369	8.6	43,406
1977 .....	83,932	40,705	48.5	37,381	92	37,289	612	36,677	3,324	8.2	43,227
1978 <sup>1</sup> .....	85,434	42,731	50.0	39,669	100	39,569	669	38,900	3,061	7.2	42,703
1979 .....	86,951	44,343	51.0	41,325	108	41,217	661	40,556	3,018	6.8	42,608
1980 .....	88,472	45,611	51.6	42,241	124	42,117	656	41,461	3,370	7.4	42,861
1981 .....	89,751	46,829	52.2	43,133	133	43,000	667	42,333	3,696	7.9	42,922
1982 .....	90,887	47,894	52.7	43,395	139	43,256	665	42,591	4,499	9.4	42,993
1983 .....	91,827	48,646	53.0	44,190	143	44,047	680	43,367	4,457	9.2	43,181
<b>Monthly data, seasonally adjusted<sup>2</sup></b>											
<b>1983:</b>											
January .....	91,369	48,327	52.9	43,487	136	43,351	674	42,677	4,840	10.0	43,042
February .....	91,449	48,275	52.8	43,515	136	43,379	716	42,663	4,760	9.9	43,174
March .....	91,532	48,303	52.8	43,557	136	43,421	691	42,730	4,746	9.8	43,229
April .....	91,609	48,335	52.8	43,688	141	43,547	685	42,862	4,647	9.6	43,274
May .....	91,691	48,271	52.6	43,687	141	43,546	659	42,887	4,584	9.5	43,420
June .....	91,779	48,795	53.2	44,042	143	43,899	695	43,204	4,753	9.7	42,984
July .....	91,871	48,649	53.0	44,297	143	44,154	687	43,467	4,352	8.9	43,222
August .....	91,949	48,992	53.3	44,559	144	44,415	687	43,728	4,433	9.0	42,957
September .....	92,036	49,047	53.3	44,743	146	44,597	632	43,965	4,304	8.8	42,989
October .....	92,129	48,852	53.0	44,715	152	44,563	645	43,918	4,137	8.5	43,277
November .....	92,214	48,874	53.0	44,902	151	44,751	682	44,069	3,972	8.1	43,340
December .....	92,302	48,986	53.1	45,049	151	44,898	706	44,192	3,937	8.0	43,316
<b>1984:</b>											
January .....	92,474	48,971	53.0	45,094	144	44,950	667	44,284	3,876	7.9	43,503

<sup>1</sup> Not strictly comparable with prior years. For an explanation, see "Historical Comparability" under the Household Data section of the Explanatory Notes.

<sup>2</sup> The population and Armed Forces figures are not adjusted for seasonal variation.

**A-3. Employment status of the civilian noninstitutional population 16 years and over, 1951 to date**

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force				Unemployment rates		
		Total	Percent of population	Employed	Unemployed	Total	Men	Women
<b>Annual averages</b>								
1951 .....	104,621	62,017	59.2	59,961	2,055	3.3	2.8	4.4
1952 .....	105,231	62,138	59.0	60,250	1,883	3.0	2.8	3.6
1953 <sup>1</sup> .....	107,056	63,015	58.9	61,179	1,834	2.9	2.8	3.3
1954 .....	108,321	63,643	58.8	60,109	3,532	5.5	5.3	6.0
1955 .....	109,683	65,023	59.3	62,170	2,852	4.4	4.2	4.9
1956 .....	110,954	66,552	60.0	63,799	2,750	4.1	3.8	4.8
1957 .....	112,265	66,929	59.6	64,071	2,859	4.3	4.1	4.7
1958 .....	113,727	67,639	59.5	63,036	4,602	6.8	6.8	6.8
1959 .....	115,329	68,369	59.3	64,630	3,740	5.5	5.2	5.9
1960 <sup>1</sup> .....	117,245	69,628	59.4	65,778	3,852	5.5	5.4	5.9
1961 .....	118,771	70,459	59.3	65,746	4,714	6.7	6.4	7.2
1962 <sup>1</sup> .....	120,153	70,614	58.8	66,702	3,911	5.5	5.2	6.2
1963 .....	122,416	71,833	58.7	67,762	4,070	5.7	5.2	6.5
1964 .....	124,485	73,091	58.7	69,305	3,786	5.2	4.6	6.2
1965 .....	126,513	74,455	58.9	71,088	3,366	4.5	4.0	5.5
1966 .....	128,058	75,770	59.2	72,895	2,875	3.8	3.2	4.8
1967 .....	129,874	77,347	59.6	74,372	2,975	3.8	3.1	5.2
1968 .....	132,028	78,737	59.6	75,920	2,817	3.6	2.9	4.8
1969 .....	134,335	80,734	60.1	77,902	2,832	3.5	2.8	4.7
1970 .....	137,085	82,771	60.4	78,678	4,093	4.9	4.4	5.9
1971 .....	140,216	84,382	60.2	79,367	5,016	5.9	5.3	6.9
1972 <sup>1</sup> .....	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 <sup>1</sup> .....	147,096	89,429	60.8	85,064	4,365	4.9	4.2	6.0
1974 .....	150,120	91,949	61.3	86,794	5,156	5.6	4.9	6.7
1975 .....	153,153	93,775	61.2	85,846	7,929	8.5	7.9	9.3
1976 .....	156,150	96,158	61.6	88,752	7,406	7.7	7.1	8.6
1977 .....	159,033	99,009	62.3	92,017	6,991	7.1	6.3	8.2
1978 <sup>1</sup> .....	161,910	102,251	63.2	96,048	6,202	6.1	5.3	7.2
1979 .....	164,863	104,962	63.7	98,824	6,137	5.8	5.1	6.8
1980 .....	167,745	106,940	63.8	99,303	7,637	7.1	6.9	7.4
1981 .....	170,130	108,670	63.9	100,397	8,273	7.6	7.4	7.9
1982 .....	172,271	110,204	64.0	99,526	10,678	9.7	9.9	9.4
1983 .....	174,215	111,550	64.0	100,834	10,717	9.6	9.9	9.2
<b>Monthly data, seasonally adjusted<sup>2</sup></b>								
<b>1983:</b>								
January .....	173,354	110,677	63.8	99,154	11,523	10.4	10.7	10.0
February .....	173,505	110,688	63.8	99,172	11,516	10.4	10.8	9.9
March .....	173,656	110,735	63.8	99,316	11,419	10.3	10.7	9.9
April .....	173,794	110,975	63.9	99,606	11,369	10.2	10.7	9.6
May .....	173,953	110,950	63.8	99,762	11,188	10.1	10.5	9.5
June .....	174,125	111,905	64.3	100,743	11,162	10.0	10.1	9.8
July .....	174,306	111,825	64.2	101,225	10,600	9.5	9.9	9.0
August .....	174,440	112,117	64.3	101,484	10,633	9.5	9.8	9.1
September .....	174,602	112,229	64.3	101,876	10,353	9.2	9.6	8.8
October .....	174,779	111,866	64.0	101,970	9,896	8.8	9.1	8.5
November .....	174,951	112,035	64.0	102,606	9,429	8.4	8.6	8.2
December .....	175,121	112,136	64.0	102,941	9,195	8.2	8.3	8.1
<b>1984:</b>								
January .....	175,533	112,215	63.9	103,190	9,026	8.0	8.1	7.9

<sup>1</sup> Not strictly comparable with prior years. For an explanation, see "Historical Comparability" under the Household Data section of the

Explanatory Notes.

<sup>2</sup> The population figures are not adjusted for seasonal variation.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-4. Employment status of the civilian noninstitutional population by age, sex, and race**

(Numbers in thousands)

Age, sex, and race	January 1984										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>TOTAL</b>											
16 years and over .....	175,533	111,025	63.3	101,270	9,755	8.8	64,508	32,755	9,713	2,456	19,584
16 to 19 years .....	14,981	7,218	48.2	5,739	1,479	20.5	7,763	554	8,547	13	648
16 to 17 years .....	7,263	2,529	34.8	1,954	575	22.7	4,735	143	4,438	8	145
18 to 19 years .....	7,718	4,690	60.8	3,785	905	19.3	3,028	412	2,108	5	503
20 to 24 years .....	20,791	15,707	75.5	13,541	2,166	13.8	5,084	2,058	2,103	53	869
25 to 54 years .....	91,517	73,274	80.1	67,950	5,323	7.3	18,244	13,892	1,023	818	2,712
25 to 34 years .....	39,650	32,193	81.2	29,326	2,867	8.9	7,457	5,541	740	184	991
25 to 29 years .....	20,746	16,878	81.4	15,206	1,672	9.9	3,868	2,778	469	91	533
30 to 34 years .....	18,903	15,315	81.0	14,120	1,196	7.8	3,588	2,765	272	93	459
35 to 44 years .....	29,666	24,262	81.8	22,783	1,479	6.1	5,404	4,270	208	206	720
35 to 39 years .....	16,388	13,431	82.0	12,547	883	6.6	2,957	2,374	122	90	375
40 to 44 years .....	13,279	10,832	81.6	10,236	596	5.5	2,447	1,900	87	115	345
45 to 54 years .....	22,202	16,818	75.8	15,842	976	5.8	5,384	3,880	75	428	1,001
45 to 49 years .....	11,208	8,863	79.1	8,352	511	5.8	2,345	1,730	41	178	399
50 to 54 years .....	10,994	7,955	72.4	7,490	465	5.8	3,039	2,151	34	252	602
55 to 64 years .....	22,053	11,921	54.1	11,238	882	5.7	10,132	5,829	30	654	3,620
55 to 59 years .....	11,340	7,288	64.3	6,862	426	5.9	4,052	2,660	19	331	1,042
60 to 64 years .....	10,713	4,632	43.2	4,376	256	5.5	6,080	3,169	10	323	2,578
65 years and over .....	26,191	2,905	11.1	2,801	104	3.6	23,285	10,822	10	918	11,735
65 to 69 years .....	8,935	1,697	19.0	1,821	76	4.5	7,238	3,302	7	232	3,698
70 years and over .....	17,256	1,208	7.0	1,180	29	2.4	16,047	7,321	3	686	8,038
<b>Men</b>											
16 years and over .....	83,203	62,627	75.3	56,830	5,797	9.3	20,578	479	5,038	1,444	13,617
16 to 19 years .....	7,511	3,703	49.3	2,847	856	23.1	3,808	48	3,388	9	362
16 to 17 years .....	3,688	1,312	35.6	982	329	25.1	2,376	22	2,267	5	82
18 to 19 years .....	3,823	2,391	62.6	1,865	528	22.0	1,431	26	1,121	4	280
20 to 24 years .....	10,154	8,441	83.1	7,152	1,288	15.3	1,713	24	1,130	37	521
25 to 54 years .....	44,554	41,660	93.5	38,506	3,154	7.6	2,894	114	509	570	1,701
25 to 34 years .....	19,414	18,222	93.9	16,475	1,748	9.6	1,191	42	413	127	610
25 to 29 years .....	10,170	9,492	93.3	8,476	1,016	10.7	678	20	275	68	318
30 to 34 years .....	9,243	8,730	94.5	7,999	732	8.4	513	22	138	61	292
35 to 44 years .....	14,429	13,745	95.3	12,897	849	6.2	684	38	71	157	418
35 to 39 years .....	7,976	7,639	95.8	7,137	501	6.6	337	18	46	75	198
40 to 44 years .....	6,454	6,107	94.6	5,760	347	5.7	347	20	25	81	220
45 to 54 years .....	10,711	9,692	90.5	9,134	558	5.8	1,019	34	28	287	673
45 to 49 years .....	5,432	5,093	92.7	4,747	286	5.7	399	12	16	115	257
50 to 54 years .....	5,279	4,658	88.3	4,387	272	5.8	620	22	10	172	418
55 to 64 years .....	10,286	7,068	68.7	6,631	437	6.2	3,217	90	9	414	2,704
55 to 59 years .....	5,341	4,308	80.7	4,037	271	6.3	1,032	32	5	220	775
60 to 64 years .....	4,945	2,760	55.8	2,594	166	6.0	2,185	59	4	194	1,929
65 years and over .....	10,699	1,755	16.4	1,694	61	3.5	8,944	203	-	413	8,328
65 to 69 years .....	3,982	993	24.9	954	39	3.9	2,989	45	1	134	2,809
70 years and over .....	6,717	762	11.3	740	22	2.9	5,955	158	-	278	5,519
<b>Women</b>											
16 years and over .....	92,330	48,398	52.4	44,440	3,958	8.2	43,932	32,278	4,677	1,013	5,967
16 to 19 years .....	7,471	3,515	47.1	2,892	624	17.7	3,955	507	3,159	4	286
16 to 17 years .....	3,575	1,217	34.0	972	245	20.2	2,358	121	2,171	3	63
18 to 19 years .....	3,896	2,298	59.0	1,920	378	18.5	1,597	386	988	1	223
20 to 24 years .....	10,637	7,266	68.3	6,389	877	12.1	3,371	2,034	973	16	348
25 to 54 years .....	46,963	31,614	67.3	29,445	2,169	6.9	15,350	13,578	514	248	1,011
25 to 34 years .....	20,236	13,971	69.0	12,851	1,119	8.0	6,266	5,499	328	57	381
25 to 29 years .....	10,576	7,386	69.8	6,730	656	8.9	3,190	2,756	194	25	215
30 to 34 years .....	9,660	6,585	68.2	6,121	464	7.0	3,075	2,743	134	32	167
35 to 44 years .....	15,236	10,517	69.0	9,886	631	6.0	4,720	4,232	137	49	301
35 to 39 years .....	8,412	5,792	68.9	5,410	382	6.6	2,620	2,352	76	15	177
40 to 44 years .....	6,825	4,725	69.2	4,476	249	5.3	2,100	1,880	62	34	125
45 to 54 years .....	11,491	7,126	62.0	6,708	419	5.9	4,365	3,847	49	141	328
45 to 49 years .....	5,776	3,830	66.3	3,605	225	5.9	1,946	1,718	25	61	142
50 to 54 years .....	5,715	3,297	57.7	3,103	193	5.9	2,419	2,129	24	80	186
55 to 64 years .....	11,767	4,852	41.2	4,607	245	5.1	6,915	5,739	21	240	915
55 to 59 years .....	6,000	2,980	49.7	2,825	155	5.2	3,020	2,628	15	110	286
60 to 64 years .....	5,768	1,873	32.5	1,783	90	4.8	3,895	3,111	8	129	849
65 years and over .....	15,492	1,150	7.4	1,107	43	3.8	14,342	10,419	9	506	3,407
65 to 69 years .....	4,953	704	14.2	667	37	5.2	4,249	3,257	6	98	889
70 years and over .....	10,539	446	4.2	440	7	1.5	10,092	7,183	3	408	2,519

A-4. Employment status of the civilian noninstitutional population by age, sex, and race—Continued

(Numbers in thousands)

Age, sex, and race	January 1984										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>WHITE</b>											
16 years and over .....	151,939	96,767	63.7	89,268	7,499	7.7	55,172	28,763	7,441	1,919	17,049
16 to 19 years .....	12,363	8,410	51.9	5,271	1,139	17.8	5,952	419	5,026	12	496
16 to 17 years .....	5,986	2,321	38.9	1,836	485	20.9	3,845	115	3,412	7	112
18 to 19 years .....	6,397	4,089	63.9	3,435	654	16.0	2,307	304	1,614	5	384
20 to 24 years .....	17,421	13,565	77.9	11,961	1,604	11.8	3,856	1,584	1,637	35	600
25 to 54 years .....	78,778	63,432	80.5	59,334	4,099	6.5	15,346	11,854	748	620	2,124
25 to 34 years .....	33,679	27,573	81.9	25,462	2,111	7.7	8,108	4,705	540	132	729
25 to 29 years .....	17,578	14,459	82.3	13,255	1,205	8.3	3,118	2,317	349	60	393
30 to 34 years .....	18,102	13,114	81.4	12,208	906	6.9	2,987	2,389	192	72	336
35 to 44 years .....	25,730	21,092	82.0	19,928	1,164	5.5	4,637	3,764	149	159	565
35 to 39 years .....	14,232	11,877	82.0	11,002	674	8.5	2,555	2,115	82	75	292
40 to 44 years .....	11,498	9,416	81.9	8,925	490	5.2	2,083	1,668	67	84	273
45 to 54 years .....	19,370	14,767	76.2	13,943	823	5.6	4,603	3,385	59	330	829
45 to 49 years .....	9,727	7,786	79.8	7,341	425	5.5	1,961	1,495	36	139	303
50 to 54 years .....	9,843	7,001	72.6	6,602	399	6.1	2,642	1,910	24	192	526
55 to 64 years .....	19,702	10,726	54.4	10,154	573	5.3	8,975	5,275	21	489	3,191
55 to 59 years .....	10,099	6,554	64.9	6,203	351	5.4	3,545	2,385	19	238	904
60 to 64 years .....	9,603	4,173	43.5	3,951	222	5.3	5,430	2,890	2	251	2,287
65 years and over .....	23,674	2,633	11.1	2,549	84	3.2	21,041	9,632	9	762	10,839
85 to 69 years .....	8,066	1,538	19.1	1,478	59	3.8	6,528	2,983	6	184	3,354
70 years and over .....	15,608	1,095	7.0	1,070	25	2.3	14,514	6,648	3	577	7,265
<b>Men</b>											
16 years and over .....	72,507	55,218	76.2	50,629	4,589	8.3	17,289	352	3,862	1,132	11,944
16 to 19 years .....	6,202	3,279	52.9	2,594	684	20.9	2,923	31	2,609	9	274
16 to 17 years .....	3,036	1,197	39.4	911	287	24.0	1,839	20	1,753	5	61
18 to 19 years .....	3,166	2,081	65.7	1,684	398	19.1	1,085	11	856	4	214
20 to 24 years .....	8,578	7,291	85.0	6,309	982	13.5	1,287	11	882	28	366
25 to 54 years .....	38,800	36,588	94.3	34,080	2,509	6.9	2,212	78	364	441	1,329
25 to 34 years .....	16,706	15,851	94.9	14,497	1,354	8.5	855	33	303	89	431
25 to 29 years .....	8,738	8,251	94.4	7,462	790	9.6	486	13	203	40	231
30 to 34 years .....	7,969	7,600	95.4	7,036	564	7.4	369	20	101	49	200
35 to 44 years .....	12,665	12,142	95.9	11,468	674	5.6	523	25	43	122	333
35 to 39 years .....	6,987	6,738	96.4	6,351	386	5.7	249	8	25	82	154
40 to 44 years .....	5,878	5,404	95.2	5,116	288	5.3	274	16	18	60	179
45 to 54 years .....	9,429	8,595	91.2	8,114	481	5.6	834	21	17	230	565
45 to 49 years .....	4,756	4,446	93.5	4,201	245	5.5	310	4	13	94	200
50 to 54 years .....	4,673	4,149	88.8	3,913	236	5.7	524	17	5	137	365
55 to 64 years .....	9,254	6,461	69.8	6,097	364	5.8	2,793	72	5	310	2,405
55 to 59 years .....	4,794	3,937	82.1	3,711	226	5.7	857	21	5	156	875
60 to 64 years .....	4,459	2,523	56.6	2,385	138	5.5	1,936	52	1	154	1,730
65 years and over .....	9,673	1,599	16.5	1,550	50	3.1	8,073	160	-	344	7,569
65 to 69 years .....	3,615	912	25.2	881	31	3.4	2,703	33	1	113	2,556
70 years and over .....	6,057	687	11.3	668	19	2.7	5,371	127	-	230	5,014
<b>Women</b>											
16 years and over .....	79,432	41,549	52.3	38,839	2,910	7.0	37,883	28,411	3,579	787	5,105
16 to 19 years .....	6,161	3,132	50.8	2,677	455	14.5	3,029	388	2,417	3	222
16 to 17 years .....	2,930	1,124	38.3	926	198	17.6	1,807	95	1,659	2	51
18 to 19 years .....	3,230	2,008	62.2	1,751	257	12.8	1,222	293	758	1	171
20 to 24 years .....	8,843	8,274	70.9	5,852	622	9.9	2,569	1,573	754	7	234
25 to 54 years .....	39,978	26,844	67.1	25,254	1,590	5.9	13,134	11,778	384	179	795
25 to 34 years .....	16,972	11,722	69.1	10,965	757	6.5	5,250	4,672	237	43	298
25 to 29 years .....	8,840	6,208	70.2	5,793	415	6.7	2,632	2,304	146	20	162
30 to 34 years .....	8,133	5,514	67.8	5,172	342	6.2	2,618	2,369	91	23	136
35 to 44 years .....	13,065	8,951	68.5	8,461	490	5.5	4,114	3,739	106	37	232
35 to 39 years .....	7,245	4,939	68.2	4,651	288	5.8	2,308	2,098	57	13	138
40 to 44 years .....	5,820	4,012	68.9	3,809	202	5.0	1,809	1,641	49	24	94
45 to 54 years .....	9,941	6,172	62.1	5,829	343	5.6	3,769	3,364	42	99	264
45 to 49 years .....	4,971	3,320	66.8	3,140	180	5.4	1,851	1,481	23	45	103
50 to 54 years .....	4,970	2,852	57.4	2,889	163	5.7	2,118	1,883	19	55	161
55 to 64 years .....	10,448	4,266	40.8	4,057	209	4.9	8,182	5,202	15	179	786
55 to 59 years .....	5,305	2,616	49.3	2,491	125	4.8	2,688	2,364	15	82	228
60 to 64 years .....	5,143	1,649	32.1	1,566	84	5.1	3,494	2,638	1	98	557
65 years and over .....	14,002	1,034	7.4	999	34	3.3	12,968	9,471	9	419	3,069
65 to 69 years .....	4,451	626	14.1	597	28	4.5	3,625	2,950	5	71	798
70 years and over .....	9,551	408	4.3	402	6	1.5	9,143	6,521	3	347	2,271

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-4. Employment status of the civilian noninstitutional population by age, sex, and race—Continued**

(Numbers in thousands)

Age, sex, and race	January 1984										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>BLACK</b>											
16 years and over .....	19,196	11,478	59.8	9,513	1,965	17.1	7,717	3,272	1,770	501	2,176
16 to 19 years .....	2,194	849	29.6	345	304	46.9	1,545	121	1,280	2	142
18 to 17 years .....	1,071	160	14.9	84	78	47.6	911	23	855	1	32
18 to 19 years .....	1,123	489	43.6	261	228	46.7	634	98	425	-	111
20 to 24 years .....	2,774	1,777	64.1	1,266	512	28.8	996	404	331	18	244
25 to 54 years .....	10,091	7,853	77.8	6,812	1,041	13.3	2,238	1,407	149	181	502
25 to 34 years .....	4,718	3,729	79.0	3,084	645	17.3	989	609	116	49	215
25 to 29 years .....	2,529	1,973	78.0	1,571	402	20.4	556	340	73	29	114
30 to 34 years .....	2,189	1,755	80.2	1,513	242	13.8	433	269	43	20	101
35 to 44 years .....	3,085	2,488	80.3	2,222	263	10.6	610	401	29	40	140
35 to 39 years .....	1,709	1,396	81.7	1,215	180	12.9	313	209	20	12	72
40 to 44 years .....	1,386	1,090	78.6	1,007	83	7.8	296	191	9	29	68
45 to 54 years .....	2,278	1,839	71.9	1,505	134	8.2	640	397	4	92	147
45 to 49 years .....	1,181	864	73.2	786	78	9.0	318	194	1	33	90
50 to 54 years .....	1,096	775	70.7	719	56	7.2	322	204	2	59	57
55 to 64 years .....	1,974	985	49.9	896	89	9.0	990	466	9	153	361
55 to 59 years .....	1,047	625	59.7	561	64	10.2	422	226	-	85	111
60 to 64 years .....	927	360	38.8	335	25	6.9	568	241	9	68	250
65 years and over .....	2,162	214	9.9	195	19	8.9	1,948	874	1	147	927
65 to 69 years .....	734	128	17.4	111	16	12.5	606	273	1	47	286
70 years and over .....	1,428	86	6.0	83	3	3.5	1,342	601	-	100	641
<b>Men</b>											
16 years and over .....	8,585	5,904	88.8	4,848	1,055	17.9	2,680	114	880	285	1,404
16 to 19 years .....	1,072	338	31.3	180	156	46.5	736	15	643	1	78
16 to 17 years .....	532	93	17.6	53	40	42.8	438	2	416	-	20
18 to 19 years .....	540	242	44.8	126	116	47.9	298	12	227	-	59
20 to 24 years .....	1,285	960	74.7	680	280	29.2	325	12	165	10	138
25 to 54 years .....	4,513	3,990	88.4	3,443	547	13.7	524	30	69	118	310
25 to 34 years .....	2,127	1,882	88.5	1,544	338	18.0	245	9	56	36	144
25 to 29 years .....	1,144	1,003	87.6	807	196	19.5	142	8	45	24	87
30 to 34 years .....	983	879	89.5	737	142	16.2	103	3	12	12	77
35 to 44 years .....	1,378	1,248	90.6	1,101	147	11.8	130	14	12	28	77
35 to 39 years .....	783	702	92.0	600	102	14.6	81	9	7	9	36
40 to 44 years .....	815	546	88.7	501	45	8.2	69	4	5	20	40
45 to 54 years .....	1,008	860	85.3	797	63	7.4	149	7	1	52	89
45 to 49 years .....	525	451	85.9	418	34	7.5	74	4	-	19	51
50 to 54 years .....	483	409	84.5	379	29	7.2	75	4	-	33	38
55 to 64 years .....	859	499	58.1	439	60	12.1	380	18	3	94	244
55 to 59 years .....	455	310	68.1	271	39	12.6	145	11	-	57	77
60 to 64 years .....	403	190	46.9	168	21	11.3	214	7	4	37	167
65 years and over .....	855	120	14.0	108	11	9.3	736	39	-	64	634
65 to 69 years .....	307	66	21.6	58	8	( <sup>1</sup> )	241	11	-	21	209
70 years and over .....	548	53	9.7	50	3	( <sup>1</sup> )	495	27	-	43	425
<b>Women</b>											
16 years and over .....	10,811	5,574	52.5	4,665	910	18.3	5,037	3,160	889	216	773
16 to 19 years .....	1,122	314	28.0	185	148	47.3	809	106	837	1	64
16 to 17 years .....	539	66	12.3	30	36	( <sup>1</sup> )	473	21	439	1	12
18 to 19 years .....	583	247	42.4	135	112	45.4	336	86	198	-	52
20 to 24 years .....	1,489	818	54.9	586	232	28.3	672	392	166	8	106
25 to 54 years .....	5,578	3,863	69.3	3,369	494	12.8	1,714	1,377	80	65	192
25 to 34 years .....	2,591	1,847	71.3	1,540	307	18.6	744	600	80	13	71
25 to 29 years .....	1,385	970	70.1	764	206	21.3	414	334	28	5	47
30 to 34 years .....	1,206	878	72.7	776	100	11.4	330	266	31	8	24
35 to 44 years .....	1,717	1,298	72.1	1,122	116	9.4	479	387	17	12	63
35 to 39 years .....	946	894	73.4	815	78	11.3	252	200	13	3	36
40 to 44 years .....	771	544	70.5	506	38	7.0	227	187	4	9	28
45 to 54 years .....	1,270	779	61.3	708	71	9.1	491	390	3	40	58
45 to 49 years .....	856	413	82.9	368	44	10.7	244	190	1	14	39
50 to 54 years .....	613	366	59.7	340	27	7.3	247	200	2	26	19
55 to 64 years .....	1,115	485	43.5	457	28	5.8	630	448	6	59	117
55 to 59 years .....	592	315	53.2	291	24	7.8	277	215	-	28	34
60 to 64 years .....	524	170	32.5	167	4	2.1	353	234	5	31	83
65 years and over .....	1,307	95	7.2	87	8	8.4	1,212	835	1	83	293
65 to 69 years .....	427	62	14.5	53	8	( <sup>1</sup> )	365	262	1	26	77
70 years and over .....	880	33	3.7	33	-	( <sup>1</sup> )	847	574	-	57	216

<sup>1</sup> Data not shown where base is less than 75,000.

HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED

A-5. Employment status of the black-and-other civilian noninstitutional population by age and sex

(Numbers in thousands)

Age and sex	January 1984								Not in labor force
	Civilian noninstitutional population	Civilian labor force							
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
<b>TOTAL</b>									
16 years and over .....	23,594	14,258	60.4	12,002	231	11,771	2,256	15.8	9,336
16 to 19 years .....	2,619	808	30.9	468	3	465	340	42.1	1,810
16 to 17 years .....	1,297	207	16.0	118	3	114	90	43.3	1,089
18 to 19 years .....	1,322	601	45.4	350	-	350	250	41.7	721
20 to 24 years .....	3,369	2,142	63.6	1,580	19	1,561	562	26.2	1,228
25 to 54 years .....	12,739	9,841	77.3	8,618	174	8,443	1,225	12.4	2,898
25 to 34 years .....	5,971	4,620	77.4	3,664	64	3,800	756	16.4	1,351
25 to 29 years .....	3,169	2,419	76.3	1,952	23	1,929	466	19.3	750
30 to 34 years .....	2,802	1,200	42.8	1,912	41	1,871	289	24.1	601
35 to 44 years .....	3,936	3,170	80.5	2,855	57	2,798	315	9.9	766
35 to 39 years .....	2,156	1,754	81.4	1,545	31	1,514	209	11.9	402
40 to 44 years .....	1,781	1,416	79.5	1,309	26	1,283	106	7.5	364
45 to 54 years .....	2,832	2,051	72.4	1,898	53	1,845	153	7.5	780
45 to 49 years .....	1,480	1,097	74.1	1,011	34	977	87	7.9	383
50 to 54 years .....	1,352	954	70.6	888	20	669	66	6.9	397
55 to 64 years .....	2,351	1,194	50.8	1,084	21	1,063	110	9.2	1,157
55 to 59 years .....	1,241	735	59.2	659	14	646	75	10.3	506
60 to 64 years .....	1,110	460	41.4	425	8	417	34	7.5	650
65 years and over .....	2,516	272	10.8	252	13	239	20	7.4	2,244
65 to 69 years .....	869	159	18.3	143	4	139	16	10.1	710
70 years and over .....	1,648	113	6.9	110	8	100	9	8.0	1,534
<b>Men</b>									
16 years and over .....	10,696	7,409	69.3	6,201	217	5,985	1,208	16.3	3,287
16 to 19 years .....	1,309	424	32.4	253	3	250	171	40.4	684
16 to 17 years .....	652	114	17.5	72	3	69	43	37.2	536
18 to 19 years .....	657	310	47.2	181	-	181	129	41.5	347
20 to 24 years .....	1,575	1,150	73.0	844	14	829	306	26.6	426
25 to 54 years .....	5,754	5,072	88.1	4,426	167	4,256	646	12.7	662
25 to 34 years .....	2,707	2,371	87.6	1,878	63	1,914	394	16.6	336
25 to 29 years .....	1,433	1,241	86.6	1,014	23	992	226	18.2	192
30 to 34 years .....	1,274	1,130	88.7	963	40	923	167	14.8	144
35 to 44 years .....	1,765	1,604	90.9	1,429	54	1,375	174	10.9	161
35 to 39 years .....	989	901	91.1	766	29	757	115	12.7	88
40 to 44 years .....	776	703	90.5	643	25	618	59	8.5	73
45 to 54 years .....	1,282	1,097	85.6	1,019	50	969	77	7.0	165
45 to 49 years .....	676	587	86.9	546	32	514	42	7.1	89
50 to 54 years .....	606	509	84.1	474	19	455	36	7.0	96
55 to 64 years .....	1,032	608	58.9	534	20	514	73	12.1	424
55 to 59 years .....	546	371	67.9	326	14	312	45	12.2	175
60 to 64 years .....	486	237	48.7	208	6	202	28	12.0	249
65 years and over .....	1,026	156	15.2	144	11	133	11	7.3	870
65 to 69 years .....	367	81	22.0	73	3	70	8	9.9	286
70 years and over .....	660	75	11.4	72	8	63	3	4.6	584
<b>Women</b>									
16 years and over .....	12,898	6,849	53.1	5,800	14	5,786	1,046	15.3	6,050
16 to 19 years .....	1,310	384	29.3	215	-	215	169	44.0	926
16 to 17 years .....	645	93	14.5	46	-	46	47	50.8	552
18 to 19 years .....	665	291	43.7	169	-	169	121	41.8	375
20 to 24 years .....	1,794	992	55.3	736	5	732	256	25.8	802
25 to 54 years .....	6,985	4,769	68.3	4,192	7	4,185	579	12.1	2,216
25 to 34 years .....	3,264	2,249	68.9	1,887	1	1,885	362	16.1	1,015
25 to 29 years .....	1,736	1,178	67.8	938	-	937	240	20.4	558
30 to 34 years .....	1,528	1,071	70.1	949	1	948	122	11.4	457
35 to 44 years .....	2,171	1,566	72.1	1,425	3	1,423	141	9.0	605
35 to 39 years .....	1,167	853	73.1	759	2	757	94	11.0	314
40 to 44 years .....	1,005	713	71.0	666	1	665	47	6.6	291
45 to 54 years .....	1,550	955	61.6	879	3	877	76	7.9	595
45 to 49 years .....	804	510	63.4	465	2	463	45	8.9	294
50 to 54 years .....	746	445	59.7	414	1	414	30	6.8	301
55 to 64 years .....	1,319	587	44.5	550	1	549	36	6.2	732
55 to 59 years .....	695	364	52.3	333	-	334	30	8.3	331
60 to 64 years .....	624	223	35.7	217	1	215	6	2.8	401
65 years and over .....	1,490	117	7.8	108	2	106	9	7.5	1,374
65 to 69 years .....	502	78	15.6	70	1	69	8	10.7	424
70 years and over .....	988	38	3.9	38	-	37	-	( <sup>1</sup> )	950

<sup>1</sup> Data not shown where base is less than 75,000.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-6. Employment status of the civilian noninstitutional population by race, sex, and age**

(Numbers in thousands)

Employment status and race	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
<b>TOTAL</b>								
Civilian noninstitutional population .....	173,354	175,533	74,339	75,692	83,490	84,860	15,525	14,981
Civilian labor force .....	109,779	111,025	58,009	58,924	44,198	44,883	7,572	7,218
Percent of population .....	63.3	63.3	77.8	77.8	52.9	52.9	48.8	48.2
Employed .....	97,262	101,270	51,529	53,983	40,024	41,548	5,709	5,739
Agriculture .....	2,921	2,807	2,203	2,130	490	498	228	179
Nonagricultural industries .....	94,341	98,463	49,325	51,853	39,534	41,050	5,482	5,560
Unemployed .....	12,517	9,755	6,481	4,941	4,173	3,335	1,863	1,479
Unemployment rate .....	11.4	8.8	11.2	8.4	9.4	7.4	24.6	20.5
Not in labor force .....	63,575	64,508	16,330	16,768	39,293	39,977	7,953	7,763
<b>White</b>								
Civilian noninstitutional population .....	150,129	151,939	65,093	66,305	72,170	73,271	12,866	12,363
Civilian labor force .....	95,533	96,767	51,052	51,939	37,763	38,418	6,717	6,410
Percent of population .....	63.6	63.7	78.4	78.3	52.3	52.4	52.2	51.9
Employed .....	85,760	89,268	45,910	48,034	34,625	35,963	5,225	5,271
Agriculture .....	2,684	2,576	2,007	1,916	459	484	218	176
Nonagricultural industries .....	83,076	86,692	43,903	46,118	34,166	35,479	5,007	5,095
Unemployed .....	9,772	7,499	5,142	3,904	3,138	2,455	1,492	1,139
Unemployment rate .....	10.2	7.7	10.1	7.5	8.3	6.4	22.2	17.8
Not in labor force .....	54,597	55,172	14,041	14,366	34,407	34,853	6,149	5,952
<b>Black</b>								
Civilian noninstitutional population .....	18,768	19,196	7,273	7,513	9,242	9,489	2,253	2,194
Civilian labor force .....	11,397	11,478	5,456	5,569	5,248	5,261	693	649
Percent of population .....	60.7	59.8	75.0	74.1	56.8	55.4	30.8	29.6
Employed .....	8,973	9,513	4,275	4,669	4,325	4,499	373	345
Agriculture .....	164	162	140	159	18	2	6	2
Nonagricultural industries .....	8,809	9,351	4,136	4,510	4,306	4,497	368	343
Unemployed .....	2,424	1,965	1,181	900	923	761	319	304
Unemployment rate .....	21.3	17.1	21.6	16.2	17.6	14.5	46.1	46.9
Not in labor force .....	7,371	7,717	1,817	1,944	3,994	4,229	1,560	1,545



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-7. Employment status of the civilian noninstitutional population 16 to 21 years of age by major activity, sex, and race**

(Numbers in thousands)

Employment status and major activity	January 1984								
	Total			White			Black		
	Both sexes	Men	Women	Both sexes	Men	Women	Both sexes	Men	Women
<b>TOTAL</b>									
Civilian noninstitutional population .....	23,032	11,442	11,590	19,094	9,496	9,598	3,306	1,593	1,713
Civilian labor force .....	12,917	6,724	6,193	11,318	5,867	5,451	1,306	688	618
Percent of population .....	56.1	58.8	53.4	59.3	61.8	56.8	39.5	43.2	36.1
Employed .....	10,510	5,313	5,197	9,495	4,766	4,729	784	411	373
Agriculture .....	289	241	47	277	231	46	6	6	-
Nonagricultural industries .....	10,221	5,072	5,149	9,218	4,535	4,684	778	405	373
Unemployed .....	2,408	1,411	997	1,822	1,101	721	522	277	245
Looking for full-time work .....	1,479	889	590	1,058	669	389	375	200	174
Looking for part-time work .....	929	522	406	765	432	333	148	77	71
Percent of labor force .....	18.6	21.0	16.1	16.1	18.8	13.2	40.0	40.3	39.7
Not in labor force .....	10,115	4,718	5,397	7,776	3,629	4,147	2,000	905	1,095
<b>Major activity: Going to school</b>									
Civilian noninstitutional population .....	11,616	5,939	5,677	9,464	4,834	4,630	1,777	891	886
Civilian labor force .....	3,802	1,914	1,888	3,404	1,700	1,703	316	165	152
Percent of population .....	32.7	32.2	33.3	36.0	35.2	36.8	17.8	18.5	17.1
Employed .....	3,007	1,443	1,565	2,774	1,318	1,455	167	88	79
Agriculture .....	89	73	16	84	69	15	4	4	-
Nonagricultural industries .....	2,918	1,369	1,549	2,690	1,250	1,440	163	84	79
Unemployed .....	795	471	324	630	382	248	149	77	73
Looking for full-time work .....	69	49	20	48	37	11	22	12	10
Looking for part-time work .....	726	423	303	582	345	237	128	65	63
Percent of labor force .....	20.9	24.6	17.1	18.5	22.5	14.6	47.2	46.7	48.0
Not in labor force .....	7,814	4,025	3,789	6,060	3,134	2,926	1,461	727	734
<b>Major activity: Other</b>									
Civilian noninstitutional population .....	11,416	5,503	5,913	9,630	4,661	4,968	1,529	702	827
Civilian labor force .....	9,115	4,810	4,305	7,914	4,167	3,747	990	523	466
Percent of population .....	79.8	87.4	72.8	82.2	89.4	75.4	64.7	74.6	56.4
Employed .....	7,502	3,870	3,632	6,722	3,448	3,274	617	323	294
Agriculture .....	200	168	32	193	163	30	2	2	-
Nonagricultural industries .....	7,302	3,702	3,600	6,529	3,285	3,244	615	321	294
Unemployed .....	1,612	939	673	1,193	719	473	373	200	173
Looking for full-time work .....	1,410	840	570	1,010	632	378	353	188	165
Looking for part-time work .....	203	100	103	183	88	95	20	12	8
Percent of labor force .....	17.7	19.5	15.6	15.1	17.3	12.6	37.7	38.2	37.0
Not in labor force .....	2,301	693	1,608	1,716	495	1,221	539	178	361

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-8. Employment status of male Vietnam-era veterans and nonveterans by age**

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Jan. 1983	Jan. 1984	Total		Employed		Unemployed			
			Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Number		Percent of labor force	
							Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
<b>VETERANS</b>										
Total, 25 years and over .....	8,268	7,909	7,776	7,383	6,893	6,812	883	571	11.4	7.7
25 to 29 years .....	6,577	5,684	6,284	5,445	5,517	4,983	767	462	12.2	8.5
25 to 29 years .....	966	579	916	545	716	459	200	86	21.8	15.8
30 to 34 years .....	2,545	1,927	2,393	1,820	2,094	1,635	299	185	12.5	10.2
35 to 39 years .....	3,066	3,178	2,975	3,080	2,707	2,889	268	191	9.0	6.2
40 years and over .....	1,691	2,225	1,492	1,938	1,376	1,829	116	109	7.8	5.6
<b>NONVETERANS</b>										
Total, 25 to 39 years .....	19,214	20,613	18,094	19,394	16,065	17,744	2,029	1,650	11.2	8.5
25 to 29 years .....	8,471	8,845	7,882	8,251	6,801	7,430	1,081	821	13.7	10.0
30 to 34 years .....	6,409	7,123	6,096	6,731	5,527	6,199	569	532	9.3	7.9
35 to 39 years .....	4,334	4,645	4,116	4,412	3,737	4,115	379	297	9.2	6.7

NOTE: Male Vietnam-era veterans are those who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Armed Forces; published data

are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-9. Full- and part-time status of the civilian labor force by sex, age, and race**

(Numbers in thousands)

Sex, age, and race	January 1984								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Total, 16 years and over .....	94,981	80,856	6,010	8,115	8.5	16,044	14,404	1,640	10.2
16 to 19 years .....	3,099	1,784	592	724	23.4	4,119	3,364	755	18.3
16 to 17 years .....	323	137	73	114	35.2	2,205	1,744	461	20.9
18 to 19 years .....	2,776	1,647	519	610	22.0	1,914	1,619	294	15.4
20 years and over .....	91,882	79,072	5,419	7,391	8.0	11,925	11,040	884	7.4
20 to 24 years .....	13,255	10,039	1,339	1,877	14.2	2,452	2,163	289	11.8
25 years and over .....	78,628	69,033	4,081	5,514	7.0	9,472	8,876	595	6.3
25 to 54 years .....	66,728	58,430	3,435	4,863	7.3	6,545	6,086	459	7.0
55 years and over .....	11,899	10,603	646	651	5.5	2,927	2,790	136	4.6
<b>Men, 16 years and over .....</b>	<b>57,461</b>	<b>49,603</b>	<b>2,814</b>	<b>5,045</b>	<b>8.8</b>	<b>5,165</b>	<b>4,413</b>	<b>752</b>	<b>14.6</b>
16 to 19 years .....	1,674	995	257	422	25.2	2,029	1,595	434	21.4
20 years and over .....	55,788	48,608	2,557	4,623	8.3	3,136	2,818	318	10.1
20 to 24 years .....	7,415	5,552	712	1,150	15.5	1,026	888	138	13.4
25 years and over .....	48,373	43,055	1,844	3,472	7.2	2,110	1,929	180	8.5
25 to 54 years .....	40,734	36,157	1,540	3,036	7.5	925	808	117	12.6
55 years and over .....	7,638	6,899	304	436	5.7	1,185	1,122	62	5.2
<b>Women, 16 years and over .....</b>	<b>37,520</b>	<b>31,253</b>	<b>3,196</b>	<b>3,071</b>	<b>8.2</b>	<b>10,879</b>	<b>9,991</b>	<b>888</b>	<b>8.2</b>
16 to 19 years .....	1,425	789	334	302	21.2	2,090	1,769	321	15.4
20 years and over .....	36,094	30,464	2,862	2,768	7.7	8,789	8,222	566	6.4
20 to 24 years .....	5,840	4,487	626	726	12.4	1,426	1,275	151	10.6
25 years and over .....	30,254	25,977	2,236	2,042	6.7	7,362	6,947	415	5.6
25 to 54 years .....	25,994	22,272	1,894	1,827	7.0	5,620	5,278	342	6.1
55 years and over .....	4,260	3,705	342	215	5.0	1,742	1,669	73	4.2
<b>White</b>									
<b>Men, 16 years and over .....</b>	<b>50,638</b>	<b>44,354</b>	<b>2,314</b>	<b>3,970</b>	<b>7.8</b>	<b>4,579</b>	<b>3,961</b>	<b>619</b>	<b>13.5</b>
16 to 19 years .....	1,475	932	213	331	22.4	1,803	1,450	354	19.6
20 years and over .....	49,163	43,422	2,102	3,640	7.4	2,776	2,511	265	9.5
20 to 24 years .....	6,381	4,968	553	860	13.5	910	788	122	13.5
25 years and over .....	42,783	38,454	1,548	2,780	6.5	1,866	1,723	142	7.6
25 to 54 years .....	35,808	32,116	1,278	2,414	6.7	779	685	95	12.2
55 years and over .....	6,974	6,338	269	366	5.2	1,086	1,038	47	4.3
<b>Women, 16 years and over .....</b>	<b>31,630</b>	<b>26,784</b>	<b>2,679</b>	<b>2,168</b>	<b>6.9</b>	<b>9,919</b>	<b>9,177</b>	<b>742</b>	<b>7.5</b>
16 to 19 years .....	1,231	739	295	196	16.0	1,901	1,642	258	13.6
20 years and over .....	30,399	26,044	2,384	1,971	6.5	8,018	7,534	484	6.0
20 to 24 years .....	4,998	3,975	527	496	9.9	1,276	1,150	126	9.9
25 years and over .....	25,402	22,070	1,857	1,475	5.8	6,743	6,384	358	5.3
25 to 54 years .....	21,668	18,796	1,573	1,299	6.0	5,177	4,886	291	5.6
55 years and over .....	3,733	3,273	284	176	4.7	1,566	1,499	67	4.3
<b>Black</b>									
<b>Men, 16 years and over .....</b>	<b>5,479</b>	<b>4,121</b>	<b>416</b>	<b>941</b>	<b>17.2</b>	<b>426</b>	<b>311</b>	<b>114</b>	<b>26.9</b>
16 to 19 years .....	164	47	32	84	51.6	172	100	72	41.6
20 years and over .....	5,315	4,074	384	857	16.1	254	211	43	16.9
20 to 24 years .....	880	464	147	270	30.6	79	69	10	13.2
25 years and over .....	4,434	3,612	237	588	13.3	174	143	32	18.4
25 to 54 years .....	3,894	3,153	212	531	13.6	96	79	18	18.8
55 years and over .....	540	459	25	57	10.6	78	64	14	17.9
<b>Women, 16 years and over .....</b>	<b>4,841</b>	<b>3,599</b>	<b>448</b>	<b>794</b>	<b>16.4</b>	<b>733</b>	<b>618</b>	<b>115</b>	<b>15.7</b>
16 to 19 years .....	161	39	33	89	55.5	153	94	59	38.7
20 years and over .....	4,680	3,560	416	705	15.1	581	524	56	9.7
20 to 24 years .....	715	413	90	212	29.6	102	82	20	19.6
25 years and over .....	3,966	3,145	326	478	12.0	478	441	36	7.5
25 to 54 years .....	3,537	2,792	281	462	13.1	327	295	31	9.5
55 years and over .....	429	353	45	16	3.6	151	146	5	3.3

<sup>1</sup> Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-10. Employment status of persons in families by family relationship**

(Numbers in thousands)

Family relationship	January 1984									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over, in families <sup>1</sup> .....	91,909	63.6	83,800	8,110	8.8	52,682	26,626	8,994	1,859	15,204
Husbands .....	38,811	78.5	36,620	2,191	5.6	10,653	149	220	861	9,423
With employed wife .....	22,087	91.4	20,996	1,091	4.9	2,073	43	124	281	1,624
With unemployed wife .....	1,417	91.6	1,176	241	17.0	129	-	10	27	93
With wife not in labor force .....	15,306	64.4	14,448	859	5.6	8,452	107	86	553	7,706
Wives .....	25,706	52.0	24,160	1,547	6.0	23,758	21,225	331	258	1,943
With employed husband .....	22,173	60.5	20,996	1,176	5.3	14,448	13,486	263	66	633
With unemployed husband .....	1,332	60.8	1,091	241	18.1	859	764	25	21	49
With husband not in labor force .....	2,202	20.7	2,073	129	5.9	8,452	6,975	44	172	1,262
Relatives in married-couple families .....	13,300	59.8	11,177	2,123	16.0	8,936	946	6,149	252	1,588
16 to 19 years .....	4,885	48.2	4,059	826	16.9	5,241	147	4,676	9	409
20 to 24 years .....	5,456	74.3	4,648	808	14.8	1,887	187	1,295	31	375
25 years and over .....	2,959	62.1	2,470	489	16.5	1,808	612	178	212	804
Women who maintain families .....	5,884	59.7	5,236	648	11.0	3,977	3,049	152	138	638
Relatives in families maintained by women .....	5,148	57.0	3,951	1,196	23.2	3,879	867	1,794	241	978
16 to 19 years .....	1,277	42.5	874	403	31.6	1,730	128	1,433	3	166
20 to 24 years .....	1,726	73.2	1,285	441	25.6	631	142	292	15	182
25 years and over .....	2,145	58.6	1,792	352	16.4	1,518	597	69	223	630
Men who maintain families .....	1,664	76.1	1,497	167	10.1	521	30	33	56	403
Relatives in families maintained by men .....	1,396	59.3	1,159	238	17.0	958	360	315	53	231
16 to 19 years .....	261	49.7	192	68	26.2	263	19	229	-	15
20 to 24 years .....	430	75.6	357	73	17.0	139	47	66	-	25
25 years and over .....	705	56.0	610	97	13.8	556	294	20	53	191

<sup>1</sup> Excludes persons living alone or with nonrelatives, persons in married-couple families where the husband is in the Armed Forces, persons in unrelated subfamilies, and those whose family status is unknown.

NOTE: Because of the introduction of new estimation techniques, these

data are not comparable with those for earlier years. Moreover, estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data.

A-11. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
Total, 16 years and over .....	7,552	5,797	12.2	9.3	4,965	3,958	10.4	8.2
Married, spouse present .....	3,402	2,353	8.4	5.8	2,199	1,688	8.4	6.3
Widowed, divorced, or separated .....	894	726	15.9	12.5	1,071	864	11.4	9.1
Single (never married) .....	3,257	2,717	20.4	16.6	1,695	1,406	14.0	11.4
White, 16 years and over .....	6,003	4,589	11.0	8.3	3,769	2,910	9.2	7.0
Married, spouse present .....	2,923	2,022	8.0	5.5	1,876	1,435	8.0	6.0
Widowed, divorced, or separated .....	660	539	14.3	11.3	760	602	10.1	7.9
Single (never married) .....	2,420	2,028	17.9	14.7	1,133	873	11.3	8.6
Black, 16 years and over .....	1,358	1,055	23.3	17.9	1,066	910	19.1	16.3
Married, spouse present .....	396	263	13.4	9.1	256	178	11.9	8.4
Widowed, divorced, or separated .....	209	158	23.9	17.7	288	238	17.4	14.6
Single (never married) .....	753	634	37.8	30.0	522	494	29.7	27.0
Total, 25 years and over .....	4,747	3,652	9.6	7.2	3,100	2,457	8.4	6.5
Married, spouse present .....	3,021	2,142	8.0	5.6	1,777	1,331	7.6	5.6
Widowed, divorced, or separated .....	819	650	15.4	11.7	924	769	10.5	8.6
Single (never married) .....	908	860	14.4	12.8	400	357	8.8	7.5
White, 25 years and over .....	3,797	2,922	8.7	6.5	2,357	1,834	7.5	5.7
Married, spouse present .....	2,574	1,826	7.5	5.3	1,515	1,133	7.3	5.3
Widowed, divorced, or separated .....	597	484	13.7	10.6	644	520	9.1	7.2
Single (never married) .....	626	612	11.9	11.0	198	181	5.6	4.9
Black, 25 years and over .....	834	620	18.6	13.4	651	530	14.8	11.9
Married, spouse present .....	369	251	13.2	9.0	208	135	10.7	6.9
Widowed, divorced, or separated .....	199	138	23.9	15.9	257	228	16.2	14.5
Single (never married) .....	266	230	31.3	24.1	186	168	21.9	18.2

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-12. Unemployed persons by occupation and sex**

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
Total, 16 years and over .....	12,517	9,755	11.4	8.8	12.2	9.3	10.4	8.2
Managerial and professional specialty .....	941	757	3.9	3.0	3.4	2.8	4.5	3.3
Executive, administrative, and managerial .....	498	399	4.4	3.4	3.7	3.0	5.9	4.4
Professional specialty .....	443	359	3.4	2.6	3.1	2.7	3.7	2.6
Technical, sales, and administrative support .....	2,435	1,916	7.3	5.7	6.4	5.0	7.9	6.1
Technicians and related support .....	167	122	5.3	3.7	5.6	4.3	4.9	3.2
Sales occupations .....	978	798	7.9	6.2	5.7	4.6	10.2	7.8
Administrative support, including clerical .....	1,290	996	7.3	5.8	7.8	6.1	7.2	5.7
Service occupations .....	1,774	1,505	11.8	9.9	11.3	10.2	12.1	9.7
Private household .....	81	80	8.1	8.0	( <sup>1</sup> )	( <sup>1</sup> )	8.4	7.8
Protective service .....	119	96	6.9	5.4	6.2	4.7	11.7	10.6
Service, except private household and protective .....	1,574	1,329	12.8	10.7	13.2	12.1	12.5	9.9
Precision production, craft, and repair .....	1,833	1,390	13.6	10.0	13.8	10.0	10.7	9.2
Mechanics and repairers .....	418	290	9.2	6.3	9.1	6.3	11.8	9.0
Construction trades .....	952	740	19.8	15.0	19.8	15.0	18.7	14.3
Other precision production, craft, and repair .....	464	359	11.2	8.1	11.6	7.9	9.6	8.7
Operators, fabricators, and laborers .....	3,934	2,627	20.6	13.9	20.9	13.7	19.7	14.6
Machine operators, assemblers, and inspectors .....	1,783	1,136	19.4	12.7	19.8	11.5	19.0	14.2
Transportation and material moving occupations .....	903	527	18.4	11.2	18.5	11.4	17.6	8.5
Handlers, equipment cleaners, helpers, and laborers .....	1,247	964	24.7	18.6	24.8	18.5	24.1	19.0
Construction laborers .....	275	237	38.6	30.5	38.1	29.7	( <sup>1</sup> )	( <sup>1</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	972	727	22.4	16.5	22.2	16.2	23.3	17.9
Farming, forestry, and fishing .....	477	451	13.4	13.6	12.7	14.0	17.5	10.8
No previous work experience .....	1,059	1,026	-	-	-	-	-	-
16 to 19 years .....	731	660	-	-	-	-	-	-
20 to 24 years .....	212	245	-	-	-	-	-	-
25 years and over .....	124	122	-	-	-	-	-	-

<sup>1</sup> Data not shown where base is less than 75,000.

A-13. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
Total, 16 years and over .....	12,517	9,755	11.4	8.8	12.2	9.3	10.4	8.2
Nonagricultural private wage and salary workers .....	9,889	7,321	12.2	8.9	13.3	9.5	10.8	8.2
Mining .....	227	128	20.6	12.8	22.5	13.7	9.9	8.8
Construction .....	1,371	1,086	26.6	20.2	27.7	21.0	14.6	11.2
Manufacturing .....	3,122	2,025	14.3	9.1	13.7	8.3	15.5	10.8
Durable goods .....	2,092	1,172	16.2	8.9	16.1	8.7	16.6	9.5
Lumber and wood products .....	127	101	17.8	14.1	16.6	13.5	24.1	17.2
Furniture and fixtures .....	66	63	13.6	10.8	12.3	10.4	18.1	12.0
Stone, clay, and glass products .....	105	75	17.4	12.0	18.2	11.9	14.1	12.6
Primary metal industries .....	295	133	28.0	13.7	29.0	13.6	19.3	14.9
Fabricated metal products .....	247	148	17.8	10.2	18.5	10.8	15.6	8.2
Machinery, except electrical .....	411	216	15.3	7.9	15.8	8.0	13.8	7.8
Electrical machinery, equipment, and supplies .....	297	160	12.8	6.8	9.6	4.1	17.0	10.4
Transportation equipment .....	352	182	15.0	7.4	15.4	7.4	13.7	7.1
Automobiles .....	207	105	19.0	8.5	17.9	8.2	23.7	9.6
Other transportation equipment .....	144	77	11.5	6.2	13.0	6.5	6.8	4.6
Professional and photographic equipment .....	76	43	10.5	6.5	8.9	7.1	12.9	5.6
Other durable goods industries .....	115	51	20.1	9.4	13.0	7.7	28.2	11.3
Nondurable goods .....	1,030	853	11.5	9.4	9.3	7.6	14.6	12.0
Food and kindred products .....	279	247	15.0	13.6	11.8	11.4	21.9	18.3
Textile mill products .....	84	93	10.6	10.9	11.1	9.7	10.2	12.3
Apparel and other textile products .....	185	167	14.8	12.7	12.7	9.5	15.3	13.4
Paper and allied products .....	61	33	8.2	4.8	5.8	3.7	14.9	8.8
Printing and publishing .....	115	87	7.0	5.1	6.0	4.3	8.3	6.3
Chemicals and allied products .....	102	92	7.9	7.3	6.1	6.4	12.3	9.4
Rubber and miscellaneous plastics products .....	110	74	14.3	9.1	13.1	6.8	16.3	12.4
Other nondurable goods industries .....	96	60	16.1	10.5	13.3	9.3	19.5	12.6
Transportation and public utilities .....	579	376	10.0	6.6	11.1	7.1	6.8	5.2
Transportation .....	482	318	12.0	8.0	12.9	8.4	8.8	6.4
Communications and other public utilities .....	97	58	3.9	2.4	4.3	2.2	3.0	2.8
Wholesale and retail trade .....	2,481	1,935	11.9	9.2	10.9	8.4	13.1	10.2
Wholesale trade .....	389	285	9.1	7.0	8.8	6.2	9.8	8.9
Retail trade .....	2,092	1,651	12.7	9.8	11.7	9.2	13.6	10.3
Finance, insurance, and real estate .....	323	262	5.3	4.2	5.3	4.8	5.3	3.9
Service industries .....	1,786	1,509	8.8	7.3	9.5	8.5	8.3	6.6
Professional services .....	676	545	5.7	4.6	5.9	5.0	5.6	4.5
Other service industries .....	1,110	964	13.2	10.9	12.8	11.3	13.6	10.5
Agricultural wage and salary workers .....	367	323	21.9	21.7	21.0	21.7	25.1	21.6
Government, self-employed, and unpaid family workers .....	1,203	1,083	4.6	4.1	4.6	4.2	4.6	3.9
No previous work experience .....	1,059	1,026	-	-	-	-	-	-

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-14. Unemployed persons by reason for unemployment, sex, and race**

(Numbers in thousands)

Reason for unemployment	Total unemployed		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	12,517	9,755	6,481	4,941	4,173	3,335	1,863	1,479	9,772	7,499	2,424	1,965
Job losers .....	7,978	5,636	5,236	3,727	2,258	1,581	484	328	6,437	4,474	1,530	1,115
On layoff .....	2,947	1,692	1,986	1,093	792	488	170	110	2,533	1,492	380	177
Other job losers .....	5,031	3,944	3,250	2,634	1,466	1,093	314	218	3,904	2,982	1,150	938
Job leavers .....	856	841	356	344	384	392	115	104	666	700	12	16
Reentrants .....	2,633	2,258	756	718	1,338	1,146	540	394	1,940	1,655	602	516
New entrants .....	1,046	1,020	131	151	194	216	721	654	726	669	279	319
<b>PERCENT DISTRIBUTION</b>												
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	63.8	57.7	80.9	75.4	54.1	47.4	26.0	22.1	65.9	59.7	63.1	56.7
On layoff .....	23.6	17.3	30.7	22.1	19.0	14.6	9.1	7.4	25.9	19.9	15.7	9.0
Other job losers .....	40.2	40.4	50.2	53.3	35.1	32.8	16.9	14.7	40.0	39.8	47.4	47.7
Job leavers .....	6.8	8.6	5.5	7.0	9.2	11.8	6.2	7.0	6.8	9.3	.5	.8
Reentrants .....	21.0	23.1	11.7	14.5	32.0	34.4	29.0	26.6	19.9	22.1	24.8	26.2
New entrants .....	8.4	10.5	2.0	3.1	4.7	6.5	38.8	44.2	7.4	8.9	11.5	16.2
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers .....	7.3	5.1	9.0	6.4	5.1	3.5	6.4	4.5	6.8	4.6	13.4	9.7
Job leavers .....	.8	.8	.6	.6	.9	.9	1.5	1.4	.7	.7	.1	.1
Reentrants .....	2.4	2.0	1.3	1.2	3.0	2.6	7.1	5.5	2.0	1.7	5.9	4.5
New entrants .....	1.0	.9	.2	.3	.4	.5	9.5	9.1	.8	.7	2.4	2.8



**A-15. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment**

(Percent distribution)

Reason, sex, and age	January 1984						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over .....	9,755	100.0	37.1	27.6	35.3	13.9	21.4
Job losers .....	5,636	100.0	31.0	29.4	39.6	14.1	25.5
On layoff .....	1,692	100.0	43.2	33.7	23.0	8.7	14.3
Other job losers .....	3,944	100.0	25.8	27.6	46.7	16.4	30.3
Job leavers .....	841	100.0	46.4	24.8	28.8	13.9	14.9
Reentrants .....	2,258	100.0	45.5	25.3	29.2	13.5	15.7
New entrants .....	1,020	100.0	44.5	24.5	31.0	14.1	16.9
Men, 20 years and over .....	4,941	100.0	31.0	28.3	40.7	14.1	26.6
Job losers .....	3,727	100.0	28.7	29.7	41.6	13.4	28.2
On layoff .....	1,093	100.0	39.9	34.8	25.4	9.0	16.4
Other job losers .....	2,634	100.0	24.0	27.6	48.4	15.2	33.1
Job leavers .....	344	100.0	32.4	29.2	38.4	18.7	19.7
Reentrants .....	718	100.0	40.4	23.6	35.9	15.1	20.9
New entrants .....	151	100.0	41.4	13.1	45.5	16.3	29.2
Women, 20 years and over .....	3,335	100.0	40.7	26.8	32.5	13.7	18.7
Job losers .....	1,581	100.0	31.7	29.8	38.5	15.7	22.8
On layoff .....	488	100.0	45.0	32.9	22.1	9.7	12.4
Other job losers .....	1,093	100.0	25.7	28.4	45.9	18.4	27.5
Job leavers .....	392	100.0	52.1	21.3	26.5	13.0	13.6
Reentrants .....	1,146	100.0	49.0	25.6	25.4	11.3	14.1
New entrants .....	216	100.0	42.4	20.9	36.7	13.9	22.7
Both sexes, 16 to 19 years .....	1,479	100.0	49.2	26.8	24.0	13.9	10.1
Job losers .....	328	100.0	54.5	24.3	21.2	14.2	7.0
On layoff .....	110	100.0	69.1	27.2	3.7	2.2	1.5
Other job losers .....	218	100.0	47.2	22.8	30.1	20.3	9.7
Job leavers .....	104	100.0	71.1	23.4	5.5	1.8	3.7
Reentrants .....	394	100.0	44.4	27.5	28.0	16.9	11.1
New entrants .....	654	100.0	45.9	28.3	25.8	13.7	12.1

**A-16. Unemployed persons by duration of unemployment**

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
	Total, 16 years and over .....	12,517	9,755	100.0	100.0	10,625	8,115	100.0
Less than 5 weeks .....	4,042	3,618	32.3	37.1	3,069	2,726	28.9	33.6
5 to 14 weeks .....	3,498	2,689	27.9	27.6	3,022	2,306	28.4	28.4
5 to 10 weeks .....	2,328	1,891	18.6	19.4	1,974	1,608	18.6	19.8
11 to 14 weeks .....	1,170	798	9.3	8.2	1,048	698	9.9	8.6
15 weeks and over .....	4,977	3,448	39.8	35.3	4,534	3,083	42.7	38.0
15 to 26 weeks .....	2,244	1,360	17.9	13.9	1,971	1,150	18.6	14.2
27 weeks and over .....	2,733	2,088	21.8	21.4	2,563	1,933	24.1	23.8
27 to 51 weeks .....	1,320	731	10.5	7.5	1,240	671	11.7	8.3
52 weeks and over .....	1,413	1,358	11.3	13.9	1,323	1,262	12.5	15.6
Average (mean) duration, in weeks .....	18.8	19.8	-	-	20.2	21.5	-	-
Median duration, in weeks .....	10.7	8.8	-	-	12.0	9.9	-	-

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-17. Unemployed persons by sex, age, race, marital status, and duration of unemployment**

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
	January 1984										
Total, 16 years and over .....	9,755	3,618	2,689	1,360	2,088	19.8	8.8	32.3	37.1	39.8	35.3
16 to 19 years .....	1,479	728	397	205	150	11.4	5.2	40.8	49.2	30.0	24.0
20 to 24 years .....	2,166	898	607	275	385	16.9	7.1	38.0	41.5	34.9	30.5
25 to 34 years .....	2,867	1,021	839	411	596	19.8	9.2	28.7	35.6	42.2	35.1
35 to 44 years .....	1,479	474	414	196	396	23.4	11.0	27.0	32.1	43.2	40.0
45 to 54 years .....	976	281	262	134	300	25.9	11.7	27.8	28.8	47.7	44.4
55 to 64 years .....	682	177	147	124	234	30.0	16.6	27.9	26.0	46.4	52.5
65 years and over .....	104	39	22	15	29	25.7	8.4	40.2	37.2	46.5	41.9
Men, 16 years and over .....	5,797	1,929	1,651	819	1,397	22.3	9.8	27.8	33.3	42.6	38.2
16 to 19 years .....	856	397	253	123	83	11.7	5.7	35.6	46.4	33.1	24.1
20 to 24 years .....	1,288	489	376	177	247	18.4	8.3	32.2	37.9	38.6	32.9
25 to 34 years .....	1,748	576	511	254	407	22.2	9.8	24.2	33.0	44.3	37.8
35 to 44 years .....	849	222	257	105	264	27.4	12.4	24.5	26.2	46.1	43.5
45 to 54 years .....	558	117	158	79	204	30.2	15.6	23.5	21.0	50.9	50.7
55 to 64 years .....	437	105	89	72	171	30.4	19.0	24.3	24.1	49.2	55.5
65 years and over .....	61	23	6	9	23	( <sup>1</sup> )	( <sup>1</sup> )	40.8	( <sup>1</sup> )	43.5	( <sup>1</sup> )
Women, 16 years and over .....	3,958	1,689	1,038	541	691	16.2	7.1	39.1	42.7	35.4	31.1
16 to 19 years .....	624	331	144	82	66	10.9	4.7	47.9	53.1	25.8	23.8
20 to 24 years .....	877	409	231	99	139	14.8	5.7	47.4	46.6	29.0	27.0
25 to 34 years .....	1,119	445	328	157	189	16.1	8.2	35.7	39.8	38.9	30.9
35 to 44 years .....	631	252	156	90	132	17.9	9.0	30.4	40.0	39.2	35.3
45 to 54 years .....	419	164	104	55	96	20.1	8.7	34.1	39.2	43.0	36.0
55 to 64 years .....	245	72	58	52	63	23.8	13.6	34.5	29.4	41.4	47.0
65 years and over .....	43	15	16	5	6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
White, 16 years and over .....	7,499	2,894	2,098	1,027	1,481	18.9	8.3	32.5	38.6	38.5	33.4
Men .....	4,589	1,594	1,333	624	1,038	21.3	9.2	28.1	34.7	41.3	36.2
Women .....	2,910	1,300	764	403	443	15.1	6.6	39.5	44.7	34.0	29.1
Black, 16 years and over .....	1,965	599	527	282	557	23.6	10.0	31.5	30.5	45.4	42.7
Men .....	1,055	283	289	166	318	26.4	11.6	26.8	26.8	48.8	45.8
Women .....	910	317	238	117	238	20.4	8.8	37.5	34.8	41.2	39.0
Men, 16 years and over:											
Married, spouse present .....	2,353	675	689	302	687	26.0	11.4	25.4	28.7	43.9	42.0
Widowed, divorced, or separated .....	726	200	198	121	208	25.7	12.8	26.3	27.5	49.5	45.2
Single (never married) .....	2,717	1,054	764	396	502	18.1	7.9	30.8	38.8	39.5	33.1
Women, 16 years and over:											
Married, spouse present .....	1,688	722	484	225	257	15.0	7.4	37.6	42.8	36.1	28.5
Widowed, divorced, or separated .....	864	309	234	129	193	20.0	9.0	35.2	35.7	40.4	37.2
Single (never married) .....	1,406	658	320	187	241	15.3	5.9	43.5	46.8	31.4	30.5

<sup>1</sup> Data not shown where base is less than 75,000.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-18. Unemployed persons by occupation, industry, and duration of unemployment**

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
	January 1984										
<b>OCCUPATION</b>											
Managerial and professional specialty .....	757	259	196	117	185	20.8	10.0	31.3	34.3	45.5	39.9
Technical, sales, and administrative support .....	1,916	787	505	273	350	17.2	8.5	35.6	41.1	38.0	32.5
Service occupations .....	1,505	583	379	246	297	18.4	8.5	34.1	38.8	34.4	36.1
Precision production, craft, and repair .....	1,390	452	407	170	361	23.5	9.7	28.5	32.5	39.8	38.2
Operators, fabricators, and laborers .....	2,627	901	739	323	663	22.6	9.4	28.6	34.3	43.6	37.6
Farming, forestry, and fishing .....	451	168	177	61	45	13.2	7.5	36.2	37.2	30.2	23.5
<b>INDUSTRY<sup>1</sup></b>											
Agriculture .....	323	111	150	39	24	11.3	7.6	37.5	34.2	24.0	19.3
Construction .....	1,140	396	391	148	204	18.3	8.1	32.9	34.8	31.3	30.9
Manufacturing .....	2,034	626	521	263	623	26.4	11.6	25.9	30.8	48.7	43.6
Durable goods .....	1,181	311	299	148	422	30.6	14.1	22.5	26.4	54.0	48.3
Nondurable goods .....	853	315	222	115	201	20.7	9.0	32.9	36.9	38.0	37.1
Transportation and public utilities .....	412	129	106	68	110	24.5	10.2	28.9	31.3	43.0	43.1
Wholesale and retail trade .....	1,960	795	536	265	364	17.1	7.8	34.6	40.6	37.9	32.1
Finance and service industries .....	2,136	852	538	325	422	18.4	8.7	33.8	39.9	38.2	35.0
Public administration .....	339	107	109	60	64	19.3	10.7	33.9	31.5	39.5	36.4
No previous work experience .....	1,026	460	250	145	172	16.5	6.3	41.5	44.8	37.4	30.9

<sup>1</sup> Includes wage and salary workers only.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-19. Unemployed jobseekers by sex, age, race, and jobsearch methods used**

Sex, age, and race	January 1984								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers						
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over .....	9,755	7,928	25.6	5.4	76.7	35.0	17.6	5.5	1.66
16 to 19 years .....	1,479	1,347	17.7	3.3	81.8	25.9	13.8	3.6	1.46
20 to 24 years .....	2,166	1,842	26.8	4.1	78.0	33.0	18.4	5.0	1.65
25 to 34 years .....	2,867	2,274	29.0	6.4	74.1	36.2	18.4	5.7	1.70
35 to 44 years .....	1,479	1,136	29.6	9.1	77.9	42.3	18.2	5.5	1.83
45 to 54 years .....	976	733	25.9	5.7	74.6	40.0	17.2	6.3	1.70
55 to 64 years .....	682	517	19.3	3.7	72.9	38.7	18.2	9.9	1.63
65 years and over .....	104	79	12.7	1.3	60.8	26.6	29.1	7.6	1.38
Men, 16 years and over .....	5,797	4,546	27.9	5.0	78.4	32.3	19.9	6.4	1.70
16 to 19 years .....	856	774	19.3	2.7	83.7	23.0	14.7	3.5	1.47
20 to 24 years .....	1,288	1,056	29.1	3.0	78.5	30.6	20.6	5.5	1.67
25 to 34 years .....	1,748	1,316	32.6	6.2	75.5	34.0	20.7	6.6	1.76
35 to 44 years .....	849	622	33.6	10.5	80.1	40.7	21.7	7.2	1.94
45 to 54 years .....	558	394	27.4	3.6	78.2	37.1	21.6	7.9	1.76
55 to 64 years .....	437	333	18.6	3.9	76.6	32.4	19.5	12.9	1.64
65 years and over .....	61	52	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 16 years and over .....	3,958	3,383	22.4	6.0	74.4	38.6	14.4	4.2	1.60
16 to 19 years .....	624	573	15.5	4.0	79.2	29.8	12.6	3.8	1.45
20 to 24 years .....	877	786	23.7	5.6	77.4	36.3	15.4	4.3	1.63
25 to 34 years .....	1,119	958	24.0	6.7	72.3	39.2	15.1	4.4	1.62
35 to 44 years .....	631	514	24.7	7.2	75.5	44.2	14.0	3.5	1.69
45 to 54 years .....	419	339	24.2	8.3	70.5	43.7	11.8	4.1	1.63
55 to 64 years .....	245	185	20.5	3.2	65.9	49.7	15.7	3.8	1.59
65 years and over .....	43	28	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
White, 16 years and over .....	7,499	5,894	24.6	5.6	76.8	36.7	17.4	5.7	1.67
Men .....	4,589	3,459	26.7	5.1	78.5	33.0	19.6	6.9	1.70
Women .....	2,910	2,435	21.6	6.2	74.5	42.0	14.3	4.0	1.63
Black, 16 years and over .....	1,965	1,777	28.1	5.0	76.8	17.4	29.9	4.6	1.62
Men .....	1,055	951	31.3	4.3	79.2	20.0	30.5	4.6	1.70
Women .....	910	826	24.5	5.8	74.1	14.5	29.3	4.6	1.53

<sup>1</sup> Data not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or waiting to begin a new job within 30 days

are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

A-20. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	January 1984								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over .....	9,755	7,928	25.6	5.4	76.7	35.0	17.6	5.5	1.66
Job losers <sup>1</sup> .....	5,636	3,930	30.8	6.0	77.0	36.9	19.7	6.2	1.77
Job leavers .....	841	852	24.1	6.6	79.6	41.5	15.6	3.4	1.71
Reentrants .....	2,258	2,130	21.0	4.6	73.7	33.4	15.0	5.5	1.53
New entrants .....	1,020	1,016	16.2	3.8	79.7	25.5	16.2	4.2	1.46
Men, 16 years and over .....	5,797	4,546	27.9	5.0	78.4	32.3	19.9	6.4	1.70
Job losers <sup>1</sup> .....	3,934	2,755	31.4	5.2	77.6	34.2	20.9	7.6	1.77
Job leavers .....	390	401	24.7	5.0	82.5	40.9	19.2	3.0	1.75
Reentrants .....	954	873	25.2	4.8	75.4	28.4	17.6	6.0	1.57
New entrants .....	519	518	16.2	4.1	84.4	22.0	18.7	3.7	1.49
Women, 16 years and over .....	3,958	3,383	22.4	6.0	74.4	38.6	14.4	4.2	1.60
Job losers <sup>1</sup> .....	1,702	1,176	29.1	8.0	75.4	43.2	16.9	3.0	1.76
Job leavers .....	450	451	23.5	8.0	77.2	42.1	12.2	3.8	1.67
Reentrants .....	1,304	1,257	18.2	4.5	72.5	36.9	13.2	5.2	1.50
New entrants .....	501	498	16.3	3.6	74.9	29.1	13.5	4.8	1.42

<sup>1</sup> Data on the number of jobseekers and the jobsearch methods used exclude persons on layoff.

NOTE: The jobseeker total is less than the total unemployed because it does not include persons on layoff or waiting to begin a new job within

30 days, groups for whom jobseeking information is not collected. The percent using each method will always total more than 100 because many jobseekers use more than one method.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-21. Employed civilians in agriculture and nonagricultural industries by age and sex**

(In thousands)

Industry and age	Total		Men		Women	
	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
All industries .....	97,262	101,270	54,404	56,830	42,858	44,440
16 to 19 years .....	5,709	5,739	2,876	2,847	2,834	2,892
16 to 17 years .....	2,048	1,954	1,040	982	1,008	972
18 to 19 years .....	3,661	3,785	1,836	1,865	1,825	1,920
20 to 24 years .....	13,034	13,541	6,768	7,152	6,266	6,389
25 to 54 years .....	64,499	67,950	36,485	38,506	28,014	29,445
25 to 34 years .....	27,791	29,326	15,569	16,475	12,222	12,851
35 to 44 years .....	21,170	22,783	11,918	12,897	9,251	9,886
45 to 54 years .....	15,538	15,842	8,998	9,134	6,540	6,708
55 to 64 years .....	11,231	11,238	6,592	6,631	4,639	4,607
55 to 59 years .....	6,738	6,862	3,957	4,037	2,781	2,825
60 to 64 years .....	4,493	4,376	2,635	2,594	1,858	1,783
65 years and over .....	2,789	2,801	1,683	1,694	1,106	1,107
Agriculture .....	2,921	2,807	2,393	2,281	528	526
16 to 19 years .....	228	179	189	151	38	28
16 to 17 years .....	99	71	86	63	14	7
18 to 19 years .....	129	109	104	88	25	21
20 to 24 years .....	381	308	307	241	73	68
25 to 54 years .....	1,630	1,666	1,287	1,332	343	334
25 to 34 years .....	688	645	552	527	136	118
35 to 44 years .....	512	590	399	476	113	114
45 to 54 years .....	429	432	336	329	93	102
55 to 64 years .....	424	405	371	343	53	62
55 to 59 years .....	223	211	199	179	24	32
60 to 64 years .....	200	195	172	165	29	30
65 years and over .....	259	247	238	213	20	34
Nonagricultural industries .....	94,341	98,463	52,012	54,549	42,330	43,914
16 to 19 years .....	5,482	5,560	2,686	2,696	2,795	2,864
16 to 17 years .....	1,949	1,883	954	919	995	964
18 to 19 years .....	3,533	3,677	1,732	1,777	1,801	1,900
20 to 24 years .....	12,653	13,233	6,461	6,912	6,192	6,321
25 to 54 years .....	62,868	66,284	35,198	37,172	27,672	29,112
25 to 34 years .....	27,102	28,681	15,016	15,948	12,086	12,734
35 to 44 years .....	20,657	22,193	11,519	12,421	9,138	9,772
45 to 54 years .....	15,109	15,410	8,662	8,804	6,447	6,606
55 to 64 years .....	10,807	10,833	6,222	6,288	4,586	4,545
55 to 59 years .....	6,515	6,651	3,758	3,859	2,756	2,792
60 to 64 years .....	4,293	4,182	2,463	2,429	1,829	1,753
65 years and over .....	2,530	2,554	1,445	1,481	1,085	1,073

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-22. Employed civilians by occupation, sex, and age**

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
<b>Total</b> .....	97,262	101,270	54,404	56,830	51,529	53,983	42,858	44,440	40,024	41,548
<b>Managerial and professional specialty</b> .....	23,363	24,384	13,872	14,283	13,807	14,195	9,491	10,100	9,413	10,018
Executive, administrative, and managerial .....	10,697	11,169	7,246	7,485	7,215	7,452	3,451	3,684	3,421	3,655
Officials and administrators, public administration .....	521	491	337	299	337	299	184	192	184	188
Other executive, administrative, and managerial .....	7,226	7,567	5,165	5,350	5,136	5,322	2,061	2,218	2,039	2,203
Management-related occupations .....	2,950	3,111	1,744	1,836	1,742	1,831	1,207	1,274	1,198	1,263
<b>Professional specialty</b> .....	12,665	13,214	6,626	6,798	6,592	6,743	6,039	6,416	5,992	6,364
Engineers .....	1,496	1,582	1,414	1,497	1,415	1,498	82	85	82	85
Mathematical and computer scientists .....	435	472	313	360	313	361	122	112	122	112
Natural scientists .....	389	347	315	283	315	282	74	64	74	64
Health diagnosing occupations .....	723	712	623	605	621	605	101	106	101	106
Health assessment and treating occupations .....	1,810	1,880	288	248	284	248	1,523	1,632	1,520	1,625
Teachers, college and university .....	622	631	399	410	398	409	223	221	219	221
Teachers, except college and university .....	3,593	3,635	1,067	1,023	1,062	1,008	2,526	2,612	2,515	2,581
Lawyers and judges .....	613	645	518	560	518	560	95	86	95	86
Other professional specialty occupations .....	2,985	3,310	1,690	1,812	1,668	1,774	1,295	1,498	1,264	1,484
<b>Technical, sales, and administrative support</b> .....	30,696	31,466	10,670	11,292	10,203	10,762	20,026	20,175	18,525	18,705
Technicians and related support .....	3,000	3,129	1,531	1,593	1,516	1,573	1,469	1,536	1,447	1,511
Health technologists and technicians .....	1,068	1,128	147	164	145	156	921	964	908	946
Engineering and science technicians .....	1,070	1,037	836	815	829	807	234	222	228	214
Technicians, except health, engineering, and science .....	862	964	548	614	542	610	314	350	311	350
Sales occupations .....	11,339	12,108	5,905	6,381	5,609	6,023	5,434	5,727	4,624	4,904
Supervisors and proprietors .....	2,746	3,152	1,977	2,262	1,963	2,244	769	889	748	882
Sales representatives, finance and business services .....	1,781	1,885	1,116	1,174	1,104	1,166	665	711	650	703
Sales representatives, commodities, except retail .....	1,390	1,412	1,196	1,191	1,195	1,181	194	222	188	221
Sales workers, retail and personal services .....	5,387	5,609	1,595	1,729	1,328	1,409	3,792	3,880	3,023	3,075
Sales-related occupations .....	34	50	20	25	19	23	14	25	14	23
Administrative support, including clerical .....	16,357	16,230	3,234	3,317	3,078	3,166	13,123	12,912	12,454	12,290
Supervisors .....	636	627	293	305	292	303	343	322	343	320
Computer equipment operators .....	570	692	207	267	201	262	363	425	348	399
Secretaries, stenographers, and typists .....	4,763	4,804	61	83	58	73	4,702	4,721	4,464	4,518
Financial records processing .....	2,592	2,373	301	265	287	258	2,291	2,108	2,220	2,056
Mail and message distributing .....	781	780	530	535	501	520	250	245	244	242
Other administrative support, including clerical .....	7,015	6,954	1,841	1,863	1,738	1,750	5,174	5,091	4,835	4,755
<b>Service occupations</b> .....	13,302	13,724	5,351	5,333	4,499	4,530	7,951	8,390	6,937	7,334
Private household .....	915	913	38	41	27	27	877	872	649	685
Protective service .....	1,617	1,669	1,422	1,472	1,397	1,442	195	197	185	190
Service, except private household and protective .....	10,770	11,142	3,891	3,821	3,076	3,061	6,879	7,321	6,102	6,459
Food service .....	4,588	4,822	1,701	1,693	1,133	1,146	2,887	3,129	2,368	2,502
Health service .....	1,739	1,776	178	166	162	157	1,561	1,609	1,438	1,514
Cleaning and building service .....	2,577	2,726	1,583	1,653	1,414	1,482	993	1,073	937	1,010
Personal service .....	1,867	1,818	429	308	366	276	1,438	1,510	1,359	1,433
<b>Precision production, craft, and repair</b> .....	11,623	12,570	10,785	11,476	10,523	11,174	838	1,093	804	1,047
Mechanics and repairers .....	4,113	4,283	3,975	4,160	3,864	4,031	138	123	133	119
Construction trades .....	3,853	4,208	3,788	4,132	3,693	4,004	64	76	59	68
Other precision production, craft, and repair .....	3,658	4,079	3,021	3,185	2,966	3,138	636	894	613	861
<b>Operators, fabricators, and laborers</b> .....	15,186	16,254	11,067	12,006	10,071	11,046	4,119	4,248	3,956	4,045
Machine operators, assemblers, and inspectors .....	7,393	7,841	4,255	4,594	4,101	4,426	3,137	3,247	3,059	3,138
Manufacturing industries .....	6,188	6,670	3,479	3,861	3,380	3,729	2,710	2,809	2,655	2,718
Durable goods .....	3,304	3,646	2,169	2,521	2,103	2,452	1,136	1,125	1,111	1,087
Nondurable goods .....	2,884	3,024	1,310	1,340	1,277	1,276	1,574	1,684	1,544	1,631
Nonmanufacturing industries .....	1,204	1,170	777	733	721	697	428	437	405	421
Transportation and material moving occupations .....	3,993	4,190	3,656	3,840	3,523	3,730	336	350	326	336
Motor vehicle operators .....	2,875	3,059	2,600	2,762	2,495	2,675	275	297	264	285
Other transportation and material moving occupations .....	1,118	1,132	1,056	1,079	1,028	1,054	62	53	62	52
Handlers, equipment cleaners, helpers, and laborers .....	3,801	4,223	3,155	3,571	2,448	2,890	645	651	571	571
Construction laborers .....	437	539	429	529	373	478	8	11	7	8
Other handlers, equipment cleaners, helpers, and laborers .....	3,364	3,683	2,726	3,042	2,075	2,412	637	640	563	563
<b>Farming, forestry, and fishing</b> .....	3,084	2,873	2,654	2,440	2,426	2,276	429	433	386	398
Farm operators and managers .....	1,403	1,343	1,260	1,171	1,248	1,165	144	172	141	170
Other farming, forestry, and fishing occupations .....	1,681	1,530	1,395	1,269	1,178	1,111	286	261	244	228

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-23. Employed civilians by occupation, race, and sex**

(Percent distribution)

Occupation and race	Total		Men		Women	
	January 1983	January 1984	January 1983	January 1984	January 1983	January 1984
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	97,262	101,270	54,404	56,830	42,858	44,440
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	24.0	24.1	25.5	25.1	22.1	22.7
Executive, administrative, and managerial .....	11.0	11.0	13.3	13.2	8.1	8.3
Professional specialty .....	13.0	13.0	12.2	12.0	14.1	14.4
Technical, sales, and administrative support .....	31.6	31.1	19.6	19.9	46.7	45.4
Technicians and related support .....	3.1	3.1	2.8	2.8	3.4	3.5
Sales occupations .....	11.7	12.0	10.9	11.2	12.7	12.9
Administrative support, including clerical .....	16.8	16.0	5.9	5.8	30.6	29.1
Service occupations .....	13.7	13.6	9.8	9.4	18.6	18.9
Private household .....	.9	.9	.1	.1	2.0	2.0
Protective service .....	1.7	1.6	2.6	2.6	.5	.4
Service, except private household and protective .....	11.1	11.0	7.2	6.7	16.1	16.5
Precision production, craft, and repair .....	12.0	12.4	19.8	20.2	2.0	2.5
Operators, fabricators, and laborers .....	15.6	16.0	20.3	21.1	9.6	9.6
Machine operators, assemblers, and inspectors .....	7.6	7.7	7.8	8.1	7.3	7.3
Transportation and material moving occupations .....	4.1	4.1	6.7	6.8	.8	.8
Handlers, equipment cleaners, helpers, and laborers .....	3.9	4.2	5.8	6.3	1.5	1.5
Farming, forestry, and fishing .....	3.2	2.8	4.9	4.3	1.0	1.0
<b>White</b>						
Total, 16 years and over (thousands) .....	85,760	89,268	48,532	50,629	37,228	38,639
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	25.0	25.1	26.7	26.2	22.8	23.5
Executive, administrative, and managerial .....	11.7	11.6	14.1	13.9	8.4	8.7
Professional specialty .....	13.3	13.4	12.5	12.3	14.4	14.8
Technical, sales, and administrative support .....	32.3	31.7	20.0	20.2	48.3	46.8
Technicians and related support .....	3.1	3.1	2.8	2.8	3.4	3.4
Sales occupations .....	12.3	12.6	11.5	11.9	13.5	13.6
Administrative support, including clerical .....	16.8	16.0	5.7	5.5	31.4	29.7
Service occupations .....	12.3	12.3	8.8	8.4	17.0	17.4
Private household .....	.7	.7	( <sup>1</sup> )	.1	1.6	1.6
Protective service .....	1.6	1.6	2.5	2.4	.4	.4
Service, except private household and protective .....	10.0	10.0	6.2	5.9	14.9	15.4
Precision production, craft, and repair .....	12.4	12.8	20.4	20.8	1.9	2.4
Operators, fabricators, and laborers .....	14.8	15.2	19.3	20.1	8.9	8.9
Machine operators, assemblers, and inspectors .....	7.1	7.3	7.4	7.8	6.7	6.6
Transportation and material moving occupations .....	4.0	4.0	6.5	6.4	.8	.8
Handlers, equipment cleaners, helpers, and laborers .....	3.7	4.0	5.4	5.9	1.4	1.5
Farming, forestry, and fishing .....	3.2	2.9	4.9	4.3	1.1	1.1
<b>Black</b>						
Total, 16 years and over (thousands) .....	8,973	9,513	4,466	4,848	4,507	4,665
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	14.4	14.3	12.3	12.9	16.6	15.8
Executive, administrative, and managerial .....	5.2	5.6	5.3	6.3	5.2	5.0
Professional specialty .....	9.2	8.7	7.0	6.6	11.4	10.8
Technical, sales, and administrative support .....	25.7	25.5	15.0	15.5	36.2	35.8
Technicians and related support .....	2.8	2.6	2.1	1.0	3.6	3.4
Sales occupations .....	5.7	6.1	4.8	5.2	6.6	7.1
Administrative support, including clerical .....	17.1	16.8	8.1	8.5	26.1	25.4
Service occupations .....	25.6	24.7	19.3	18.2	31.7	31.3
Private household .....	3.0	2.7	.3	.2	5.7	5.4
Protective service .....	2.4	2.6	4.0	4.4	.7	.8
Service, except private household and protective .....	20.1	19.3	15.0	13.7	25.3	25.1
Precision production, craft, and repair .....	8.6	9.2	15.7	15.7	1.4	2.4
Operators, fabricators, and laborers .....	23.1	24.1	32.5	33.3	13.7	14.5
Machine operators, assemblers, and inspectors .....	11.2	11.8	11.8	11.7	10.6	11.9
Transportation and material moving occupations .....	5.3	6.2	9.7	11.1	.8	1.2
Handlers, equipment cleaners, helpers, and laborers .....	6.6	6.1	11.0	10.5	2.3	1.4
Farming, forestry, and fishing .....	2.7	2.3	5.1	4.4	.3	.1

<sup>1</sup> Less than 0.05 percent.



A-24. Employed civilians by age, sex, and class of worker

(In thousands)

Age and sex	January 1984								
	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self-employed workers	Unpaid family workers	Wage and salary workers	Self-employed workers	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over .....	90,416	1,099	15,675	73,642	7,714	333	1,169	1,471	167
16 to 19 years .....	5,434	233	268	4,933	102	24	135	8	36
16 to 17 years .....	1,818	155	55	1,609	56	9	55	1	15
18 to 19 years .....	3,615	78	213	3,325	47	15	80	8	21
20 to 24 years .....	12,814	109	1,136	11,570	402	16	203	82	23
25 to 34 years .....	26,682	149	4,492	22,040	1,931	69	348	275	22
35 to 44 years .....	20,104	142	4,389	15,573	1,992	97	220	345	26
45 to 54 years .....	13,798	143	3,021	10,633	1,542	71	120	281	31
55 to 64 years .....	9,572	206	2,042	7,325	1,216	44	108	280	18
55 to 59 years .....	5,939	96	1,315	4,527	680	32	61	141	9
60 to 64 years .....	3,633	109	726	2,798	536	13	47	139	9
65 years and over .....	2,012	118	327	1,567	529	13	34	201	12
Men, 16 years and over .....	49,266	138	7,601	41,528	5,247	35	949	1,278	54
16 to 19 years .....	2,614	38	97	2,478	62	20	116	7	29
16 to 17 years .....	870	26	19	824	40	9	49	1	13
18 to 19 years .....	1,744	12	78	1,654	21	11	67	6	15
20 to 24 years .....	6,634	27	515	6,092	271	7	157	74	10
25 to 34 years .....	14,653	21	2,037	12,596	1,291	3	278	242	8
35 to 44 years .....	11,063	10	2,148	8,905	1,356	2	179	293	4
45 to 54 years .....	7,782	12	1,567	6,203	1,023	-	94	235	-
55 to 64 years .....	5,417	10	1,056	4,351	867	3	94	248	2
55 to 59 years .....	3,378	8	663	2,708	480	1	49	128	1
60 to 64 years .....	2,039	2	394	1,643	387	3	45	119	1
65 years and over .....	1,103	20	181	902	377	-	30	181	2
Women, 16 years and over .....	41,150	961	8,074	32,114	2,466	298	220	193	113
16 to 19 years .....	2,820	195	170	2,455	41	3	19	2	7
16 to 17 years .....	949	129	35	785	15	-	6	-	2
18 to 19 years .....	1,871	66	135	1,670	25	3	13	2	6
20 to 24 years .....	6,180	82	621	5,477	131	9	47	8	13
25 to 34 years .....	12,029	128	2,456	9,445	639	65	70	33	15
35 to 44 years .....	9,041	131	2,241	6,668	636	95	41	52	21
45 to 54 years .....	6,016	132	1,454	4,430	518	71	25	46	30
55 to 64 years .....	4,155	195	985	2,974	349	41	14	32	16
55 to 59 years .....	2,561	89	653	1,819	201	31	12	13	8
60 to 64 years .....	1,594	107	333	1,155	148	10	2	19	9
65 years and over .....	909	98	146	665	151	13	4	20	10

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-25. Employed civilians by industry and occupation**

(In thousands)

Industry	January 1984												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service <sup>1</sup>		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture .....	2,807	67	51	11	15	93	-	10	52	11	24	18	2,454
Mining .....	894	157	92	32	5	120	-	10	287	28	119	38	3
Construction .....	5,931	718	111	67	62	380	-	20	3,481	71	359	657	5
Manufacturing .....	20,670	2,106	1,563	772	729	2,532	-	384	4,001	6,670	824	1,016	70
Durable goods .....	12,327	1,267	1,063	527	321	1,495	-	217	2,802	3,646	439	483	66
Nondurable goods .....	8,342	840	500	246	408	1,037	-	167	1,200	3,024	386	533	4
Transportation and public utilities .....	7,057	739	402	192	238	1,837	-	207	1,271	111	1,587	468	6
Wholesale and retail trade .....	21,237	1,702	357	87	8,868	2,132	-	3,999	1,402	254	767	1,633	37
Wholesale trade .....	4,137	451	65	43	1,625	780	-	52	303	135	381	289	12
Retail trade .....	17,100	1,251	292	44	7,242	1,352	-	3,946	1,099	119	386	1,344	25
Finance, insurance, and real estate .....	6,676	1,623	155	129	1,546	2,783	-	241	112	12	12	25	38
Services .....	31,466	3,102	9,867	1,637	624	5,150	913	6,812	1,709	633	466	330	225
Private households .....	1,104	3	17	16	-	8	913	59	10	-	-	42	37
Other service industries .....	30,362	3,099	9,850	1,621	624	5,142	-	6,753	1,699	633	466	287	187
Professional services .....	21,063	1,751	8,911	1,375	125	3,743	-	4,165	365	165	307	109	48
Public administration .....	4,532	955	615	201	22	1,203	-	1,128	254	49	32	38	35

<sup>1</sup> Includes protective service, not shown separately.

**A-26. Employed civilians with a job but not at work by reason, sex, and pay status**

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
	Jan. 1983	Jan. 1984	Total		Wage and salary workers <sup>1</sup>			
			Jan. 1983	Jan. 1984	Paid absences		Unpaid absences	
					Jan. 1983	Jan. 1984	Jan. 1983	Jan. 1984
Total, 16 years and over .....	3,828	3,977	3,622	3,800	1,439	1,311	1,533	1,735
Vacation .....	1,140	1,197	1,101	1,170	639	623	324	391
Illness .....	1,356	1,317	1,316	1,287	591	491	603	672
Bad weather .....	195	436	135	366	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Industrial dispute .....	35	23	34	23	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
All other reasons .....	1,102	1,003	1,036	954	209	197	606	672
Men, 16 years and over .....	2,135	2,245	1,950	2,091	835	749	717	854
Vacation .....	642	675	606	657	391	396	137	176
Illness .....	712	705	683	678	335	258	281	360
All other reasons <sup>3</sup> .....	781	864	662	755	109	96	298	317
Women, 16 years and over .....	1,693	1,732	1,672	1,709	604	562	816	878
Vacation .....	498	522	496	513	248	228	186	214
Illness .....	644	613	634	609	255	233	322	310
All other reasons <sup>3</sup> .....	551	598	541	587	100	101	308	353

<sup>1</sup> Excludes private household workers.

<sup>2</sup> Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

<sup>3</sup> Includes bad weather and industrial dispute, not shown separately.

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

**A-27. Persons at work by hours of work and type of industry**

Hours of work	January 1984					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	97,293	2,630	94,663	100.0	100.0	100.0
1 to 34 hours .....	24,339	877	23,463	25.0	33.3	24.8
1 to 4 hours .....	831	33	799	.9	1.3	.8
5 to 14 hours .....	4,563	219	4,344	4.7	8.3	4.6
15 to 29 hours .....	12,175	481	11,694	12.5	18.3	12.4
30 to 34 hours .....	6,770	144	6,626	7.0	5.5	7.0
35 hours and over .....	72,953	1,753	71,201	75.0	66.7	75.2
35 to 39 hours .....	7,064	155	6,909	7.3	5.9	7.3
40 hours .....	41,363	572	40,791	42.5	21.7	43.1
41 hours and over .....	24,526	1,026	23,501	25.2	39.0	24.8
41 to 48 hours .....	9,436	226	9,210	9.7	8.6	9.7
49 to 59 hours .....	9,046	356	8,691	9.3	13.5	9.2
60 hours and over .....	6,044	444	5,600	6.2	16.9	5.9
Average hours, total at work .....	38.2	39.8	38.2	-	-	-
Average hours, workers on full-time schedules .....	42.8	46.1	42.7	-	-	-

**A-28. Persons at work 1 to 34 hours by reason for working less than 35 hours, type of industry, and usual status**

(Numbers in thousands)

Reason for working less than 35 hours	January 1984					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over .....	24,339	7,112	17,227	23,463	6,713	16,749
Economic reasons .....	6,010	2,011	3,999	5,815	1,906	3,909
Slack work .....	2,881	1,697	1,184	2,724	1,592	1,132
Material shortages or repairs to plant and equipment .....	71	71	-	69	69	-
New job started during week .....	151	151	-	151	151	-
Job terminated during week .....	92	92	-	92	92	-
Could find only part-time work .....	2,814	-	2,814	2,776	-	2,776
Other reasons .....	18,328	5,100	13,228	17,649	4,809	12,840
Does not want, or unavailable for, full-time work .....	11,028	-	11,028	10,747	-	10,747
Vacation .....	618	618	-	606	606	-
Illness .....	1,879	1,716	163	1,835	1,687	148
Bad weather .....	1,265	1,265	-	1,143	1,143	-
Industrial dispute .....	13	13	-	13	13	-
Legal or religious holiday .....	143	143	-	142	142	-
Full time for this job .....	1,516	-	1,516	1,483	-	1,483
All other reasons .....	1,869	1,347	522	1,680	1,218	462
Average hours:						
Economic reasons .....	21.7	23.9	20.6	21.8	24.0	20.7
Other reasons .....	20.8	25.8	18.8	20.9	26.1	18.9
Worked 30 to 34 hours:						
Economic reasons .....	1,790	866	924	1,743	829	914
Other reasons .....	4,980	2,662	2,318	4,883	2,610	2,273

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-29. Persons at work in nonagricultural industries by class of worker and full- or part-time status**

(Numbers in thousands)

Industry	January 1984								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over .....	94,663	5,815	12,840	76,008	52,507	9,210	14,291	38.2	42.7
Wage and salary workers .....	87,322	5,107	11,579	70,636	49,952	8,662	12,022	38.1	42.3
Mining .....	812	26	26	760	183	105	219	44.0	45.7
Construction .....	4,450	367	186	3,897	2,930	404	563	38.1	40.5
Manufacturing .....	19,752	756	632	18,364	13,050	2,684	2,630	40.7	42.1
Durable goods .....	11,797	280	252	11,265	7,848	1,712	1,705	41.4	42.3
Nondurable goods .....	7,955	476	380	7,099	5,203	972	924	39.6	41.8
Transportation and public utilities .....	6,422	232	294	5,896	3,997	808	1,091	41.4	43.3
Wholesale and retail trade .....	18,590	1,789	4,437	12,364	8,027	1,715	2,622	35.5	43.1
Finance, insurance, and real estate .....	5,971	145	500	5,326	3,817	668	841	39.5	41.8
Service industries .....	26,941	1,735	5,296	19,910	14,470	1,904	3,536	36.3	42.3
Private households .....	1,058	193	499	366	232	41	93	25.6	47.7
All other industries .....	25,883	1,542	4,797	19,544	14,238	1,863	3,443	36.7	42.2
Public administration .....	4,384	57	208	4,119	3,224	374	521	40.5	41.7
Self-employed workers .....	7,012	680	1,139	5,193	2,444	531	2,218	39.7	47.4
Unpaid family workers .....	329	27	122	180	114	16	50	34.9	45.0

A-30. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	January 1984						Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				
				Total	40 hours or less	41 hours or more		
<b>TOTAL</b>								
Total, 16 years and over .....	94,663	5,815	12,840	76,008	52,507	23,501	38.2	42.7
16 to 19 years .....	5,398	582	3,151	1,665	1,374	291	23.6	39.7
16 to 17 years .....	1,850	70	1,663	117	102	15	15.7	37.8
18 to 19 years .....	3,548	512	1,487	1,549	1,273	276	27.7	39.9
20 years and over .....	89,265	5,233	9,689	74,343	51,134	23,209	39.1	42.8
20 to 24 years .....	12,790	1,305	1,956	9,529	7,117	2,412	36.3	41.7
25 years and over .....	76,475	3,927	7,734	64,814	44,017	20,797	39.5	42.9
25 to 44 years .....	49,061	2,632	4,156	42,273	28,311	13,962	40.0	43.0
45 to 64 years .....	25,079	1,181	2,491	21,407	14,874	6,533	39.7	42.8
65 years and over .....	2,334	113	1,087	1,134	831	303	29.6	42.2
<b>Men, 16 years and over</b> .....	52,458	2,651	3,735	46,072	28,677	17,395	41.0	44.0
16 to 19 years .....	2,615	247	1,459	909	715	194	24.8	40.3
16 to 17 years .....	907	33	809	65	57	8	16.4	( <sup>1</sup> )
18 to 19 years .....	1,708	214	650	844	658	186	29.3	40.4
20 years and over .....	49,843	2,404	2,276	45,163	27,962	17,201	41.9	44.1
20 to 24 years .....	6,694	684	801	5,209	3,571	1,638	37.7	42.7
25 years and over .....	43,149	1,720	1,475	39,954	24,390	15,564	42.6	44.3
25 to 44 years .....	27,459	1,182	523	25,754	15,355	10,399	43.1	44.4
45 to 64 years .....	14,345	477	405	13,463	8,527	4,936	42.6	44.0
65 years and over .....	1,345	60	548	737	511	226	31.3	42.5
<b>Women, 16 years and over</b> .....	42,205	3,163	9,105	29,937	23,831	6,106	34.6	40.7
16 to 19 years .....	2,783	334	1,692	757	659	98	22.5	39.0
16 to 17 years .....	943	36	854	53	46	7	15.0	( <sup>1</sup> )
18 to 19 years .....	1,839	298	838	703	612	91	26.3	39.3
20 years and over .....	39,422	2,829	7,414	29,179	23,172	6,007	35.5	40.7
20 to 24 years .....	6,096	621	1,155	4,320	3,545	775	34.7	40.5
25 years and over .....	33,327	2,208	6,259	24,860	19,626	5,234	35.6	40.7
25 to 44 years .....	21,602	1,450	3,633	16,519	12,958	3,561	36.0	40.6
45 to 64 years .....	10,735	704	2,087	7,944	6,349	1,595	35.7	40.8
65 years and over .....	989	53	539	397	320	77	27.3	41.6
<b>RACE</b>								
White, 16 years and over .....	83,381	4,827	11,729	66,825	45,110	21,715	38.3	42.9
Men .....	46,731	2,180	3,365	41,186	24,964	16,222	41.3	44.3
Women .....	36,650	2,647	8,364	25,639	20,146	5,493	34.4	40.7
Black, 16 years and over .....	8,965	845	813	7,307	5,995	1,312	37.0	40.7
Men .....	4,479	394	252	3,833	2,952	881	38.5	41.6
Women .....	4,486	451	561	3,474	3,043	431	35.4	39.8
<b>MARITAL STATUS</b>								
Men, 16 years and over:								
Married, spouse present .....	35,124	1,214	1,035	32,875	19,702	13,173	42.9	44.5
Widowed, divorced, or separated .....	4,641	294	203	4,144	2,629	1,515	41.4	43.9
Single (never married) .....	12,693	1,143	2,497	9,053	6,346	2,707	35.7	42.5
Women, 16 years and over:								
Married, spouse present .....	23,432	1,584	5,319	16,529	13,353	3,176	34.5	40.4
Widowed, divorced, or separated .....	8,290	641	1,058	6,591	5,004	1,587	37.1	41.3
Single (never married) .....	10,483	940	2,728	6,815	5,473	1,342	32.8	40.6

<sup>1</sup> Data not shown where base is less than 75,000.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-31. Persons at work in nonfarm occupations by sex and full- or part-time status**

(Numbers in thousands)

Occupation and sex	January 1984								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over .....	94,611	5,809	12,823	75,979	52,426	9,216	14,337	38.2	42.7
Managerial and professional specialty .....	23,511	562	2,116	20,834	12,465	2,537	5,832	41.5	44.4
Executive, administrative, and managerial .....	10,825	165	473	10,187	5,628	1,393	3,166	43.7	45.1
Professional specialty .....	12,686	397	1,643	10,646	8,837	1,144	2,665	39.7	43.6
Technical, sales, and administrative support .....	30,404	1,440	5,198	23,766	17,232	2,705	3,829	37.2	42.1
Technicians and related support .....	3,024	74	333	2,617	2,027	290	300	38.8	41.6
Sales occupations .....	11,664	817	2,461	8,385	4,661	1,142	2,582	37.8	44.9
Administrative support, including clerical .....	15,716	548	2,404	12,764	10,544	1,274	947	36.5	40.3
Service occupations .....	13,206	1,682	3,809	7,715	5,944	760	1,012	32.5	42.0
Private household .....	876	140	440	297	190	36	71	25.1	46.5
Protective service .....	1,618	68	124	1,426	926	231	270	41.2	44.1
Service, except private household and protective .....	10,712	1,475	3,245	5,992	4,828	493	671	31.8	41.3
Precision production, craft, and repair .....	11,950	761	364	10,826	7,468	1,504	1,853	40.4	42.4
Operators, fabricators, and laborers .....	15,540	1,365	1,337	12,838	9,318	1,709	1,811	38.2	41.9
Machine operators, assemblers, and inspectors .....	7,574	509	303	6,762	5,223	945	595	39.2	41.0
Transportation and material moving occupations .....	3,917	294	274	3,349	1,983	454	912	40.9	44.5
Handlers, equipment cleaners, helpers, and laborers .....	4,049	563	759	2,727	2,113	310	304	33.9	40.9
Men, 16 years and over .....	52,316	2,635	3,702	45,980	28,553	6,106	11,320	41.1	44.0
Managerial and professional specialty .....	13,840	256	595	12,989	6,927	1,540	4,522	44.3	46.0
Executive, administrative, and managerial .....	7,266	92	199	6,975	3,459	953	2,563	45.4	46.5
Professional specialty .....	6,574	163	397	6,014	3,468	587	1,959	43.1	45.5
Technical, sales, and administrative support .....	10,940	281	934	9,726	5,527	1,405	2,794	42.0	44.8
Technicians and related support .....	1,563	28	77	1,458	1,039	196	223	41.2	42.7
Sales occupations .....	6,176	156	581	5,439	2,503	799	2,136	43.4	46.8
Administrative support, including clerical .....	3,202	97	278	2,829	1,984	410	435	39.6	42.3
Service occupations .....	5,158	510	974	3,674	2,638	438	599	36.0	43.0
Private household .....	41	5	26	10	4	4	2	( <sup>1</sup> )	( <sup>1</sup> )
Protective service .....	1,422	52	73	1,297	826	215	256	42.4	44.4
Service, except private household and protective .....	3,695	453	875	2,367	1,809	218	341	33.7	42.1
Precision production, craft, and repair .....	10,911	692	279	9,939	6,777	1,397	1,765	40.7	42.6
Operators, fabricators, and laborers .....	11,467	896	919	9,652	6,684	1,327	1,641	39.0	42.5
Machine operators, assemblers, and inspectors .....	4,448	205	124	4,119	3,009	635	474	40.5	41.8
Transportation and material moving occupations .....	3,603	246	164	3,193	1,871	430	891	41.8	44.6
Handlers, equipment cleaners, helpers, and laborers .....	3,416	445	631	2,340	1,803	262	275	34.1	40.9
Women, 16 years and over .....	42,295	3,174	9,122	29,999	23,873	3,110	3,016	34.6	40.6
Managerial and professional specialty .....	9,671	306	1,520	7,845	5,537	998	1,310	37.5	41.6
Executive, administrative, and managerial .....	3,559	72	274	3,212	2,168	441	603	40.1	42.2
Professional specialty .....	6,112	234	1,246	4,633	3,369	557	707	35.9	41.2
Technical, sales, and administrative support .....	19,464	1,159	4,265	14,040	11,705	1,300	1,035	34.5	40.1
Technicians and related support .....	1,461	46	256	1,159	988	94	76	36.2	40.3
Sales occupations .....	5,488	661	1,880	2,947	2,158	342	446	31.5	41.8
Administrative support, including clerical .....	12,514	451	2,128	9,935	8,559	864	512	35.7	39.7
Service occupations .....	8,048	1,172	2,835	4,041	3,305	323	413	30.3	41.1
Private household .....	836	135	414	287	186	32	69	25.3	46.3
Protective service .....	196	15	51	129	100	15	14	32.9	40.9
Service, except private household and protective .....	7,017	1,022	2,370	3,625	3,019	275	330	30.8	40.7
Precision production, craft, and repair .....	1,039	68	84	887	690	108	88	37.5	40.4
Operators, fabricators, and laborers .....	4,074	469	418	3,187	2,635	382	170	36.1	39.9
Machine operators, assemblers, and inspectors .....	3,126	303	179	2,643	2,213	309	120	37.2	39.7
Transportation and material moving occupations .....	314	48	110	157	111	24	21	30.5	41.1
Handlers, equipment cleaners, helpers, and laborers .....	633	118	128	387	310	48	29	33.0	40.5

<sup>1</sup> Data not shown where base is less than 75,000.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-32. Employment status of the noninstitutional population, including Armed forces stationed in the United States, by sex, seasonally adjusted**

(Numbers in thousands)

Employment status and sex	1983												1984	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
<b>TOTAL</b>														
Noninstitutional population <sup>1</sup> .....	175,021	175,169	175,320	175,465	175,622	175,793	175,970	176,122	176,297	176,474	176,636	176,809	177,219	
Labor force <sup>1</sup> .....	112,344	112,352	112,399	112,646	112,619	113,573	113,489	113,799	113,924	113,561	113,720	113,824	113,901	
Percent of population <sup>2</sup> .....	64.2	64.1	64.1	64.2	64.1	64.6	64.5	64.6	64.6	64.3	64.4	64.4	64.3	
Total employed <sup>1</sup> .....	100,821	100,836	100,980	101,277	101,431	102,411	102,889	103,166	103,571	103,665	104,291	104,629	104,876	
Employment-population ratio <sup>3</sup> .....	57.6	57.6	57.6	57.7	57.8	58.3	58.5	58.6	58.7	58.7	59.0	59.2	59.2	
Resident Armed Forces .....	1,667	1,664	1,664	1,671	1,669	1,668	1,664	1,682	1,695	1,695	1,685	1,688	1,686	
Civilian employed .....	99,154	99,172	99,316	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190	
Agriculture .....	3,420	3,415	3,386	3,392	3,374	3,479	3,499	3,449	3,308	3,240	3,257	3,356	3,271	
Nonagricultural industries .....	95,734	95,757	95,930	96,214	96,388	97,264	97,726	98,035	98,568	98,730	99,349	99,585	99,918	
Unemployed .....	11,523	11,516	11,419	11,369	11,188	11,162	10,600	10,633	10,353	9,896	9,429	9,195	9,026	
Unemployment rate <sup>4</sup> .....	10.3	10.2	10.2	10.1	9.9	9.8	9.3	9.3	9.1	8.7	8.3	8.1	7.9	
Not in labor force .....	62,677	62,817	62,921	62,819	63,003	62,220	62,481	62,325	62,373	62,913	62,916	62,985	63,318	
<b>Men</b>														
Noninstitutional population <sup>1</sup> .....	83,652	83,720	83,789	83,856	83,931	84,014	84,099	84,173	84,261	84,344	84,423	84,506	84,745	
Labor force <sup>1</sup> .....	64,017	64,077	64,096	64,311	64,348	64,778	64,840	64,807	64,877	64,709	64,846	64,838	64,930	
Percent of population <sup>2</sup> .....	76.5	76.5	76.5	76.7	76.7	77.1	77.1	77.0	77.0	76.7	76.8	76.7	76.6	
Total employed <sup>1</sup> .....	57,334	57,321	57,423	57,589	57,744	58,369	58,592	58,607	58,828	58,950	59,389	59,580	59,781	
Employment-population ratio <sup>3</sup> .....	68.5	68.5	68.5	68.7	68.8	69.5	69.7	69.6	69.8	69.9	70.3	70.5	70.5	
Resident Armed Forces .....	1,531	1,528	1,528	1,530	1,528	1,525	1,521	1,538	1,549	1,543	1,534	1,537	1,542	
Civilian employed .....	55,803	55,793	55,895	56,059	56,216	56,844	57,071	57,069	57,279	57,407	57,855	58,043	58,239	
Unemployed .....	6,683	6,756	6,673	6,722	6,604	6,409	6,248	6,200	6,049	5,759	5,457	5,258	5,149	
Unemployment rate <sup>4</sup> .....	10.4	10.5	10.4	10.5	10.3	9.9	9.6	9.6	9.3	8.9	8.4	8.1	7.9	
Not in labor force .....	19,635	19,643	19,693	19,545	19,583	19,236	19,259	19,366	19,384	19,635	19,577	19,668	19,815	
<b>Women</b>														
Noninstitutional population <sup>1</sup> .....	91,369	91,449	91,532	91,609	91,691	91,779	91,871	91,949	92,036	92,129	92,214	92,302	92,474	
Labor force <sup>1</sup> .....	48,327	48,275	48,303	48,335	48,271	48,795	48,649	48,992	49,047	48,852	48,874	48,986	48,971	
Percent of population <sup>2</sup> .....	52.9	52.8	52.8	52.8	52.6	53.2	53.0	53.3	53.3	53.0	53.0	53.1	53.0	
Total employed <sup>1</sup> .....	43,487	43,515	43,557	43,688	43,687	44,042	44,297	44,559	44,743	44,715	44,902	45,049	45,094	
Employment-population ratio <sup>3</sup> .....	47.6	47.6	47.6	47.7	47.6	48.0	48.2	48.5	48.6	48.5	48.7	48.8	48.8	
Resident Armed Forces .....	136	136	136	141	141	143	143	144	146	152	151	151	144	
Civilian employed .....	43,351	43,379	43,421	43,547	43,546	43,899	44,154	44,415	44,597	44,563	44,751	44,898	44,950	
Unemployed .....	4,840	4,760	4,746	4,647	4,584	4,753	4,352	4,433	4,304	4,137	3,972	3,937	3,876	
Unemployment rate <sup>4</sup> .....	10.0	9.9	9.8	9.6	9.5	9.7	8.9	9.0	8.8	8.5	8.1	8.0	7.9	
Not in labor force .....	43,042	43,174	43,229	43,274	43,420	42,984	43,222	42,957	42,989	43,277	43,340	43,316	43,503	

<sup>1</sup> Includes members of the Armed Forces stationed in the United States.

<sup>2</sup> Labor force as a percent of the noninstitutional population.

<sup>3</sup> Total employment as a percent of the noninstitutional population.

<sup>4</sup> Unemployment as a percent of the labor force (including the resident

Armed Forces).

NOTE: The population and Armed Forces figures are not adjusted for seasonal variation. Detail for the seasonally adjusted data shown in tables A-32 through A-41 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-33. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted**

(Numbers in thousands)

Employment status, sex, and age	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	173,354	173,505	173,656	173,794	173,953	174,125	174,306	174,440	174,602	174,779	174,951	175,121	175,533
Civilian labor force .....	110,677	110,688	110,735	110,975	110,950	111,905	111,825	112,117	112,229	111,866	112,035	112,136	112,215
Percent of population .....	63.8	63.8	63.8	63.9	63.8	64.3	64.2	64.3	64.3	64.0	64.0	64.0	63.9
Employed .....	99,154	99,172	99,316	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190
Employment-population ratio <sup>2</sup> .....	57.2	57.2	57.2	57.3	57.3	57.9	58.1	58.2	58.3	58.3	58.6	58.8	58.8
Unemployed .....	11,523	11,516	11,419	11,369	11,188	11,162	10,600	10,633	10,353	9,896	9,429	9,195	9,026
Unemployment rate .....	10.4	10.4	10.3	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2	8.0
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	74,339	74,434	74,528	74,611	74,712	74,814	74,927	75,012	75,115	75,216	75,327	75,433	75,692
Civilian labor force .....	58,131	58,225	58,268	58,512	58,546	58,844	58,982	58,954	59,012	58,949	59,053	59,050	59,299
Percent of population .....	78.2	78.2	78.2	78.4	78.4	78.7	78.7	78.6	78.6	78.4	78.4	78.3	78.3
Employed .....	52,508	52,508	52,673	52,830	52,963	53,492	53,765	53,804	53,947	54,140	54,457	54,658	54,999
Employment-population ratio <sup>2</sup> .....	70.6	70.5	70.7	70.8	70.9	71.5	71.8	71.7	71.8	72.0	72.3	72.5	72.7
Agriculture .....	2,436	2,402	2,425	2,421	2,440	2,497	2,521	2,475	2,431	2,376	2,336	2,374	2,356
Nonagricultural industries .....	50,072	50,106	50,248	50,409	50,523	50,995	51,244	51,329	51,516	51,764	52,121	52,284	52,643
Unemployed .....	5,623	5,717	5,595	5,682	5,583	5,352	5,217	5,150	5,065	4,809	4,596	4,392	4,300
Unemployment rate .....	9.7	9.8	9.6	9.7	9.5	9.1	8.8	8.7	8.6	8.2	7.8	7.4	7.3
Not in labor force .....	16,208	16,209	16,260	16,099	16,166	15,970	15,945	16,058	16,103	16,267	16,274	16,383	16,393
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	83,490	83,593	83,699	83,794	83,899	84,008	84,122	84,224	84,333	84,443	84,553	84,666	84,860
Civilian labor force .....	44,234	44,248	44,259	44,311	44,331	44,684	44,647	44,896	45,062	44,936	44,953	45,024	44,981
Percent of population .....	53.0	52.9	52.9	52.9	52.8	53.2	53.1	53.3	53.4	53.2	53.2	53.2	53.0
Employed .....	40,255	40,315	40,368	40,531	40,583	40,847	41,123	41,298	41,550	41,570	41,738	41,843	41,798
Employment-population ratio <sup>2</sup> .....	48.2	48.2	48.2	48.4	48.4	48.6	48.9	49.0	49.3	49.2	49.4	49.4	49.3
Agriculture .....	617	640	632	621	605	634	613	627	581	597	638	653	625
Nonagricultural industries .....	39,638	39,675	39,736	39,910	39,978	40,213	40,510	40,671	40,969	40,973	41,100	41,190	41,174
Unemployed .....	3,979	3,933	3,891	3,780	3,748	3,837	3,524	3,598	3,512	3,366	3,215	3,181	3,182
Unemployment rate .....	9.0	8.9	8.8	8.5	8.5	8.6	7.9	8.0	7.8	7.5	7.2	7.1	7.1
Not in labor force .....	39,256	39,345	39,440	39,483	39,568	39,324	39,475	39,328	39,271	39,507	39,600	39,642	39,879
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	15,525	15,478	15,429	15,389	15,342	15,303	15,257	15,204	15,154	15,120	15,072	15,022	14,981
Civilian labor force .....	8,312	8,215	8,208	8,152	8,073	8,377	8,196	8,267	8,155	7,981	8,029	8,062	7,935
Percent of population .....	53.5	53.1	53.2	53.0	52.6	54.7	53.7	54.4	53.8	52.8	53.3	53.7	53.0
Employed .....	6,391	6,349	6,275	6,245	6,216	6,404	6,337	6,382	6,379	6,260	6,411	6,440	6,392
Employment-population ratio <sup>2</sup> .....	41.2	41.0	40.7	40.6	40.5	41.8	41.5	42.0	42.1	41.4	42.5	42.9	42.7
Agriculture .....	367	373	329	350	329	348	365	347	296	267	283	329	290
Nonagricultural industries .....	6,024	5,976	5,946	5,895	5,887	6,056	5,972	6,035	6,083	5,993	6,128	6,111	6,102
Unemployed .....	1,921	1,866	1,933	1,907	1,857	1,973	1,859	1,885	1,776	1,721	1,618	1,622	1,543
Unemployment rate .....	23.1	22.7	23.6	23.4	23.0	23.6	22.7	22.8	21.8	21.6	20.2	20.1	19.4
Not in labor force .....	7,213	7,263	7,221	7,237	7,269	6,926	7,061	6,937	6,999	7,139	7,043	6,960	7,046

<sup>1</sup> The population figures are not adjusted for seasonal variation.

<sup>2</sup> Civilian employment as a percent of the civilian noninstitutional

population.



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-34. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted**

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	150,129	150,187	150,382	150,518	150,671	150,810	150,959	151,003	151,021	151,175	151,324	151,484	151,939
Civilian labor force .....	96,287	96,238	96,265	96,450	96,472	97,235	97,255	97,498	97,507	97,339	97,559	97,724	97,813
Percent of population .....	64.1	64.1	64.0	64.1	64.0	64.5	64.4	64.6	64.6	64.4	64.5	64.5	64.4
Employed .....	87,481	87,367	87,530	87,854	88,004	88,836	89,260	89,503	89,693	89,851	90,430	90,779	91,044
Employment-population ratio <sup>2</sup> .....	58.3	58.2	58.2	58.4	58.4	58.9	59.1	59.3	59.4	59.4	59.8	59.9	59.9
Unemployed .....	8,806	8,871	8,735	8,596	8,468	8,399	7,995	7,995	7,814	7,488	7,129	6,945	6,768
Unemployment rate .....	9.1	9.2	9.1	8.9	8.8	8.6	8.2	8.2	8.0	7.7	7.3	7.1	6.9
<b>Men, 20 years and over</b>													
Civilian labor force .....	51,138	51,271	51,320	51,480	51,561	51,820	51,901	51,878	51,881	51,902	52,021	52,063	52,270
Percent of population .....	78.6	78.7	78.6	78.7	78.7	79.0	79.0	78.9	79.0	78.9	78.9	78.9	78.8
Employed .....	46,795	46,772	46,942	47,085	47,231	47,704	47,891	47,886	47,908	48,128	48,414	48,589	48,964
Employment-population ratio <sup>2</sup> .....	71.9	71.8	71.9	72.0	72.1	72.7	72.9	72.9	72.9	73.1	73.5	73.6	73.8
Unemployed .....	4,343	4,499	4,378	4,395	4,330	4,116	4,010	3,992	3,973	3,774	3,607	3,474	3,306
Unemployment rate .....	8.5	8.8	8.5	8.5	8.4	7.9	7.7	7.7	7.7	7.3	6.9	6.7	6.3
<b>Women, 20 years and over</b>													
Civilian labor force .....	37,805	37,696	37,664	37,793	37,805	38,129	38,161	38,356	38,468	38,438	38,489	38,556	38,505
Percent of population .....	52.4	52.2	52.1	52.2	52.2	52.6	52.5	52.7	52.8	52.7	52.7	52.8	52.6
Employed .....	34,832	34,785	34,846	35,049	35,082	35,309	35,574	35,767	35,928	36,016	36,177	36,292	36,180
Employment-population ratio <sup>2</sup> .....	48.3	48.2	48.2	48.4	48.4	48.7	48.9	49.2	49.3	49.4	49.6	49.7	49.4
Unemployed .....	2,973	2,911	2,818	2,744	2,723	2,820	2,587	2,589	2,540	2,422	2,312	2,264	2,325
Unemployment rate .....	7.9	7.7	7.5	7.3	7.2	7.4	6.8	6.7	6.6	6.3	6.0	5.9	6.0
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	7,344	7,271	7,281	7,177	7,106	7,286	7,193	7,264	7,158	6,999	7,049	7,105	7,038
Percent of population .....	57.1	56.7	57.0	56.3	56.0	57.6	57.2	57.9	57.3	56.2	56.7	57.2	56.9
Employed .....	5,854	5,810	5,742	5,720	5,691	5,823	5,795	5,850	5,857	5,707	5,839	5,898	5,900
Employment-population ratio <sup>2</sup> .....	45.5	45.3	45.0	44.9	44.8	46.1	46.1	46.6	46.9	45.8	47.0	47.5	47.7
Unemployed .....	1,490	1,461	1,539	1,457	1,415	1,463	1,398	1,414	1,301	1,292	1,210	1,207	1,138
Unemployment rate .....	20.3	20.1	21.1	20.3	19.9	20.1	19.4	19.5	18.2	18.5	17.2	17.0	16.2
Men .....	21.5	21.4	22.6	21.4	20.4	20.4	20.3	20.7	18.9	19.8	17.6	17.5	17.8
Women .....	19.0	18.7	19.6	19.1	19.4	19.7	18.4	18.2	17.4	16.9	16.6	16.5	14.5
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	18,768	18,796	18,823	18,851	18,880	18,911	18,942	18,966	18,994	19,026	19,057	19,086	19,196
Civilian labor force .....	11,544	11,561	11,573	11,651	11,645	11,718	11,741	11,724	11,720	11,565	11,623	11,650	11,660
Percent of population .....	61.5	61.5	61.5	61.8	61.7	62.0	62.0	61.8	61.7	60.8	61.0	61.0	60.7
Employed .....	9,158	9,272	9,249	9,245	9,277	9,339	9,443	9,408	9,504	9,449	9,563	9,582	9,707
Employment-population ratio <sup>2</sup> .....	48.8	49.3	49.1	49.0	49.1	49.4	49.9	49.6	50.0	49.7	50.2	50.2	50.6
Unemployed .....	2,386	2,289	2,324	2,406	2,368	2,379	2,298	2,316	2,216	2,116	2,060	2,068	1,953
Unemployment rate .....	20.7	19.8	20.1	20.7	20.3	20.3	19.6	19.8	18.9	18.3	17.7	17.8	16.7
<b>Men, 20 years and over</b>													
Civilian labor force .....	5,475	5,442	5,466	5,530	5,506	5,562	5,599	5,578	5,553	5,501	5,568	5,565	5,621
Percent of population .....	75.3	74.7	74.8	75.6	75.1	75.7	76.0	75.6	75.1	74.2	74.9	74.7	74.8
Employed .....	4,384	4,417	4,420	4,425	4,435	4,512	4,559	4,563	4,613	4,607	4,701	4,722	4,789
Employment-population ratio <sup>2</sup> .....	60.3	60.6	60.5	60.5	60.5	61.4	61.9	61.8	62.4	62.1	63.2	63.4	63.7
Unemployed .....	1,091	1,025	1,046	1,105	1,071	1,050	1,040	1,015	940	894	867	843	833
Unemployment rate .....	19.9	18.8	19.1	20.0	19.5	18.9	18.6	18.2	16.9	16.3	15.6	15.1	14.8
<b>Women, 20 years and over</b>													
Civilian labor force .....	5,264	5,339	5,325	5,288	5,329	5,287	5,317	5,312	5,358	5,277	5,270	5,303	5,277
Percent of population .....	57.0	57.7	57.4	56.9	57.2	56.7	56.9	56.7	57.1	56.1	55.9	56.2	55.6
Employed .....	4,347	4,438	4,400	4,396	4,424	4,391	4,458	4,440	4,495	4,438	4,448	4,461	4,522
Employment-population ratio <sup>2</sup> .....	47.0	47.9	47.4	47.3	47.5	47.1	47.7	47.4	47.9	47.2	47.2	47.3	47.7
Unemployed .....	917	901	925	892	905	896	859	872	863	839	822	842	755
Unemployment rate .....	17.4	16.9	17.4	16.9	17.0	16.9	16.2	16.4	16.1	15.9	15.6	15.9	14.3

See footnotes at end of table.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-34. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted—Continued**

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>BLACK—Continued</b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	805	780	782	833	810	869	825	834	809	787	785	782	762
Percent of population .....	35.7	34.7	34.9	37.2	36.3	39.0	37.1	37.6	36.6	35.6	35.6	35.6	34.7
Employed .....	427	417	429	424	418	436	426	405	396	404	414	399	397
Employment-population ratio <sup>2</sup> .....	19.0	18.5	19.1	18.9	18.7	19.6	19.1	18.3	17.9	18.3	18.8	18.2	18.1
Unemployed .....	378	363	353	409	392	433	399	429	413	383	371	383	365
Unemployment rate .....	47.0	46.5	45.1	49.1	48.4	49.8	48.4	51.4	51.1	48.7	47.3	49.0	47.9
Men .....	48.0	47.2	46.5	48.6	52.1	50.7	48.3	53.7	52.7	45.6	44.9	46.4	47.1
Women .....	45.7	45.7	43.5	49.6	44.1	48.7	48.4	48.8	49.2	52.2	50.0	51.9	48.8
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	9,328	9,368	9,551	9,665	9,747	9,738	9,640	9,690	9,700	9,745	9,677	9,735	9,778
Civilian labor force .....	5,986	6,001	6,070	6,161	6,139	6,202	6,090	6,145	6,202	6,165	6,232	6,267	6,336
Percent of population .....	64.2	64.1	63.6	63.7	63.0	63.7	63.2	63.4	63.9	63.3	64.4	64.4	64.8
Employed .....	5,063	5,071	5,114	5,259	5,284	5,336	5,339	5,350	5,392	5,398	5,463	5,540	5,627
Employment-population ratio <sup>2</sup> .....	54.3	54.1	53.5	54.4	54.2	54.8	55.4	55.2	55.6	55.4	56.5	56.9	57.6
Unemployed .....	923	930	956	902	855	866	751	795	810	767	769	727	708
Unemployment rate .....	15.4	15.5	15.7	14.6	13.9	14.0	12.3	12.9	13.1	12.4	12.3	11.6	11.2

<sup>1</sup> The population figures are not adjusted for seasonal variation.

<sup>2</sup> Civilian employment as a percent of the civilian noninstitutional population.

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

**A-35. Employed civilians by selected social and economic categories, seasonally adjusted**

(In thousands)

Category	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>CHARACTERISTIC</b>													
Total .....	99,154	99,172	99,316	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190
Married men, spouse present .....	37,498	37,491	37,545	37,602	37,616	37,911	38,254	38,281	38,232	38,240	38,388	38,494	38,682
Married women, spouse present .....	24,182	24,129	24,220	24,361	24,304	24,416	24,618	24,905	24,921	24,953	25,057	25,140	24,947
Women who maintain families .....	5,029	5,016	5,093	4,969	4,991	5,029	5,071	5,096	5,124	5,172	5,236	5,254	5,293
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>													
<b>Agriculture:</b>													
Wage and salary workers .....	1,616	1,617	1,558	1,578	1,588	1,624	1,631	1,628	1,572	1,505	1,481	1,512	1,443
Self-employed workers .....	1,589	1,562	1,584	1,595	1,558	1,591	1,573	1,564	1,515	1,527	1,556	1,572	1,613
Unpaid family workers .....	231	230	265	219	233	252	251	240	236	227	224	265	233
<b>Nonagricultural industries:</b>													
Wage and salary workers .....	87,865	87,916	88,078	88,390	88,584	89,345	89,687	90,032	90,743	90,617	91,094	91,422	91,641
Government .....	15,428	15,510	15,479	15,524	15,530	15,514	15,593	15,671	15,560	15,578	15,585	15,481	15,535
Private industries .....	72,437	72,406	72,599	72,866	73,054	73,831	74,094	74,361	75,183	75,039	75,509	75,941	76,106
Private households .....	1,180	1,222	1,234	1,221	1,238	1,295	1,276	1,270	1,279	1,278	1,216	1,241	1,197
Other industries .....	71,257	71,184	71,365	71,645	71,816	72,536	72,818	73,091	73,904	73,761	74,293	74,700	74,909
Self-employed workers .....	7,440	7,403	7,456	7,504	7,448	7,510	7,595	7,641	7,656	7,695	7,800	7,734	7,936
Unpaid family workers .....	374	354	344	354	345	352	322	375	380	405	474	450	364
<b>PERSONS AT WORK<sup>1</sup></b>													
Nonagricultural industries .....	90,726	90,276	90,450	92,233	91,070	90,913	92,126	91,953	93,322	93,273	93,834	94,173	94,707
Full-time schedules .....	71,764	71,703	72,035	73,567	72,949	73,071	73,844	73,499	74,666	75,047	75,398	75,802	76,237
Part time for economic reasons .....	6,678	6,362	6,169	6,077	5,965	5,886	5,700	5,866	6,027	5,724	5,848	5,712	5,943
Usually work full time .....	2,138	2,059	1,934	1,888	1,748	1,777	1,781	1,742	1,771	1,617	1,719	1,672	1,771
Usually work part time .....	4,540	4,303	4,235	4,189	4,217	4,109	3,919	4,124	4,256	4,107	4,129	4,040	4,172
Part time for noneconomic reasons .....	12,284	12,211	12,246	12,589	12,156	11,956	12,582	12,588	12,629	12,502	12,588	12,659	12,527

<sup>1</sup> Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-36. Employed civilians by sex and age, seasonally adjusted**

(In thousands)

Sex and age	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over .....	99,154	99,172	99,316	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941	103,190
16 to 24 years .....	19,888	19,885	19,803	19,806	19,715	20,211	20,215	20,170	20,217	20,085	20,338	20,377	20,401
16 to 19 years .....	6,391	6,349	6,275	6,245	6,216	6,404	6,337	6,382	6,379	6,260	6,411	6,440	6,392
16 to 17 years .....	2,416	2,348	2,309	2,291	2,288	2,315	2,283	2,331	2,320	2,257	2,332	2,355	2,321
18 to 19 years .....	3,987	3,995	3,970	3,954	3,938	4,104	4,067	4,013	4,062	4,012	4,064	4,092	4,114
20 to 24 years .....	13,497	13,536	13,528	13,561	13,499	13,807	13,878	13,788	13,838	13,825	13,927	13,937	14,008
25 years and over .....	79,247	79,288	79,507	79,783	80,034	80,528	81,020	81,363	81,668	81,892	82,268	82,551	82,765
25 to 54 years .....	65,029	65,058	65,309	65,691	65,895	66,360	66,797	67,155	67,323	67,537	67,913	68,179	68,534
55 years and over .....	14,217	14,182	14,157	14,111	14,129	14,178	14,224	14,231	14,368	14,364	14,364	14,347	14,239
Men, 16 years and over .....	55,803	55,793	55,895	56,059	56,216	56,844	57,071	57,069	57,279	57,407	57,855	58,043	58,239
16 to 24 years .....	10,373	10,358	10,303	10,337	10,347	10,689	10,606	10,566	10,634	10,569	10,789	10,770	10,700
16 to 19 years .....	3,295	3,285	3,222	3,229	3,253	3,352	3,306	3,265	3,332	3,267	3,398	3,385	3,240
16 to 17 years .....	1,282	1,242	1,210	1,174	1,196	1,219	1,200	1,206	1,217	1,165	1,223	1,224	1,222
18 to 19 years .....	2,020	2,041	2,013	2,056	2,061	2,147	2,116	2,054	2,120	2,102	2,155	2,151	2,050
20 to 24 years .....	7,078	7,073	7,081	7,108	7,094	7,337	7,300	7,301	7,302	7,302	7,391	7,385	7,460
25 years and over .....	45,419	45,434	45,594	45,718	45,881	46,168	46,430	46,511	46,666	46,834	47,073	47,266	47,531
25 to 54 years .....	36,986	37,000	37,180	37,328	37,483	37,748	37,953	38,052	38,173	38,334	38,550	38,757	39,049
55 years and over .....	8,443	8,419	8,410	8,394	8,371	8,460	8,481	8,468	8,499	8,499	8,541	8,470	8,495
Women, 16 years and over .....	43,351	43,379	43,421	43,547	43,546	43,899	44,154	44,415	44,597	44,563	44,751	44,898	44,950
16 to 24 years .....	9,515	9,527	9,500	9,469	9,368	9,522	9,609	9,604	9,583	9,516	9,549	9,607	9,700
16 to 19 years .....	3,096	3,064	3,053	3,016	2,963	3,052	3,031	3,117	3,047	2,993	3,013	3,055	3,152
16 to 17 years .....	1,134	1,106	1,099	1,117	1,092	1,096	1,083	1,125	1,103	1,092	1,109	1,131	1,099
18 to 19 years .....	1,967	1,954	1,957	1,898	1,877	1,957	1,951	1,959	1,942	1,910	1,909	1,941	2,064
20 to 24 years .....	6,419	6,463	6,447	6,453	6,405	6,470	6,578	6,487	6,536	6,523	6,536	6,552	6,548
25 years and over .....	33,828	33,854	33,913	34,065	34,153	34,360	34,590	34,852	35,002	35,058	35,195	35,285	35,234
25 to 54 years .....	28,043	28,058	28,129	28,363	28,412	28,632	28,844	29,103	29,150	29,203	29,363	29,422	29,485
55 years and over .....	5,774	5,763	5,747	5,717	5,758	5,718	5,743	5,763	5,969	5,865	5,823	5,877	5,744

**A-37. Unemployed persons by sex and age, seasonally adjusted**

(In thousands)

Sex and age	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over .....	11,523	11,516	11,419	11,369	11,188	11,162	10,600	10,633	10,353	9,896	9,429	9,195	9,026
16 to 24 years .....	4,493	4,455	4,398	4,381	4,330	4,322	4,096	4,197	3,994	3,899	3,692	3,564	3,537
16 to 19 years .....	1,921	1,866	1,933	1,907	1,857	1,973	1,859	1,885	1,776	1,721	1,618	1,622	1,543
16 to 17 years .....	783	742	786	798	788	798	767	767	731	712	653	700	649
18 to 19 years .....	1,125	1,114	1,157	1,106	1,066	1,176	1,071	1,107	1,046	1,020	972	947	878
20 to 24 years .....	2,572	2,589	2,465	2,474	2,473	2,349	2,237	2,312	2,218	2,178	2,074	1,942	1,994
25 years and over .....	7,013	7,080	6,999	6,956	6,898	6,871	6,486	6,424	6,370	6,002	5,728	5,659	5,474
25 to 54 years .....	6,212	6,226	6,209	6,106	6,106	5,990	5,707	5,668	5,610	5,259	5,007	4,938	4,789
55 years and over .....	818	815	807	825	798	825	798	765	785	753	741	742	700
Men, 16 years and over .....	6,683	6,756	6,673	6,722	6,604	6,409	6,248	6,200	6,049	5,759	5,457	5,258	5,149
16 to 24 years .....	2,567	2,550	2,486	2,501	2,505	2,448	2,397	2,408	2,271	2,209	2,042	1,998	1,971
16 to 19 years .....	1,060	1,039	1,078	1,040	1,021	1,057	1,031	1,050	984	950	861	866	849
16 to 17 years .....	422	400	431	432	435	429	451	423	383	374	344	372	336
18 to 19 years .....	629	628	649	610	591	635	568	619	605	579	524	501	501
20 to 24 years .....	1,507	1,511	1,408	1,461	1,484	1,391	1,366	1,358	1,287	1,259	1,181	1,132	1,122
25 years and over .....	4,088	4,213	4,178	4,213	4,124	3,962	3,826	3,791	3,794	3,552	3,417	3,283	3,154
25 to 54 years .....	3,588	3,680	3,656	3,646	3,602	3,465	3,337	3,311	3,315	3,074	2,935	2,799	2,743
55 years and over .....	522	517	518	549	516	492	489	482	507	482	490	481	431
Women, 16 years and over .....	4,840	4,760	4,746	4,647	4,584	4,753	4,352	4,433	4,304	4,137	3,972	3,937	3,876
16 to 24 years .....	1,926	1,905	1,912	1,880	1,825	1,874	1,699	1,789	1,723	1,690	1,650	1,566	1,566
16 to 19 years .....	861	827	855	867	836	916	828	835	792	771	757	756	694
16 to 17 years .....	361	342	355	366	353	369	316	344	348	338	309	328	313
18 to 19 years .....	496	486	508	496	475	541	503	488	441	441	448	446	377
20 to 24 years .....	1,065	1,078	1,057	1,013	989	956	871	954	931	919	893	810	872
25 years and over .....	2,925	2,867	2,821	2,743	2,774	2,909	2,660	2,633	2,576	2,450	2,311	2,376	2,320
25 to 54 years .....	2,624	2,546	2,553	2,460	2,504	2,525	2,370	2,357	2,295	2,185	2,072	2,139	2,046
55 years and over .....	296	298	289	276	282	333	309	283	278	271	251	261	269

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-38. Unemployment rates by sex and age, seasonally adjusted**

(Civilian workers)

Sex and age	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over .....	10.4	10.4	10.3	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2	8.0
16 to 24 years .....	18.4	18.3	18.2	18.1	18.0	17.6	16.8	17.2	16.5	16.3	15.4	14.9	14.8
16 to 19 years .....	23.1	22.7	23.6	23.4	23.0	23.6	22.7	22.8	21.8	21.6	20.2	20.1	19.4
16 to 17 years .....	24.5	24.0	25.4	25.8	25.6	25.6	25.1	24.8	24.0	24.0	21.9	22.9	21.9
18 to 19 years .....	22.0	21.8	22.6	21.9	21.3	22.3	20.8	21.6	20.5	20.3	19.3	18.8	17.6
20 to 24 years .....	16.0	16.1	15.4	15.4	15.5	14.5	13.9	14.4	13.8	13.6	13.0	12.2	12.5
25 years and over .....	8.1	8.2	8.1	8.0	7.9	7.9	7.4	7.3	7.2	6.8	6.5	6.4	6.2
25 to 54 years .....	8.7	8.7	8.7	8.5	8.5	8.3	7.9	7.8	7.7	7.2	6.9	6.8	6.5
55 years and over .....	5.4	5.4	5.4	5.5	5.3	5.5	5.3	5.1	5.2	5.0	4.9	4.9	4.7
Men, 16 years and over .....	10.7	10.8	10.7	10.7	10.5	10.1	9.9	9.8	9.6	9.1	8.6	8.3	8.1
16 to 24 years .....	19.8	19.8	19.4	19.5	19.5	18.6	18.4	18.6	17.6	17.3	15.9	15.6	15.6
16 to 19 years .....	24.3	24.0	25.1	24.4	23.9	24.0	23.8	24.3	22.8	22.5	20.2	20.4	20.8
16 to 17 years .....	24.8	24.4	26.3	26.9	26.7	26.0	27.3	26.0	23.9	24.3	22.0	23.3	21.6
18 to 19 years .....	23.7	23.5	24.4	22.9	22.3	22.8	21.2	23.2	22.2	21.6	19.6	18.9	19.6
20 to 24 years .....	17.6	17.6	16.6	17.0	17.3	15.9	15.8	15.7	15.0	14.7	13.8	13.3	13.1
25 years and over .....	8.3	8.5	8.4	8.4	8.2	7.9	7.6	7.5	7.5	7.0	6.8	6.5	6.2
25 to 54 years .....	8.8	9.0	9.0	8.9	8.8	8.4	8.1	8.0	8.0	7.4	7.1	6.7	6.6
55 years and over .....	5.8	5.8	5.8	6.1	5.8	5.5	5.5	5.4	5.6	6.4	5.4	5.4	4.8
Women, 16 years and over .....	10.0	9.9	9.9	9.6	9.5	9.8	9.0	9.1	8.8	8.5	8.2	8.1	7.9
16 to 24 years .....	16.8	16.7	16.8	16.6	16.3	16.4	15.0	15.7	15.2	15.1	14.7	14.0	13.9
16 to 19 years .....	21.8	21.3	21.9	22.3	22.0	23.1	21.5	21.1	20.6	20.5	20.1	19.8	18.0
16 to 17 years .....	24.1	23.6	24.4	24.7	24.4	25.2	22.6	23.4	24.0	23.6	21.8	22.5	22.2
18 to 19 years .....	20.1	19.9	20.6	20.7	20.2	21.7	20.5	19.9	18.5	18.8	19.0	18.7	15.4
20 to 24 years .....	14.2	14.3	14.1	13.6	13.4	12.9	11.7	12.8	12.5	12.3	12.0	11.0	11.7
25 years and over .....	8.0	7.8	7.7	7.5	7.5	7.8	7.1	7.0	6.9	6.5	6.2	6.3	6.2
25 to 54 years .....	8.6	8.3	8.3	8.0	8.1	8.1	7.6	7.5	7.3	7.0	6.6	6.8	6.5
55 years and over .....	4.9	4.9	4.8	4.6	4.7	5.5	5.1	4.7	4.5	4.4	4.1	4.3	4.5

**A-39. Selected unemployment indicators, seasonally adjusted**

(Unemployment rates)

Category	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>CHARACTERISTIC</b>													
Total (all civilian workers) .....	10.4	10.4	10.3	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2	8.0
Men, 20 years and over .....	9.7	9.8	9.6	9.7	9.5	9.1	8.8	8.7	8.6	8.2	7.8	7.4	7.3
Women, 20 years and over .....	9.0	8.9	8.8	8.5	8.5	8.6	7.9	8.0	7.8	7.5	7.2	7.1	7.1
Both sexes, 16 to 19 years .....	23.1	22.7	23.6	23.4	23.0	23.6	22.7	22.8	21.8	21.6	20.2	20.1	19.4
White .....	9.1	9.2	9.1	8.9	8.8	8.6	8.2	8.2	8.0	7.7	7.3	7.1	6.9
Black and other .....	18.9	18.2	18.6	18.7	18.5	18.6	17.9	17.9	17.3	16.7	16.1	16.3	15.6
Black .....	20.7	19.8	20.1	20.7	20.3	20.3	19.6	19.8	18.9	18.3	17.7	17.8	16.7
Hispanic origin .....	15.4	15.5	15.7	14.6	13.9	14.0	12.3	12.9	13.1	12.4	12.3	11.6	11.2
Married men, spouse present .....	7.2	7.2	7.1	7.1	7.0	6.7	6.2	6.3	6.1	5.7	5.5	5.2	5.0
Married women, spouse present .....	7.8	7.6	7.5	7.4	7.4	7.6	7.0	6.9	6.8	6.3	6.0	6.1	6.0
Women who maintain families .....	13.2	13.2	13.3	13.0	12.7	12.5	11.8	11.8	12.0	11.4	10.5	10.9	10.7
Full-time workers .....	10.3	10.4	10.2	10.2	10.0	9.7	9.4	9.3	9.1	8.7	8.2	8.0	7.8
Part-time workers .....	10.7	10.1	10.6	10.5	10.9	11.8	10.2	10.2	10.1	10.0	9.8	9.8	9.2
Unemployed 15 weeks and over <sup>1</sup> .....	4.2	4.2	4.1	4.0	4.1	4.0	3.9	3.6	3.5	3.3	3.1	3.0	2.9
Labor force time lost <sup>2</sup> .....	11.7	11.9	11.7	11.5	11.5	11.1	10.7	10.7	10.5	10.0	9.7	9.4	9.2
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	10.9	10.8	10.7	10.5	10.4	10.1	9.7	9.8	9.4	9.0	8.6	8.3	7.9
Mining .....	17.6	19.1	19.2	20.3	20.8	17.9	16.6	14.9	16.9	12.1	12.8	12.4	10.9
Construction .....	20.2	19.9	20.2	20.0	20.0	18.4	18.0	17.9	18.1	15.8	15.6	16.3	15.0
Manufacturing .....	13.1	13.1	12.8	12.5	12.3	11.6	10.7	11.2	10.2	9.6	8.9	8.3	8.4
Durable goods .....	14.7	14.5	14.3	13.7	13.5	12.5	11.4	11.7	10.9	10.2	9.0	8.3	8.0
Nondurable goods .....	10.8	11.0	10.8	10.8	10.6	10.2	9.7	10.5	9.3	8.7	8.7	8.2	8.9
Transportation and public utilities .....	7.8	8.0	7.6	7.7	7.3	7.8	7.3	7.7	7.4	7.2	8.7	6.5	5.1
Wholesale and retail trade .....	10.8	10.9	10.9	10.4	10.2	10.2	9.8	9.8	9.5	9.8	9.1	8.8	8.4
Finance and service industries .....	7.6	7.4	7.3	7.3	7.5	7.2	7.3	7.2	7.0	6.9	6.7	6.6	6.3
Agricultural wage and salary workers .....	15.7	16.3	15.9	16.8	16.8	16.5	15.0	15.1	16.5	16.2	15.7	15.6	15.5

<sup>1</sup> Unemployment as a percent of the civilian labor force.

<sup>2</sup> Aggregate hours lost by the unemployed and persons on part time

for economic reasons as a percent of potentially available labor force hours.

**A-40. Unemployed persons by duration of unemployment, seasonally adjusted**

(Numbers in thousands)

Weeks of unemployment	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>DURATION</b>													
Less than 5 weeks .....	3,600	3,732	3,535	3,595	3,568	3,630	3,529	3,633	3,740	3,504	3,328	3,382	3,233
5 to 14 weeks .....	3,331	3,169	3,173	3,139	3,012	2,950	2,841	2,951	2,784	2,725	2,616	2,504	2,556
15 weeks and over .....	4,623	4,613	4,587	4,396	4,510	4,486	4,398	4,078	3,889	3,655	3,527	3,369	3,201
15 to 26 weeks .....	1,954	1,928	1,861	1,691	1,774	1,593	1,794	1,597	1,383	1,372	1,337	1,284	1,166
27 weeks and over .....	2,669	2,685	2,726	2,705	2,736	2,893	2,604	2,481	2,506	2,283	2,190	2,085	2,035
Average (mean) duration, in weeks .....	19.4	19.1	19.2	19.2	20.2	21.4	21.3	19.9	20.2	20.1	20.2	19.6	20.5
Median duration, in weeks .....	11.3	9.8	10.4	10.8	11.9	10.8	10.1	9.4	9.4	9.5	9.4	9.0	9.2
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks .....	31.2	32.4	31.3	32.3	32.2	32.8	32.8	34.1	35.9	35.5	35.1	36.5	36.0
5 to 14 weeks .....	28.8	27.5	28.1	28.2	27.2	26.7	26.4	27.7	26.7	27.6	27.6	27.1	28.4
15 weeks and over .....	40.0	40.1	40.6	39.5	40.7	40.5	40.8	38.2	37.3	37.0	37.2	36.4	35.6
15 to 26 weeks .....	16.9	16.7	16.5	15.2	16.0	14.4	16.7	15.0	13.3	13.9	14.1	13.9	13.0
27 weeks and over .....	23.1	23.3	24.1	24.3	24.7	26.1	24.2	23.3	24.1	23.1	23.1	22.5	22.6

**A-41. Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reasons for unemployment	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	6,810	6,864	6,848	6,767	6,753	6,525	6,235	6,133	5,938	5,601	5,226	5,017	4,825
On layoff .....	2,151	2,084	2,005	1,979	1,958	1,841	1,735	1,660	1,562	1,392	1,321	1,283	1,238
Other job losers .....	4,659	4,780	4,843	4,788	4,795	4,684	4,500	4,473	4,376	4,209	3,905	3,734	3,588
Job leavers .....	826	830	888	816	808	799	752	799	858	866	868	855	809
Reentrants .....	2,557	2,505	2,460	2,491	2,404	2,435	2,415	2,479	2,362	2,322	2,250	2,246	2,192
New entrants .....	1,199	1,188	1,182	1,251	1,246	1,412	1,229	1,214	1,234	1,127	1,154	1,150	1,175
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	59.8	60.3	60.2	59.8	60.2	58.4	58.6	57.7	57.1	56.5	55.0	54.1	53.6
On layoff .....	18.9	18.3	17.6	17.5	17.5	16.5	16.3	15.6	15.0	14.0	13.9	13.8	13.7
Other job losers .....	40.9	42.0	42.6	42.3	42.8	41.9	42.3	42.1	42.1	42.4	41.1	40.3	39.9
Job leavers .....	7.3	7.3	7.8	7.2	7.2	7.2	7.1	7.5	8.3	8.7	9.1	9.2	9.0
Reentrants .....	22.4	22.0	21.6	22.0	21.4	21.8	22.7	23.3	22.7	23.4	23.7	24.2	24.4
New entrants .....	10.5	10.4	10.4	11.0	11.1	12.6	11.6	11.4	11.9	11.4	12.1	12.4	13.1
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	6.2	6.2	6.2	6.1	6.1	5.8	5.6	5.5	5.3	5.0	4.7	4.5	4.3
Job leavers .....	.7	.7	.8	.7	.7	.7	.7	.7	.8	.8	.8	.8	.7
Reentrants .....	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.0
New entrants .....	1.1	1.1	1.1	1.1	1.1	1.3	1.1	1.1	1.1	1.0	1.0	1.0	1.0



# ESTABLISHMENT DATA EMPLOYMENT

## B-2. Employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
	<b>TOTAL</b> .....	83,321	87,660	92,061	92,232	90,576	-	-	-	-	-
	<b>PRIVATE SECTOR</b> .....	73,353	71,905	76,057	76,257	74,865	59,209	57,776	61,577	61,746	60,327
	<b>MINING</b> .....	1,050	1,028	1,045	1,044	1,035	749	729	743	742	738
	<b>METAL MINING</b> .....	61.9	62.2	62.1	62.2	-	43.3	44.6	45.3	45.4	-
101	Iron ores .....	3.6	3.2	7.5	7.8	-	5.3	5.1	5.1	5.4	-
102	Copper ores .....	23.1	20.2	19.8	19.7	-	14.5	14.6	13.8	13.9	-
	<b>COAL MINING</b> .....	211.2	209.2	214.3	213.4	-	169.1	167.2	173.3	172.2	-
11, 12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	238.0	206.1	211.7	210.6	-	166.3	164.5	171.0	170.0	-
	<b>OIL AND GAS EXTRACTION</b> .....	570.7	658.5	651.5	658.1	-	456.3	445.0	435.5	442.0	-
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	280.8	280.6	278.3	277.1	-	132.5	131.2	127.2	126.7	-
138	Oil and gas field services .....	339.9	377.9	373.2	381.0	-	323.8	313.8	308.3	315.3	-
	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	105.7	99.2	116.7	110.1	-	75.8	72.0	89.0	82.7	-
142	Crushed and broken stone .....	34.6	30.6	40.0	37.3	-	27.1	22.8	31.8	29.1	-
144	Sand and gravel .....	33.6	28.2	37.1	33.6	-	-	-	-	-	-
147	Chemical and fertilizer minerals .....	24.5	21.9	20.7	20.5	-	-	-	-	-	-
	<b>CONSTRUCTION</b> .....	3,786	3,528	4,245	4,059	3,787	2,890	2,638	3,320	3,135	2,870
	<b>GENERAL BUILDING CONTRACTORS</b> .....	357.2	301.4	1,101.4	1,075.4	-	704.6	648.6	828.8	802.3	-
152	Residential building construction .....	431.0	410.6	52.4	503.1	-	305.0	282.9	383.5	367.9	-
153	Operative builders .....	47.2	46.6	60.7	60.5	-	23.5	23.3	34.1	33.4	-
154	Nonresidential building construction .....	479.0	444.2	515.3	505.8	-	376.1	342.4	411.2	401.0	-
	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	773.6	706.1	843.1	765.7	-	611.1	541.3	686.3	614.4	-
161	Highway and street construction .....	132.6	153.6	249.8	200.3	-	146.4	119.7	212.1	164.0	-
162	Heavy construction, except highway .....	594.0	552.5	593.3	565.4	-	464.7	422.6	474.2	450.4	-
	<b>SPECIAL TRADE CONTRACTORS</b> .....	2,051.9	1,920.9	2,300.7	2,216.6	-	1,574.1	1,447.9	1,804.4	1,718.5	-
171	Plumbing, heating, air conditioning .....	487.9	476.1	515.5	513.7	-	352.0	339.9	379.3	374.3	-
172	Painting, paper hanging, decorating .....	114.7	105.0	137.3	129.0	-	92.5	83.2	114.6	107.2	-
173	Electrical work .....	393.6	388.4	416.7	417.6	-	302.0	291.5	319.0	319.5	-
174	Masonry, stonework, and plastering .....	303.3	285.0	356.8	344.2	-	260.8	236.9	305.4	291.8	-
175	Carpentering and flooring .....	106.6	102.9	125.5	124.5	-	80.1	75.6	94.3	92.0	-
176	Roofing and sheet metal work .....	157.7	142.9	170.3	162.0	-	125.0	110.9	137.3	129.3	-
	<b>MANUFACTURING</b> .....	13,159	13,045	19,254	19,231	19,156	12,201	12,115	13,218	13,191	13,131
24, 25, 32-39	<b>DURABLE GOODS</b> .....	10,541	10,496	11,354	11,379	11,352	6,873	6,847	7,630	7,641	7,626
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	7,618	7,549	7,900	7,852	7,804	5,328	5,268	5,588	5,540	5,505
	<b>DURABLE GOODS</b>										
	<b>LUMBER AND WOOD PRODUCTS</b> .....	501.7	601.0	711.6	700.3	690.4	493.0	493.0	595.5	586.5	576.8
241	Logging camps and logging contractors .....	75.9	75.8	89.5	82.7	-	57.8	58.5	70.6	64.4	-
242	Sawmills and planing mills .....	177.6	178.7	211.9	210.0	-	155.2	156.3	188.3	186.8	-
2421	Sawmills and planing mills, general .....	147.8	148.3	175.3	174.3	-	129.4	130.5	156.9	155.3	-
2426	Hardwood dimension and flooring .....	26.1	25.9	30.8	30.9	-	22.4	22.3	27.2	27.3	-
243	Millwork, plywood, and structural members .....	181.3	181.3	217.9	217.6	-	147.4	147.2	181.7	181.3	-
2431	Millwork .....	65.1	69.7	84.3	83.5	-	53.2	54.9	68.3	67.4	-
2434	Wood kitchen cabinets .....	41.6	40.5	52.4	53.4	-	32.4	31.3	42.3	43.3	-
2435	Hardwood veneer and plywood .....	21.3	21.1	24.1	24.1	-	13.4	13.3	21.3	21.4	-
2436	Softwood veneer and plywood .....	35.3	36.3	39.1	38.0	-	32.2	32.3	34.4	34.3	-
244	Wood containers .....	36.7	36.1	40.0	40.4	-	30.6	30.0	33.7	34.4	-
245	Wood buildings and mobile homes .....	62.4	59.8	76.0	73.3	-	44.5	44.1	56.9	56.1	-
2451	Mobile homes .....	42.4	42.5	54.4	52.0	-	32.8	32.8	43.8	41.3	-
249	Miscellaneous wood products .....	69.8	69.3	76.3	76.3	-	57.4	56.5	63.3	63.5	-
	<b>FURNITURE AND FIXTURES</b> .....	432.3	429.9	475.1	477.1	476.3	341.6	339.2	380.4	387.1	381.2
251	Household furniture .....	270.2	267.9	290.5	291.7	-	223.0	220.5	242.5	243.5	-
2511	Wood household furniture .....	122.1	120.9	128.7	128.7	-	104.9	103.6	111.3	111.8	-
2512	Upholstered household furniture .....	84.6	83.3	93.7	94.1	-	68.4	67.0	76.6	76.9	-
2514	Metal household furniture .....	27.3	27.7	29.9	30.7	-	21.9	22.2	24.2	25.0	-
2515	Mattresses and bedspreads .....	26.7	26.9	28.9	28.7	-	19.9	20.0	22.0	21.7	-
252	Office furniture .....	54.1	54.8	62.3	63.0	-	41.3	42.0	48.5	49.1	-
253	Public building and related furniture .....	21.0	20.3	22.3	22.4	-	15.5	15.0	16.6	16.7	-
254	Partitions and fixtures .....	55.4	55.4	64.4	63.7	-	40.3	40.2	48.3	47.6	-
259	Miscellaneous furniture and fixtures .....	31.6	31.5	35.6	36.3	-	21.5	21.5	24.5	25.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls by industry — Continued**

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	549.2	535.5	597.3	583.2	569.4	414.0	401.6	461.2	446.7	433.3
321	Flat glass	15.2	16.3	17.9	17.9	-	12.9	12.9	14.3	14.2	-
322	Glass and glassware, pressed or blown	103.9	102.5	102.8	100.8	-	86.9	85.5	86.9	85.0	-
3221	Glass containers	53.8	57.7	54.8	53.1	-	51.8	50.7	48.1	46.5	-
3229	Pressed and blown glass, nec	45.1	44.8	48.0	47.7	-	35.1	34.8	38.8	38.5	-
323	Products of purchased glass	39.8	39.8	45.1	45.3	-	26.4	25.6	31.4	31.4	-
324	Cement, hydraulic	26.0	24.8	26.2	26.1	-	20.3	19.2	20.7	20.5	-
325	Structural clay products	33.3	32.5	38.7	38.3	-	24.3	23.6	29.7	29.5	-
326	Pottery and related products	38.0	37.5	40.7	40.0	-	30.5	30.1	32.2	31.7	-
327	Concrete, gypsum, and plaster products	173.1	164.1	197.7	186.9	-	129.8	121.3	153.5	142.4	-
3271	Concrete block and brick	17.2	16.1	19.0	18.3	-	11.4	10.6	13.0	12.6	-
3272	Concrete products, nec	55.3	53.2	63.1	61.0	-	40.0	37.6	47.4	44.8	-
3273	Ready-mixed concrete	93.4	77.5	96.6	88.7	-	64.7	59.4	78.0	69.9	-
329	Misc. nonmetallic mineral products	108.6	108.6	118.0	117.7	-	74.7	75.2	84.3	83.8	-
3291	Abrasive products	21.6	21.1	22.8	23.0	-	13.3	13.3	15.1	15.3	-
3292	Asbestos products	12.2	12.6	13.6	13.5	-	9.0	9.4	10.2	10.2	-
3296	Mineral wool	26.3	25.4	27.4	27.1	-	-	-	-	-	-
33	<b>PRIMARY METAL INDUSTRIES</b>	304.6	815.3	862.5	867.2	869.1	586.1	597.6	651.9	655.4	658.0
331	Blast furnace and basic steel products	327.7	334.4	337.8	338.6	-	239.3	247.6	258.3	258.6	-
3312	Blast furnaces and steel mills	259.4	276.0	274.3	274.9	-	197.6	205.8	210.9	211.2	-
3317	Steel pipe and tubes	22.7	21.4	23.1	23.0	-	16.0	14.7	16.9	16.7	-
332	Iron and steel foundries	133.1	135.7	150.6	152.7	-	98.9	101.5	117.5	119.3	-
3321	Gray iron foundries	83.9	86.2	98.3	100.3	-	64.1	66.5	73.1	80.8	-
3322	Malleable iron foundries	9.6	10.1	11.6	11.7	-	6.9	7.2	8.6	8.7	-
3325	Steel foundries, nec	30.0	29.9	31.3	31.0	-	21.5	21.5	23.1	22.9	-
333	Primary nonferrous metals	49.6	49.3	52.6	52.9	-	35.1	34.8	38.6	38.8	-
3334	Primary aluminum	26.1	25.7	28.7	29.0	-	19.1	18.8	22.2	22.4	-
335	Nonferrous rolling and drawing	173.5	179.1	187.3	187.8	-	124.8	125.0	132.1	132.6	-
3351	Copper rolling and drawing	24.9	24.7	27.5	27.5	-	17.9	17.8	20.4	20.5	-
3353	Aluminum sheet, plate, and foil	29.1	29.3	30.8	30.9	-	22.2	22.4	23.5	23.5	-
3357	Nonferrous wire drawing and insulating	74.8	75.2	77.5	77.8	-	52.4	52.7	54.3	54.7	-
336	Nonferrous foundries	76.4	77.4	90.1	90.9	-	59.7	60.4	72.7	73.2	-
3361	Aluminum foundries	44.7	45.7	54.5	54.8	-	35.8	36.8	45.0	45.2	-
34	<b>FABRICATED METAL PRODUCTS</b>	1,359.7	1,353.8	1,446.9	1,448.8	1,445.5	973.6	970.8	1,057.3	1,059.4	1,059.2
341	Metal cans and shipping containers	63.3	61.6	62.2	61.3	-	50.8	51.9	52.7	51.7	-
3411	Metal cans	48.8	50.0	49.9	48.8	-	42.0	43.0	43.1	42.0	-
342	Cutlery, hand tools, and hardware	134.2	133.9	144.4	145.6	-	96.7	97.1	107.1	108.5	-
3423,5	Hand and edge tools, and hand saws and blades	44.2	44.2	45.6	45.6	-	32.0	32.1	33.3	33.5	-
3429	Hardware, nec	77.3	77.4	86.0	87.1	-	56.2	55.6	65.1	66.2	-
343	Plumbing and heating, except electric	63.5	60.8	66.1	66.0	-	42.1	42.8	47.0	46.8	-
3432	Plumbing fittings and brass goods	22.7	23.0	24.7	25.1	-	17.6	18.0	18.6	18.9	-
3433	Heating equipment, except electric	29.3	28.7	31.3	30.7	-	19.0	18.7	21.3	20.5	-
344	Fabricated structural metal products	434.8	424.5	447.7	444.3	-	290.4	282.6	301.6	298.8	-
3441	Fabricated structural metal	81.0	79.8	78.2	77.7	-	55.8	54.9	53.9	53.9	-
3442	Metal doors, sash, and trim	75.6	75.2	88.5	87.0	-	55.2	57.7	65.3	63.4	-
3443	Fabricated plate work (boiler shops)	119.2	114.8	110.6	110.5	-	69.8	66.9	62.7	62.7	-
3444	Sheet metal work	97.5	96.0	107.3	106.5	-	69.2	67.9	78.0	77.0	-
3446	Architectural metal work	28.4	27.9	28.9	28.7	-	19.6	19.3	19.8	20.3	-
345	Screw machine products, bolts, etc.	83.4	83.3	91.2	92.2	-	61.3	61.3	68.7	69.6	-
3451	Screw machine products	39.0	38.6	44.2	44.9	-	30.1	29.7	35.1	35.9	-
3452	Bolts, nuts, rivets, and washers	44.4	44.7	47.0	47.3	-	31.2	31.6	33.6	33.7	-
346	Metal forgings and stampings	215.7	218.2	246.3	249.4	-	167.2	169.5	197.3	199.9	-
3462	Iron and steel forgings	32.6	32.7	34.1	34.7	-	23.3	23.8	25.8	26.4	-
3465	Automotive stampings	75.9	80.0	96.2	97.8	-	63.9	67.0	82.5	83.8	-
3469	Metal stampings, nec	95.4	94.8	105.0	105.8	-	71.4	70.8	80.6	81.3	-
347	Metal services, nec	39.6	39.1	46.0	45.9	-	30.1	29.9	36.8	36.8	-
3471	Plating and polishing	63.3	63.3	68.4	68.6	-	50.8	51.0	55.8	56.1	-
3479	Metal coating and allied services	26.3	25.8	27.6	27.3	-	19.3	18.9	21.0	20.7	-
348	Ordinance and accessories, nec	65.5	64.7	66.0	66.3	-	42.0	41.9	42.9	42.3	-
3483	Ammunition, exc. for small arms, nec	23.5	28.1	29.7	29.7	-	18.2	18.4	19.0	19.1	-
349	Misc. fabricated metal products	215.7	217.7	227.0	227.6	-	153.0	153.8	164.1	165.0	-
3494	Valves and pipe fittings	83.5	84.8	82.7	83.1	-	54.2	54.4	54.6	55.1	-
3496	Misc. fabricated wire products	43.4	49.5	55.5	55.1	-	36.5	37.2	42.3	42.0	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	2,069.2	2,046.5	2,154.1	2,180.7	2,192.6	1,200.7	1,185.7	1,283.6	1,305.0	1,317.7
351	Engines and turbines	102.0	99.4	103.7	105.0	-	60.4	58.9	63.0	64.5	-
3511	Turbines and turbine generator sets	40.9	39.9	36.7	36.4	-	22.0	21.3	18.1	18.0	-
3519	Internal combustion engines, nec	61.1	59.5	67.0	68.6	-	38.4	37.6	44.9	46.5	-
352	Farm and garden machinery	122.4	121.7	130.7	134.0	-	76.1	75.0	84.3	88.0	-
3523	Farm machinery and equipment	104.6	103.1	111.9	113.4	-	63.6	62.6	70.9	73.0	-
353	Construction and related machinery	268.1	255.5	271.3	273.5	-	147.8	141.7	154.4	161.8	-
3531	Construction machinery	75.8	72.9	92.8	93.3	-	34.4	31.9	52.0	52.5	-

See footnotes at end of table.



# ESTABLISHMENT DATA EMPLOYMENT

## B-2. Employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Dec. 1932	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>											
3532	Mining machinery.....	26.1	24.6	22.0	22.4	-	14.8	13.4	12.4	12.8	-
3533	Oil field machinery.....	87.7	87.1	76.0	76.5	-	55.0	54.7	47.5	48.2	-
3535	Conveyers and conveying equipment.....	23.5	27.3	28.9	29.2	-	14.7	13.7	15.3	15.6	-
3537	Industrial trucks and tractors.....	25.3	24.8	28.2	28.5	-	14.6	14.1	17.9	18.3	-
354	Metalworking machinery.....	284.4	280.4	292.0	296.7	-	195.7	193.1	205.6	210.1	-
3541	Machine tools, metal cutting types.....	52.7	51.5	50.0	50.4	-	30.4	30.0	29.1	29.6	-
3542	Machine tools, metal forming types.....	17.5	17.0	17.4	17.7	-	10.0	9.5	10.3	10.6	-
3544	Special dies, tools, jigs, and fixtures.....	113.3	118.5	127.2	129.9	-	92.0	91.2	99.0	101.5	-
3545	Machine tool accessories.....	52.4	51.2	54.8	55.8	-	34.4	33.9	37.7	38.8	-
3546	Power driven hand tools.....	23.3	23.1	25.2	25.4	-	16.9	16.7	18.7	18.7	-
355	Special industry machinery.....	163.8	162.8	162.1	162.9	-	97.5	95.1	95.4	96.0	-
3551	Food products machinery.....	37.2	36.0	35.9	36.1	-	23.2	23.1	21.9	22.1	-
3552	Textile machinery.....	23.5	20.4	20.2	20.1	-	13.6	13.5	13.8	12.9	-
3555	Printing trades machinery.....	34.4	34.2	33.8	33.9	-	20.1	19.8	19.3	19.3	-
356	General industrial machinery.....	255.2	253.2	258.5	262.7	-	155.1	154.2	160.8	164.7	-
3561	Pumps and pumping equipment.....	51.5	51.2	50.6	50.6	-	28.6	28.4	28.6	28.7	-
3562	Ball and roller bearings.....	43.9	41.9	47.3	48.1	-	29.1	30.7	35.3	36.2	-
3563	Air and gas compressors.....	26.0	25.1	21.8	22.7	-	13.6	13.1	10.6	11.2	-
3564	Blowers and fans.....	34.4	34.1	35.2	35.1	-	21.0	20.7	21.1	21.4	-
3566	Speed changers, drives, and gears.....	13.9	18.8	20.0	20.2	-	11.7	11.4	13.0	13.2	-
3568	Power transmission equipment, nec.....	17.4	16.6	17.0	18.4	-	11.4	10.7	11.3	12.2	-
357	Office and computing machines.....	478.5	478.2	502.3	507.1	-	199.0	189.1	200.5	200.1	-
3573	Electronic computing equipment.....	411.3	411.5	436.3	441.3	-	155.1	155.1	167.2	166.9	-
358	Refrigeration and service machinery.....	151.5	151.5	170.4	172.7	-	100.2	100.3	118.3	120.4	-
3585	Refrigeration and heating equipment.....	102.1	103.2	119.9	121.9	-	58.0	63.1	84.7	86.6	-
359	Misc. machinery, except electrical.....	243.3	239.8	263.1	266.1	-	178.9	176.3	196.3	199.4	-
3592	Carburetors, pistons, rings, valves.....	30.9	30.8	36.2	36.5	-	23.5	24.0	28.2	28.8	-
3599	Machinery, except electrical, nec.....	212.4	209.0	226.9	229.6	-	155.4	152.3	168.1	170.6	-
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT.....</b>	<b>1,361.8</b>	<b>1,369.6</b>	<b>2,131.8</b>	<b>2,150.7</b>	<b>2,158.8</b>	<b>1,164.0</b>	<b>1,179.6</b>	<b>1,309.7</b>	<b>1,323.5</b>	<b>1,337.2</b>
361	Electric distributing equipment.....	108.1	107.1	111.2	112.3	-	74.9	75.5	79.5	80.7	-
3612	Transformers.....	47.1	46.9	46.6	49.2	-	32.8	32.6	33.8	34.4	-
3613	Switchgear and switchboard apparatus.....	61.0	60.2	62.6	63.1	-	42.1	42.9	45.7	46.3	-
362	Electrical industrial apparatus.....	187.8	187.8	198.6	200.1	-	127.5	127.9	139.5	141.0	-
3621	Motors and generators.....	91.7	92.3	100.9	101.0	-	56.5	63.1	78.3	78.1	-
3622	Industrial controls.....	59.8	59.2	60.0	61.1	-	35.1	34.8	36.1	37.1	-
363	Household appliances.....	133.3	139.4	151.9	154.5	-	101.4	107.3	117.9	121.5	-
3632	Household refrigerators and freezers.....	22.6	25.3	23.5	27.3	-	17.2	13.6	16.2	22.0	-
3633	Household laundry equipment.....	19.1	21.7	24.0	23.9	-	14.1	16.6	18.6	18.5	-
3634	Electric housewares and fans.....	43.4	40.4	45.8	44.6	-	33.4	30.5	35.2	34.3	-
364	Electric lighting and wiring equipment.....	172.6	179.1	193.2	194.0	-	123.3	129.2	142.5	143.0	-
3641	Electric lamps.....	20.9	27.3	27.6	27.5	-	18.0	23.8	24.0	23.9	-
3643	Current-carrying wiring devices.....	75.0	75.1	82.1	82.5	-	49.0	49.0	55.5	55.5	-
3644	Noncurrent-carrying wiring devices.....	17.0	17.1	17.3	17.2	-	12.2	12.1	12.6	12.5	-
3645	Residential lighting fixtures.....	22.9	22.7	26.0	26.2	-	17.3	17.0	19.9	20.0	-
365	Radio and TV receiving equipment.....	85.9	86.2	91.7	90.7	-	58.8	59.8	64.2	63.7	-
3651	Radio and TV receiving sets.....	66.3	67.4	70.5	70.6	-	44.6	46.4	48.3	48.9	-
366	Communication equipment.....	573.5	571.3	592.1	597.8	-	262.4	261.4	263.6	270.6	-
3661	Telephone and telegraph apparatus.....	140.4	138.8	141.0	141.0	-	89.8	83.9	90.0	90.0	-
3662	Radio and TV communication equipment.....	433.1	432.5	451.1	456.8	-	172.6	172.5	178.6	180.6	-
367	Electronic components and accessories.....	557.6	556.1	631.4	638.6	-	313.9	317.1	379.2	384.4	-
3671-3	Electronic tubes.....	42.4	42.5	44.9	44.9	-	26.1	26.3	27.3	27.5	-
3674	Semiconductors and related devices.....	223.7	229.3	249.4	251.8	-	91.2	92.2	107.8	109.4	-
3679	Electronic components, nec.....	223.8	219.3	259.7	263.3	-	147.9	150.6	184.8	187.6	-
369	Misc. electrical equipment and supplies.....	142.8	142.6	161.7	162.7	-	101.2	101.4	118.3	118.6	-
3691	Storage batteries.....	30.0	29.3	34.0	34.2	-	23.5	22.7	27.1	27.3	-
3694	Engine electrical equipment.....	54.3	54.2	64.0	64.9	-	42.4	42.4	50.3	51.4	-
37	<b>TRANSPORTATION EQUIPMENT.....</b>	<b>1,697.0</b>	<b>1,689.3</b>	<b>1,876.6</b>	<b>1,880.6</b>	<b>1,972.2</b>	<b>1,046.0</b>	<b>1,037.7</b>	<b>1,204.9</b>	<b>1,206.2</b>	<b>1,195.0</b>
371	Motor vehicles and equipment.....	584.4	682.9	845.7	848.1	-	501.1	498.3	652.4	655.6	-
3711	Motor vehicles and car bodies.....	325.7	314.8	397.7	394.5	-	229.9	218.4	296.7	294.6	-
3713	Truck and bus bodies.....	27.6	26.6	34.4	34.0	-	20.4	19.3	26.6	26.2	-
3714	Motor vehicle parts and accessories.....	304.5	316.2	372.5	377.0	-	231.1	242.3	296.7	301.0	-
3715	Truck trailers.....	19.3	17.9	28.0	29.0	-	14.0	12.6	21.7	22.5	-
372	Aircraft and parts.....	589.7	585.9	581.7	583.7	-	296.1	293.4	281.2	282.0	-
3721	Aircraft.....	312.5	308.8	308.3	309.5	-	139.7	137.9	131.0	131.5	-
3724	Aircraft engines and engine parts.....	147.5	147.9	141.6	141.7	-	82.3	82.0	74.6	74.9	-
3728	Aircraft equipment, nec.....	129.7	129.2	131.8	132.5	-	74.1	73.5	75.6	75.7	-
373	Ship and boat building and repairing.....	199.3	195.2	208.2	206.8	-	148.9	144.7	159.6	158.7	-
3731	Ship building and repairing.....	164.0	159.8	162.3	160.1	-	120.4	116.3	121.9	120.1	-
3732	Boat building and repairing.....	35.3	35.4	45.9	46.7	-	28.5	28.4	37.7	38.6	-
374	Railroad equipment.....	30.2	30.0	31.2	30.5	-	18.2	18.2	20.4	19.7	-
376	Guided missiles, space vehicles, parts.....	137.4	138.3	147.3	148.6	-	43.4	44.1	48.0	48.6	-
3761	Guided missiles and space vehicles.....	109.1	109.8	116.6	117.7	-	33.6	34.1	36.3	37.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
<b>TRANSPORTATION EQUIPMENT—Continued</b>											
379	Miscellaneous transportation equipment .....	43.8	44.2	47.8	49.2	-	29.6	29.7	32.3	32.6	-
3792	Travel trailers and campers .....	15.7	16.3	20.4	20.8	-	11.9	12.4	16.3	16.5	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS .....</b>	695.7	693.0	701.0	702.9	702.5	390.8	386.0	394.3	393.5	396.6
381	Engineering and scientific instruments .....	79.5	79.4	81.9	82.7	-	36.6	36.6	37.8	38.0	-
382	Measuring and controlling devices .....	237.4	236.7	240.5	241.9	-	140.4	139.2	141.3	141.9	-
3822	Environmental controls .....	42.2	42.2	46.2	46.5	-	27.1	27.8	29.3	30.3	-
3823	Process control instruments .....	55.7	56.2	53.8	54.0	-	27.9	27.3	25.3	25.3	-
3825	Instruments to measure electricity .....	99.5	99.4	100.1	100.8	-	59.3	57.1	58.9	58.8	-
383	Optical instruments and lenses .....	32.8	32.9	34.2	34.1	-	17.4	17.1	17.8	17.6	-
384	Medical instruments and supplies .....	155.8	155.9	163.2	163.5	-	94.7	94.7	100.0	99.6	-
3841	Surgical and medical instruments .....	74.5	74.4	77.7	77.8	-	42.6	42.5	45.5	45.2	-
3842	Surgical appliances and supplies .....	67.1	67.3	71.3	71.4	-	43.8	43.9	46.3	46.2	-
385	Ophthalmic goods .....	36.2	36.3	37.5	37.7	-	24.8	24.6	25.6	25.5	-
386	Photographic equipment and supplies .....	136.3	134.3	126.6	125.9	-	65.2	63.1	53.8	59.0	-
387	Watches, clocks, and watchcases .....	17.7	17.5	17.1	17.1	-	11.7	11.7	12.0	11.9	-
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES .....</b>	369.3	362.2	397.0	387.7	375.1	262.7	256.2	290.5	280.8	270.7
391	Jewelry, silverware, and plated ware .....	57.3	55.3	59.1	57.0	-	40.5	39.8	42.4	40.4	-
3911	Jewelry, precious metal .....	37.8	36.4	39.6	37.8	-	26.7	25.4	28.5	26.8	-
393	Musical instruments .....	18.6	18.7	20.4	20.5	-	14.5	14.5	15.1	16.1	-
394	Toys and sporting goods .....	93.6	98.3	115.1	111.2	-	68.7	69.9	84.6	80.1	-
3942, 4	Dolls, games, toys, and children's vehicles .....	47.4	47.2	60.1	55.7	-	29.6	30.3	43.2	38.4	-
3949	Sporting and athletic goods, nec .....	51.2	51.1	55.0	55.5	-	38.5	38.6	41.4	41.7	-
395	Pens, pencils, office and art supplies .....	30.1	29.9	31.1	30.9	-	20.3	20.1	21.6	21.1	-
396	Costume jewelry and notions .....	33.7	36.5	42.5	40.7	-	29.7	27.0	33.3	31.6	-
3961	Costume jewelry .....	23.8	18.7	23.5	22.5	-	16.4	14.1	18.7	17.7	-
399	Miscellaneous manufactures .....	126.0	123.5	128.9	127.4	-	89.0	86.9	92.5	91.5	-
3993	Signs and advertising displays .....	46.5	45.9	49.2	49.4	-	32.6	32.0	34.6	35.1	-
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS .....</b>	1,614.7	1,574.9	1,654.7	1,616.6	1,587.7	1,108.1	1,072.0	1,146.2	1,111.8	1,086.0
201	Meat products .....	344.6	336.8	353.6	349.5	-	286.9	279.6	296.2	293.6	-
2011	Meat packing plants .....	144.5	141.3	146.2	144.9	-	118.4	115.3	119.3	119.5	-
2013	Sausages and other prepared meats .....	71.5	69.7	71.5	72.0	-	52.8	51.3	53.3	53.6	-
2016	Poultry dressing plants .....	113.4	110.7	119.7	116.9	-	102.4	99.9	109.3	106.6	-
202	Dairy products .....	164.0	161.9	164.6	163.8	-	91.3	89.9	93.9	93.1	-
2022	Cheese, natural and processed .....	35.8	34.6	36.0	35.8	-	27.1	26.3	27.6	27.3	-
2026	Fluid milk .....	91.8	91.2	91.2	91.1	-	41.3	41.1	42.2	42.2	-
203	Preserved fruits and vegetables .....	219.9	204.4	235.3	209.7	-	179.7	164.1	193.0	168.1	-
2032	Canned specialties .....	24.0	24.0	24.5	24.2	-	18.2	13.1	19.0	17.5	-
2033	Canned fruits and vegetables .....	72.0	64.4	75.7	63.1	-	56.5	43.4	61.1	48.9	-
2037	Frozen fruits and vegetables .....	45.2	41.6	50.3	40.8	-	40.0	35.5	43.3	34.3	-
204	Grain mill products .....	135.9	136.9	134.4	133.5	-	90.8	92.2	89.9	89.5	-
2041	Flour and other grain mill products .....	25.0	27.4	27.1	26.8	-	14.8	16.5	16.1	16.2	-
2048	Prepared feeds, nec .....	50.0	50.4	48.2	48.1	-	31.9	32.2	30.1	29.9	-
205	Bakery products .....	218.2	216.0	215.4	219.0	-	128.4	127.0	130.4	129.9	-
2051	Bread, cake, and related products .....	174.9	172.9	175.7	175.4	-	93.5	92.2	95.3	94.9	-
2052	Cookies and crackers .....	43.3	43.1	43.7	43.6	-	34.9	34.8	35.1	35.0	-
206	Sugar and confectionery products .....	109.0	107.1	119.8	116.8	-	86.0	84.2	94.7	92.0	-
2061-3	Cane and beet sugar .....	31.6	30.4	32.7	30.5	-	25.4	24.1	25.7	23.8	-
2065	Confectionery products .....	57.4	57.2	67.1	66.1	-	47.0	47.0	55.6	54.7	-
207	Fats and oils .....	39.7	38.3	37.0	37.1	-	30.1	28.9	27.7	27.9	-
208	Beverages .....	225.4	221.9	225.5	225.3	-	96.9	94.9	95.6	96.0	-
2082	Malt beverages .....	43.0	47.1	47.3	47.3	-	30.4	29.8	28.3	28.8	-
2086	Bottled and canned soft drinks .....	132.2	130.6	132.3	132.4	-	42.6	41.8	42.2	42.5	-
209	Misc. foods and kindred products .....	153.0	151.6	165.1	161.9	-	118.0	111.2	124.8	121.7	-
21	<b>TOBACCO MANUFACTURES .....</b>	71.5	71.0	64.2	64.6	63.3	57.0	55.7	49.2	49.8	48.6
211	Cigarettes .....	47.4	47.4	43.6	44.0	-	36.3	36.1	32.7	33.0	-
22	<b>TEXTILE MILL PRODUCTS .....</b>	733.0	721.1	762.7	763.4	758.3	625.0	616.9	660.8	661.5	656.8
221	Weaving mills, cotton .....	124.5	121.9	124.8	124.4	-	109.9	107.5	111.6	111.6	-
222	Weaving mills, synthetics .....	91.0	90.2	92.2	92.7	-	80.9	83.3	82.7	83.0	-
223	Weaving and finishing mills, wool .....	15.3	16.0	17.8	18.2	-	13.6	13.4	14.9	15.4	-
224	Narrow fabric mills .....	21.5	21.7	22.5	22.5	-	18.9	18.7	19.4	19.4	-
225	Knitting mills .....	200.1	195.8	211.9	210.7	-	171.1	167.2	184.3	182.9	-
2251	Women's hosiery, except socks .....	31.7	31.7	35.3	35.8	-	28.3	28.4	31.8	32.3	-
2252	Hosiery, nec .....	33.7	30.5	32.7	32.2	-	27.6	27.5	29.4	28.9	-
2253	Knit outerwear mills .....	64.3	60.8	65.5	64.3	-	54.2	50.9	56.3	55.2	-
2254	Knit underwear mills .....	29.2	28.9	31.3	31.5	-	24.6	24.4	26.9	26.9	-

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

## B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
<b>TEXTILE MILL PRODUCTS—Continued</b>											
2257	Circular knit fabric mills	25.8	25.5	27.1	27.1	-	21.5	21.3	23.0	23.0	-
226	Textile finishing, except wool	64.6	63.5	65.9	65.1	-	52.5	52.5	55.3	55.6	-
2261	Finishing plants, cotton	27.9	27.1	27.4	27.5	-	23.1	22.3	22.9	23.0	-
2262	Finishing plants, synthetics	22.6	22.4	23.3	23.2	-	15.7	13.6	19.6	19.5	-
227	Floor covering mills	45.7	46.4	50.4	50.6	-	35.8	35.4	40.5	40.6	-
228	Yarn and thread mills	103.6	107.9	114.2	114.9	-	96.8	96.0	102.0	102.7	-
2281	Yarn mills, except wool	74.6	73.9	78.2	78.7	-	57.5	56.8	70.5	71.1	-
2282	Throwing and winding mills	15.6	16.8	16.2	16.5	-	14.6	14.9	16.3	16.5	-
229	Miscellaneous textile goods	57.1	57.7	63.0	63.3	-	44.5	44.9	50.1	50.3	-
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	<b>1,129.2</b>	<b>1,129.7</b>	<b>1,208.5</b>	<b>1,194.1</b>	<b>1,190.1</b>	<b>951.0</b>	<b>953.2</b>	<b>1,024.0</b>	<b>1,000.3</b>	<b>1,009.2</b>
231	Men's and boys' suits and coats	72.1	70.7	70.5	70.9	-	63.3	62.2	61.4	62.1	-
232	Men's and boys' furnishings	315.0	313.9	337.5	333.9	-	268.5	267.7	288.8	285.8	-
2321	Men's and boys' shirts and nightwear	87.6	87.2	94.9	93.8	-	74.6	74.8	81.7	80.9	-
2327	Men's and boys' separate trousers	65.2	65.2	67.1	67.3	-	56.3	56.4	58.0	58.2	-
2328	Men's and boys' work clothing	91.3	89.7	99.6	97.9	-	76.9	75.7	84.1	82.7	-
233	Women's and misses' outerwear	374.3	380.5	397.7	391.1	-	316.1	321.0	336.6	329.0	-
2331	Women's and misses' blouses and waists	61.3	62.9	62.8	61.8	-	52.4	53.8	53.6	52.6	-
2335	Women's and misses' dresses	123.0	124.5	125.9	127.0	-	102.4	106.4	111.0	107.7	-
2337	Women's and misses' suits and coats	56.0	53.1	61.3	57.6	-	47.1	44.5	51.5	47.9	-
2339	Women's and misses' outerwear, nec.	137.0	140.0	142.7	144.5	-	114.2	115.3	120.5	120.8	-
234	Women's and children's undergarments	31.1	80.3	88.7	88.1	-	68.2	67.6	75.1	74.2	-
2341	Women's and children's underwear	66.3	65.7	73.1	72.7	-	57.1	56.6	63.5	62.7	-
2342	Brassieres and allied garments	14.8	14.6	15.6	15.4	-	11.1	11.0	11.6	11.5	-
236	Children's outerwear	59.1	60.2	63.6	62.9	-	50.2	51.3	54.5	53.7	-
2361	Children's dresses and blouses	26.2	26.4	26.4	26.3	-	23.4	23.6	23.5	23.3	-
238	Misc. apparel and accessories	45.4	45.4	47.6	46.1	-	37.3	37.4	39.7	38.1	-
239	Misc. fabricated textile products	163.2	160.7	182.7	180.9	-	132.6	131.1	151.0	148.6	-
2391	Curtains and draperies	23.8	22.9	26.3	26.2	-	19.4	19.5	21.7	21.5	-
2392	House furnishings, nec.	48.9	47.3	55.0	53.6	-	40.7	39.4	46.6	45.1	-
2396	Automotive and apparel trimmings	28.8	28.7	34.3	34.1	-	23.1	23.3	28.5	28.0	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	<b>552.1</b>	<b>648.7</b>	<b>667.3</b>	<b>669.5</b>	<b>667.1</b>	<b>485.0</b>	<b>482.3</b>	<b>503.7</b>	<b>502.2</b>	<b>500.6</b>
261, 2.6	Paper and pulp mills	193.8	193.3	196.0	195.6	-	145.0	145.2	147.9	148.5	-
262	Paper mills, except building paper	163.3	167.7	169.0	169.8	-	124.7	124.4	125.9	126.8	-
263	Paperboard mills	59.7	59.5	59.6	59.9	-	45.5	45.3	45.8	46.2	-
264	Misc. converted paper products	211.6	211.5	215.6	221.4	-	152.8	153.0	159.6	150.5	-
2641	Paper coating and glazing	56.9	56.6	59.0	59.2	-	36.2	35.8	38.6	38.7	-
2642	Envelopes	25.8	25.8	26.7	27.3	-	20.0	20.1	20.8	21.2	-
2643	Bags, except textile bags	43.3	49.0	49.6	50.0	-	38.4	38.1	38.9	39.2	-
265	Paperboard containers and boxes	187.0	184.4	192.1	191.6	-	141.7	138.8	147.5	147.0	-
2651	Folding paperboard boxes	40.1	39.6	40.8	40.9	-	31.2	30.7	31.3	31.8	-
2653	Corrugated and solid fiber boxes	93.0	97.1	100.6	100.6	-	72.4	71.4	75.3	75.3	-
2654	Sanitary food containers	22.1	22.1	22.4	22.3	-	17.7	17.7	18.4	18.3	-
27	<b>PRINTING AND PUBLISHING</b>	<b>1,272.0</b>	<b>1,265.2</b>	<b>1,304.8</b>	<b>1,312.1</b>	<b>1,309.5</b>	<b>701.2</b>	<b>693.3</b>	<b>720.8</b>	<b>726.2</b>	<b>722.6</b>
271	Newspapers	418.9	415.0	428.7	429.9	-	159.4	155.0	162.5	163.6	-
272	Periodicals	93.1	95.6	100.9	101.0	-	21.5	21.5	22.4	22.2	-
273	Books	93.3	98.4	94.2	96.8	-	50.6	50.9	46.9	49.5	-
2731	Book publishing	79.3	70.2	67.1	67.8	-	27.6	27.6	25.1	25.9	-
2732	Book printing	23.0	28.2	27.1	29.0	-	23.0	23.1	21.8	23.6	-
274	Miscellaneous publishing	51.0	50.8	51.7	52.5	-	27.0	27.8	28.0	28.7	-
275	Commercial printing	425.9	422.7	443.7	446.6	-	313.6	307.5	326.3	327.7	-
2751	Commercial printing, letterpress	153.4	146.9	155.5	156.2	-	112.0	108.4	115.7	116.2	-
2752	Commercial printing, lithographic	253.5	253.3	264.8	266.9	-	183.4	181.6	191.9	192.7	-
276	Manifold business forms	47.6	47.7	46.3	43.7	-	33.2	33.2	34.2	34.6	-
278	Blankbooks and bookbinding	53.4	60.3	62.7	62.1	-	47.8	48.5	50.3	49.9	-
279	Printing trade services	46.5	46.4	48.3	48.4	-	34.6	34.4	36.0	36.2	-
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	<b>1,055.6</b>	<b>1,049.9</b>	<b>1,059.0</b>	<b>1,059.6</b>	<b>1,059.4</b>	<b>586.8</b>	<b>582.9</b>	<b>589.6</b>	<b>591.5</b>	<b>592.0</b>
281	Industrial inorganic chemicals	155.1	154.6	151.9	151.9	-	80.8	80.4	77.0	77.4	-
2819	Industrial inorganic chemicals, nec.	103.4	103.5	104.0	104.0	-	54.7	54.6	53.2	53.5	-
282	Plastics materials and synthetics	177.3	176.0	179.4	179.3	-	114.9	114.0	116.9	117.1	-
2821	Plastics materials and resins	73.3	72.8	76.2	76.4	-	43.0	42.8	44.4	44.6	-
2824	Organic fibers, noncellulosic	74.2	73.6	72.4	72.2	-	51.7	51.3	51.0	51.1	-
283	Drugs	199.6	199.3	200.8	201.0	-	98.5	98.3	98.6	98.2	-
2834	Pharmaceutical preparations	157.7	157.4	158.3	158.4	-	76.8	76.6	76.4	76.0	-
284	Soap, cleaners, and toilet goods	146.3	144.2	153.1	153.9	-	92.5	90.2	95.5	96.6	-
2841	Soap and other detergents	44.9	44.7	45.8	45.3	-	29.3	29.1	29.9	29.4	-
2844	Toilet preparations	62.9	60.7	67.7	69.2	-	41.8	39.6	44.5	45.8	-
2842, 3	Polishing, sanitation, and finishing preparations	33.5	38.8	39.6	39.4	-	21.4	21.5	21.5	21.4	-
285	Paints and allied products	59.1	59.6	61.9	61.1	-	28.1	28.6	30.2	29.9	-
286	Industrial organic chemicals	165.9	165.3	161.1	160.7	-	85.3	84.7	82.4	82.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
2865	Cyclic crudes and intermediates.....	32.6	32.3	31.4	31.3	-	20.1	19.9	18.8	18.7	-
2861,9	Gum, wood, and industrial organic chemicals, nec.....	134.3	133.0	129.7	129.4	-	65.2	64.8	63.6	63.7	-
287	Agricultural chemicals.....	61.9	61.9	59.8	60.0	-	37.2	37.4	36.1	36.5	-
289	Miscellaneous chemical products.....	59.2	88.7	91.0	91.7	-	49.5	49.3	52.5	53.4	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	197.6	195.5	194.2	190.2	187.3	117.1	116.7	115.9	112.0	110.3
291	Petroleum refining.....	163.2	162.0	155.1	154.4	-	93.8	94.0	88.1	87.1	-
295	Paving and roofing materials.....	23.2	22.3	27.5	24.4	-	16.7	16.0	20.7	17.8	-
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b> .....	683.1	682.3	763.3	765.8	770.0	521.7	520.6	594.4	596.0	600.9
301	Tires and inner tubes.....	102.0	101.0	102.7	103.1	-	73.2	73.0	72.9	73.2	-
302	Rubber and plastics footwear.....	19.6	18.2	18.4	17.9	-	16.8	15.4	15.5	14.9	-
303,4	Reclaimed rubber, and rubber and plastics hose and belting.....	20.6	20.4	23.1	23.5	-	14.4	14.1	16.2	16.5	-
306	Fabricated rubber products, nec.....	93.7	94.1	105.6	105.6	-	70.5	70.7	81.6	81.6	-
307	Miscellaneous plastics products.....	447.2	448.6	513.5	515.7	-	346.8	347.4	408.2	409.8	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	212.0	211.0	221.3	216.1	212.8	175.2	174.7	186.2	180.5	177.8
311	Leather tanning and finishing.....	13.5	18.5	19.4	19.1	-	15.1	15.2	16.2	15.9	-
314	Footwear, except rubber.....	132.0	132.9	134.1	130.8	-	111.6	112.5	115.1	111.3	-
3143	Men's footwear, except athletic.....	51.6	52.0	53.2	51.7	-	41.4	41.6	43.4	41.6	-
3144	Women's footwear, except athletic.....	53.3	53.4	52.0	52.0	-	46.9	47.2	46.3	46.2	-
316	Luggage.....	12.8	12.0	13.6	13.2	-	8.7	8.0	10.1	9.6	-
317	Handbags and personal leather goods.....	25.7	24.8	29.2	27.5	-	20.8	19.9	24.0	22.4	-
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	5,036	4,914	5,049	5,035	4,966	4,150	4,041	4,158	4,141	4,067
40	<b>RAILROAD TRANSPORTATION</b> .....	393.2	368.8	371.1	360.1	-	-	-	-	-	-
4011	Class I railroads.....	365.0	342.3	341.0	331.0	-	-	-	-	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> .....	276.1	274.6	262.7	262.5	-	257.1	255.8	244.8	244.5	-
411	Local and suburban transportation.....	84.5	84.4	88.0	88.0	-	77.6	77.5	81.0	81.0	-
412	Taxis.....	41.3	41.1	39.0	40.0	-	-	-	-	-	-
413	Intercity highway transportation.....	36.5	35.6	18.6	18.2	-	33.4	32.8	17.0	16.7	-
415	School buses.....	95.0	96.2	96.9	97.6	-	-	-	-	-	-
42	<b>TRUCKING AND WAREHOUSING</b> .....	1,219.6	1,151.7	1,265.5	1,273.2	-	1,060.5	993.6	1,105.5	1,111.9	-
421,3	Trucking and trucking terminals.....	1,134.2	1,069.8	1,179.3	1,189.8	-	988.4	925.0	1,032.4	1,041.8	-
422	Public warehousing.....	85.4	81.9	86.2	83.4	-	72.1	68.6	73.1	70.1	-
44	<b>WATER TRANSPORTATION</b> .....	187.1	185.2	192.7	183.2	-	-	-	-	-	-
45	<b>TRANSPORTATION BY AIR</b> .....	444.6	439.5	447.7	450.7	-	-	-	-	-	-
451,2	Air transportation.....	394.8	389.7	392.8	395.4	-	-	-	-	-	-
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b> .....	21.9	21.8	21.8	21.9	-	15.3	15.3	15.3	15.5	-
47	<b>TRANSPORTATION SERVICES</b> .....	215.8	214.4	219.5	218.2	-	-	-	-	-	-
48	<b>COMMUNICATION</b> .....	1,403.6	1,382.0	1,375.3	1,377.2	-	1,062.6	1,053.1	1,045.8	1,040.6	-
481	Telephone communication.....	1,043.2	1,022.7	997.9	993.6	-	770.0	762.2	742.9	735.7	-
483	Radio and television broadcasting.....	225.0	225.5	232.2	233.3	-	183.4	180.8	185.3	186.6	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> .....	876.6	876.0	888.8	888.1	-	706.1	705.5	707.5	706.3	-
491	Electric services.....	423.4	429.3	436.3	436.0	-	340.5	341.1	342.8	342.0	-
492	Gas production and distribution.....	176.3	175.1	174.0	173.9	-	141.4	140.3	138.3	138.2	-
493	Combination utility services.....	197.3	197.4	203.0	202.8	-	160.5	160.3	160.6	160.5	-
495	Sanitary services.....	50.4	50.2	52.0	51.6	-	44.2	44.4	46.5	46.1	-
-	<b>WHOLESALE AND RETAIL TRADE</b> .....	20,624	20,108	20,955	21,341	20,577	18,252	17,545	18,321	18,694	17,910
50,51	<b>WHOLESALE TRADE</b> .....	5,202	5,145	5,312	5,323	5,297	4,192	4,132	4,276	4,282	4,262
50	<b>WHOLESALE TRADE - DURABLE GOODS</b> .....	3,025	3,007	3,118	3,132	-	2,417	2,401	2,496	2,505	-
501	Motor vehicles and automotive equipment.....	400.8	400.5	411.1	412.4	-	322.4	321.3	329.6	330.2	-
502	Furniture and home furnishing.....	114.6	113.7	118.1	118.9	-	95.0	92.8	97.2	97.9	-
503	Lumber and construction materials.....	173.6	177.8	197.5	198.3	-	145.5	145.1	163.6	164.5	-
504	Sporting goods, toys, and hobby goods.....	71.6	71.0	73.2	73.3	-	58.0	56.9	58.6	58.3	-
505	Metals and minerals, except petroleum.....	132.3	130.4	132.0	132.4	-	103.7	102.4	105.3	105.9	-
506	Electrical goods.....	426.0	421.7	442.2	445.3	-	337.5	334.6	353.4	355.0	-
507	Hardware, plumbing, and heating equipment.....	234.2	233.1	239.5	240.7	-	188.8	188.2	194.2	195.0	-

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

## B-2. Employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
	<b>WHOLESALE TRADE-DURABLE GOODS—</b>										
	Continued										
508	Machinery, equipment, and supplies .....	1,297.8	1,291.2	1,321.6	1,326.6	-	1,027.6	1,021.7	1,043.7	1,044.0	-
509	Miscellaneous durable goods .....	163.7	167.2	182.7	184.1	-	138.7	137.5	153.1	154.3	-
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b>	2,177	2,138	2,194	2,191	-	1,775	1,731	1,780	1,777	-
511	Paper and paper products .....	159.0	157.2	165.7	166.2	-	127.6	126.1	135.0	135.4	-
512	Drugs, proprietaries, and sundries .....	154.2	154.3	154.7	155.9	-	129.6	129.6	128.9	130.5	-
513	Apparel, piece goods, and notions .....	167.7	165.2	172.0	170.4	-	130.9	125.4	128.7	127.2	-
514	Groceries and related products .....	659.9	641.0	661.7	663.0	-	565.2	546.5	565.3	566.1	-
516	Chemicals and allied products .....	132.5	133.1	136.1	136.5	-	93.5	92.9	95.2	94.7	-
517	Petroleum and petroleum products .....	221.2	218.9	216.6	216.0	-	166.9	165.4	164.1	163.6	-
518	Beer, wine, and distilled beverages .....	146.2	142.3	147.2	148.7	-	121.7	117.8	123.0	124.4	-
519	Miscellaneous nondurable goods .....	383.7	382.8	390.2	386.9	-	317.2	309.3	315.2	312.9	-
52-59	<b>RETAIL TRADE</b> .....	15,522	14,963	15,443	16,018	15,280	14,060	13,413	14,045	14,412	13,648
52	<b>BUILDING MATERIALS AND GARDEN</b>										
	SUPPLIES .....	588.6	567.5	614.3	615.7	-	495.8	475.5	518.4	519.9	-
521	Lumber and other building materials .....	298.1	293.6	323.8	320.4	-	251.2	247.2	275.3	272.2	-
525	Hardware stores .....	150.5	146.5	154.0	156.4	-	128.7	123.4	130.8	133.5	-
53	<b>GENERAL MERCHANDISE STORES</b> .....	2,443.2	2,236.9	2,365.5	2,552.6	-	2,289.4	2,091.6	2,228.3	2,409.1	-
531	Department stores .....	2,073.1	1,917.1	2,027.5	2,190.6	-	1,952.6	1,803.7	1,918.1	2,079.5	-
533	Variety stores .....	244.4	209.7	220.9	234.9	-	227.2	193.3	203.7	216.8	-
539	Misc. general merchandise stores .....	125.7	110.1	121.1	127.1	-	109.6	94.6	106.5	112.8	-
54	<b>FOOD STORES</b> .....	2,515.7	2,460.2	2,537.3	2,563.0	-	2,337.0	2,279.6	2,362.2	2,389.3	-
541	Grocery stores .....	2,190.5	2,161.6	2,218.4	2,235.9	-	2,040.6	2,011.2	2,073.9	2,092.1	-
542	Meat markets and freezer provisioners .....	58.5	58.0	59.3	59.1	-	-	-	-	-	-
546	Retail bakeries .....	132.4	130.2	137.1	136.8	-	121.5	118.1	125.3	124.9	-
55	<b>AUTOMOTIVE DEALERS AND SERVICE</b>										
	STATIONS .....	1,600.9	1,594.7	1,638.0	1,638.4	-	1,345.3	1,338.7	1,377.3	1,377.6	-
551.2	New and used car dealers .....	733.6	735.9	769.1	769.6	-	601.3	603.5	633.3	633.5	-
553	Auto and home supply stores .....	260.0	255.3	264.6	267.3	-	223.3	219.3	228.4	231.0	-
554	Gasoline service stations .....	537.2	534.1	529.0	528.1	-	465.5	461.2	455.9	455.6	-
56	<b>APPAREL AND ACCESSORY STORES</b> .....	1,032.3	946.4	982.3	1,057.0	-	857.0	802.0	836.0	907.9	-
561	Men's and boys' clothing and furnishings .....	134.4	120.5	119.5	132.4	-	116.0	102.2	100.7	113.4	-
562	Women's ready-to-wear stores .....	363.5	340.3	362.8	381.0	-	318.9	291.0	310.3	328.0	-
565	Family clothing stores .....	202.5	176.0	180.1	204.4	-	179.4	153.8	158.2	181.7	-
566	Shoe stores .....	212.8	200.9	204.6	217.7	-	174.5	162.7	167.7	179.4	-
57	<b>FURNITURE AND HOME FURNISHINGS</b>										
	STORES .....	587.2	576.4	612.4	623.2	-	487.6	476.5	509.5	519.8	-
571	Furniture and home furnishings stores .....	349.1	342.3	365.2	368.7	-	289.6	282.6	303.8	307.8	-
572	Household appliance stores .....	75.2	74.2	77.7	78.2	-	64.1	63.8	66.5	66.9	-
573	Radio, television, and music stores .....	162.9	159.9	169.5	176.3	-	133.9	130.1	139.2	145.1	-
58	<b>EATING AND DRINKING PLACES</b> .....	4,316.9	4,653.8	4,874.4	4,866.0	-	4,430.7	4,272.4	4,463.7	4,452.0	-
59	<b>MISCELLANEOUS RETAIL</b> .....	2,337.5	1,926.6	2,014.5	2,102.3	-	1,787.3	1,676.8	1,749.5	1,836.3	-
591	Drug stores and proprietary stores .....	506.7	494.8	500.7	513.2	-	455.5	443.4	443.4	455.8	-
592	Liquor stores .....	133.6	130.8	126.5	132.3	-	-	-	-	-	-
594	Miscellaneous shopping goods stores .....	594.0	628.5	680.8	737.5	-	603.8	537.5	585.1	641.2	-
596	Nonstore retailers .....	266.7	251.5	277.8	278.7	-	247.9	232.9	257.6	257.9	-
598	Fuel and ice dealers .....	104.9	104.5	102.3	105.0	-	87.7	87.2	84.6	87.3	-
599	Retail stores, nec. ....	269.5	254.7	261.3	270.5	-	225.5	211.5	217.2	226.4	-
	<b>FINANCE, INSURANCE, AND REAL</b>										
	ESTATE <sup>2</sup> .....	5,349	5,335	5,493	5,507	5,501	3,980	3,957	4,092	4,104	4,088
60	<b>BANKING</b> .....	1,350.2	1,650.7	1,662.7	1,668.5	-	1,232.5	1,231.7	1,236.0	1,240.5	-
602	Commercial and stock savings banks .....	1,500.6	1,500.5	1,508.3	1,513.1	-	1,114.0	1,112.8	1,113.9	1,117.7	-
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b>										
612	Savings and loan associations .....	389.4	596.0	627.7	632.0	-	444.3	447.4	477.8	482.2	-
614	Personal credit institutions .....	276.7	281.6	301.5	303.7	-	210.8	215.0	231.8	234.1	-
		194.2	194.0	197.9	199.1	-	147.2	144.6	151.4	152.5	-
62	<b>SECURITY, COMMODITY BROKERS, AND</b>										
	SERVICES .....	287.6	286.5	323.7	326.8	-	-	-	-	-	-
621	Security brokers and dealers .....	230.4	228.3	262.1	264.3	-	-	-	-	-	-
63	<b>INSURANCE CARRIERS</b> .....	1,232.7	1,227.8	1,232.4	1,233.5	-	839.1	834.0	834.5	836.7	-
631	Life insurance .....	543.8	540.8	536.6	536.9	-	334.8	330.7	325.4	326.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
	<b>INSURANCE CARRIERS—Continued</b>										
632	Medical service and health insurance	143.5	143.8	147.2	148.4	-	114.2	114.8	117.5	118.7	-
633	Fire, marine, and casualty insurance	473.5	471.2	467.1	466.9	-	334.2	331.9	326.9	327.2	-
64	<b>INSURANCE AGENTS, BROKERS, AND SERVICE</b>	470.5	477.0	482.2	484.1	-	-	-	-	-	-
65	<b>REAL ESTATE</b>	953.3	944.9	1,005.2	1,002.4	-	-	-	-	-	-
651	Real estate operators and lessors	482.0	475.3	492.5	505.0	-	-	-	-	-	-
653	Real estate agents and managers	343.6	346.1	364.8	361.3	-	-	-	-	-	-
655	Subdividers and developers	107.2	105.0	111.2	113.4	-	-	-	-	-	-
66	<b>COMBINED REAL ESTATE, INSURANCE, ETC.</b>	17.9	16.9	16.5	16.6	-	-	-	-	-	-
67	<b>HOLDING AND OTHER INVESTMENT OFFICES</b>	135.7	135.1	142.4	143.3	-	-	-	-	-	-
	<b>SERVICES</b>	19,149	18,947	20,016	20,041	19,841	16,987	16,751	17,725	17,749	17,523
70	<b>HOTELS AND OTHER LODGING PLACES</b>	1,043.4	1,026.7	1,095.3	1,081.5	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	1,013.6	999.0	1,065.0	1,052.0	-	930.4	908.4	964.3	953.2	-
72	<b>PERSONAL SERVICES</b>	935.2	949.6	936.2	943.1	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	346.9	344.4	350.5	351.6	-	308.5	305.9	311.6	312.5	-
723	Beauty shops	293.6	290.6	303.7	306.6	-	269.3	269.1	279.5	281.1	-
726	Funeral service and crematories	71.4	71.6	71.9	72.5	-	-	-	-	-	-
73	<b>BUSINESS SERVICES</b>	3,373.5	3,356.4	3,792.8	3,846.1	-	2,941.9	2,889.6	3,303.5	3,356.6	-
731	Advertising	163.4	165.0	165.7	166.3	-	124.6	122.8	128.5	125.7	-
732	Credit reporting and collection	76.1	75.9	80.5	80.6	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	137.5	136.3	154.3	152.0	-	-	-	-	-	-
734	Services to buildings	521.6	519.6	559.2	555.8	-	475.2	470.9	509.3	507.8	-
736	Personnel supply services	586.6	581.1	609.6	606.7	-	-	-	-	-	-
737	Computer and data processing services	376.4	379.8	416.9	424.0	-	308.9	312.4	346.6	354.1	-
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b>	579.8	570.0	595.6	598.7	-	488.8	480.2	504.7	505.8	-
753	Automotive repair shops	353.4	357.3	367.8	367.9	-	299.6	298.3	308.8	306.8	-
76	<b>MISCELLANEOUS REPAIR SERVICES</b>	274.7	269.3	275.8	276.5	-	231.5	222.0	229.7	230.8	-
78	<b>MOTION PICTURES</b>	211.6	198.5	203.9	201.9	-	181.5	171.0	175.6	174.4	-
781	Motion picture production and services	92.9	82.7	89.8	88.0	-	76.6	68.6	74.9	73.9	-
783	Motion picture theaters	103.0	105.3	103.7	103.7	-	-	-	-	-	-
79	<b>AMUSEMENT AND RECREATION SERVICES</b>	745.1	712.2	776.7	781.6	-	677.1	643.4	697.9	703.6	-
80	<b>HEALTH SERVICES</b>	5,365.2	5,874.7	5,988.7	5,986.6	-	5,249.3	5,263.8	5,363.5	5,361.7	-
801	Offices of physicians	339.7	839.3	867.8	868.8	-	687.9	705.3	729.5	731.0	-
802	Offices of dentists	333.1	396.2	418.9	420.7	-	347.9	349.7	370.7	372.7	-
805	Nursing and personal care facilities	1,077.7	1,079.3	1,109.2	1,111.8	-	975.2	976.0	1,002.2	1,004.2	-
806	Hospitals	3,023.0	3,027.1	3,015.4	3,003.7	-	2,775.0	2,777.9	2,763.2	2,751.5	-
81	<b>LEGAL SERVICES</b>	530.0	578.5	619.9	619.5	-	489.5	487.9	522.0	520.8	-
82	<b>EDUCATIONAL SERVICES</b>	1,270.1	1,201.8	1,308.7	1,290.7	-	-	-	-	-	-
821	Elementary and secondary schools	330.4	329.7	329.2	329.6	-	-	-	-	-	-
822	Colleges and universities	312.6	747.9	946.5	828.0	-	-	-	-	-	-
83	<b>SOCIAL SERVICES</b>	1,136.5	1,192.0	1,291.7	1,294.9	-	-	-	-	-	-
86	<b>MEMBERSHIP ORGANIZATIONS</b>	1,531.6	1,506.9	1,524.1	1,528.5	-	-	-	-	-	-
89	<b>MISCELLANEOUS SERVICES</b>	1,044.9	1,045.4	1,075.8	1,078.9	-	850.9	849.4	881.1	883.6	-
891	Engineering and architectural services	563.0	554.3	586.7	586.1	-	461.1	453.9	489.5	489.0	-
893	Accounting, auditing, and bookkeeping	354.9	364.3	363.8	367.3	-	283.5	292.9	288.4	292.0	-
	<b>GOVERNMENT **</b>	15,968	15,755	16,004	15,975	15,711	-	-	-	-	-
	<b>FEDERAL GOVERNMENT ***</b>	2,733	2,724	2,744	2,757	2,738	-	-	-	-	-
	Executive, by agency <sup>4</sup>	2,673.9	2,668.2	2,688.7	-	-	-	-	-	-	-
	Department of Defense	943.7	940.1	949.3	-	-	-	-	-	-	-
	Postal Service	569.0	660.4	667.0	-	-	-	-	-	-	-
	Other executive agencies	1,066.2	1,067.7	1,072.4	-	-	-	-	-	-	-
	Legislative	38.2	40.1	38.9	-	-	-	-	-	-	-
	Judicial	15.9	15.9	16.3	-	-	-	-	-	-	-

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

## B-2. Employees on nonagricultural payrolls by industry—Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
	<b>FEDERAL GOVERNMENT—Continued</b>										
	Federal Government, by industry										
—	Manufacturing activities	135.5	136.1	136.6	137.2	—	—	—	—	—	
3731	Shipbuilding and repairing	82.4	82.9	81.9	82.3	—	—	—	—	—	
—	Transportation and public utilities, except										
—	Postal Service	40.1	39.5	38.2	37.6	—	—	—	—	—	
—	Services	387.7	387.7	390.5	389.7	—	—	—	—	—	
806	Federal government hospitals	235.1	236.4	237.8	238.2	—	—	—	—	—	
—	<b>STATE AND LOCAL GOVERNMENT</b>	13,235	13,031	13,260	13,218	12,973	—	—	—	—	
—	State government	3,702.3	3,606.7	3,746.1	3,721.7	—	—	—	—	—	
806	State government hospitals	492.2	492.0	476.1	477.3	—	—	—	—	—	
82	State education	1,545.8	1,444.6	1,609.6	1,586.8	—	—	—	—	—	
—	General administration including executive, legislative, and judicial functions	1,363.9	1,065.3	1,063.3	1,062.5	—	—	—	—	—	
—	Local government	9,532.2	9,424.8	9,513.4	9,495.8	—	—	—	—	—	
—	Transportation and public utilities	532.7	532.6	537.6	537.6	—	—	—	—	—	
806	Local government hospitals	637.5	638.2	633.7	630.5	—	—	—	—	—	
82	Local education	5,307.4	5,210.8	5,275.3	5,264.7	—	—	—	—	—	
—	General administration including executive, legislative, and judicial functions	2,774.3	2,764.3	2,786.6	2,785.5	—	—	—	—	—	

<sup>1</sup> Data relate to production and related workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

<sup>2</sup> Beginning January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

<sup>3</sup> Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

<sup>4</sup> Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

— Data not available.  
p = preliminary.

NOTE: Data from April 1982 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustments" under the Establishment Data section of the Explanatory Notes.

\*\*Corrected data for October 1983

Industry	October 1983
Total:	91,722
Government:	15,857
Federal Government:	2,742
Executive, by agency:	2,686.4
Department of Defense:	945.5
Postal Service:	665.8
Other executive agencies:	1,075.1
Legislative:	39.3
Judicial:	16.3

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry**

[In thousands]

1972 SIC Code	Industry	Oct. 1982	Nov. 1982	Sept. 1983	Oct. 1983	Nov. 1983
	<b>TOTAL</b>	39,176	39,353	39,936	40,344	40,659
	<b>PRIVATE SECTOR</b>	31,562	31,623	32,523	32,635	32,823
	<b>MINING</b>	131	130	124	124	124
10	METAL MINING	5.2	5.6	5.5	5.7	5.5
11, 12	COAL MINING	11.5	11.5	11.1	11.1	11.2
13	<b>OIL AND GAS EXTRACTION</b>	104.6	103.8	98.3	98.0	98.2
131, 2	Crude petroleum, natural gas, and natural gas liquids	66.0	65.9	65.1	64.8	65.1
138	Oil and gas field services	38.6	37.9	33.2	33.2	33.1
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b>	9.3	9.0	9.2	9.3	9.2
142	Crushed and broken stone	2.7	2.7	2.9	3.0	2.9
144	Sand and gravel	3.1	3.0	3.3	3.3	3.2
	<b>CONSTRUCTION</b>	378	376	400	399	402
15	<b>GENERAL BUILDING CONTRACTORS</b>	120.1	119.6	133.2	133.2	133.6
152	Residential building construction	65.9	65.7	76.4	75.9	75.9
153	Operative builders	13.0	12.8	14.9	15.1	15.0
154	Nonresidential building construction	41.2	41.1	41.9	42.2	42.7
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b>	64.3	62.7	64.0	63.4	61.5
161	Highway and street construction	15.5	14.8	17.1	16.9	16.0
162	Heavy construction, except highway	48.8	47.9	46.9	46.5	45.5
17	<b>SPECIAL TRADE CONTRACTORS</b>	193.5	194.0	202.7	202.6	206.4
171	Plumbing, heating, air conditioning	51.6	51.9	53.6	53.9	54.5
172	Painting, paper hanging, decorating	11.2	11.3	11.9	11.6	11.8
173	Electrical work	38.5	38.8	39.2	39.7	40.4
174	Masonry, stonework, and plastering	20.9	21.4	22.4	22.4	22.8
175	Carpentering and flooring	12.8	12.5	14.7	14.7	15.4
176	Roofing and sheet metal work	12.9	13.0	13.2	13.4	13.5
	<b>MANUFACTURING</b>	5,965	5,892	6,202	6,229	6,238
24, 25, 32, 39	<b>DURABLE GOODS</b>	2,770	2,743	2,905	2,936	2,960
20-23, 26-31	<b>NONDURABLE GOODS</b>	3,195	3,149	3,297	3,293	3,278
	<b>DURABLE GOODS</b>					
24	<b>LUMBER AND WOOD PRODUCTS</b>	91.5	91.1	104.7	104.8	104.5
24	Logging camps and logging contractors	6.1	5.9	6.6	6.5	6.4
242	Sawmills and planing mills	17.1	17.1	19.3	19.3	19.2
2421	Sawmills and planing mills, general	11.9	11.8	13.5	13.3	13.2
243	Millwork, plywood, and structural members	36.0	36.1	43.6	43.3	43.6
244	Wood containers	6.2	5.9	6.0	5.8	5.9
245	Wood buildings and mobile homes	7.3	7.5	9.2	9.3	9.0
249	Miscellaneous wood products	18.9	18.6	20.0	20.6	20.4
25	<b>FURNITURE AND FIXTURES</b>	129.6	130.4	138.2	139.7	141.3
251	Household furniture	88.6	89.0	92.5	93.6	94.6
2511	Wood household furniture	38.2	38.3	39.4	39.5	39.6
2512	Upholstered household furniture	29.4	29.9	32.2	33.0	33.0
2515	Mattresses and bedspreads	7.3	7.4	8.5	8.1	7.9
252	Office furniture	13.3	13.5	15.1	15.2	15.4
253	Public building and related furniture	4.8	4.8	4.9	5.0	5.0
254	Partitions and fixtures	10.1	10.2	11.0	11.2	11.3
259	Miscellaneous furniture and fixtures	12.9	12.9	14.7	14.7	15.0
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	112.5	110.0	114.2	114.9	114.2
322	Glass and glassware, pressed or blown	35.2	33.9	34.7	34.8	33.6
3221	Glass containers	20.4	19.8	18.6	18.6	17.8
3229	Pressed and blown glass, nec	14.8	14.1	16.1	16.2	15.8
323	Products of purchased glass	11.8	11.6	12.9	13.2	13.3
324	Cement, hydraulic	1.5	1.6	1.5	1.5	1.5
325	Structural clay products	5.5	5.5	6.0	5.9	5.9
326	Pottery and related products	14.0	13.8	14.1	14.4	14.4
327	Concrete, gypsum, and plaster products	15.2	15.0	15.6	15.3	15.1
329	Misc. nonmetallic mineral products	26.4	25.8	26.4	26.8	27.4
33	<b>PRIMARY METAL INDUSTRIES</b>	96.7	93.7	100.0	100.8	102.0
331	Blast furnace and basic steel products	26.6	26.4	25.9	26.0	26.6
3312	Blast furnaces and steel mills	18.9	18.8	18.6	18.6	19.1
332	Iron and steel foundries	12.3	12.5	13.6	13.6	14.0



**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

(In thousands)

1972 SIC Code	Industry	Oct. 1982	Nov. 1982	Sept. 1983	Oct. 1983	Nov. 1983
<b>PRIMARY METAL INDUSTRIES—Continued</b>						
3321	Gray iron foundries	6.0	5.6	6.5	6.6	6.8
3322	Malleable iron foundries	.7	.8	.9	.9	.9
3325	Steel foundries, nec	3.2	3.2	3.4	3.3	3.4
333	Primary nonferrous metals	3.5	3.4	3.6	3.5	3.5
3334	Primary aluminum	1.5	1.4	1.5	1.5	1.5
335	Nonferrous rolling and drawing	33.9	32.1	35.8	36.1	36.0
3351	Copper rolling and drawing	3.1	3.0	3.3	3.3	3.3
3353	Aluminum sheet, plate, and foil	3.1	3.0	3.3	3.4	3.5
3357	Nonferrous wire drawing and insulating	20.0	18.8	21.0	21.2	21.2
336	Nonferrous foundries	14.6	14.3	16.0	16.4	16.6
3361	Aluminum foundries	7.3	7.6	8.4	8.7	8.8
34	<b>FABRICATED METAL PRODUCTS</b>	295.0	292.2	311.9	315.4	316.8
341	Metal cans and shipping containers	10.3	10.3	10.7	10.3	10.4
3411	Metal cans	8.6	8.6	9.0	8.6	8.7
342	Cutlery, hand tools, and hardware	46.0	45.7	49.2	49.5	49.7
3423, 5	Hand and edge tools, and hand saws and blades	12.2	13.0	13.3	13.5	13.5
3429	Hardware, nec	26.9	27.0	30.4	30.4	30.6
343	Plumbing and heating, except electric	15.1	15.3	16.1	16.4	16.4
344	Fabricated structural metal products	65.7	65.5	67.9	68.7	69.0
3441	Fabricated structural metal	6.7	6.7	6.7	6.2	6.3
3442	Metal doors, sash, and trim	20.4	20.5	23.6	23.9	23.8
3443	Fabricated plate work (boiler shops)	16.0	15.8	14.1	14.3	14.5
3444	Sheet metal work	14.2	14.2	15.2	15.4	15.4
345	Screw machine products, bolts, etc.	19.1	19.0	20.2	20.9	21.0
3451	Screw machine products	9.6	9.5	10.3	10.6	10.9
3452	Bolts, nuts, rivets, and washers	9.5	9.5	9.9	10.1	10.1
346	Metal forgings and stampings	45.3	44.0	49.2	50.0	50.3
3462	Iron and steel forgings	3.5	3.2	3.0	3.1	3.0
3465	Automotive stampings	11.2	10.1	13.5	13.9	14.2
3469	Metal stampings, nec	28.5	28.6	30.4	30.7	30.9
347	Metal services, nec	21.9	21.2	23.7	23.8	24.2
3471	Plating and polishing	16.5	16.0	17.4	17.4	17.8
3479	Metal coating and allied services	5.4	5.2	6.3	6.4	6.4
348	Ordnance and accessories, nec	18.5	18.6	19.2	19.5	19.5
349	Misc. fabricated metal products	53.1	52.6	55.7	56.3	56.3
3494	Valves and pipe fittings	19.4	19.2	19.2	19.4	19.4
3496	Misc. fabricated wire products	13.3	13.2	14.7	14.8	14.9
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	456.6	452.7	463.0	465.0	473.0
351	Engines and turbines	19.5	19.1	17.0	17.0	20.6
3511	Turbines and turbine generator sets	6.0	5.9	4.9	5.1	5.0
3519	Internal combustion engines, nec	13.5	13.2	12.1	11.9	15.6
352	Farm and garden machinery	21.5	20.8	21.7	21.7	21.9
3523	Farm machinery and equipment	16.9	16.1	16.1	15.8	15.9
353	Construction and related machinery	39.6	38.7	35.8	35.5	35.5
3531	Construction machinery	9.6	9.6	9.5	9.4	9.3
3533	Oil field machinery	14.6	14.0	11.8	11.9	11.8
354	Metalworking machinery	46.4	46.7	46.5	47.0	48.0
3541	Machine tools, metal cutting types	7.5	7.6	6.9	6.9	7.0
3544	Special dies, tools, jigs, and fixtures	13.9	13.9	14.6	14.9	15.3
3545	Machine tool accessories	10.6	10.7	10.2	10.4	10.5
355	Special industry machinery	25.6	25.7	25.2	25.3	25.4
3551	Food products machinery	5.0	4.8	4.7	4.7	4.7
3552	Textile machinery	3.9	4.0	3.8	3.8	3.9
3555	Printing trades machinery	6.7	6.7	6.6	6.7	6.7
356	General industrial machinery	52.5	51.4	51.9	52.1	52.4
3561	Pumps and pumping equipment	9.8	9.7	9.4	9.3	9.3
3562	Ball and roller bearings	11.0	10.8	11.4	11.5	11.7
357	Office and computing machines	177.3	177.1	185.4	186.1	188.0
3573	Electronic computing equipment	152.0	152.1	160.7	161.6	162.7
358	Refrigeration and service machinery	32.0	32.0	36.2	36.8	36.9
3585	Refrigeration and heating equipment	20.6	20.8	24.9	25.2	25.2
359	Misc. machinery, except electrical	42.2	41.2	43.3	43.5	44.4
3599	Machinery, except electrical, nec	34.3	33.8	34.1	34.5	35.0
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT</b>	832.3	826.7	887.2	900.0	908.7
361	Electric distributing equipment	42.1	41.8	43.8	43.9	44.6
3612	Transformers	17.9	17.6	17.5	17.3	17.9
3613	Switchgear and switchboard apparatus	24.3	24.2	26.3	26.6	26.7
362	Electrical industrial apparatus	70.7	69.7	72.2	73.3	74.0
3621	Motors and generators	36.5	36.4	39.3	39.9	40.5
3622	Industrial controls	24.2	23.6	22.6	23.1	23.3
363	Household appliances	42.3	49.0	54.7	55.8	54.9
3632	Household refrigerators and freezers	5.5	5.3	5.8	6.4	5.3
3633	Household laundry equipment	3.5	3.5	5.1	5.2	5.0
3634	Electric housewares and fans	25.6	25.4	25.9	26.2	26.2
364	Electric lighting and wiring equipment	81.0	79.9	84.5	85.6	86.1
3641	Electric lamps	17.5	17.4	16.2	16.3	16.3

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	Oct. 1982	Nov. 1982	Sept. 1983	Oct. 1983	Nov. 1983
<b>ELECTRIC AND ELECTRONIC EQUIPMENT—Continued</b>						
3643	Current-carrying wiring devices .....	35.2	35.2	38.0	38.4	39.6
365	Radio and TV receiving equipment .....	46.9	45.9	47.8	48.2	48.0
3651	Radio and TV receiving sets .....	34.6	34.1	35.6	35.7	35.1
366	Communication equipment .....	213.2	213.3	216.0	217.5	220.4
3661	Telephone and telegraph apparatus .....	68.5	68.1	66.4	67.2	68.0
3662	Radio and TV communication equipment .....	144.7	145.2	149.6	150.3	152.4
367	Electronic components and accessories .....	274.5	272.9	309.3	314.5	318.9
3671-3	Electronic tubes .....	15.7	15.9	16.9	16.9	16.8
3674	Semiconductors and related devices .....	102.6	102.5	114.7	115.8	117.5
3679	Electronic components, nec .....	113.6	112.7	129.4	132.9	135.4
369	Misc. electrical equipment and supplies .....	54.6	54.2	58.9	61.2	61.8
3694	Engine electrical equipment .....	23.5	23.1	25.7	26.9	27.2
37	<b>TRANSPORTATION EQUIPMENT</b> .....	282.1	278.5	309.7	314.6	316.3
371	Motor vehicles and equipment .....	97.8	94.1	121.7	125.4	126.2
3711	Motor vehicles and car bodies .....	35.9	33.7	47.7	49.3	49.2
3713	Truck and bus bodies .....	2.9	2.6	3.4	3.5	3.5
3714	Motor vehicle parts and accessories .....	55.6	54.4	65.0	66.9	67.7
372	Aircraft and parts .....	113.2	113.2	112.5	112.4	113.0
3721	Aircraft .....	62.3	62.4	62.0	61.9	62.2
3724	Aircraft engines and engine parts .....	25.0	24.8	24.5	24.4	24.3
3728	Aircraft equipment, nec .....	25.9	26.0	26.0	26.1	26.5
373	Ship and boat building and repairing .....	24.2	24.0	23.6	24.2	24.2
3731	Ship building and repairing .....	18.3	18.1	15.9	16.3	16.3
374	Railroad equipment .....	3.6	3.5	3.2	3.2	3.2
376	Guided missiles, space vehicles, parts .....	31.3	31.7	34.5	34.7	35.1
3761	Guided missiles and space vehicles .....	25.7	26.1	28.2	28.3	28.6
379	Miscellaneous transportation equipment .....	7.5	7.7	9.5	9.4	9.4
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	296.2	293.7	296.3	296.8	295.3
381	Engineering and scientific instruments .....	25.1	25.0	24.2	24.6	24.7
382	Measuring and controlling devices .....	100.4	99.1	101.8	103.0	104.0
3822	Environmental controls .....	20.1	20.0	22.8	23.2	23.2
3823	Process control instruments .....	18.9	18.5	17.6	17.7	17.9
3825	Instruments to measure electricity .....	45.6	45.1	45.1	45.4	45.8
383	Optical instruments and lenses .....	11.3	11.6	11.5	11.6	11.6
384	Medical instruments and supplies .....	86.0	85.6	89.0	88.2	89.3
3841	Surgical and medical instruments .....	42.2	42.0	44.4	43.4	44.0
3842	Surgical appliances and supplies .....	36.8	36.7	37.9	38.1	38.5
385	Ophthalmic goods .....	21.8	21.6	22.6	22.7	22.7
386	Photographic equipment and supplies .....	39.9	39.8	36.7	36.3	36.3
387	Watches, clocks, and watchcases .....	11.2	11.0	10.5	10.4	10.7
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	177.5	173.9	179.7	183.7	183.7
391	Jewelry, silverware, and plated ware .....	26.6	26.5	26.9	28.1	28.2
393	Musical instruments .....	8.6	8.7	9.3	9.3	9.2
394	Toys and sporting goods .....	57.0	53.9	58.4	59.4	58.7
3942, 4	Dolls, games, toys, and children's vehicles .....	32.2	29.6	33.8	34.2	33.4
3949	Sporting and athletic goods, nec .....	24.8	24.3	24.6	25.2	25.3
395	Pens, pencils, office and art supplies .....	15.9	15.6	16.0	16.1	16.4
396	Costume jewelry and notions .....	22.9	23.0	22.2	23.6	24.2
399	Miscellaneous manufactures .....	46.6	46.2	46.9	47.2	47.0
<b>NONDURABLE GOODS</b>						
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	533.2	509.9	553.4	530.6	516.2
201	Meat products .....	116.3	117.0	117.5	117.5	118.0
2011	Meat packing plants .....	26.8	26.8	26.8	26.7	26.7
2013	Sausages and other prepared meats .....	21.4	21.8	21.5	21.3	21.5
2016	Poultry dressing plants .....	60.4	60.7	61.1	61.2	61.6
202	Dairy products .....	35.5	35.5	36.2	35.8	35.8
2026	Fluid milk .....	15.6	15.5	15.1	15.2	15.0
203	Preserved fruits and vegetables .....	125.9	106.1	139.5	113.8	100.6
2032	Canned specialties .....	9.2	8.4	10.1	9.5	8.8
2033	Canned fruits and vegetables .....	49.9	34.9	63.7	38.8	29.7
2037	Frozen fruits and vegetables .....	27.1	24.4	27.3	26.2	24.9
204	Grain mill products .....	28.6	28.9	29.5	29.2	29.0
205	Bakery products .....	59.6	59.7	59.9	59.4	60.0
2051	Bread, cake, and related products .....	38.9	39.3	39.0	38.8	39.2
2052	Cookies and crackers .....	20.7	20.4	20.9	20.6	20.8
206	Sugar and confectionery products .....	48.6	48.2	47.0	52.2	52.7
207	Fats and oils .....	5.4	5.5	5.0	5.1	5.0
208	Beverages .....	42.8	42.7	44.1	43.6	43.0
2082	Malt beverages .....	8.1	8.0	9.4	9.1	9.0
2086	Bottled and canned soft drinks .....	19.7	18.7	19.0	18.8	18.6
209	Misc. foods and kindred products .....	70.5	66.3	74.7	74.0	72.1
21	<b>TOBACCO MANUFACTURES</b> .....	25.8	23.6	24.8	24.9	22.6
211	Cigarettes .....	14.0	14.1	13.2	13.1	13.0

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	Oct. 1982	Nov. 1982	Sept. 1983	Oct. 1983	Nov. 1983
22	<b>TEXTILE MILL PRODUCTS</b>	353.7	350.2	362.6	365.0	363.4
221	Weaving mills, cotton	54.0	53.3	54.1	54.1	54.4
222	Weaving mills, synthetics	38.3	37.7	37.9	37.9	37.5
223	Weaving and finishing mills, wool	6.4	6.3	7.1	7.0	7.0
224	Narrow fabric mills	12.8	12.7	12.7	12.9	13.1
225	Knitting mills	133.2	132.4	135.5	137.1	137.3
2251	Women's hosiery, except socks	24.7	24.7	27.3	27.7	27.9
2252	Hosiery, nec	22.3	22.3	23.7	23.5	23.5
2253	Knit outerwear mills	48.0	47.3	43.8	44.4	44.2
2254	Knit underwear mills	21.5	21.9	22.9	23.4	23.6
2257	Circular knit fabric mills	9.8	9.7	10.2	10.5	10.4
226	Textile finishing, except wool	19.6	19.2	20.0	20.3	20.1
2261	Finishing plants, cotton	9.2	9.0	8.9	9.0	9.0
2262	Finishing plants, synthetic	4.8	4.8	5.0	5.1	5.0
227	Floor covering mills	19.7	19.6	21.8	22.1	20.7
228	Yarn and thread mills	53.4	53.0	56.4	56.3	56.1
2281	Yarn mills, except wool	35.0	34.6	36.6	36.7	36.4
2282	Throwing and winding mills	9.7	9.5	10.6	10.5	10.5
229	Miscellaneous textile goods	15.3	16.0	17.1	17.3	17.2
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	938.7	926.9	966.1	977.3	977.0
231	Men's and boys' suits and coats	56.6	56.0	54.2	54.5	54.7
232	Men's and boys' furnishings	270.9	270.2	284.2	286.8	286.2
2321	Men's and boys' shirts and nightwear	79.4	79.1	82.5	83.1	82.7
2327	Men's and boys' separate trousers	53.6	54.2	55.9	56.3	56.6
2328	Men's and boys' work clothing	77.3	76.3	82.7	84.2	83.4
233	Women's and misses' outerwear	330.7	323.1	330.6	334.5	333.8
2331	Women's and misses' blouses and waists	56.7	56.5	55.8	55.9	55.3
2335	Women's and misses' dresses	110.5	106.1	108.6	111.1	109.5
2337	Women's and misses' suits and coats	48.6	45.9	49.9	49.0	49.8
2339	Women's and misses' outerwear, nec	114.9	114.6	116.3	118.5	120.2
234	Women's and children's undergarments	72.0	71.1	75.0	76.0	76.2
2341	Women's and children's underwear	60.4	59.4	62.9	63.8	63.8
2342	Brassieres and allied garments	11.6	11.7	12.1	12.2	12.4
236	Children's outerwear	52.9	51.9	54.2	54.9	55.2
2361	Children's dresses and blouses	23.7	23.5	23.7	23.6	23.6
238	Misc. apparel and accessories	37.6	37.6	36.9	37.0	36.9
239	Misc. fabricated textile products	104.9	104.1	116.4	118.9	119.4
2391	Curtains and draperies	17.9	17.9	17.9	20.1	20.1
2392	House furnishings, nec	32.5	32.6	35.3	36.2	36.6
2396	Automotive and apparel trimmings	15.1	14.2	18.9	19.5	19.3
26	<b>PAPER AND ALLIED PRODUCTS</b>	150.9	149.7	156.0	155.9	155.3
261, 26	Paper and pulp mills	26.4	26.3	27.1	27.0	27.0
262	Paper mills, except building paper	23.8	23.8	24.5	24.4	24.3
263	Paperboard mills	5.2	5.3	5.4	5.3	5.4
264	Misc. converted paper products	74.4	74.2	77.5	77.6	76.7
265	Paperboard containers and boxes	44.9	43.9	46.0	46.0	46.2
27	<b>PRINTING AND PUBLISHING</b>	512.1	512.3	525.8	529.9	533.2
271	Newspapers	161.6	162.9	168.0	169.1	170.4
272	Periodicals	58.2	58.4	59.4	59.8	59.9
273	Books	51.4	52.0	49.3	49.8	50.6
274	Miscellaneous publishing	28.7	28.3	29.6	29.2	29.9
275	Commercial printing	136.8	136.1	141.6	143.3	143.8
2751	Commercial printing, letterpress	52.4	51.6	53.5	54.1	53.8
2752	Commercial printing, lithographic	78.4	78.5	81.8	82.9	83.6
276	Manifold business forms	15.3	15.2	16.0	15.9	16.1
278	Blankbooks and bookbinding	32.1	31.5	33.1	33.5	33.0
279	Printing trade services	13.6	13.7	14.6	14.9	15.0
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	276.4	275.7	280.9	290.1	279.3
281	Industrial inorganic chemicals	24.8	24.6	25.1	25.3	25.4
2819	Industrial inorganic chemicals, nec	16.6	16.5	17.1	17.4	17.5
282	Plastics materials and synthetics	38.4	38.1	37.6	37.3	37.5
2821	Plastics materials and resins	19.9	19.8	18.8	18.7	18.7
2824	Organic fibers, noncellulosic	85.9	86.1	86.9	86.9	85.6
283	Drugs	71.5	71.7	72.4	72.5	72.1
2834	Pharmaceutical preparations	58.9	59.5	64.6	63.4	62.9
284	Soap, cleaners, and toilet goods	9.9	9.9	10.3	10.1	10.1
2841	Soap and other detergents	36.4	37.2	41.1	39.9	39.5
2844	Toilet preparations	11.6	11.5	11.9	12.0	11.9
285	Paints and allied products	27.1	26.7	25.6	25.6	25.7
286	Industrial organic chemicals					
2861,9	Gum, wood, and industrial organic chemicals, nec	22.9	22.5	21.3	21.2	21.3
287	Agricultural chemicals	9.4	9.2	8.7	8.9	8.8
289	Miscellaneous chemical products	20.3	20.0	20.5	20.7	20.5

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

(In thousands)

1972 SIC Code	Industry	Oct. 1982	Nov. 1982	Sept. 1983	Oct. 1983	Nov. 1983
29	<b>PETROLEUM AND COAL PRODUCTS</b>	31.0	31.0	30.3	30.3	30.4
291	Petroleum refining	25.8	26.1	25.3	25.3	25.4
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b>	241.4	237.9	264.9	267.1	269.5
301	Tires and inner tubes	9.2	9.0	8.7	8.7	8.8
302	Rubber and plastics footwear	11.8	12.0	11.0	10.4	10.7
303,4	Reclaimed rubber, and rubber and plastics hose and belting	5.6	5.3	5.7	5.8	5.9
306	Fabricated rubber products, nec	33.4	33.0	36.1	36.4	36.8
307	Miscellaneous plastics products	181.4	178.6	203.4	205.8	209.3
31	<b>LEATHER AND LEATHER PRODUCTS</b>	131.8	131.3	131.7	131.8	132.4
311	Leather tanning and finishing	2.6	2.7	2.8	2.7	2.7
314	Footwear, except rubber	90.2	90.2	88.3	87.9	88.5
3143	Men's footwear, except athletic	33.5	33.4	32.9	32.4	32.5
3144	Women's footwear, except athletic	36.7	37.3	35.7	35.8	36.4
316	Luggage	7.1	7.0	7.7	7.7	7.6
317	Handbags and personal leather goods	18.6	18.2	19.8	20.1	20.0
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	1,343	1,342	1,354	1,355	1,354
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b>	78.4	78.2	75.6	78.7	76.5
411	Local and suburban transportation	16.4	16.6	18.1	18.4	18.2
412	Taxicabs	6.1	6.1	5.6	5.6	5.7
413	Intercity highway transportation	4.8	4.7	4.5	3.8	2.1
415	School buses	47.4	47.1	43.2	46.5	46.1
42	<b>TRUCKING AND WAREHOUSING</b>	156.6	157.2	157.8	161.8	162.0
421,3	Trucking and trucking terminals	136.4	137.5	140.3	141.5	142.8
422	Public warehousing	20.2	19.7	17.5	20.3	19.2
44	<b>WATER TRANSPORTATION</b>	25.3	24.8	25.6	25.5	25.1
45	<b>TRANSPORTATION BY AIR</b>	147.6	146.8	154.1	149.7	148.1
451,2	Air transportation	136.2	137.4	143.7	139.1	137.5
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b>	3.0	2.9	2.7	2.7	2.7
47	<b>TRANSPORTATION SERVICES</b>	110.9	111.4	121.0	121.2	121.8
48	<b>COMMUNICATION</b>	627.1	625.8	618.1	617.2	619.6
481	Telephone communication	514.1	510.9	490.2	488.4	489.3
483	Radio and television broadcasting	74.4	75.6	78.6	79.0	79.0
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	172.3	172.9	178.2	177.7	178.2
491	Electric services	83.6	84.3	88.1	87.8	88.3
492	Gas production and distribution	39.2	39.1	38.5	38.6	38.3
493	Combination utility services	37.5	37.5	38.9	38.7	38.8
495	Sanitary services	6.4	6.5	7.1	7.0	7.1
	<b>WHOLESALE AND RETAIL TRADE</b>	9,101	9,227	9,282	9,303	9,471
50,51	<b>WHOLESALE TRADE</b>	1,403	1,396	1,416	1,431	1,436
50	<b>WHOLESALE TRADE-DURABLE GOODS</b>	756	755	771	779	784
501	Motor vehicles and automotive equipment	86.9	86.9	88.9	89.3	90.0
502	Furniture and home furnishings	44.2	45.1	46.3	46.7	47.7
503	Lumber and construction materials	36.5	36.8	38.9	39.7	40.0
504	Sporting goods, toys, and hobby goods	24.3	24.2	26.5	26.2	26.3
505	Metals and minerals, except petroleum	26.2	25.8	24.5	24.6	24.7
506	Electrical goods	125.9	126.3	131.3	133.4	134.6
507	Hardware, plumbing, and heating equipment	63.7	64.0	64.7	65.1	65.0
508	Machinery, equipment, and supplies	303.6	302.6	307.1	309.7	311.7
509	Miscellaneous durable goods	42.8	43.1	43.9	43.8	43.8
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b>	647	641	645	652	652
511	Paper and paper products	52.1	52.5	53.3	54.1	54.7
512	Drugs, proprietaries, and sundries	69.7	69.7	67.9	68.3	69.3
513	Apparel, piece goods, and notions	87.0	87.0	85.1	86.2	86.9
514	Groceries and related products	155.8	154.2	162.2	162.3	160.0
516	Chemicals and allied products	37.6	37.3	39.1	40.0	40.2
517	Petroleum and petroleum products	53.1	53.2	52.2	51.9	52.2
518	Beer, wine, and distilled beverages	21.9	21.9	22.1	22.2	22.4
519	Miscellaneous nondurable goods	122.9	119.9	121.9	122.5	121.9

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

[In thousands]

1972 SIC Code	Industry	Oct. 1982	Nov. 1982	Sept. 1983	Oct. 1983	Nov. 1983
52-59	<b>RETAIL TRADE</b> .....	7,693	7,831	7,866	7,872	8,035
52	<b>BUILDING MATERIALS AND GARDEN SUPPLIES</b> .....	157.8	159.6	163.5	165.3	167.2
521	Lumber and other building materials .....	61.5	62.6	67.8	68.4	68.8
525	Hardware stores .....	56.2	56.3	56.7	57.9	59.2
53	<b>GENERAL MERCHANDISE STORES</b> .....	1,488.0	1,561.5	1,488.8	1,525.6	1,625.1
531	Department stores .....	1,238.4	1,305.2	1,254.0	1,285.5	1,378.4
533	Variety stores .....	172.9	178.4	160.6	164.1	168.0
539	Misc. general merchandise stores .....	76.7	77.9	74.2	76.0	78.7
54	<b>FOOD STORES</b> .....	1,034.7	1,109.5	1,121.9	1,129.6	1,144.2
541	Grocery stores .....	917.4	922.5	941.6	945.4	954.4
542	Meat markets and freezer provisioners .....	17.9	18.3	17.9	18.4	18.1
546	Retail bakeries .....	83.5	95.0	89.0	89.5	90.1
55	<b>AUTOMOTIVE DEALERS AND SERVICE STATIONS</b> .....	313.2	313.9	323.6	324.4	325.6
551.2	New and used car dealers .....	138.1	138.6	113.6	114.0	114.9
553	Auto and home supply stores .....	48.6	49.0	48.5	49.5	49.6
554	Gasoline service stations .....	142.5	142.3	145.4	145.2	145.4
56	<b>APPAREL AND ACCESSORY STORES</b> .....	657.3	677.7	658.6	667.1	692.6
561	Men's and boys' clothing and furnishings .....	53.0	54.7	51.5	52.2	54.3
562	Women's ready-to-wear stores .....	305.4	314.2	312.7	317.2	326.1
565	Family clothing stores .....	130.6	137.0	127.3	128.7	136.4
566	Shoe stores .....	84.5	85.8	85.1	85.0	87.4
57	<b>FURNITURE AND HOME FURNISHING STORES</b> .....	202.6	235.5	214.3	219.1	225.6
571	Furniture and home furnishings stores .....	128.5	130.9	133.0	135.5	138.2
572	Household appliance stores .....	22.6	22.2	26.2	27.7	27.3
573	Radio, television, and music stores .....	51.5	52.4	55.1	55.9	60.1
58	<b>EATING AND DRINKING PLACES</b> .....	2,713.1	2,700.5	2,808.1	2,734.2	2,710.5
59	<b>MISCELLANEOUS RETAIL</b> .....	1,071.5	1,133.0	1,087.1	1,106.3	1,144.1
591	Drug stores and proprietary stores .....	310.2	313.7	312.4	313.4	320.1
592	Liquor stores .....	37.8	36.2	35.8	36.9	37.2
594	Miscellaneous shopping goods stores .....	386.8	408.0	399.5	405.9	429.0
596	Nonstore retailers .....	160.3	165.6	161.8	169.0	175.4
598	Fuel and ice dealers .....	24.0	24.5	22.9	23.4	23.9
599	Retail stores, nec .....	130.4	132.9	131.5	133.9	135.4
-	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,193	3,200	3,297	3,295	3,305
60	<b>BANKING</b> .....	1,170.4	1,171.6	1,180.9	1,179.1	1,180.2
602	Commercial and stock savings banks .....	1,073.3	1,074.9	1,081.0	1,078.4	1,079.2
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	405.3	439.6	436.4	438.3	441.1
612	Savings and loan associations .....	205.0	207.7	228.3	229.6	231.0
614	Personal credit institutions .....	128.2	128.8	125.7	126.2	127.4
62	<b>SECURITY, COMMODITY BROKERS, AND SERVICES</b> .....	120.7	122.3	139.4	140.3	141.1
621	Security brokers and dealers .....	37.9	39.6	113.3	114.0	114.5
63	<b>INSURANCE CARRIERS</b> .....	745.3	744.6	743.0	743.8	745.6
631	Life insurance .....	301.3	300.9	295.6	296.7	297.0
632	Medical service and health insurance .....	102.4	102.4	105.1	105.4	105.7
633	Fire, marine, and casualty insurance .....	294.0	293.2	287.8	286.3	287.3
64	<b>INSURANCE AGENTS, BROKERS, AND SERVICE</b> .....	300.6	300.9	306.1	305.9	307.6
65	<b>REAL ESTATE</b> .....	368.7	367.8	407.4	403.9	404.0
651	Real estate operators and lessors .....	158.0	157.4	180.4	179.9	178.9
653	Real estate agents and managers .....	164.6	164.4	176.0	173.9	173.9
655	Subdividers and developers .....	32.9	32.9	34.2	33.6	34.2
66	<b>COMBINED REAL ESTATE, INSURANCE, ETC</b> .....	10.7	10.7	10.3	10.3	10.3
67	<b>HOLDING AND OTHER INVESTMENT OFFICES</b> .....	72.0	72.4	73.0	73.3	74.7
-	<b>SERVICES</b> .....	11,451	11,456	11,864	11,930	11,929
70	<b>HOTELS AND OTHER LODGING PLACES</b> .....	599.9	575.9	634.4	613.4	594.3
701	Hotels, motels, and tourist courts .....	592.8	579.8	611.7	595.8	578.0

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls by industry—Continued**

(In thousands)

1972 SIC Code	Industry	Oct. 1982	Nov. 1982	Sept. 1983	Oct. 1983	Nov. 1983
72	<b>PERSONAL SERVICES</b> .....	649.2	652.9	638.6	649.4	653.7
721	Laundry, cleaning, and garment services .....	220.4	220.1	217.7	219.5	220.6
723	Beauty shops .....	256.7	260.8	268.6	270.2	270.8
726	Funeral service and crematories .....	20.3	20.0	21.2	21.4	21.3
73	<b>BUSINESS SERVICES</b> .....	1,470.4	1,482.3	1,660.8	1,691.0	1,697.8
731	Advertising .....	80.6	80.6	84.7	85.1	87.2
732	Credit reporting and collection .....	53.0	53.3	57.1	57.1	57.6
733	Mailing, reproduction, stenographic .....	57.0	68.4	72.7	74.9	76.0
734	Services to buildings .....	199.8	200.8	210.4	212.8	212.2
736	Personnel supply services .....	362.6	365.7	484.8	498.3	494.1
737	Computer and data processing services .....	175.0	178.6	187.0	192.0	194.5
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	100.7	100.9	104.5	103.6	102.5
753	Automotive repair shops .....	50.3	50.0	51.6	50.7	49.5
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	55.4	56.1	54.8	55.0	54.6
78	<b>MOTION PICTURES</b> .....	80.1	78.9	84.3	80.4	78.9
781	Motion picture production and services .....	27.3	27.9	29.8	29.8	29.2
783	Motion picture theaters .....	46.7	44.9	48.6	44.7	43.7
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	308.2	295.6	363.2	323.6	305.8
80	<b>HEALTH SERVICES</b> .....	4,765.1	4,773.7	4,890.6	4,894.1	4,897.6
801	Offices of physicians .....	652.2	653.9	690.4	689.7	692.4
802	Offices of dentists .....	331.9	333.8	352.8	356.4	359.5
805	Nursing and personal care facilities .....	953.3	955.3	979.8	979.6	981.6
806	Hospitals .....	2,449.7	2,449.8	2,441.2	2,438.1	2,431.5
81	<b>LEGAL SERVICES</b> .....	403.4	406.4	431.1	435.3	439.7
82	<b>EDUCATIONAL SERVICES</b> .....	635.8	702.9	626.4	686.3	695.9
821	Elementary and secondary schools .....	216.6	218.8	204.4	213.5	216.3
822	Colleges and universities .....	409.3	413.9	351.6	400.6	406.6
83	<b>SOCIAL SERVICES</b> .....	886.2	891.6	936.4	948.5	957.2
89	<b>MISCELLANEOUS SERVICES</b> .....	355.2	357.7	368.8	371.2	373.4
891	Engineering and architectural services .....	127.8	127.9	131.1	131.2	131.8
893	Accounting, auditing, and bookkeeping .....	173.1	174.8	180.0	181.9	183.5
	<b>GOVERNMENT</b> .....	7,614	7,730	7,413	7,709	7,836
	<b>FEDERAL GOVERNMENT</b> .....	875	884	951	950	952
	<b>STATE AND LOCAL GOVERNMENT</b> .....	6,739	6,846	6,462	6,759	6,884
	State government .....	1,658.6	1,673.0	1,546.2	1,634.8	1,660.2
	Hospitals .....	306.0	305.7	296.8	297.7	299.7
	State education .....	715.8	731.1	634.7	720.0	737.7
	General administration including executive, legislative, and judicial functions .....	428.3	427.0	403.3	404.9	410.7
	Local government .....	5,080.4	5,172.6	4,915.7	5,123.7	5,223.4
	Transportation and public utilities .....	88.0	86.5	93.1	92.8	93.1
	Hospitals .....	519.1	518.3	518.1	513.1	516.7
	Local education .....	3,344.1	3,419.7	3,147.9	3,381.7	3,469.3
	General administration including executive, legislative, and judicial functions .....	959.7	972.7	966.5	948.2	960.6

c = corrected.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT**

**B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted**

[In thousands]

Industry division and group	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. p	Jan. p
<b>TOTAL</b> .....	88,885	88,746	88,614	89,090	89,421	89,844	90,152	89,748	90,551	91,054	91,355	91,583	91,870
<b>GOODS-PRODUCING</b> .....	23,186	23,049	23,030	23,159	23,347	23,518	23,724	23,830	23,935	24,158	24,311	24,412	24,612
<b>MINING</b> .....	1,037	1,014	1,006	997	594	1,003	1,017	1,023	1,025	1,044	1,045	1,045	1,043
<b>CONSTRUCTION</b> .....	3,505	3,790	3,757	3,786	3,860	3,933	3,974	4,014	4,036	4,060	4,094	4,091	4,194
<b>MANUFACTURING</b> .....	16,244	16,245	16,267	16,376	16,493	16,582	16,733	16,793	16,971	19,064	19,172	19,275	19,375
<b>DURABLE GOODS</b> .....	10,594	10,638	10,617	10,689	10,788	10,844	10,961	11,022	11,081	11,235	11,320	11,405	11,463
Lumber and wood products .....	625	631	638	651	662	679	688	699	703	712	714	716	718
Furniture and fixtures .....	430	427	433	440	446	450	459	457	459	465	470	473	476
Stone, clay, and glass products .....	557	557	552	565	570	573	577	582	585	590	590	589	593
Primary metal industries .....	817	810	816	820	828	830	839	840	849	867	871	880	872
Fabricated metal products .....	1,364	1,364	1,362	1,369	1,379	1,384	1,391	1,410	1,411	1,430	1,438	1,449	1,457
Machinery, except electrical .....	2,048	2,042	2,030	2,031	2,064	2,066	2,094	2,109	2,115	2,131	2,158	2,176	2,195
Electric and electronic equipment .....	1,974	1,981	1,988	1,999	2,010	2,030	2,047	2,043	2,082	2,107	2,128	2,146	2,165
Transportation equipment .....	1,710	1,729	1,723	1,743	1,757	1,762	1,794	1,807	1,801	1,848	1,862	1,882	1,895
Instruments and related products .....	695	693	691	690	689	687	687	692	696	699	701	702	705
Miscellaneous manufacturing ind. ....	374	374	377	381	383	383	385	383	380	386	388	392	387
<b>NONDURABLE GOODS</b> .....	7,650	7,637	7,650	7,687	7,705	7,738	7,772	7,771	7,790	7,829	7,852	7,870	7,912
Food and kindred products .....	1,626	1,620	1,619	1,633	1,632	1,643	1,638	1,627	1,530	1,626	1,533	1,628	1,640
Tobacco manufactures .....	69	67	67	66	66	65	65	62	63	64	61	62	61
Textile mill products .....	726	726	730	733	736	745	746	752	753	759	758	760	765
Apparel and other textile products .....	1,150	1,148	1,143	1,149	1,153	1,159	1,180	1,175	1,177	1,191	1,199	1,206	1,212
Paper and allied products .....	653	652	652	654	656	657	658	659	662	665	666	670	671
Printing and publishing .....	1,266	1,264	1,269	1,274	1,276	1,281	1,284	1,289	1,290	1,297	1,301	1,303	1,310
Chemicals and allied products .....	1,057	1,056	1,056	1,058	1,059	1,056	1,059	1,056	1,060	1,061	1,061	1,063	1,067
Petroleum and coal products .....	200	199	199	199	198	198	197	195	195	193	193	192	192
Rubber and misc. plastic products .....	688	691	699	707	716	721	732	739	742	753	762	769	777
Leather and leather products .....	215	214	216	214	214	213	213	217	218	218	218	217	217
<b>SERVICE-PRODUCING</b> .....	65,699	65,697	65,784	65,931	66,074	66,326	66,428	65,918	66,916	66,916	67,044	67,171	67,258
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,979	4,966	4,963	4,988	4,993	4,992	4,984	4,341	5,031	5,019	5,019	5,005	5,031
<b>WHOLESALE AND RETAIL TRADE</b> .....	20,355	20,343	20,350	20,325	20,356	20,494	20,529	20,580	20,612	20,666	20,718	20,773	20,837
<b>WHOLESALE TRADE</b> .....	5,185	5,181	5,176	5,180	5,197	5,222	5,229	5,249	5,274	5,287	5,291	5,312	5,340
<b>RETAIL TRADE</b> .....	15,170	15,162	15,174	15,149	15,159	15,272	15,300	15,331	15,338	15,379	15,427	15,461	15,497
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	5,374	5,384	5,391	5,423	5,435	5,451	5,465	5,488	5,499	5,503	5,515	5,524	5,540
<b>SERVICES</b> .....	19,238	19,262	19,356	19,478	19,546	19,668	19,770	19,835	19,913	19,956	20,016	20,101	20,143
<b>GOVERNMENT</b> .....	15,753	15,742	15,724	15,713	15,744	15,721	15,680	15,674	15,861	15,772	15,776	15,768	15,707
<b>FEDERAL</b> .....	2,748	2,742	2,742	2,728	2,756	2,742	2,738	2,746	2,778	2,761	2,763	2,771	2,760
<b>STATE AND LOCAL</b> .....	13,005	13,000	12,982	12,975	12,988	12,979	12,942	12,928	13,083	13,011	13,013	12,997	12,947

<sup>1</sup> October 1983 estimates for total nonfarm payroll, service-producing, total government, and Federal Government employment have been corrected.

p = preliminary.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted**

[In thousands]

Industry division and group	1982		1983										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<b>TOTAL</b> <sup>1</sup> .....	38,684	38,847	38,955	38,977	39,048	39,176	39,306	39,458	39,736	39,556	39,958	40,063	40,182
<b>GOODS-PRODUCING</b> .....	6,353	6,336	6,376	6,376	6,390	6,433	6,466	6,505	6,5F1	6,569	6,606	6,664	6,715
<b>MINING</b> .....	130	129	129	128	127	126	123	122	123	124	124	125	124
<b>CONSTRUCTION</b> .....	375	377	379	379	380	380	382	384	389	391	396	396	401
<b>MANUFACTURING</b> .....	5,848	5,830	5,868	5,869	5,883	5,927	5,961	5,999	6,049	6,054	6,086	6,143	6,190
<b>DURABLE GOODS</b> .....	2,729	2,717	2,732	2,738	2,748	2,769	2,792	2,808	2,842	2,851	2,876	2,913	2,943
Lumber and wood products .....	91	92	93	94	95	96	97	100	101	101	102	103	104
Furnitures and fixtures .....	129	128	130	129	131	133	134	135	138	137	137	138	139
Stone, clay, and glass products .....	109	108	108	107	108	110	111	110	111	111	112	113	114
Primary metal industries .....	34	34	35	36	36	36	36	37	37	37	37	38	39
Fabricated metal products .....	290	291	293	295	296	298	301	303	304	308	308	312	315
Machinery, except electrical .....	453	450	447	445	443	445	451	452	459	464	463	466	473
Electric and electronic equipment .....	826	814	822	826	831	837	844	851	863	861	891	896	906
Transportation equipment .....	275	280	283	286	287	291	295	296	301	303	306	311	313
Instruments and related products .....	294	292	292	291	291	290	289	289	291	294	296	297	299
Miscellaneous manufacturing ind. ....	168	168	169	169	170	173	174	175	177	175	172	176	178
<b>NONDURABLE GOODS</b> .....	3,119	3,113	3,136	3,131	3,135	3,158	3,169	3,191	3,207	3,203	3,210	3,230	3,247
Food and kindred products .....	497	495	499	498	497	505	505	513	507	498	498	496	503
Tobacco manufactures .....	22	24	24	23	23	23	23	23	22	21	22	22	21
Textile mill products .....	347	346	346	345	349	349	350	355	355	357	358	361	360
Apparel and other textile products .....	921	917	932	928	924	929	933	937	954	950	952	964	970
Paper and allied products .....	150	150	150	149	150	151	151	152	153	153	154	155	155
Printing and publishing .....	511	512	513	513	515	518	520	523	524	526	527	530	532
Chemicals and allied products .....	276	275	274	275	275	276	276	277	278	278	280	280	280
Petroleum and coal products .....	31	31	31	31	31	31	30	30	30	30	30	30	30
Rubber and misc. plastics products .....	235	236	238	241	244	249	253	254	257	262	260	263	266
Leather and leather products .....	129	127	129	128	128	127	128	127	127	128	129	129	130
<b>SERVICE-PRODUCING</b> <sup>1</sup> .....	32,531	32,511	32,579	32,601	32,658	32,743	32,840	32,953	33,175	32,987	33,352	33,399	33,467
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	1,330	1,331	1,328	1,328	1,329	1,332	1,329	1,333	1,326	1,021	1,346	1,343	1,342
<b>WHOLESALE AND RETAIL TRADE</b> .....	9,033	8,997	9,063	9,068	9,088	9,094	9,099	9,167	9,208	9,225	9,216	9,247	9,274
<b>WHOLESALE TRADE</b> .....	1,380	1,378	1,374	1,375	1,372	1,377	1,381	1,396	1,401	1,408	1,412	1,414	1,420
<b>RETAIL TRADE</b> .....	7,653	7,619	7,689	7,693	7,716	7,717	7,718	7,771	7,807	7,817	7,804	7,833	7,854
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,207	3,212	3,218	3,220	3,227	3,251	3,255	3,263	3,277	3,297	3,304	3,305	3,312
<b>SERVICES</b> .....	11,431	11,456	11,474	11,500	11,536	11,603	11,654	11,708	11,759	11,802	11,852	11,882	11,905
<b>GOVERNMENT</b> <sup>1</sup> .....	7,530	7,515	7,496	7,485	7,479	7,463	7,503	7,482	7,605	7,652	7,634	7,622	7,634
<b>FEDERAL</b> <sup>1</sup> .....	894	894	892	891	902	910	928	935	947	951	965	963	9F3
<b>STATE AND LOCAL</b> .....	6,636	6,621	6,604	6,594	6,577	6,553	6,575	6,547	6,658	6,701	6,669	6,659	6,671

<sup>1</sup> October 1983 estimates for total nonfarm payroll, service-producing, total government, and Federal Government employment have been corrected.



**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-6. Production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted**

(In thousands)

Industry division and group	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>p</sup>	Jan. <sup>p</sup>
<b>TOTAL PRIVATE</b> .....	58,939	58,801	58,889	59,150	59,462	59,871	60,182	59,751	60,607	60,886	61,118	61,306	61,558
<b>GOODS-PRODUCING</b> .....	16,019	15,900	15,891	16,016	16,183	16,349	16,538	16,626	16,705	16,926	17,060	17,137	17,327
<b>MINING</b> .....	736	715	707	701	699	710	721	724	728	741	742	743	745
<b>CONSTRUCTION</b> .....	2,992	2,882	2,881	2,880	2,953	3,024	3,061	3,099	3,116	3,142	3,171	3,167	3,254
<b>MANUFACTURING</b> .....	12,291	12,303	12,323	12,435	12,531	12,615	12,756	12,803	12,859	13,043	13,147	13,227	13,328
<b>DURABLE GOODS</b> .....	6,931	6,949	6,961	7,035	7,115	7,169	7,278	7,329	7,378	7,522	7,601	7,667	7,726
Lumber and wood products .....	515	522	529	540	550	566	575	584	588	597	600	602	603
Furniture and fixtures .....	339	337	342	349	354	357	365	364	365	371	376	378	382
Stone, clay, and glass products .....	421	421	423	429	434	436	440	446	448	453	454	452	455
Primary metal industries .....	596	595	601	608	615	616	625	629	636	653	660	667	659
Fabricated metal products .....	981	983	982	987	996	1,003	1,009	1,023	1,025	1,044	1,049	1,059	1,071
Machinery, except electrical .....	1,186	1,179	1,171	1,175	1,201	1,204	1,227	1,241	1,247	1,262	1,297	1,302	1,318
Electric and electronic equipment .....	1,182	1,187	1,193	1,204	1,213	1,226	1,242	1,238	1,270	1,292	1,310	1,321	1,341
Transportation equipment .....	1,055	1,073	1,066	1,085	1,093	1,103	1,134	1,141	1,134	1,176	1,188	1,208	1,217
Instruments and related products .....	387	385	384	384	384	382	382	385	391	394	395	393	398
Miscellaneous manufacturing ind. ....	267	267	270	274	275	276	279	277	274	280	282	285	282
<b>NONDURABLE GOODS</b> .....	5,360	5,354	5,362	5,400	5,416	5,446	5,478	5,474	5,481	5,521	5,546	5,560	5,602
Food and kindred products .....	1,119	1,115	1,114	1,126	1,126	1,136	1,133	1,120	1,120	1,120	1,127	1,123	1,135
Tobacco manufactures .....	54	52	52	51	51	50	50	47	48	49	46	47	47
Textile mill products .....	622	622	627	631	634	643	643	650	650	655	656	659	663
Apparel and other textile products .....	973	970	965	972	976	980	999	994	995	1,009	1,016	1,021	1,030
Paper and allied products .....	486	486	486	488	491	491	494	492	495	498	499	503	504
Printing and publishing .....	694	694	694	699	701	705	705	708	708	714	719	719	723
Chemicals and allied products .....	568	587	585	587	585	586	589	588	589	591	592	594	597
Petroleum and coal products .....	120	121	122	122	120	119	119	118	117	116	115	113	114
Rubber and misc. plastics products .....	525	529	538	546	554	558	568	575	576	586	593	599	607
Leather and leather products .....	179	178	179	178	178	178	178	182	183	183	183	182	182
<b>SERVICE-PRODUCING</b> .....	42,920	42,901	43,008	43,134	43,279	43,522	43,644	43,125	43,902	43,960	44,058	44,169	44,231
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,103	4,087	4,086	4,106	4,111	4,110	4,103	3,461	4,143	4,135	4,129	4,116	4,129
<b>WHOLESALE AND RETAIL TRADE</b> .....	17,774	17,769	17,776	17,754	17,797	17,910	17,958	18,000	18,018	18,052	18,096	18,131	18,147
<b>WHOLESALE TRADE</b> .....	4,171	4,166	4,156	4,165	4,182	4,203	4,207	4,225	4,250	4,256	4,259	4,273	4,305
<b>RETAIL TRADE</b> .....	13,603	13,603	13,620	13,589	13,615	13,707	13,751	13,775	13,768	13,796	13,837	13,858	13,842
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,998	4,003	4,012	4,037	4,049	4,065	4,071	4,090	4,095	4,099	4,138	4,120	4,129
<b>SERVICES</b> .....	17,045	17,042	17,134	17,237	17,322	17,437	17,512	17,574	17,546	17,674	17,725	17,802	17,826

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>p</sup> = preliminary.

**ESTABLISHMENT DATA**

**B-7. Indexes of diffusion: Percent of industries in which employment<sup>1</sup> increased**

Time span	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Over 1-month span	1982.....	28.5	45.4	36.0	39.0	47.6	32.8	38.4	37.1	34.1	29.3	32.0	42.2
	1983.....	56.5	45.7	62.4	69.1	71.0	64.5	68.5	68.0	60.8	70.7	64.5	64.2p
	1984.....	66.7p											
Over 3-month span	1982.....	25.3	28.8	32.0	34.1	32.5	33.6	27.2	27.2	26.1	25.5	24.7	40.6
	1983.....	45.4	55.1	65.6	75.8	76.1	77.2	73.9	79.6	79.6	74.2	71.2p	73.1p
	1984.....												
Over 6-month span <sup>2</sup>	1982.....	20.2	23.7	25.3	29.8	26.1	26.1	23.4	19.1	21.2	26.1	26.6	35.8
	1983.....	50.5	63.2	73.4	76.3	79.3	83.6	82.5	80.4	82.5p	82.3p		
	1984.....												
Over 12-month span	1982.....	22.0	20.7	18.0	19.4	18.3	20.7	20.7	22.8	24.2	31.5	37.6	44.1
	1983.....	48.9	58.3	62.6	73.4	76.1	80.6p	83.3p					
	1984.....												

<sup>1</sup> Number of employees, seasonally adjusted for 1, 3, and 6 month spans, on payrolls of 186 private nonagricultural industries.  
p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.) Data are centered within the spans.

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

State and areas	Total			Mining			Construction			Manufacturing		
	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P
1 ALABAMA .....	1,310.1	1,324.2	1,326.3	15.5	14.8	14.7	58.4	61.3	60.7	325.6	335.4	334.6
2 Birmingham .....	334.6	335.3	336.5	8.0	7.0	6.9	16.7	18.0	17.7	48.9	48.2	48.2
3 Huntsville .....	126.9	133.0	133.0	(1)	(1)	(1)	3.6	4.2	4.1	38.2	42.2	42.2
4 Mobile .....	147.2	147.3	146.9	(1)	(1)	(1)	9.5	9.9	9.8	26.6	26.7	26.1
5 Montgomery .....	104.0	105.4	105.5	(1)	(1)	(1)	5.3	6.3	6.1	14.3	14.4	14.4
6 Tuscaloosa .....	50.0	50.3	50.5	2.2	2.2	2.2	2.1	1.8	1.8	7.4	8.0	7.9
7 ALASKA .....	195.5	210.3	204.7	7.6	7.9	7.6	15.5	19.4	17.0	8.9	9.2	7.9
8 ARIZONA .....	1,043.5	1,078.6	1,088.0	15.8	15.6	15.6	65.2	76.8	76.9	148.9	157.0	157.6
9 Phoenix .....	664.8	690.5	697.7	.5	.6	.6	44.1	52.3	52.4	107.3	112.9	113.5
10 Tucson .....	194.7	201.0	203.7	3.8	3.4	3.5	12.4	15.3	15.5	25.7	26.9	27.2
11 ARKANSAS .....	719.7	756.0	753.9	5.7	5.2	5.2	28.7	29.9	29.1	190.9	207.0	205.9
12 Fayetteville—Springdale .....	64.5	67.9	67.4	(1)	(1)	(1)	2.1	2.2	2.1	17.9	18.2	17.9
13 Fort Smith .....	64.4	67.8	67.8	1.2	1.1	1.1	2.1	2.3	2.2	19.6	22.4	22.3
14 Little Rock—North Little Rock .....	177.2	181.0	181.8	(1)	(1)	(1)	8.2	8.3	8.2	25.1	26.2	26.1
15 Pine Bluff .....	29.0	29.9	30.0	(1)	(1)	(1)	1.1	1.2	1.1	5.6	5.7	6.0
16 CALIFORNIA .....	9,828.0	10,066.0	10,103.4	48.4	47.5	47.5	344.6	394.6	380.5	1,864.0	1,926.3	1,918.6
17 Anaheim—Santa Ana—Garden Grove .....	850.0	847.6	852.3	3.3	3.2	2.9	35.9	30.7	30.2	208.2	211.7	212.2
18 Bakersfield .....	140.0	139.6	141.1	14.6	14.4	14.7	6.6	6.1	5.9	9.7	9.5	9.6
19 Fresno .....	177.0	178.1	177.5	1.0	1.1	1.1	8.4	8.4	8.3	20.6	22.7	21.9
20 Los Angeles—Long Beach .....	3,586.5	3,654.6	3,667.7	14.3	14.1	14.1	100.6	103.2	104.6	842.5	864.6	855.6
21 Modesto .....	84.8	84.6	83.8	.1	.1	.1	3.7	4.1	3.9	17.1	18.5	17.9
22 Oxnard—Simi Valley—Ventura .....	162.9	161.6	163.2	3.1	3.0	3.0	5.1	5.3	5.2	25.7	25.5	25.5
23 Riverside—San Bernardino—Ontario .....	434.4	438.3	440.0	1.0	.9	.9	20.0	19.6	19.6	56.3	57.3	55.9
24 Sacramento .....	408.8	413.8	415.1	.8	.8	.8	15.3	16.6	16.5	25.4	26.9	26.4
25 Salinas—Seaside—Monterey .....	89.7	91.5	90.9	.4	.4	.4	2.8	3.1	3.1	8.7	9.3	8.7
26 San Diego .....	663.6	676.4	682.2	.5	.5	.5	25.5	27.9	28.5	105.3	107.3	107.5
27 San Francisco—Oakland .....	1,576.6	1,573.9	1,581.0	4.5	4.5	4.5	70.3	70.4	69.6	188.0	182.0	182.1
28 San Jose .....	698.7	703.4	708.4	.1	.1	.1	22.1	24.1	24.1	254.1	253.6	254.8
29 Santa Barbara—Santa Maria—Lompoc .....	125.5	126.0	126.2	1.5	1.2	1.3	4.7	4.5	4.5	18.2	19.6	19.6
30 Santa Rosa .....	97.2	98.3	98.2	.5	.6	.6	4.7	5.1	4.9	15.5	15.8	15.7
31 Stockton .....	117.3	118.1	117.1	.1	.1	.1	4.8	5.1	5.0	18.9	19.2	18.6
32 Vallejo—Fairfield—Napa .....	102.1	103.3	103.3	.5	.5	.5	4.3	4.6	4.4	9.9	10.2	10.1
33 COLORADO .....	1,323.2	1,345.9	1,351.8	38.6	36.9	37.1	82.4	86.2	82.5	177.8	183.8	183.8
34 Denver—Boulder .....	851.6	870.9	872.8	27.1	25.9	25.9	50.1	50.0	48.6	120.7	126.2	126.7
35 CONNECTICUT .....	1,439.9	1,457.7	1,467.0	(2)	(2)	(2)	51.1	53.0	51.0	405.2	409.0	411.8
36 Bridgeport .....	169.2	167.9	168.6	(2)	(2)	(2)	5.1	5.2	5.0	58.9	58.5	58.7
37 Hartford .....	401.9	404.2	406.2	(2)	(2)	(2)	11.4	12.0	11.6	88.5	88.0	88.2
38 New Britain .....	60.4	59.5	60.0	(2)	(2)	(2)	2.3	2.3	2.1	24.9	24.2	24.6
39 New Haven—West Haven .....	190.1	187.1	188.5	(2)	(2)	(2)	6.1	6.5	6.2	38.9	37.6	38.5
40 Stamford .....	115.2	115.4	116.1	(2)	(2)	(2)	5.1	5.2	5.2	32.0	31.8	31.8
41 Waterbury .....	83.7	86.2	86.6	(2)	(2)	(2)	2.8	3.1	3.0	27.7	28.7	28.7
42 DELAWARE .....	261.5	266.2	266.0	(1)	(1)	(1)	15.3	17.0	16.5	68.0	68.4	68.1
43 Wilmington .....	233.0	234.3	234.8	(1)	(1)	(1)	18.6	19.0	18.7	61.1	59.3	59.2
44 DISTRICT OF COLUMBIA .....	593.5	593.9	595.9	(1)	(1)	(1)	10.1	10.4	10.4	13.5	13.9	14.0
45 Washington SMSA .....	1,609.3	1,635.4	1,644.0	(1)	(1)	(1)	68.3	75.1	74.6	61.2	65.9	66.2
46 FLORIDA .....	3,834.4	3,968.6	4,014.7	9.7	9.3	9.3	241.8	263.0	266.9	460.6	488.3	494.3
47 Daytona Beach .....	82.4	86.5	87.2	-	-	-	4.2	4.3	4.3	9.1	10.7	10.8
48 Fort Lauderdale—Hollywood .....	363.0	371.0	372.9	(1)	(1)	(1)	24.7	25.6	25.6	38.9	40.6	41.0
49 Fort Myers—Cape Coral .....	76.9	78.5	79.0	(1)	(1)	(1)	9.1	9.4	9.2	4.1	4.2	4.1
50 Gainesville .....	67.1	70.7	70.6	(1)	(1)	(1)	3.2	4.4	4.3	4.0	4.3	4.3
51 Jacksonville .....	311.2	318.7	319.5	(1)	(1)	(1)	18.6	19.7	19.7	31.4	32.2	32.1
52 Lakealand—Winter Haven .....	121.9	117.1	119.0	4.6	4.4	4.3	7.0	6.1	5.9	21.3	19.3	20.1
53 Melbourne—Titusville—Cocoa .....	110.4	115.6	116.2	(1)	(1)	(1)	5.5	6.3	6.5	24.0	25.9	26.1
54 Miami .....	734.8	742.3	748.0	(1)	(1)	(1)	33.0	36.6	37.0	94.2	96.5	96.6
55 Orlando .....	329.1	343.5	346.8	(1)	(1)	(1)	25.0	25.9	26.2	39.8	40.5	40.8
56 Pensacola .....	103.0	106.4	106.6	(1)	(1)	(1)	8.0	9.1	8.9	12.4	12.6	12.6
57 Sarasota .....	75.7	80.8	81.1	(1)	(1)	(1)	6.3	7.5	7.5	5.5	6.1	6.1
58 Tallahassee .....	76.5	76.8	76.8	(1)	(1)	(1)	3.4	4.1	4.2	3.2	3.2	3.2
59 Tampa—St. Petersburg .....	596.6	611.6	618.3	(1)	(1)	(1)	39.6	43.0	43.6	78.3	80.9	81.0
60 West Palm Beach—Boca Raton .....	227.2	234.4	237.5	(1)	(1)	(1)	16.6	17.4	17.3	28.9	31.5	31.7

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	
70.1	70.9	71.1	273.2	271.4	275.5	58.7	58.9	58.9	218.1	216.5	216.2	290.5	295.0	294.6	1
29.3	29.7	29.8	81.4	79.3	81.1	23.2	23.9	24.0	72.3	73.5	73.4	54.8	55.7	55.4	2
2.7	2.7	2.7	23.2	23.3	23.9	3.5	3.4	3.4	20.1	20.9	20.6	35.6	36.3	36.1	3
9.9	9.5	9.5	37.3	37.5	37.9	6.9	6.6	6.6	31.3	31.0	31.0	25.7	26.1	26.0	4
4.5	4.4	4.3	24.0	24.3	24.8	6.1	6.2	6.2	20.8	20.7	20.7	29.0	29.1	29.0	5
1.7	1.6	1.6	10.1	10.4	10.5	1.7	1.6	1.6	6.4	6.5	6.5	18.4	18.2	18.4	6
17.6	18.2	17.9	39.0	42.6	42.7	10.0	10.8	10.5	36.2	38.0	38.0	60.7	64.2	63.1	7
56.4	56.5	57.1	264.5	262.9	268.9	61.9	63.5	63.7	222.7	232.3	234.1	208.1	214.0	214.1	8
35.7	36.0	36.5	177.1	175.9	180.5	48.0	49.0	49.1	147.9	155.4	157.2	104.2	108.4	107.9	9
8.9	8.9	8.9	44.5	43.9	44.9	8.8	9.5	9.5	43.6	45.7	45.8	47.0	47.4	48.4	10
42.0	44.1	44.0	161.4	165.2	166.8	31.9	33.6	33.6	117.5	127.5	126.3	141.6	143.5	143.0	11
4.1	4.6	4.6	16.4	16.9	17.0	2.2	2.4	2.4	9.6	10.1	10.0	12.2	13.5	13.4	12
3.6	3.6	3.6	14.2	14.5	14.8	2.5	2.6	2.6	12.0	12.2	12.1	9.2	9.1	9.1	13
13.2	13.4	13.4	44.0	44.2	45.1	13.3	13.0	13.1	36.8	38.3	38.3	36.6	37.6	37.6	14
3.2	3.4	3.3	5.9	5.7	5.8	1.3	1.3	1.3	5.5	5.6	5.6	6.4	7.0	6.9	15
540.2	545.0	543.3	2,337.8	2,377.8	2,431.9	646.6	659.7	661.0	2,307.5	2,372.2	2,381.1	1,738.9	1,742.9	1,739.5	16
29.2	28.5	28.6	215.1	211.9	216.7	59.4	60.6	60.9	193.1	196.4	197.4	105.8	104.6	103.4	17
7.8	7.9	7.8	36.7	36.4	37.5	5.4	5.5	5.5	25.4	25.8	25.9	33.8	34.0	34.2	18
10.5	10.5	10.4	47.0	46.3	46.8	11.3	11.6	11.5	37.6	37.5	37.6	40.6	40.0	39.9	19
196.1	198.7	196.6	839.9	848.1	868.5	236.6	243.1	243.9	881.7	909.5	911.2	474.8	473.3	473.2	20
4.2	4.0	3.9	22.5	22.1	22.5	3.4	3.4	3.4	17.3	17.4	17.2	16.5	15.0	14.9	21
6.5	6.8	6.9	40.3	40.2	41.3	10.4	10.4	10.6	33.3	33.8	34.0	38.5	36.6	36.7	22
25.0	25.1	25.1	112.5	113.1	116.1	18.8	18.9	18.9	98.2	99.8	100.5	102.6	103.6	103.0	23
21.6	21.5	21.4	98.6	99.1	100.8	22.7	22.6	22.6	80.5	80.9	81.9	143.9	145.4	144.7	24
4.7	4.7	4.7	24.6	24.5	24.5	4.2	4.3	4.3	20.8	21.1	21.1	23.5	24.1	24.1	25
28.9	29.1	29.2	157.4	159.2	163.7	41.9	42.6	42.8	162.5	167.1	167.2	141.6	142.7	142.8	26
125.0	123.7	124.0	371.2	367.2	374.9	153.8	154.0	154.2	379.4	387.8	388.3	284.4	284.3	283.4	27
22.3	21.8	22.0	130.4	134.5	138.0	28.6	28.8	28.8	159.5	162.9	163.1	81.6	77.6	77.5	28
5.4	5.2	5.2	30.8	30.0	30.6	6.3	6.4	6.4	34.6	34.3	34.4	24.0	24.8	24.2	29
4.6	4.8	4.7	24.2	24.0	24.6	6.2	6.1	6.1	21.1	21.2	21.3	20.4	20.7	20.3	30
7.6	7.7	7.3	27.9	28.0	28.3	6.2	6.2	6.2	24.5	24.4	24.4	27.3	27.4	27.2	31
4.3	4.3	4.3	22.9	23.7	24.0	3.5	3.5	3.5	20.8	21.0	20.9	35.9	35.5	35.6	32
85.1	84.5	85.4	328.6	330.2	335.8	84.7	86.2	86.8	281.3	289.3	293.6	244.7	248.7	246.7	33
62.0	62.1	63.0	208.0	211.6	214.7	60.7	62.1	62.3	185.5	193.7	193.2	137.7	139.3	138.5	34
62.3	61.4	61.7	317.2	317.3	324.1	114.4	118.3	118.9	305.6	311.5	312.6	184.1	187.2	186.9	35
6.6	6.6	6.6	36.9	36.7	37.2	7.9	7.9	7.9	37.7	36.8	36.8	16.1	16.3	16.4	36
14.1	13.9	14.1	86.7	85.5	87.4	66.5	67.8	67.9	81.7	84.3	84.5	53.0	52.7	52.5	37
3.6	3.6	3.6	10.3	10.1	10.3	1.9	1.9	1.9	10.9	11.0	11.1	6.5	6.4	6.4	38
15.7	15.5	15.4	43.4	42.0	42.5	10.9	11.0	11.0	50.9	50.8	51.0	24.2	23.7	23.9	39
4.6	4.2	4.3	26.9	27.2	27.9	9.2	9.2	9.2	27.1	27.5	27.4	10.3	10.3	10.3	40
3.3	3.5	3.5	16.6	17.0	17.4	3.9	4.0	4.0	18.4	18.8	18.9	11.0	11.1	11.1	41
11.6	11.4	11.3	58.3	58.9	59.6	13.4	14.0	14.0	50.5	52.2	52.3	44.5	44.3	44.1	42
11.3	10.9	10.9	48.8	50.0	50.5	12.3	12.8	12.9	45.1	46.8	47.0	35.8	35.5	35.6	43
25.8	25.5	25.4	60.8	59.1	60.1	33.3	32.9	32.9	193.2	190.1	190.9	256.8	262.0	262.2	44
74.4	77.5	78.2	314.1	313.3	319.8	90.7	91.9	92.3	472.5	479.1	480.1	528.1	532.6	532.8	45
238.5	234.4	234.7	1,034.3	1,077.8	1,100.0	284.2	299.3	302.9	927.3	945.7	953.5	638.0	650.8	653.1	46
3.3	3.1	3.1	23.1	23.7	24.2	5.2	5.6	5.6	22.0	23.1	23.1	15.5	16.0	16.1	47
18.2	17.7	17.8	109.4	114.0	115.4	31.4	33.0	33.3	92.3	92.2	92.1	48.1	47.9	47.9	48
4.2	4.3	4.3	22.9	23.4	23.8	6.9	7.0	6.9	17.2	17.4	17.8	12.5	12.8	12.9	49
1.7	1.5	1.6	14.3	14.2	14.0	3.0	2.7	2.7	14.6	14.3	14.2	26.3	29.3	29.5	50
25.3	25.4	25.4	83.6	84.4	85.1	27.9	28.3	28.4	70.9	74.1	74.2	53.5	54.6	54.6	51
5.2	4.7	4.7	31.3	30.4	31.4	10.0	10.2	10.2	25.3	25.3	25.6	17.2	16.7	16.8	52
5.0	4.6	4.6	25.4	27.5	27.9	4.1	4.3	4.2	27.6	28.0	27.9	18.8	19.0	19.0	53
72.3	70.4	70.9	196.5	196.0	199.3	58.2	59.0	59.3	183.4	187.3	188.5	97.2	96.5	96.4	54
15.7	15.8	15.9	91.2	96.2	97.8	21.0	21.3	21.5	90.1	95.3	96.1	46.3	48.5	48.5	55
5.2	5.6	5.4	24.9	25.3	25.7	4.4	4.5	4.5	22.0	23.0	23.3	26.1	26.3	26.2	56
3.3	3.5	3.6	23.7	24.0	24.7	6.6	6.8	6.8	20.1	22.4	21.9	10.2	10.5	10.5	57
2.6	2.6	2.6	15.8	16.5	16.5	3.5	3.6	3.5	14.8	14.9	14.9	33.2	31.9	31.9	58
34.1	33.5	33.6	162.6	165.2	168.6	43.6	45.5	45.9	150.9	155.0	156.9	87.5	88.5	88.7	59
9.7	10.2	10.3	59.9	61.1	63.0	19.5	20.0	20.2	60.4	60.8	61.7	32.2	33.4	33.3	60

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and areas	Total			Mining			Construction			Manufacturing		
	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P
<b>1 GEORGIA</b> .....	2,226.5	2,287.5	2,295.6	7.4	7.6	7.6	103.5	109.5	108.0	495.4	515.0	515.0
2 Albany.....	43.3	44.1	44.4	(1)	(1)	(1)	1.8	1.9	1.8	11.6	11.5	11.5
3 Athens.....	52.7	55.8	55.7	-	-	-	1.7	1.9	1.9	13.9	14.8	14.7
4 Atlanta.....	1,021.7	1,053.5	1,057.9	(1)	(1)	(1)	46.7	48.7	48.6	139.7	143.3	143.8
5 Augusta.....	124.1	124.8	125.3	(1)	(1)	(1)	5.7	5.0	5.1	33.5	34.4	34.3
6 Columbus.....	79.0	81.1	81.2	(1)	(1)	(1)	3.4	4.3	4.1	19.4	21.1	21.1
7 Macon.....	98.8	101.0	101.1	(1)	(1)	(1)	3.4	3.7	3.7	16.0	16.5	16.3
8 Savannah.....	88.8	89.9	90.4	(1)	(1)	(1)	5.1	5.2	5.2	16.3	17.2	17.2
<b>9 HAWAII</b> .....	402.8	400.1	402.1	-	-	-	17.6	16.8	16.3	21.6	21.0	21.4
10 Honolulu.....	329.6	327.7	329.5	-	-	-	13.9	13.9	13.6	15.5	15.2	15.4
<b>11 IDAHO</b> .....	312.7	326.1	322.9	3.7	4.5	4.3	12.7	13.7	12.2	47.5	51.3	50.5
12 Boise City.....	76.4	78.3	78.5	-	-	-	4.8	4.9	4.7	8.4	9.0	9.1
<b>13 ILLINOIS</b> .....	4,527.8	4,550.4	4,546.4	26.6	26.3	25.7	151.5	159.5	145.3	950.4	985.4	988.8
14 Bloomington—Normal.....	50.2	50.2	49.7	(2)	(2)	(2)	.9	1.2	1.0	5.6	5.3	5.4
15 Champaign—Urbana—Rantoul.....	75.0	76.6	75.4	(2)	(2)	(2)	1.7	1.7	1.6	6.8	6.8	6.7
16 Chicago—Gary.....	3,274.2	3,289.6	3,284.1	2.9	3.2	3.2	107.2	117.3	109.0	731.5	736.5	734.2
17 Chicago SMSA <sup>1</sup> .....	3,054.5	3,070.1	3,066.0	2.8	3.1	3.1	96.7	106.3	98.9	661.7	667.0	665.2
18 Davenport—Rock Island—Moline.....	145.3	147.3	147.1	(2)	(2)	(2)	6.1	6.1	5.9	35.3	37.3	37.5
19 Decatur.....	50.1	53.6	53.5	(2)	(2)	(2)	2.1	2.3	2.1	14.5	18.1	18.1
20 Kankakee.....	31.1	30.8	30.8	(2)	(2)	(2)	1.3	1.2	1.1	6.2	6.3	6.4
21 Peoria.....	120.6	130.3	130.1	(2)	(2)	(2)	6.0	6.9	6.5	24.9	34.6	34.6
22 Rockford.....	105.7	104.5	107.8	(2)	(2)	(2)	2.9	3.2	2.9	39.9	39.4	42.7
23 Springfield.....	85.0	85.7	85.2	(2)	(2)	(2)	2.9	3.4	2.8	4.5	5.5	5.5
<b>24 INDIANA</b> .....	1,979.8	2,022.2	2,019.5	9.5	9.2	8.8	74.7	75.9	71.8	544.5	581.8	582.4
25 Anderson.....	41.2	45.0	45.2	(1)	(1)	(1)	.9	1.1	1.0	15.7	18.3	18.5
26 Elkhart.....	67.3	76.9	77.1	(1)	(1)	(1)	1.5	2.1	2.0	33.7	40.6	40.7
27 Evansville.....	120.8	124.2	124.2	2.7	2.8	2.8	5.5	6.4	6.3	31.9	33.3	33.4
28 Fort Wayne.....	157.8	157.7	158.2	(1)	(1)	(1)	5.1	5.9	5.5	45.0	44.9	45.2
29 Gary—Hammond—East Chicago.....	219.7	219.5	218.1	(1)	(1)	(1)	10.5	11.0	10.1	69.8	69.5	69.0
30 Indianapolis.....	502.7	511.4	511.6	(1)	(1)	(1)	18.9	20.2	19.1	106.2	108.1	108.2
31 Lafayette—West Lafayette.....	56.7	58.3	56.6	(1)	(1)	(1)	1.6	1.6	1.5	10.1	10.9	10.9
32 Muncie.....	45.0	47.0	46.6	(1)	(1)	(1)	1.2	1.3	1.2	9.6	11.2	11.2
33 South Bend.....	105.0	108.7	108.5	(1)	(1)	(1)	3.5	4.3	4.2	27.7	28.2	27.9
34 Terre Haute.....	58.0	59.1	58.7	1.3	1.2	1.2	2.5	3.0	2.9	13.5	12.6	12.7
<b>35 IOWA</b> .....	1,023.0	1,029.7	1,025.6	1.7	1.8	1.7	31.5	30.7	26.4	196.8	205.3	205.9
36 Cedar Rapids.....	75.1	73.1	73.1	(1)	(1)	(1)	2.1	2.0	1.9	22.0	20.9	21.0
37 Des Moines.....	170.7	168.4	169.2	(1)	(1)	(1)	4.9	5.1	4.4	19.8	19.8	20.2
38 Dubuque.....	36.8	39.0	38.8	(1)	(1)	(1)	1.0	1.1	1.0	10.0	11.9	11.8
39 Sioux City.....	47.3	47.2	47.2	(1)	(1)	(1)	1.7	1.6	1.2	8.9	9.1	9.3
40 Waterloo—Cedar Falls.....	58.1	55.7	56.2	(1)	(1)	(1)	1.5	1.4	1.1	17.9	16.5	17.2
<b>41 KANSAS</b> .....	908.9	918.9	918.3	17.8	17.5	17.7	35.3	35.8	34.4	153.5	164.6	164.0
42 Lawrence.....	27.5	27.4	27.2	(2)	(2)	(2)	.7	.7	.7	4.2	4.0	3.9
43 Topeka.....	82.8	83.6	83.7	(2)	(2)	(2)	2.9	3.1	2.9	8.5	9.1	9.3
44 Wichita.....	188.2	196.0	196.3	3.6	3.3	3.3	8.1	8.0	8.0	47.4	52.6	53.0
<b>45 KENTUCKY</b> .....	1,165.6	1,186.2	1,194.3	50.8	52.0	51.5	50.1	55.3	54.9	237.1	249.3	253.0
46 Lexington—Fayette.....	144.1	144.2	146.6	(1)	(1)	(1)	6.2	6.2	6.3	26.4	27.1	27.9
47 Louisville.....	361.2	367.6	367.4	(1)	(1)	(1)	15.8	16.7	16.0	77.8	86.1	86.6
48 Owensboro.....	30.7	30.5	30.6	1.1	1.1	1.1	1.5	1.5	1.5	5.8	6.0	5.9
<b>49 LOUISIANA</b> .....	1,607.1	1,597.1	1,594.8	95.2	91.6	92.2	118.9	115.0	113.5	199.0	193.0	190.3
50 Alexandria.....	54.5	55.7	55.3	(1)	(1)	(1)	3.4	3.7	3.6	5.3	5.8	5.4
51 Baton Rouge.....	209.8	212.1	213.3	1.5	1.5	1.5	21.8	21.5	22.1	25.2	24.4	24.3
52 Lafayette.....	100.7	95.6	96.3	19.7	17.1	17.7	6.8	6.1	6.1	5.2	5.1	5.1
53 Lake Charles.....	62.0	60.2	59.7	2.3	2.4	2.4	4.9	3.8	3.7	10.5	9.7	9.5
54 Monroe.....	51.8	50.6	51.0	.5	.6	.6	3.5	3.5	3.5	7.1	7.4	7.4
55 New Orleans.....	513.7	507.7	508.5	20.9	20.8	20.9	31.1	32.2	31.7	46.4	43.3	42.7
56 Shreveport.....	146.2	147.1	147.5	7.7	7.2	7.3	7.6	8.0	7.6	23.3	24.3	24.4
<b>57 MAINE</b> .....	407.9	415.6	414.5	(1)	(1)	(1)	17.0	18.1	16.9	105.6	106.8	106.3
58 Lewiston—Auburn.....	33.7	34.4	34.1	(1)	(1)	(1)	1.3	1.3	1.3	10.5	11.4	11.3
59 Portland.....	96.8	100.1	100.9	(1)	(1)	(1)	4.0	4.4	4.1	16.8	16.9	17.1
<b>60 MARYLAND</b> .....	1,680.5	1,701.6	1,704.8	(1)	(1)	(1)	88.2	90.8	88.7	206.2	209.2	209.3
61 Baltimore SMSA.....	930.6	936.6	938.9	(1)	(1)	(1)	41.6	40.9	40.3	136.1	138.3	138.1
62 Baltimore City.....	429.7	431.5	432.3	(1)	(1)	(1)	13.4	12.8	12.4	55.2	55.0	54.3

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(in thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	
146.3	148.2	149.4	540.0	549.6	560.3	117.9	120.8	121.1	376.3	395.2	393.8	439.8	441.5	440.3	1
2.3	2.2	2.1	9.3	9.7	10.1	2.2	2.2	2.2	5.9	5.8	6.0	10.3	10.8	10.7	2
1.5	1.5	1.5	10.6	11.1	11.3	1.7	1.7	1.7	7.2	7.2	7.2	16.2	17.6	17.5	3
92.2	93.9	94.6	292.3	300.0	304.6	70.2	72.1	72.4	217.4	228.9	227.8	163.3	166.6	166.1	4
4.3	4.2	4.3	25.2	25.2	25.8	4.5	4.5	4.6	19.3	20.1	19.9	31.6	31.4	31.4	5
3.2	3.1	3.0	17.6	17.3	17.5	5.3	5.3	5.3	11.1	10.8	10.9	19.1	19.3	19.2	6
4.7	4.4	4.4	21.7	22.2	22.6	6.0	6.1	6.1	17.1	18.0	17.8	29.9	30.1	30.1	7
8.7	8.4	8.9	21.6	21.2	21.3	4.2	4.2	4.3	16.5	17.3	17.2	16.4	16.3	16.4	8
31.7	30.2	30.2	107.9	107.9	109.2	31.5	31.3	31.5	99.8	100.8	101.0	92.8	92.1	92.5	9
26.4	25.1	25.1	89.1	89.1	90.1	27.1	27.1	27.2	78.8	79.0	79.5	78.8	78.3	78.6	10
18.8	19.0	18.7	79.6	82.0	82.9	22.7	23.3	23.4	59.3	62.0	62.5	68.4	70.3	68.4	11
5.2	5.1	5.1	19.6	19.6	19.8	7.8	7.9	8.0	15.1	16.1	16.2	15.5	15.7	15.6	12
269.3	268.4	267.3	1,094.2	1,088.8	1,103.8	324.3	322.6	322.8	979.9	980.5	978.8	731.6	718.9	713.9	13
3.3	3.2	3.2	11.9	12.2	12.1	8.1	8.2	8.2	8.6	8.5	8.5	11.8	11.6	11.3	14
2.4	2.3	2.3	19.4	19.6	19.6	2.4	2.4	2.4	11.5	12.3	12.0	30.8	31.5	30.8	15
194.8	196.5	195.6	806.0	805.1	814.1	250.8	247.7	247.8	756.0	761.6	761.3	425.0	421.7	418.9	16
181.5	183.5	182.8	758.3	757.4	766.1	241.9	238.9	239.0	717.0	722.7	722.5	394.6	391.2	388.4	17
6.6	6.6	6.4	38.9	39.0	39.0	7.1	7.2	7.2	25.6	25.5	25.6	25.7	25.6	25.5	18
4.7	4.9	4.9	11.7	11.3	11.4	2.6	2.6	2.6	9.0	9.0	9.0	5.5	5.4	5.4	19
1.4	1.3	1.3	6.8	6.8	6.8	1.5	1.4	1.4	6.3	6.2	6.2	7.6	7.6	7.6	20
7.3	7.4	7.3	33.1	32.5	32.7	6.7	6.6	6.6	26.3	25.9	26.0	16.3	16.4	16.4	21
4.3	4.2	4.2	23.2	22.8	22.9	4.7	4.5	4.5	18.5	18.3	18.4	12.2	12.1	12.2	22
4.3	4.1	4.2	19.1	18.8	19.0	6.3	6.2	6.2	18.0	18.4	18.2	29.9	29.3	29.3	23
101.6	101.7	102.4	459.3	446.8	451.8	101.2	104.5	104.8	354.6	365.9	365.6	334.4	336.4	331.8	24
1.1	1.2	1.2	9.0	9.6	9.7	1.5	1.5	1.5	7.9	8.1	8.1	5.1	5.2	5.2	25
2.3	2.4	2.4	13.4	14.6	14.7	2.0	2.1	2.1	9.2	10.0	10.0	5.2	5.1	5.2	26
6.9	6.7	6.6	31.2	32.0	32.2	4.5	4.6	4.6	25.9	26.2	26.1	12.2	12.2	12.2	27
10.3	9.9	9.9	40.2	39.5	39.9	10.3	10.3	10.4	29.2	29.8	30.0	17.8	17.4	17.3	28
13.3	13.0	12.8	47.7	47.7	48.0	8.9	8.8	8.8	39.1	39.0	38.9	30.4	30.5	30.5	29
30.4	30.9	30.7	129.9	130.5	132.3	38.2	38.9	38.8	97.5	100.5	100.3	81.6	82.3	82.2	30
1.7	1.6	1.6	11.7	12.0	12.0	2.5	2.5	2.6	9.2	9.5	9.4	19.9	20.2	18.6	31
1.9	1.9	1.9	11.2	11.4	11.4	1.5	1.5	1.5	8.7	8.8	8.7	10.9	10.9	10.7	32
4.6	4.6	4.6	26.1	27.9	27.8	5.1	5.2	5.2	25.5	26.4	26.3	12.5	12.5	12.5	33
3.2	3.2	3.2	14.1	15.0	15.1	1.9	1.9	1.9	9.8	10.2	10.2	11.7	12.0	11.5	34
51.2	50.0	49.7	265.9	263.1	264.4	58.5	59.6	59.6	211.4	210.6	210.4	206.0	208.6	207.5	35
3.8	3.7	3.7	18.3	17.3	17.5	4.2	4.2	4.2	15.7	15.7	15.8	9.0	9.3	9.1	36
11.0	11.0	10.9	44.6	42.7	43.5	21.6	21.9	21.9	41.0	40.3	40.6	27.8	27.6	27.7	37
1.6	1.6	1.5	8.8	8.8	8.8	1.3	1.3	1.3	10.4	10.6	10.7	3.7	3.7	3.6	38
3.6	3.4	3.4	12.1	12.0	12.1	2.7	2.7	2.7	12.0	12.3	12.4	6.4	6.2	6.2	39
2.2	2.0	2.0	13.1	12.6	12.8	2.1	2.1	2.1	10.8	10.5	10.5	10.5	10.5	10.4	40
63.4	64.3	65.7	228.4	228.5	229.3	48.7	47.7	47.8	172.9	172.9	172.0	188.9	187.6	187.4	41
1.4	1.4	1.5	5.7	5.8	5.8	.8	.8	.8	3.9	4.1	4.0	10.8	10.6	10.5	42
8.1	7.7	7.7	18.3	19.0	19.1	5.8	5.9	5.8	17.6	17.3	17.3	21.4	21.5	21.6	43
10.2	10.4	10.4	45.0	46.7	47.0	10.0	10.0	10.0	38.8	38.8	38.6	25.1	26.2	26.0	44
63.5	64.0	64.0	269.1	270.9	278.1	52.0	51.5	51.8	215.7	221.4	219.1	227.3	221.8	221.9	45
7.4	7.2	7.1	33.0	31.8	33.9	7.1	7.1	7.3	31.3	33.5	32.7	32.7	31.3	31.4	46
22.3	21.2	21.2	88.8	85.9	87.1	23.4	24.2	24.2	77.7	80.2	79.3	55.4	53.4	53.0	47
2.4	2.3	2.3	7.9	7.4	7.5	1.1	1.2	1.2	6.1	6.2	6.2	4.8	4.8	4.9	48
127.1	123.9	122.0	372.2	370.9	374.6	79.5	80.1	80.3	304.9	307.3	307.1	310.3	315.3	314.8	49
2.5	2.5	2.5	12.7	12.7	12.8	3.0	3.0	3.0	11.6	11.9	11.9	16.0	16.1	16.1	50
10.5	10.1	10.1	48.1	50.0	50.5	12.0	11.9	12.1	37.5	38.6	39.0	53.2	54.1	53.7	51
7.9	7.8	7.9	25.2	24.3	24.5	3.6	3.6	3.8	21.2	20.1	20.1	11.1	11.3	11.1	52
4.6	4.9	4.8	15.5	15.1	15.0	3.0	3.1	3.1	10.6	11.0	11.0	10.6	10.2	10.2	53
2.7	2.8	2.7	13.9	13.8	14.1	3.9	4.0	4.0	9.7	9.7	9.8	10.5	8.8	8.9	54
49.1	47.7	47.4	129.3	128.8	130.2	31.1	30.8	30.8	125.9	123.9	124.0	79.9	80.2	80.8	55
9.1	8.7	8.9	34.7	34.0	34.7	7.7	8.0	7.9	30.2	30.5	30.2	25.9	26.4	26.5	56
17.5	17.8	17.8	87.4	90.1	90.8	17.8	18.3	18.3	79.4	79.3	79.5	83.2	85.2	84.9	57
1.3	1.3	1.2	8.4	8.1	8.2	1.6	1.7	1.7	7.4	7.4	7.3	3.2	3.2	3.1	58
6.0	6.0	6.0	26.1	27.0	27.6	8.5	8.9	9.0	21.7	22.7	22.8	13.7	14.2	14.3	59
86.7	87.4	89.1	420.6	420.6	424.2	94.8	95.4	95.5	389.8	402.4	402.3	394.2	395.8	395.7	60
57.4	56.7	58.2	226.7	224.9	226.4	58.1	58.0	57.9	206.0	213.0	213.5	204.7	204.8	204.5	61
36.3	35.2	35.8	94.3	92.8	94.3	38.8	38.8	39.2	111.6	116.4	116.5	80.1	80.5	79.8	62

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P
1	<b>MASSACHUSETTS</b> .....	2,633.1	2,665.9	2,676.3	(1)	(1)	(1)	77.3	76.8	73.4	614.5	637.3	638.7
2	Boston .....	1,489.0	1,512.4	1,522.0	(1)	(1)	(1)	43.2	45.6	43.9	280.2	289.7	291.5
3	Brockton .....	57.1	57.3	57.4	(1)	(1)	(1)	1.5	1.5	1.4	11.2	11.4	11.3
4	Fall River .....	52.0	52.5	51.8	(1)	(1)	(1)	1.5	2.1	1.9	18.0	20.0	20.0
5	Lawrence—Haverhill .....	112.4	114.9	115.0	(1)	(1)	(1)	3.1	3.3	3.4	41.2	42.2	42.0
6	Lowell .....	81.4	84.6	85.1	(1)	(1)	(1)	2.5	2.4	2.3	30.6	34.4	34.6
7	New Bedford .....	63.6	64.6	65.2	(1)	(1)	(1)	1.4	1.5	1.4	24.0	24.7	25.1
8	Springfield—Chicopee—Holyoke .....	229.2	231.4	232.4	(1)	(1)	(1)	5.6	5.8	5.8	55.9	56.1	55.7
9	Worcester .....	160.4	161.4	160.4	(1)	(1)	(1)	4.9	5.1	4.9	42.0	41.7	41.2
10	<b>MICHIGAN</b> .....	3,165.9	3,266.7	3,276.9	10.2	10.5	9.9	90.2	95.8	87.8	826.7	924.9	932.8
11	Ann Arbor .....	126.7	140.1	140.5	(1)	(1)	(1)	1.7	2.2	2.0	25.0	36.1	36.0
12	Battle Creek .....	59.7	61.7	62.1	(1)	(1)	(1)	1.7	1.7	1.4	17.4	17.9	18.2
13	Bay City .....	32.0	32.4	32.1	(1)	(1)	(1)	.7	1.1	.8	8.3	8.7	8.7
14	Banton Harbor .....	53.7	55.9	55.7	(1)	(1)	(1)	1.7	2.0	1.9	18.1	19.2	19.1
15	Detroit .....	1,546.5	1,581.0	1,589.9	1.0	.9	.8	41.0	43.7	40.9	402.1	437.5	443.1
16	Flint .....	168.0	187.7	189.2	(1)	(1)	(1)	3.1	3.7	3.6	57.1	71.3	71.9
17	Grand Rapids .....	262.0	268.8	269.0	(1)	(1)	(1)	8.8	9.6	8.9	84.5	90.3	90.8
18	Jackson .....	45.7	46.5	46.7	(1)	(1)	(1)	.9	1.3	1.1	10.9	11.1	11.1
19	Kalamazoo—Portage .....	104.6	106.2	105.7	(1)	(1)	(1)	2.7	3.3	2.9	30.1	31.4	31.6
20	Lansing—East Lansing .....	186.8	197.1	191.4	(1)	(1)	(1)	2.9	4.0	3.8	37.8	42.1	42.5
21	Muskegon—Norton Shores—Musk. Hts. ....	54.7	57.6	57.4	(1)	(1)	(1)	1.8	1.9	1.8	17.2	19.6	19.7
22	Saginaw .....	76.5	81.5	82.0	(1)	(1)	(1)	1.6	2.3	2.2	23.0	26.5	26.6
23	<b>MINNESOTA</b> .....	1,693.9	1,744.6	1,744.6	6.5	7.2	7.0	54.9	68.0	59.7	333.2	342.3	342.0
24	Duluth—Superior .....	53.0	53.0	52.9	(1)	(1)	(1)	1.4	1.4	1.2	4.9	4.7	4.7
25	Minneapolis—St. Paul .....	1,059.9	1,088.8	1,089.6	(1)	(1)	(1)	32.9	38.7	35.4	227.1	234.5	234.0
26	Rochester .....	51.1	53.2	52.7	(2)	(2)	(2)	1.3	1.7	1.3	9.6	10.4	10.4
27	St. Cloud .....	55.9	56.7	57.3	(1)	(1)	(1)	2.6	2.9	2.6	9.8	9.2	9.9
28	<b>MISSISSIPPI</b> .....	793.6	798.9	800.8	11.4	11.2	11.2	40.0	37.9	37.5	197.9	207.2	207.5
29	Jackson .....	146.3	148.1	148.8	2.0	2.1	2.1	5.7	6.8	6.9	15.8	16.1	16.3
30	<b>MISSOURI</b> .....	1,908.6	1,938.3	1,932.6	6.9	7.0	6.9	72.6	77.5	73.7	399.1	414.5	415.2
31	Kansas City .....	593.7	605.8	604.7	.5	.5	.5	18.3	21.9	20.5	106.7	111.6	111.8
32	St. Joseph .....	36.8	36.7	36.5	(2)	(2)	(2)	1.2	1.2	1.1	9.0	9.3	9.4
33	St. Louis .....	976.4	991.6	993.8	3.0	3.0	2.9	41.8	47.3	45.8	211.4	218.6	219.4
34	Springfield .....	88.4	92.6	92.3	(2)	(2)	(2)	3.0	3.9	3.3	16.7	18.6	18.7
35	<b>MONTANA</b> .....	271.3	273.6	272.3	8.6	6.9	6.8	11.8	11.4	10.1	19.9	20.7	20.3
36	<b>NEBRASKA</b> .....	598.3	605.4	601.1	1.5	1.5	1.3	10.7	20.5	16.8	81.7	84.4	84.4
37	Lincoln .....	94.9	96.4	95.4	(2)	(2)	(2)	2.5	2.6	2.4	11.3	11.9	11.8
38	Omaha .....	257.1	261.9	260.9	(2)	(2)	(2)	8.0	8.3	7.1	31.1	33.8	33.8
39	<b>NEVADA</b> .....	405.1	424.6	424.7	6.1	6.6	6.6	19.9	23.2	22.9	18.1	19.0	18.9
40	Las Vegas .....	228.7	240.0	240.9	.4	.4	.4	12.2	13.6	13.7	6.5	7.0	7.0
41	Reno .....	113.5	118.2	118.2	.6	.8	.8	4.8	6.1	5.9	7.5	7.9	7.9
42	<b>NEW HAMPSHIRE</b> .....	391.7	400.5	402.1	(2)	(2)	(2)	22.9	24.5	23.5	110.0	115.3	115.7
43	Manchester .....	76.5	78.2	78.4	(2)	(2)	(2)	3.2	3.2	3.2	16.4	17.2	17.0
44	Nashua .....	69.5	72.7	73.2	(2)	(2)	(2)	3.0	3.3	3.2	31.8	34.2	34.5
45	<b>NEW JERSEY</b> .....	3,089.6	3,147.9	3,152.6	2.2	2.3	2.3	109.9	115.4	114.8	705.9	719.0	714.6
46	Atlantic City .....	100.5	104.4	103.4	-	-	-	4.4	4.4	4.4	7.1	7.0	7.0
47	Camden <sup>5</sup> .....	348.3	350.6	352.9	.1	.1	.1	12.9	13.8	13.5	67.3	69.1	69.1
48	Hackensack <sup>6</sup> .....	405.6	402.5	401.6	(1)	(1)	(1)	13.7	13.5	13.8	101.6	99.8	98.2
49	Jersey City <sup>7</sup> .....	213.2	215.8	215.3	-	-	-	4.1	3.9	3.7	57.1	60.0	58.3
50	Long Branch—Asbury Park .....	167.9	170.7	171.3	(1)	(1)	(1)	6.7	7.6	7.8	23.2	22.4	22.5
51	New Bruns.—Perth Amboy—Sayreville <sup>8</sup> .....	295.3	293.8	295.2	(1)	(1)	(1)	10.1	9.9	9.9	78.4	77.1	77.6
52	Newark <sup>9</sup> .....	944.1	954.0	955.2	.8	.9	.9	31.8	29.8	30.0	224.7	228.4	227.1
53	Paterson—Clifton—Passaic <sup>10</sup> .....	188.5	192.9	193.5	(1)	(1)	(1)	7.0	8.6	8.6	61.6	64.1	63.9
54	Trenton .....	162.3	163.3	163.3	(1)	(1)	(1)	3.0	2.8	2.8	29.4	30.2	30.1
55	Vineland—Millville—Bridgeton .....	52.1	50.5	49.6	(1)	(1)	(1)	1.5	1.4	1.4	16.0	14.6	13.7
56	<b>NEW MEXICO</b> .....	476.5	485.0	485.9	23.3	21.4	21.6	30.8	35.0	33.8	33.7	34.3	34.2
57	Albuquerque .....	192.3	198.4	199.1	(1)	(1)	(1)	11.4	12.5	12.2	18.1	18.7	18.7
58	Las Cruces .....	32.0	33.7	33.8	(1)	(1)	(1)	1.6	2.0	2.0	2.7	3.0	2.9
59	<b>NEW YORK</b> .....	7,261.7	7,309.4	7,331.8	6.3	6.8	6.5	215.5	226.9	217.1	1,315.9	1,327.2	1,315.6
60	Albany—Schenectady—Troy .....	335.0	336.7	336.3	(1)	(1)	(1)	10.0	11.4	10.9	51.0	52.0	51.7
61	Binghamton .....	116.7	117.4	118.0	(1)	(1)	(1)	3.4	4.2	4.1	42.5	41.6	42.1
62	Buffalo .....	470.2	463.7	464.0	(1)	(1)	(1)	15.2	16.0	14.7	104.8	102.7	101.8

See footnotes at end of table.

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	
119.1	118.1	118.5	587.9	580.1	592.1	167.9	171.5	172.1	693.0	708.4	705.6	373.4	373.7	375.9	1
71.0	70.0	70.6	331.2	328.2	338.0	116.6	120.2	121.7	460.9	475.4	471.8	185.9	183.3	184.5	2
3.7	3.7	3.7	15.9	15.9	16.2	2.2	2.2	2.2	11.0	11.2	11.3	11.6	11.4	11.3	3
1.7	1.6	1.6	11.7	10.7	10.8	2.9	2.7	2.6	9.1	8.7	8.2	7.1	6.7	6.7	4
4.8	4.8	4.5	22.8	23.5	23.9	4.3	4.4	4.4	19.9	20.7	20.8	16.3	16.0	16.0	5
3.3	3.3	3.3	17.0	16.4	16.9	2.2	2.3	2.3	13.6	13.7	13.6	12.2	12.1	12.1	6
2.2	2.1	2.1	12.4	12.1	12.3	2.1	2.2	2.2	10.8	11.2	11.3	10.7	10.8	10.8	7
8.7	8.3	8.5	49.3	48.0	49.0	13.3	13.6	13.6	48.7	48.9	49.1	47.7	50.7	50.7	8
7.2	7.0	6.9	34.6	33.5	34.0	10.3	10.2	10.1	38.2	40.8	40.3	23.2	23.1	23.0	9
137.3	136.8	136.5	709.3	696.7	713.4	150.2	151.2	151.9	655.0	662.9	665.2	587.0	587.9	579.4	10
3.1	3.1	3.1	21.0	20.5	21.1	3.8	4.2	4.3	25.6	25.8	26.1	46.6	48.2	47.8	11
2.2	2.1	2.1	10.4	11.4	11.7	4.0	4.1	4.0	12.0	12.4	12.4	12.0	12.2	12.2	12
1.6	1.5	1.4	8.7	8.7	8.7	1.3	1.3	1.3	6.6	6.5	6.5	4.9	4.6	4.6	13
2.0	2.0	1.9	11.0	10.6	10.8	1.9	1.9	1.9	11.4	12.0	11.8	7.6	8.2	8.3	14
72.7	71.9	72.1	359.6	351.5	359.6	86.6	87.5	87.8	353.8	362.1	361.8	229.6	226.0	223.8	15
6.2	5.6	5.7	38.5	40.9	42.1	6.3	6.3	6.4	29.2	30.4	30.5	27.6	29.4	28.9	16
11.2	11.3	11.3	65.6	65.7	66.8	10.8	10.9	10.9	51.6	51.8	51.4	29.6	29.2	28.9	17
5.0	5.0	5.0	10.0	9.7	10.1	1.5	1.6	1.6	9.5	9.6	9.6	7.9	8.2	8.3	18
3.8	3.6	3.6	22.3	21.7	22.0	3.9	4.0	4.0	21.7	21.2	21.6	20.2	21.0	20.0	19
5.2	5.2	5.2	37.0	37.3	37.6	9.5	9.5	9.4	30.3	32.3	32.5	64.1	66.7	60.5	20
2.9	2.9	2.9	11.2	11.2	11.3	1.5	1.5	1.5	10.8	10.9	10.9	9.3	9.5	9.3	21
4.4	4.5	4.5	17.6	17.5	17.9	3.8	3.6	3.6	14.2	14.8	14.9	11.8	12.2	12.3	22
95.2	94.8	95.1	434.0	443.2	450.6	97.7	99.8	100.6	381.7	395.7	397.3	290.6	293.7	292.5	23
5.0	5.5	5.5	14.5	14.6	14.7	2.0	2.1	2.1	13.5	13.7	13.5	11.7	11.0	11.1	24
60.6	59.6	59.9	265.4	268.3	272.6	72.7	73.8	73.9	249.7	257.9	258.2	151.5	156.1	155.6	25
1.8	1.9	1.9	10.2	10.6	10.6	1.5	1.6	1.6	21.0	21.5	21.4	5.6	5.5	5.5	26
3.4	3.3	3.3	15.4	16.2	16.3	2.0	2.1	2.1	10.8	11.0	11.0	11.9	12.0	12.0	27
39.4	39.3	38.6	166.4	164.5	167.4	32.9	33.1	33.2	123.6	124.2	123.9	182.0	181.5	181.5	28
10.2	9.9	9.9	35.7	35.4	36.0	11.3	11.4	11.3	31.1	31.4	31.2	34.6	35.0	35.0	29
128.4	127.5	126.6	463.6	462.0	464.5	107.7	105.7	105.9	402.1	410.4	407.5	328.2	333.7	332.3	30
48.7	47.2	47.2	157.1	158.8	159.9	43.5	44.4	44.6	129.0	132.7	131.7	89.9	88.7	88.5	31
2.1	1.8	1.8	9.1	9.0	9.0	2.1	2.1	2.1	7.2	7.2	7.1	6.1	6.1	6.0	32
68.0	68.7	68.3	234.4	231.5	236.0	58.2	57.8	57.8	223.2	229.1	228.6	136.4	135.6	135.0	33
7.0	7.1	7.1	24.7	25.5	25.8	3.7	3.6	3.6	21.1	22.3	22.1	12.2	11.6	11.7	34
20.8	20.0	20.0	72.9	72.4	73.3	12.5	12.9	12.9	54.8	53.9	53.9	69.9	75.5	75.1	35
42.9	42.5	42.2	158.1	156.6	157.5	41.2	41.6	41.7	123.4	123.6	122.2	129.8	134.8	135.1	36
6.7	6.6	6.5	21.1	20.6	20.6	7.0	7.1	7.1	18.0	19.1	18.6	28.2	28.5	28.5	37
22.6	22.6	22.5	67.8	67.0	67.6	23.8	24.1	24.2	63.0	63.2	62.7	40.8	43.0	43.1	38
24.6	24.3	24.4	82.4	85.7	87.3	18.0	18.5	18.6	177.4	188.5	186.9	58.6	58.8	59.1	39
13.8	13.7	13.7	46.9	49.0	50.1	10.3	10.7	10.8	110.7	117.7	117.1	27.9	27.9	28.1	40
8.0	7.9	8.0	25.7	26.3	27.0	6.0	6.1	6.1	44.0	46.2	45.5	16.9	16.9	17.0	41
14.8	15.1	15.1	89.7	88.9	90.4	21.0	21.1	21.2	76.6	79.1	79.6	56.7	56.5	56.6	42
5.0	5.3	5.3	20.6	20.8	21.2	6.3	6.4	6.3	16.2	16.5	16.6	8.8	8.8	8.8	43
2.1	2.2	2.3	13.8	14.2	14.3	2.1	2.1	2.1	10.9	11.1	11.1	5.8	5.6	5.7	44
198.4	201.3	200.4	718.1	723.7	736.7	167.7	168.2	168.6	659.6	683.4	680.3	527.9	534.6	534.9	45
4.6	4.9	4.8	18.7	18.9	18.7	4.7	4.9	4.8	44.6	47.5	47.0	16.3	16.8	16.7	46
15.8	15.6	15.7	93.0	92.9	94.9	17.3	17.5	17.5	73.4	73.3	73.6	68.6	68.3	68.5	47
21.3	21.4	21.3	124.4	122.7	124.7	19.2	19.6	19.6	80.9	81.4	80.9	44.5	44.1	43.1	48
24.5	24.3	24.4	45.7	46.2	46.7	8.2	8.1	8.2	33.5	32.9	33.1	40.1	40.4	40.9	49
6.5	6.8	6.7	43.0	44.3	44.5	8.0	8.1	8.2	45.0	46.6	46.5	35.4	34.9	35.1	50
24.6	24.7	24.4	73.6	72.0	73.2	13.5	13.9	14.0	46.8	48.5	48.2	48.3	47.7	47.9	51
74.6	75.4	74.9	187.6	189.8	192.7	68.2	67.4	68.2	209.4	215.4	214.5	146.9	146.9	146.9	52
6.7	6.7	6.9	43.4	43.0	44.2	9.6	9.1	9.0	34.8	35.5	35.2	25.5	25.9	25.7	53
5.4	5.3	5.3	26.6	26.1	26.9	8.0	8.2	8.2	43.0	42.8	42.3	47.0	47.9	47.7	54
2.7	2.8	2.7	9.6	8.8	8.9	2.7	2.7	2.7	8.9	9.2	9.1	10.8	11.0	11.1	55
30.3	29.0	29.2	114.3	114.9	117.1	21.9	23.0	23.0	95.0	97.7	98.1	127.2	129.7	128.9	56
12.3	11.6	11.6	49.4	50.3	51.3	11.0	11.6	11.7	47.6	50.0	50.1	42.5	43.7	43.5	57
1.3	1.2	1.3	6.2	6.7	6.9	1.2	1.3	1.2	4.3	4.6	4.6	14.7	14.9	14.9	58
420.7	411.3	413.4	1,501.9	1,500.0	1,533.2	673.0	682.7	685.5	1,832.8	1,866.9	1,868.8	1,295.7	1,287.6	1,291.8	59
14.9	14.2	14.2	67.9	68.6	69.9	16.5	16.5	16.4	75.7	77.3	76.2	99.0	96.7	96.8	60
4.5	4.4	4.5	21.2	21.4	21.8	3.9	3.9	4.0	19.5	19.8	19.7	21.7	21.9	21.9	61
25.7	24.6	24.6	112.3	109.3	111.0	22.5	22.7	22.7	105.9	106.5	106.5	83.8	82.0	82.9	62



# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P
<b>NEW YORK—Continued</b>												
1 Elmira .....	33.7	33.9	33.9	(1)	(1)	(1)	.9	1.3	1.2	8.1	7.9	7.9
2 Monroe County <sup>7</sup> .....	343.2	338.6	337.1	(1)	(1)	(1)	7.9	8.7	8.2	133.5	127.8	127.0
3 Nassau—Suffolk <sup>8</sup> .....	955.7	969.5	974.9	(1)	(1)	(1)	37.8	38.8	38.3	166.5	168.8	168.5
4 New York—Northeastern New Jersey .....	6,832.6	6,871.7	6,898.6	2.3	2.5	2.6	210.6	212.1	210.6	1,219.5	1,229.4	1,217.0
5 New York and Nassau—Suffolk <sup>8</sup> .....	4,785.8	4,812.8	4,837.8	1.9	1.9	1.9	143.8	146.3	144.6	696.1	700.1	691.9
6 New York SMSA <sup>9</sup> .....	3,830.1	3,843.2	3,862.9	1.7	1.7	1.7	106.0	107.5	106.3	529.6	531.3	523.4
7 New York City <sup>9</sup> .....	3,373.5	3,388.2	3,405.3	1.4	1.4	1.5	85.7	86.5	85.8	443.5	445.4	437.8
8 Poughkeepsie .....	104.9	104.6	105.2	(1)	(1)	(1)	2.7	2.9	2.8	35.1	34.1	34.5
9 Rochester .....	418.3	415.1	412.9	(1)	(1)	(1)	9.7	10.8	10.2	151.5	147.7	146.2
10 Rockland County <sup>8</sup> .....	84.4	84.8	85.1	(1)	(1)	(1)	2.7	3.0	2.9	15.8	15.6	15.5
11 Syracuse .....	259.9	264.4	264.5	(1)	(1)	(1)	12.8	13.8	13.2	53.5	57.1	57.2
12 Utica—Rome .....	110.6	112.4	112.3	(1)	(1)	(1)	1.9	2.6	2.2	26.3	27.3	27.2
13 Westchester County <sup>7</sup> .....	359.7	357.9	360.2	(1)	(1)	(1)	16.9	17.3	16.9	68.9	68.8	68.7
14 <b>NORTH CAROLINA</b> .....	2,352.4	2,412.7	2,416.8	4.5	4.9	4.8	102.5	107.1	106.8	770.3	800.7	801.5
15 Asheville .....	70.0	71.5	70.8	(1)	(1)	(1)	2.5	3.0	2.8	20.0	20.4	20.4
16 Charlotte—Gastonia .....	335.1	340.8	342.9	(1)	(1)	(1)	16.3	17.8	17.9	90.0	91.5	91.6
17 Greensboro—Winston-Salem—High Pt. .....	383.9	392.1	393.3	(1)	(1)	(1)	15.7	17.2	17.3	141.9	145.0	144.8
18 Raleigh—Durham .....	281.8	289.4	291.4	(1)	(1)	(1)	13.7	14.8	14.5	45.3	47.2	47.9
19 <b>NORTH DAKOTA</b> .....	249.6	254.4	252.0	7.9	6.9	6.9	15.4	19.0	16.1	14.6	15.3	15.1
20 Fargo—Moorhead .....	62.6	64.4	64.0	(2)	(2)	(2)	2.6	3.1	2.6	4.5	4.7	4.5
21 <b>OHIO</b> .....	4,102.5	4,187.0	4,183.3	29.0	29.9	29.5	129.5	138.1	127.7	1,043.9	1,119.4	1,115.6
22 Akron .....	250.4	256.1	256.1	(*)	(*)	(*)	7.0	7.6	6.9	65.3	68.4	68.3
23 Canton .....	147.3	150.9	150.7	(*)	(*)	(*)	4.6	5.3	5.0	44.7	46.9	46.8
24 Cincinnati .....	574.8	583.0	581.2	(*)	(*)	(*)	18.5	20.6	19.3	145.0	149.4	146.0
25 Cleveland .....	837.3	837.7	840.1	(*)	(*)	(*)	24.4	25.7	24.0	210.3	216.4	216.9
26 Columbus .....	504.0	515.1	516.1	(*)	(*)	(*)	14.5	15.5	14.3	84.6	90.6	89.7
27 Dayton .....	336.4	343.6	344.2	(*)	(*)	(*)	9.2	9.9	9.2	83.4	90.3	90.7
28 Toledo .....	282.8	293.2	293.5	(*)	(*)	(*)	10.5	10.4	9.7	65.4	74.4	74.6
29 Youngstown—Warren .....	177.8	186.0	185.9	(*)	(*)	(*)	5.0	5.3	4.7	48.6	56.4	56.9
30 <b>OKLAHOMA</b> .....	1,218.6	1,206.5	1,210.8	93.9	77.1	78.1	53.3	49.8	48.2	170.6	172.6	173.1
31 Enid .....	27.9	28.3	28.3	3.3	3.1	3.1	1.8	2.0	1.8	2.2	2.3	2.3
32 Lawton .....	31.0	31.1	31.5	(1)	(1)	(1)	1.4	1.4	1.5	3.1	3.2	3.2
33 Oklahoma City .....	451.1	457.7	460.0	34.7	31.1	31.1	18.9	19.1	18.9	51.8	57.6	57.9
34 Tulsa .....	318.8	313.3	312.8	28.8	26.6	26.4	15.2	14.9	14.8	58.5	54.3	54.2
35 <b>OREGON</b> .....	950.2	964.7	957.9	1.2	1.4	1.5	26.4	29.0	25.9	180.0	188.4	185.5
36 Eugene—Springfield .....	89.3	92.3	90.9	(1)	(1)	(1)	2.3	2.1	1.9	16.5	18.6	17.7
37 Medford .....	-	-	-	-	-	-	-	-	-	6.2	7.8	7.8
38 Portland .....	517.8	515.3	515.7	(1)	(1)	(1)	15.9	15.3	14.9	95.7	95.1	94.9
39 Salem .....	78.9	83.1	79.8	(1)	(1)	(1)	2.4	2.6	2.5	9.9	13.0	10.2
40 <b>PENNSYLVANIA</b> .....	4,475.7	4,539.2	4,540.0	38.6	43.5	43.2	156.5	159.0	150.1	1,091.6	1,117.8	1,118.6
41 Allentown—Bethlehem—Easton .....	246.9	247.7	248.5	(1)	(1)	(1)	7.4	7.3	7.0	87.7	87.5	87.8
42 Altoona .....	45.0	45.7	45.4	(1)	(1)	(1)	1.7	1.8	1.6	10.6	11.2	11.2
43 Delaware Valley <sup>10</sup> .....	1,556.7	1,573.5	1,577.6	(1)	(1)	(1)	53.1	57.3	56.6	319.3	321.9	322.4
44 Erie .....	104.4	104.7	104.4	(1)	(1)	(1)	2.9	2.8	2.8	33.9	34.7	34.4
45 Harrisburg .....	217.8	223.1	223.2	(1)	(1)	(1)	6.8	6.9	6.6	38.8	40.6	40.9
46 Johnstown .....	73.1	75.0	75.5	5.3	6.6	6.5	2.2	2.3	2.1	12.2	12.8	12.8
47 Lancaster .....	148.5	152.8	153.1	(1)	(1)	(1)	5.7	6.0	5.8	53.6	55.8	55.8
48 Northeast Pennsylvania .....	228.9	231.2	230.2	.9	.8	.7	10.5	8.1	7.3	60.9	62.5	62.3
49 Philadelphia SMSA .....	1,903.4	1,924.4	1,930.3	(1)	(1)	(1)	65.8	71.0	70.0	386.4	390.9	391.8
50 Philadelphia City <sup>11</sup> .....	757.8	755.7	755.6	(1)	(1)	(1)	17.3	19.0	19.0	112.7	114.8	114.4
51 Pittsburgh .....	855.8	850.2	848.5	6.8	7.9	7.9	39.9	40.6	37.1	171.0	166.2	166.9
52 Reading .....	134.3	140.6	141.4	(1)	(1)	(1)	4.0	4.3	4.1	48.2	53.7	54.0
53 Sharon .....	39.8	39.3	39.4	(1)	(1)	(1)	1.0	.9	.8	10.9	10.3	10.6
54 State College .....	44.5	47.4	44.9	-	-	-	1.0	1.1	.8	6.9	7.2	7.3
55 Williamsport .....	43.3	44.1	44.0	(1)	(1)	(1)	1.2	1.2	1.2	13.8	14.6	14.4
56 York .....	147.3	151.6	151.1	(1)	(1)	(1)	5.7	5.6	5.4	56.9	59.4	59.1
57 <b>RHODE ISLAND</b> .....	391.4	401.8	400.9	(1)	(1)	(1)	12.1	12.9	12.6	115.7	121.6	119.9
58 Providence—Warwick—Pawtucket .....	396.0	407.0	406.2	(1)	(1)	(1)	12.1	13.1	12.7	127.8	134.4	132.4
59 <b>SOUTH CAROLINA</b> .....	1,159.7	1,180.8	1,184.7	1.7	1.7	1.8	65.6	68.7	68.7	351.1	361.2	361.1
60 Charleston—North Charleston .....	151.9	154.2	155.2	-	-	-	11.1	11.0	10.9	19.2	19.9	20.2
61 Columbia .....	182.2	187.1	187.3	-	-	-	9.0	11.6	12.0	25.4	26.4	26.5
62 Greenville—Spartanburg .....	256.3	261.5	262.5	-	-	-	15.5	14.6	14.4	94.7	95.6	95.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	
1.4	1.3	1.3	8.5	8.6	8.8	1.1	1.1	1.1	7.6	7.5	7.5	6.2	6.1	6.1	1
10.5	10.0	9.9	64.4	64.1	65.0	14.6	14.7	14.7	73.4	74.7	73.3	38.9	38.7	39.0	2
43.2	44.0	44.0	255.3	257.8	263.7	52.7	52.6	52.7	227.8	235.9	235.1	172.4	171.6	172.6	3
468.2	463.4	464.2	1,461.7	1,453.8	1,483.6	685.3	691.6	695.1	1,714.4	1,748.0	1,751.4	1,070.6	1,070.9	1,074.1	4
316.5	310.9	312.3	987.1	980.2	1,002.1	566.6	573.5	576.1	1,308.5	1,334.2	1,339.4	765.3	765.7	769.4	5
273.3	267.0	268.3	731.8	722.3	738.4	513.9	520.9	523.4	1,080.9	1,098.4	1,104.5	592.9	594.1	596.8	6
249.4	243.3	244.3	621.4	615.0	628.0	490.8	497.7	500.1	966.4	981.7	988.1	514.8	517.1	519.6	7
3.0	2.9	2.9	17.3	17.5	17.9	3.0	3.1	3.1	20.1	20.5	20.4	23.6	23.6	23.6	8
13.0	12.5	12.4	81.9	81.5	82.7	16.2	16.2	16.2	86.0	86.8	85.3	60.0	59.6	59.9	9
3.5	3.5	3.5	18.8	18.3	18.6	2.8	2.9	2.9	19.4	20.3	20.2	21.4	21.2	21.5	10
14.8	14.5	14.6	57.8	57.9	58.3	16.8	17.1	17.0	56.9	56.9	57.0	47.4	47.2	47.1	11
4.0	3.9	3.9	22.7	23.6	24.0	5.6	5.7	5.8	21.7	21.7	21.5	28.4	27.6	27.6	12
19.8	19.6	20.0	88.5	86.1	88.9	19.8	19.8	19.9	92.3	93.6	93.2	53.4	52.6	52.7	13
115.4	115.7	115.7	487.6	495.3	501.6	97.9	100.2	100.4	361.7	369.8	368.3	412.5	419.0	417.7	14
3.5	3.6	3.6	16.0	16.3	16.6	2.1	2.3	2.3	14.0	14.4	13.7	11.9	11.5	11.4	15
32.0	31.6	31.6	82.9	83.2	84.7	22.2	21.6	21.6	55.7	58.6	58.9	36.0	36.5	36.6	16
20.1	21.1	21.1	81.2	81.5	82.9	18.0	18.4	18.3	58.3	59.3	59.2	48.7	49.6	49.7	17
14.3	14.7	14.7	54.6	55.2	56.9	15.1	15.8	15.8	63.6	64.8	64.6	75.2	76.9	77.0	18
16.6	16.5	16.4	66.9	66.3	66.7	11.8	11.9	11.9	54.7	56.1	56.2	61.7	62.4	62.7	19
4.0	3.8	3.8	18.5	18.8	19.0	3.8	3.9	3.9	15.8	16.3	16.4	13.4	13.8	13.8	20
203.6	197.0	198.0	959.4	939.0	951.5	207.3	210.0	210.5	861.7	884.1	880.7	668.2	669.7	669.8	21
12.9	12.8	12.8	60.2	60.0	60.9	9.3	9.4	9.5	51.9	54.1	53.9	43.2	43.3	43.3	22
6.2	6.1	6.0	34.6	34.5	34.8	6.4	6.6	6.7	31.1	31.6	31.6	18.4	18.5	18.4	23
31.7	31.2	31.3	142.3	139.2	141.4	32.6	32.3	32.4	124.5	130.5	131.2	79.7	79.4	79.1	24
43.2	41.5	42.2	200.6	194.1	197.0	48.0	47.7	47.8	193.9	197.8	197.2	115.6	113.3	113.9	25
23.2	22.2	22.8	124.9	124.2	126.0	42.1	43.3	43.4	111.0	114.9	114.7	103.1	103.6	104.4	26
12.3	12.3	12.2	74.5	72.1	73.5	13.4	13.7	13.8	75.3	77.4	76.9	68.1	67.6	67.6	27
17.8	17.4	17.3	66.4	64.7	65.4	10.8	11.1	11.1	64.4	66.2	66.3	47.1	48.5	48.6	28
8.0	7.9	7.7	44.4	42.7	43.2	7.1	7.3	7.3	39.6	40.9	40.7	24.1	24.4	24.3	29
70.6	67.6	67.3	305.0	302.6	307.7	62.7	63.9	64.0	218.3	226.9	226.5	244.2	246.0	245.9	30
2.8	2.9	2.9	7.7	7.8	8.0	1.2	1.2	1.2	5.1	5.2	5.2	3.8	3.8	3.8	31
1.4	1.5	1.5	7.6	7.5	7.7	1.4	1.5	1.5	5.4	5.4	5.5	10.7	10.6	10.6	32
25.5	25.1	25.1	115.7	117.1	118.8	27.8	28.5	28.7	82.4	85.3	85.4	94.3	93.9	94.1	33
23.2	22.7	22.6	74.8	73.0	74.0	16.3	16.6	16.6	67.6	70.4	69.9	34.4	34.8	34.3	34
56.7	55.6	55.3	242.1	245.6	247.2	63.8	63.8	63.8	184.4	185.0	185.0	195.6	195.9	193.7	35
4.7	4.8	4.7	22.0	22.9	23.1	4.4	4.4	4.4	18.4	18.2	18.0	21.0	21.3	21.1	36
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37
35.3	34.2	34.9	138.3	138.4	138.6	43.5	42.9	42.9	108.1	108.2	108.8	81.0	81.2	80.7	38
2.7	2.6	2.7	18.3	18.7	18.8	5.4	5.5	5.5	14.6	14.6	14.4	25.6	26.1	25.7	39
244.7	248.7	247.7	979.5	989.9	1,005.6	236.6	240.2	240.1	1,050.2	1,065.7	1,064.3	678.0	674.4	670.4	40
13.1	12.9	12.9	51.5	50.4	51.4	9.5	9.6	9.6	48.9	51.4	51.3	28.8	28.6	28.5	41
5.4	5.5	5.5	10.3	10.0	10.1	1.4	1.4	1.4	9.0	9.3	9.2	6.6	6.5	6.4	42
79.3	78.0	77.2	340.4	348.6	352.7	109.6	110.5	110.9	428.2	433.5	434.6	226.8	223.7	223.2	43
4.5	4.5	4.5	21.7	21.1	21.3	4.8	4.8	4.9	23.9	24.5	24.2	12.7	12.3	12.3	44
15.4	15.9	15.8	45.5	46.9	47.2	12.9	13.4	13.4	42.2	43.1	43.0	56.2	56.3	56.3	45
5.0	5.0	5.0	15.0	15.1	15.5	3.9	3.9	4.0	16.4	16.9	17.1	13.1	12.4	12.5	46
6.3	6.1	5.8	35.1	35.9	36.9	5.6	5.5	5.5	28.1	28.8	28.6	14.1	14.7	14.7	47
12.6	12.5	12.3	49.5	51.5	52.0	10.0	10.1	10.1	48.5	49.9	49.4	36.0	35.8	36.1	48
94.7	93.7	92.9	433.3	441.7	447.6	126.9	128.1	128.3	501.1	506.9	508.1	295.2	292.1	291.6	49
49.4	48.4	47.6	141.6	142.4	143.5	65.2	63.2	63.1	230.4	228.2	229.4	141.2	138.7	138.6	50
50.1	50.5	50.5	205.9	202.1	204.3	46.2	46.6	46.2	227.9	230.4	229.8	108.0	105.9	105.8	51
6.4	6.2	6.2	27.6	28.0	28.6	6.2	6.3	6.3	25.0	25.0	25.1	16.9	17.1	17.1	52
2.6	2.5	2.5	9.2	9.3	9.3	1.3	1.3	1.3	9.5	9.7	9.7	5.3	5.3	5.2	53
1.1	1.2	1.2	8.8	9.0	8.9	1.3	1.3	1.3	6.4	6.5	6.5	18.8	20.8	18.6	54
2.2	2.2	2.1	9.6	9.3	9.4	2.1	2.2	2.2	8.3	8.4	8.4	6.1	6.2	6.3	55
6.5	7.0	6.9	33.5	34.6	34.8	4.0	4.0	4.0	23.0	23.3	23.3	17.7	17.7	17.6	56
13.3	13.0	13.0	80.3	82.3	83.2	21.3	21.6	21.6	91.1	93.4	93.3	57.6	57.0	57.3	57
12.9	12.5	12.5	79.2	80.7	81.9	21.0	21.4	21.3	88.8	91.4	91.6	54.2	53.5	53.8	58
54.1	56.1	56.3	234.3	233.8	238.3	49.9	51.6	52.0	167.8	174.0	173.6	235.2	233.7	232.9	59
9.4	9.0	9.2	35.0	35.0	35.8	6.8	7.2	7.1	26.6	26.5	26.5	43.8	45.6	45.5	60
9.6	9.3	9.3	38.1	38.2	38.4	14.3	14.9	14.9	29.9	30.7	30.7	55.6	55.7	55.2	61
9.6	8.9	8.9	55.1	54.9	56.4	10.3	10.7	10.9	35.9	40.4	40.0	34.9	36.1	35.8	62

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P
1 <b>SOUTH DAKOTA</b> .....	228.7	236.0	233.7	2.7	2.9	2.7	7.3	9.2	7.7	24.1	27.0	26.5
2   Sioux Falls .....	54.8	57.2	56.9	(2)	(2)	(2)	2.0	2.6	2.2	7.5	8.9	8.7
3 <b>TENNESSEE</b> .....	1,668.1	1,720.7	1,713.5	9.5	9.0	9.0	66.7	73.0	69.9	456.5	485.3	482.5
4   Chattanooga .....	164.6	167.0	165.3	1.3	1.3	1.3	6.1	7.2	6.8	43.0	42.8	42.8
5   Knoxville .....	203.0	205.1	204.7	1.5	1.3	1.3	8.9	11.2	11.0	48.6	50.0	50.0
6   Memphis .....	345.1	347.4	347.8	.1	.2	.1	11.6	11.9	11.8	51.9	52.1	51.8
7   Nashville—Davidson .....	366.5	370.2	370.9	(1)	(1)	(1)	18.3	20.2	20.1	75.3	79.9	80.3
8 <b>TEXAS</b> .....	6,219.7	6,231.7	6,263.4	297.8	291.2	292.7	409.1	385.6	378.5	1,005.9	1,010.8	1,016.1
9   Abilene .....	60.2	61.0	61.0	5.0	5.1	5.1	3.4	3.6	3.6	6.8	6.0	5.6
10   Amarillo .....	78.8	79.8	80.3	(1)	(1)	(1)	3.1	3.1	2.9	10.4	11.0	10.9
11   Austin .....	272.9	275.6	278.0	(1)	(1)	(1)	14.9	15.6	16.1	33.5	34.3	34.4
12   Beaumont—Port Arthur—Orange .....	146.9	144.3	145.1	(1)	(1)	(1)	11.0	10.0	9.8	34.3	33.5	33.5
13   Brownsville—Harlingen—San Benito .....	58.2	59.1	59.4	(1)	(1)	(1)	3.4	3.4	3.4	8.9	8.8	8.7
14   Bryan—College Station .....	44.0	45.2	45.3	1.6	1.5	1.6	2.7	2.8	3.1	3.0	3.2	3.1
15   Corpus Christi .....	133.5	133.3	133.5	9.2	8.8	8.8	12.4	12.2	12.2	14.8	15.0	14.9
16   Dallas—Fort Worth .....	1,549.4	1,601.8	1,610.0	32.8	32.5	32.6	83.2	87.9	87.1	307.2	313.3	314.5
17   El Paso .....	164.9	165.4	166.5	(1)	(1)	(1)	7.9	7.8	7.7	37.4	38.3	38.4
18   Galveston—Texas City .....	68.7	69.8	69.6	(1)	(1)	(1)	4.7	5.4	5.2	11.1	10.6	10.6
19   Houston .....	1,570.3	1,555.8	1,560.4	102.6	105.1	105.9	141.8	135.5	132.3	238.8	222.1	221.8
20   Killeen—Temple .....	60.3	62.6	63.4	(1)	(1)	(1)	3.0	3.8	3.8	7.7	8.6	8.8
21   Laredo .....	31.1	30.0	30.2	(1)	(1)	(1)	1.5	1.2	1.2	1.8	1.9	1.9
22   Longview—Marshall .....	68.5	68.1	68.4	(1)	(1)	(1)	4.6	4.3	4.3	16.5	16.0	15.9
23   Lubbock .....	90.2	90.9	91.2	(1)	(1)	(1)	4.2	4.1	3.9	11.4	10.2	10.3
24   McAllen—Pharr—Edinburg .....	79.3	79.4	80.5	1.7	1.6	1.6	5.7	5.8	5.8	8.9	9.7	10.0
25   Midland .....	51.4	54.8	56.0	13.4	13.1	13.1	4.2	4.1	4.1	4.1	4.0	4.4
26   Odessa .....	56.0	57.1	57.9	7.9	8.3	8.3	5.2	5.6	5.7	6.9	6.0	6.0
27   San Angelo .....	36.3	36.1	36.1	.7	.6	.6	2.1	2.1	2.0	5.6	5.5	5.4
28   San Antonio .....	422.5	440.3	441.6	3.2	3.4	3.5	27.2	29.3	29.0	48.8	49.5	49.5
29   Sherman—Denison .....	33.3	33.7	33.5	.2	.2	.2	1.4	1.3	1.3	10.7	11.1	11.0
30   Texarkana .....	45.4	46.6	46.5	.2	.2	.2	2.0	2.4	2.2	8.4	8.5	8.4
31   Tyler .....	55.6	57.0	57.3	3.2	3.2	3.2	2.5	2.4	2.4	11.0	11.0	11.0
32   Waco .....	71.0	73.7	73.5	(1)	(1)	(1)	3.4	3.8	3.8	14.2	15.2	15.0
33   Wichita Falls .....	52.9	54.0	54.3	3.4	3.3	3.3	2.1	2.2	2.2	8.4	9.2	9.2
34 <b>UTAH</b> .....	563.1	573.0	572.6	16.0	14.1	14.1	27.2	28.5	25.5	83.1	87.6	87.7
35   Salt Lake City—Ogden .....	396.0	405.2	405.8	5.8	6.0	6.0	17.8	18.9	17.2	57.5	61.1	61.2
36 <b>VERMONT</b> .....	203.4	206.5	207.6	.6	.6	.6	9.5	12.1	10.7	48.4	49.0	48.8
37   Burlington <sup>12</sup> .....	60.9	62.4	62.4	-	-	-	-	-	-	15.7	15.8	15.9
38   Springfield <sup>12</sup> .....	14.0	13.2	13.2	-	-	-	-	-	-	5.0	4.2	4.1
39 <b>VIRGINIA</b> .....	2,140.2	2,190.5	2,198.5	20.8	21.8	21.8	98.5	110.3	108.4	394.4	412.4	408.8
40   Bristol .....	27.1	27.7	27.7	(1)	(1)	(1)	.9	1.1	1.1	8.7	8.6	8.8
41   Lynchburg .....	58.0	69.4	69.7	(1)	(1)	(1)	2.5	2.7	2.7	25.8	26.3	26.4
42   Newport News—Hampton .....	153.0	159.5	159.3	(1)	(1)	(1)	5.8	6.7	6.9	38.0	39.6	39.8
43   Norfolk—Virginia Beach—Portsmouth .....	292.7	303.3	304.4	(1)	(1)	(1)	17.1	19.3	19.4	26.1	26.8	26.7
44   Northern Virginia <sup>13</sup> .....	482.7	500.8	504.4	.5	.6	.6	24.4	27.7	27.2	22.5	25.5	25.8
45   Petersburg—Colonial Hgts.—Hopewell .....	43.3	42.2	41.9	(1)	(1)	(1)	1.9	2.1	2.1	8.5	7.2	7.0
46   Richmond .....	322.2	328.8	329.9	.3	.3	.3	14.9	15.5	15.1	54.1	55.9	55.0
47   Roanoke .....	101.3	105.5	105.8	.1	.1	.1	4.7	5.5	5.5	19.7	20.6	20.8
48 <b>WASHINGTON</b> .....	1,564.1	1,599.7	1,596.6	3.0	2.8	2.9	70.0	73.9	70.1	280.1	277.0	273.8
49 <b>WEST VIRGINIA</b> .....	595.7	596.1	596.1	52.9	50.9	51.0	27.0	27.2	25.1	93.1	93.9	93.2
50   Charleston .....	107.6	105.2	105.0	5.1	4.1	4.1	5.3	5.3	4.8	15.5	13.8	13.8
51   Huntington—Ashland .....	96.1	93.8	93.7	1.0	.9	.9	5.0	4.8	4.5	20.2	19.4	19.4
52   Parkersburg—Marietta .....	56.7	56.2	55.9	1.5	1.1	1.1	3.3	3.2	3.0	14.6	15.4	15.3
53   Wheeling .....	60.3	58.5	58.3	4.2	2.9	2.9	2.4	2.6	2.3	8.4	8.2	8.2
54 <b>WISCONSIN</b> .....	1,846.0	1,895.8	1,889.4	1.5	2.5	2.2	48.2	56.4	49.8	466.1	495.4	493.5
55   Appleton—Oshkosh .....	120.0	124.7	123.6	(1)	(1)	(1)	4.2	4.8	4.3	41.7	44.9	44.7
56   Eau Claire .....	47.7	49.2	48.8	(1)	(1)	(1)	1.1	1.1	1.1	8.5	8.9	8.6
57   Green Bay .....	78.7	81.7	81.3	(1)	(1)	(1)	2.8	3.4	3.0	20.7	21.2	20.9
58   Janesville—Beloit .....	49.1	51.9	51.9	(1)	(1)	(1)	1.0	1.2	1.2	16.9	19.2	19.1
59   Kenosha .....	41.9	43.4	43.1	(1)	(1)	(1)	1.6	1.3	1.2	16.6	18.6	18.9
60   La Crosse .....	46.0	47.6	47.4	(1)	(1)	(1)	.9	1.1	.9	9.6	9.9	9.9
61   Madison .....	169.4	175.4	173.8	(1)	(1)	(1)	4.3	5.4	5.1	18.2	19.0	18.3
62   Milwaukee .....	621.3	626.3	629.0	(1)	(1)	(1)	14.3	15.2	13.8	159.6	164.9	166.8
63   Racine .....	58.4	61.5	61.5	(1)	(1)	(1)	1.4	1.2	1.1	20.2	23.7	23.8

See footnotes at end of table.

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	
12.5	12.1	12.1	60.7	62.0	61.8	12.0	12.3	12.6	51.6	52.6	52.1	57.8	57.9	58.3	1
4.8	4.4	4.5	15.3	15.7	15.7	4.1	4.6	4.6	14.3	14.3	14.3	6.8	6.8	6.8	2
80.7	84.1	82.2	371.9	370.0	373.0	79.2	79.2	79.0	308.9	319.9	319.2	294.7	300.2	298.7	3
7.3	7.1	7.0	36.1	37.3	36.8	10.1	10.9	10.1	28.9	28.7	28.9	31.8	31.7	31.6	4
8.1	7.5	7.3	45.4	45.6	46.1	8.6	8.2	8.1	37.6	37.4	36.9	44.3	44.0	44.0	5
25.7	25.4	25.2	96.2	96.0	57.7	19.6	20.3	20.4	78.2	79.2	78.9	61.8	62.3	61.9	6
19.0	18.3	18.2	88.1	86.9	87.6	25.2	24.9	24.9	79.8	79.7	79.7	60.8	60.3	60.1	7
377.9	384.2	385.6	1,557.4	1,551.5	1,577.0	368.2	375.4	376.0	1,161.5	1,178.6	1,177.4	1,041.9	1,054.4	1,060.1	8
3.3	3.3	3.3	15.8	15.9	16.3	3.0	3.2	3.2	13.6	14.2	14.2	9.3	9.7	9.7	9
6.4	6.5	6.5	24.9	24.6	25.3	4.1	4.3	4.3	17.0	16.6	16.6	12.9	13.7	13.8	10
7.8	7.9	7.9	62.7	63.2	64.9	17.6	17.4	17.3	54.3	55.4	55.1	82.1	81.8	82.3	11
12.5	12.2	12.3	34.2	34.3	35.0	5.8	5.6	5.7	28.5	28.5	28.8	20.6	20.2	20.0	12
3.5	3.4	3.4	16.9	17.5	17.8	2.9	2.9	2.9	10.4	10.7	10.7	12.2	12.4	12.5	13
2.0	2.1	2.2	9.2	9.2	9.5	1.8	1.9	1.9	6.0	6.0	6.0	17.7	18.5	17.9	14
7.6	7.4	7.5	32.1	32.4	32.6	6.3	6.6	6.5	24.7	23.8	23.9	26.4	27.1	27.1	15
97.3	99.0	99.6	427.7	436.6	444.5	117.3	122.5	123.4	301.3	321.6	319.8	182.6	188.4	188.5	16
10.5	10.4	10.4	40.6	39.9	40.9	7.7	7.8	7.8	27.4	26.8	27.0	33.4	34.4	34.3	17
6.3	6.4	6.5	13.1	12.9	13.1	4.5	4.4	4.4	10.9	10.9	10.7	18.1	19.2	19.1	18
108.4	107.5	106.5	381.5	370.9	378.4	100.1	102.0	102.3	319.4	332.2	332.6	177.7	180.5	180.6	19
3.2	3.3	3.3	14.0	14.0	14.4	2.2	2.3	2.3	11.1	11.3	11.4	19.1	19.3	19.4	20
3.2	3.3	3.3	10.2	9.3	9.5	1.4	1.5	1.4	6.4	6.0	6.0	6.6	6.8	6.9	21
3.8	3.9	3.9	17.4	17.3	17.8	2.8	2.9	2.8	15.7	15.8	15.8	7.7	7.9	7.9	22
4.8	5.0	4.9	26.4	26.7	27.3	5.1	5.2	5.2	17.5	18.4	18.3	20.8	21.3	21.3	23
2.7	2.6	2.7	26.2	25.1	25.8	3.1	3.2	3.3	9.8	10.0	10.0	21.2	21.4	21.3	24
3.0	3.2	3.2	10.9	12.1	12.6	3.2	3.7	3.7	8.0	9.6	9.9	4.6	5.0	5.0	25
3.0	2.8	2.8	15.7	15.5	16.1	2.4	2.3	2.3	8.1	9.1	9.1	6.8	7.5	7.6	26
3.7	3.6	3.6	9.2	8.9	9.1	1.4	1.5	1.5	7.2	7.3	7.3	6.4	6.6	6.6	27
18.4	19.4	19.3	109.4	115.5	116.7	28.9	30.0	30.1	90.9	95.0	94.9	95.7	98.2	98.6	28
2.3	2.3	2.3	7.1	7.0	7.0	1.2	1.2	1.2	5.8	5.8	5.8	4.6	4.8	4.7	29
2.2	2.1	2.0	11.1	11.1	11.4	1.6	1.6	1.6	7.3	7.5	7.5	12.6	13.2	13.2	30
2.7	2.8	2.8	14.8	15.1	15.4	3.1	3.2	3.2	10.9	11.4	11.4	7.4	7.9	7.9	31
3.4	3.2	3.2	17.9	18.2	18.2	4.5	4.5	4.5	15.9	16.9	16.8	11.7	11.9	12.0	32
3.1	3.1	3.1	13.6	13.5	13.8	2.5	2.6	2.6	9.0	9.3	9.3	10.8	10.8	10.8	33
35.6	35.8	35.6	136.1	135.2	138.0	27.0	28.0	28.2	111.0	113.2	113.5	127.1	130.5	130.0	34
27.7	28.2	28.1	100.0	99.0	101.0	21.8	22.8	22.9	74.8	77.6	78.1	90.6	91.5	91.2	35
8.8	9.1	9.1	43.6	43.8	44.6	8.6	8.9	8.9	47.2	46.5	48.4	36.7	36.5	36.5	36
2.4	2.4	2.4	13.2	12.9	13.1	-	-	-	13.2	13.9	13.9	-	-	-	37
.7	.7	.7	2.4	2.4	2.5	-	-	-	2.9	2.7	2.8	-	-	-	38
116.8	117.5	118.7	472.2	474.0	484.7	105.8	109.3	109.9	429.6	436.1	435.7	502.1	509.2	510.5	39
1.1	1.1	1.1	6.8	6.9	6.8	.9	1.0	1.0	5.6	3.6	3.5	5.0	5.3	5.3	40
2.7	2.8	2.8	12.2	12.4	12.8	3.3	3.5	3.5	11.8	12.0	11.9	9.7	9.7	9.7	41
5.1	4.9	4.9	32.4	34.6	34.8	4.4	4.6	4.5	29.5	30.9	30.2	37.8	38.2	38.2	42
19.9	20.5	20.5	72.2	75.9	76.6	14.7	15.4	15.5	61.7	63.4	63.4	80.9	82.1	82.3	43
33.2	35.6	35.8	113.1	117.0	119.7	29.0	30.4	30.7	136.0	139.9	140.0	124.0	124.1	124.5	44
1.2	1.1	1.1	8.4	8.6	8.7	1.2	1.2	1.2	7.5	7.5	7.4	14.6	14.4	14.4	45
19.4	19.0	19.1	77.9	79.4	81.1	26.7	27.4	27.4	59.3	60.0	60.5	69.6	71.2	71.4	46
9.2	9.5	9.5	25.6	26.8	27.1	5.9	6.1	6.1	21.5	21.5	21.5	14.7	15.2	15.2	47
88.8	89.5	89.2	390.0	401.2	406.2	90.2	93.0	92.5	317.2	329.5	329.4	324.8	332.8	332.5	48
40.1	38.9	38.8	130.5	130.2	132.3	22.0	21.8	21.9	102.7	102.5	102.3	127.4	130.6	131.5	49
8.9	8.4	8.5	26.2	26.9	27.1	4.9	4.9	4.9	21.4	21.1	21.1	20.3	20.7	20.7	50
8.0	7.9	7.8	24.2	23.3	23.7	3.6	3.4	3.5	15.4	15.2	15.3	18.7	18.8	18.7	51
2.2	2.2	2.2	13.0	12.6	12.8	2.0	2.1	2.1	10.6	10.4	10.2	9.3	9.2	9.1	52
3.6	3.4	3.3	14.9	14.8	14.9	2.8	2.8	2.8	14.6	14.5	14.5	9.4	9.4	9.4	53
86.3	86.7	86.6	438.4	440.8	444.2	97.6	98.6	98.7	385.2	389.9	390.8	322.6	325.6	323.6	54
4.3	4.4	4.3	25.8	26.4	26.1	5.7	6.0	6.1	21.9	22.2	22.1	16.3	16.0	16.1	55
2.6	2.6	2.6	13.2	13.9	13.9	1.7	1.7	1.7	9.7	9.6	9.7	10.8	11.2	11.1	56
6.1	6.3	6.3	20.3	21.1	21.4	2.6	2.6	2.7	15.9	17.0	16.9	10.2	10.1	10.2	57
2.6	2.8	2.8	10.8	10.9	11.1	1.4	1.4	1.4	9.2	9.3	9.3	7.2	7.0	6.9	58
1.2	1.2	1.2	8.0	7.6	7.7	1.0	1.0	1.0	7.4	7.3	7.4	6.0	6.3	6.4	59
1.8	1.9	1.9	12.4	12.8	12.9	1.1	1.2	1.1	12.1	13.0	13.0	8.1	7.7	7.7	60
6.4	6.3	6.3	39.5	40.1	40.6	13.6	13.3	13.2	34.1	35.0	35.1	53.3	56.4	55.2	61
32.9	33.1	34.0	141.2	139.8	141.5	40.9	40.7	40.8	150.0	152.8	152.1	82.4	79.8	80.0	62
2.5	2.5	2.5	13.0	12.7	12.8	2.2	2.2	2.2	11.0	11.1	11.0	8.2	8.2	8.2	63

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued**

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P
1 WYOMING .....	210.7	215.4	215.3	37.7	37.4	37.5	15.0	22.3	22.0	9.3	9.6	9.2
2 PUERTO RICO .....	636.6	637.0	647.6	.7	.7	.8	22.1	23.4	24.2	140.3	146.6	147.7
3 Caguas .....	26.6	26..	26.3	(*)	(*)	(*)	(*)	(*)	(*)	8.4	8.7	8.7
4 Mayaguez .....	36.7	37.2	37.2	(*)	(*)	(*)	(*)	(*)	(*)	13.3	14.3	14.2
5 Ponce .....	46.9	44.6	44.9	(*)	(*)	(*)	2.4	2.6	2.7	10.3	9.6	9.6
6 San Juan .....	329.4	327.5	333.4	(1)	(1)	(1)	15.3	15.4	16.0	32.0	32.5	32.7
7 VIRGIN ISLANDS .....	36.2	35.5	35.2	(2)	(2)	2)	3.0	2.9	2.7	2.6	2.4	2.3

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	
17.1	16.3	16.1	47.7	45.6	45.7	7.6	7.4	7.5	29.9	28.3	28.4	46.4	48.5	48.9	1
13.6	13.6	13.7	110.2	103.0	108.0	28.8	29.1	29.1	85.2	82.8	83.4	235.5	237.8	240.7	2
(*)	(*)	(*)	5.4	4.9	5.1	(*)	(*)	(*)	(*)	(*)	(*)	9.2	8.9	8.9	3
(*)	(*)	(*)	5.1	5.3	5.4	(*)	(*)	(*)	(*)	(*)	(*)	13.0	12.8	12.8	4
(*)	(*)	(*)	7.6	7.1	7.1	(*)	(*)	(*)	7.0	6.6	6.6	16.9	15.8	16.0	5
10.8	10.9	10.9	69.5	65.4	68.9	22.2	22.5	22.7	58.3	57.0	57.7	121.3	123.8	124.5	6
2.2	2.2	2.3	7.3	6.7	6.7	1.5	1.4	1.4	6.0	5.9	5.8	13.6	14.0	14.0	7

<sup>1</sup> Combined with services.

<sup>2</sup> Combined with construction.

<sup>3</sup> Area included in Chicago—Gary Standard Consolidated Statistical Area.

<sup>4</sup> Subarea of Baltimore Standard Metropolitan Statistical Area.

<sup>5</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>6</sup> Subarea of New York—Northeastern New Jersey.

<sup>7</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>8</sup> Area included in New York and Nassau—Suffolk combined SMSA's.

<sup>9</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>10</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>11</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.

<sup>12</sup> Total includes data for industry divisions not shown separately.

<sup>13</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p = preliminary.

\*Not available.

NOTE: All State and area data have been adjusted to March 1982 benchmarks except Wisconsin. Data for Colorado, Idaho, and North Dakota have been adjusted to March 1983 benchmarks.

SOURCE: Cooperating State agencies listed on inside back cover.



# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
	<b>TOTAL PRIVATE</b> .....	\$273.70	\$273.34	\$286.42	\$299.33	\$289.22	\$7.82	\$7.90	\$8.16	\$8.15	\$8.24
-	<b>MINING</b> .....	465.47	476.43	490.35	499.22	500.55	11.03	11.21	11.43	11.45	11.56
10	<b>METAL MINING</b> .....	491.16	500.15	515.16	528.14	-	12.53	12.63	12.72	12.85	-
101	Iron ores .....	540.79	524.10	490.03	504.66	-	13.32	13.37	12.04	12.43	-
102	Copper ores .....	536.18	545.44	572.88	545.40	-	12.92	13.08	13.19	13.27	-
11, 12	<b>COAL MINING</b> .....	524.96	530.80	572.26	591.19	-	13.19	13.27	14.20	14.28	-
12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	528.28	532.40	575.30	594.28	-	13.24	13.31	14.24	14.32	-
13	<b>OIL AND GAS EXTRACTION</b> .....	454.65	468.66	471.87	474.99	-	10.50	10.70	10.70	10.65	-
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	510.25	538.82	525.83	534.23	-	12.12	12.56	12.49	12.57	-
138	Oil and gas field services .....	432.31	439.79	449.45	451.36	-	9.87	9.95	10.01	9.92	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	334.25	384.02	413.03	415.66	-	9.02	9.10	9.43	9.49	-
142	Crushed and broken stone .....	356.21	353.64	390.73	397.81	-	8.38	8.38	8.86	8.86	-
-	<b>CONSTRUCTION</b> .....	440.13	440.96	431.61	441.97	437.05	11.96	11.95	11.89	12.01	12.04
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	393.77	388.02	390.20	386.60	-	10.71	10.66	10.62	10.65	-
152	Residential building construction .....	346.02	343.28	346.37	347.42	-	9.83	9.78	9.84	9.87	-
153	Operative builders .....	340.43	348.30	338.92	341.76	-	9.03	9.00	8.99	8.97	-
154	Nonresidential building construction .....	427.06	427.09	414.85	425.54	-	11.48	11.45	11.46	11.47	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	472.82	483.18	466.09	468.86	-	11.88	11.96	11.89	11.90	-
161	Highway and street construction .....	376.55	379.14	408.99	391.79	-	9.68	9.55	10.46	10.15	-
162	Heavy construction, except highway .....	503.66	512.78	492.43	498.30	-	12.56	12.63	12.53	12.52	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	449.65	447.32	440.90	457.75	-	12.56	12.53	12.49	12.68	-
171	Plumbing, heating, air conditioning .....	473.89	470.35	462.77	481.32	-	12.57	12.61	12.44	12.60	-
172	Painting, paper hanging, decorating .....	393.15	398.13	392.08	408.21	-	11.33	11.54	11.60	11.63	-
173	Electrical work .....	539.24	527.57	527.80	551.35	-	13.97	13.92	14.00	14.21	-
174	Masonry, stonework, and plastering .....	398.75	401.72	403.26	414.05	-	12.12	12.10	12.11	12.25	-
175	Carpentering and flooring .....	394.79	393.65	387.82	404.70	-	11.51	11.41	11.43	11.53	-
176	Roofing and sheet metal work .....	349.57	344.26	345.87	341.45	-	11.04	10.86	10.98	11.05	-
-	<b>MANUFACTURING</b> .....	344.60	341.43	366.79	373.27	366.43	8.68	8.71	8.99	9.06	9.07
24, 25, 32-39	<b>DURABLE GOODS</b> .....	371.45	367.62	396.74	404.04	396.34	9.24	9.26	9.56	9.62	9.62
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	310.85	307.64	327.20	330.42	325.40	7.95	7.97	8.18	8.24	8.28
	<b>DURABLE GOODS</b>										
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	293.70	300.29	308.88	312.00	311.66	7.55	7.68	7.80	7.80	7.89
241	Logging camps and logging contractors .....	366.89	396.60	379.48	377.77	-	9.81	9.95	10.34	10.21	-
242	Sawmills and planing mills .....	306.15	316.41	332.11	337.02	-	7.81	7.95	8.14	8.18	-
2421	Sawmills and planing mills, general .....	322.18	336.88	351.33	356.42	-	8.24	8.38	8.59	8.63	-
2426	Hardwood dimension and flooring .....	222.75	208.13	227.92	230.68	-	5.50	5.42	5.60	5.64	-
243	Millwork, plywood, and structural members .....	298.19	300.23	307.17	313.34	-	7.53	7.62	7.66	7.68	-
2431	Millwork .....	299.63	303.00	314.40	315.57	-	7.61	7.71	7.86	7.85	-
2434	Wood kitchen cabinets .....	257.24	265.94	276.21	294.11	-	6.87	6.98	6.94	7.07	-
2435	Hardwood veneer and plywood .....	231.66	234.21	251.94	256.46	-	5.94	5.99	6.13	6.24	-
2436	Softwood veneer and plywood .....	375.24	374.24	380.55	386.16	-	9.13	9.15	9.49	9.35	-
244	Wood containers .....	203.25	203.31	213.49	215.60	-	5.42	5.48	5.46	5.50	-
245	Wood buildings and mobile homes .....	254.48	247.60	256.66	256.88	-	6.75	6.71	6.79	6.85	-
2451	Mobile homes .....	253.26	247.01	254.14	256.04	-	6.70	6.64	6.85	6.92	-
249	Miscellaneous wood products .....	256.21	253.11	268.66	271.08	-	6.47	6.49	6.65	6.71	-
25	<b>FURNITURE AND FIXTURES</b> .....	250.00	243.38	269.47	278.25	266.06	6.46	6.49	6.72	6.77	6.77
251	Household furniture .....	226.48	221.26	242.87	251.69	-	5.96	5.98	6.18	6.23	-
2511	Wood household furniture .....	205.67	205.34	223.74	230.85	-	5.47	5.52	5.65	5.70	-
2512	Upholstered household furniture .....	244.98	231.40	257.46	268.80	-	6.43	6.41	6.67	6.72	-
2514	Metal household furniture .....	250.67	242.14	263.74	268.39	-	6.22	6.13	6.34	6.33	-
2515	Mattresses and bedsprings .....	243.98	249.25	259.61	275.80	-	6.63	6.81	6.96	7.09	-
252	Office furniture .....	277.77	269.04	308.85	320.90	-	7.05	7.08	7.25	7.36	-
253	Public building and related furniture .....	303.89	291.13	305.44	311.25	-	7.27	7.26	7.36	7.50	-
254	Partitions and fixtures .....	306.93	299.79	333.26	335.37	-	7.81	7.91	8.29	8.24	-
259	Miscellaneous furniture and fixtures .....	298.16	282.12	302.09	315.74	-	7.15	7.29	7.35	7.36	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
-	<b>TOTAL PRIVATE</b> .....	35.0	34.6	35.1	35.5	35.1	-	-	-	-	-
-	<b>MINING</b> .....	42.2	42.5	42.9	43.6	43.3	-	-	-	-	-
10	<b>METAL MINING</b> .....	39.2	39.6	40.5	41.1	-	-	-	-	-	
101	Iron ores .....	40.6	39.2	40.7	40.6	-	-	-	-	-	
102	Copper ores .....	41.5	41.7	40.4	41.1	-	-	-	-	-	
11, 12	<b>COAL MINING</b> .....	39.8	40.0	40.3	41.4	-	-	-	-	-	
12	<b>BITUMINOUS COAL AND LIGNITE MINING</b> .....	39.5	40.0	40.4	41.5	-	-	-	-	-	
13	<b>OIL AND GAS EXTRACTION</b> .....	43.3	43.8	44.1	44.6	-	-	-	-	-	
131, 2	Crude petroleum, natural gas, and natural gas liquids .....	42.1	42.9	42.1	42.5	-	-	-	-	-	
138	Oil and gas field services .....	43.8	44.2	44.9	45.5	-	-	-	-	-	
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	42.6	42.2	43.8	43.9	-	-	-	-	-	
142	Crushed and broken stone .....	43.7	42.2	44.1	44.9	-	-	-	-	-	
-	<b>CONSTRUCTION</b> .....	36.8	36.9	36.2	36.8	36.3	-	-	-	-	
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	36.3	36.4	35.8	36.3	-	-	-	-	-	
152	Residential building construction .....	35.2	35.1	35.2	35.2	-	-	-	-	-	
153	Operative builders .....	37.7	38.7	37.7	38.1	-	-	-	-	-	
154	Nonresidential building construction .....	37.2	37.3	36.2	37.1	-	-	-	-	-	
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	39.8	40.4	39.2	39.4	-	-	-	-	-	
161	Highway and street construction .....	33.9	39.7	35.1	38.6	-	-	-	-	-	
162	Heavy construction, except highway .....	40.1	40.6	39.3	39.8	-	-	-	-	-	
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	35.8	35.7	35.3	36.1	-	-	-	-	-	
171	Plumbing, heating, air conditioning .....	37.7	37.3	37.2	38.2	-	-	-	-	-	
172	Painting, paper hanging, decorating .....	34.7	34.5	33.8	35.1	-	-	-	-	-	
173	Electrical work .....	38.6	37.9	37.7	38.8	-	-	-	-	-	
174	Masonry, stonework, and plastering .....	32.9	33.2	33.3	33.8	-	-	-	-	-	
175	Carpentering and flooring .....	34.3	34.5	33.9	35.1	-	-	-	-	-	
176	Roofing and sheet metal work .....	31.7	31.7	31.5	30.9	-	-	-	-	-	
-	<b>MANUFACTURING</b> .....	39.7	39.2	40.3	41.2	40.4	2.5	2.3	3.4	3.6	
24, 25, 32-39	<b>DURABLE GOODS</b> .....	40.2	39.7	41.5	42.0	41.2	2.4	2.1	3.6	3.8	
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	39.1	38.6	40.0	40.1	39.3	2.6	2.5	3.2	3.3	
	<b>DURABLE GOODS</b>										
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	38.9	39.1	39.6	40.0	39.5	2.5	2.5	3.0	3.1	
241	Logging camps and logging contractors .....	37.4	39.7	36.7	37.0	-	2.9	3.4	2.5	2.6	
242	Sawmills and planing mills .....	39.2	39.8	40.8	41.2	-	3.1	3.1	3.7	3.8	
2421	Sawmills and planing mills, general .....	39.1	40.2	40.9	41.3	-	3.2	3.3	3.8	3.9	
2426	Hardwood dimension and flooring .....	40.5	38.4	40.7	40.9	-	2.9	2.1	3.6	3.7	
243	Millwork, plywood, and structural members .....	39.6	39.4	40.1	40.8	-	2.5	2.2	3.0	3.4	
2431	Millwork .....	39.4	39.3	40.0	40.2	-	1.7	1.3	2.3	2.4	
2434	Wood kitchen cabinets .....	38.9	38.1	35.8	41.6	-	2.3	1.6	3.0	4.1	
2435	Hardwood veneer and plywood .....	39.6	39.1	41.1	41.1	-	2.4	2.4	3.6	4.0	
2436	Softwood veneer and plywood .....	41.1	40.9	40.1	41.3	-	3.7	3.8	3.8	4.0	
244	Wood containers .....	37.5	37.1	39.1	39.2	-	1.7	1.3	2.0	2.2	
245	Wood buildings and mobile homes .....	37.7	36.9	37.8	37.5	-	1.7	1.3	1.8	1.7	
2451	Mobile homes .....	37.8	37.2	37.1	37.0	-	1.7	1.3	1.6	1.8	
249	Miscellaneous wood products .....	39.6	39.0	40.4	40.4	-	2.0	1.9	3.0	2.6	
25	<b>FURNITURE AND FIXTURES</b> .....	38.7	37.5	40.1	41.1	39.3	1.9	1.6	2.5	3.0	
251	Household furniture .....	38.0	37.0	39.3	40.4	-	1.6	1.4	2.3	2.7	
2511	Wood household furniture .....	37.6	37.2	39.6	40.5	-	1.7	1.7	2.4	2.8	
2512	Upholstered household furniture .....	38.1	36.1	36.6	40.0	-	1.3	.7	1.8	2.2	
2514	Metal household furniture .....	40.3	39.5	41.6	42.4	-	1.9	2.0	3.1	3.7	
2515	Mattresses and bedsprings .....	35.8	36.6	37.3	38.9	-	1.4	1.5	1.6	2.1	
252	Office furniture .....	39.4	38.0	42.6	43.6	-	2.3	2.0	3.3	4.1	
253	Public building and related furniture .....	41.8	40.1	41.5	41.5	-	3.3	2.7	3.7	4.5	
254	Partitions and fixtures .....	39.3	37.9	40.2	40.7	-	2.6	1.8	3.1	3.1	
259	Miscellaneous furniture and fixtures .....	41.7	38.7	41.1	42.9	-	2.5	1.4	2.2	3.5	

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry— Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	\$356.83	\$364.91	\$395.22	\$394.28	\$385.15	\$9.08	\$9.10	\$9.41	\$9.41	\$9.44
321	Flat glass	503.76	498.89	589.61	571.10	-	11.77	11.85	12.93	12.95	-
322	Glass and glassware, pressed or blown	390.10	390.57	416.75	420.43	-	9.68	9.74	10.14	10.13	-
3221	Glass containers	403.82	405.62	432.72	444.52	-	10.02	10.09	10.58	10.66	-
3229	Pressed and blown glass, nec	361.43	368.80	397.44	392.64	-	9.15	9.22	9.60	9.60	-
323	Products of purchased glass	345.91	343.71	356.97	357.01	-	8.52	8.55	8.54	8.42	-
324	Cement, hydraulic	514.86	515.30	587.09	567.38	-	12.65	12.63	13.59	13.55	-
325	Structural clay products	286.63	288.80	314.25	313.92	-	7.13	7.22	7.50	7.51	-
326	Pottery and related products	304.90	292.19	317.20	321.20	-	7.66	7.73	7.99	8.01	-
327	Concrete, gypsum, and plaster products	355.92	353.76	384.37	379.39	-	8.81	8.80	9.13	9.12	-
3271	Concrete block and brick	338.44	325.26	334.80	333.84	-	8.02	7.80	7.75	7.80	-
3272	Concrete products, nec	321.73	321.73	341.92	350.14	-	7.79	7.79	8.18	8.20	-
3273	Ready-mixed concrete	371.30	374.02	407.36	393.39	-	9.72	9.74	9.96	10.01	-
329	Misc. nonmetallic mineral products	363.91	365.49	397.32	402.69	-	9.03	8.98	9.24	9.30	-
3291	Abrasive products	337.26	345.35	374.85	384.45	-	8.76	8.81	8.82	8.92	-
3292	Asbestos products	359.39	391.62	411.59	407.81	-	9.03	9.15	9.27	9.44	-
33	<b>PRIMARY METAL INDUSTRIES</b>	450.41	450.84	470.50	479.97	473.71	11.49	11.56	11.31	11.32	11.36
331	Blast furnace and basic steel products	521.74	516.25	513.83	530.42	-	13.73	13.73	12.75	12.72	-
3312	Blast furnaces and steel mills	542.88	533.13	526.68	543.10	-	14.40	14.37	13.20	13.15	-
3317	Steel pipe and tubes	414.85	432.54	441.60	461.18	-	10.61	10.68	10.59	10.75	-
332	Iron and steel foundries	357.30	376.53	417.83	418.58	-	9.59	9.78	10.02	9.99	-
3321	Gray iron foundries	374.62	385.67	432.55	432.13	-	9.68	9.94	10.25	10.24	-
3322	Malleable iron foundries	331.00	388.21	455.26	430.27	-	10.16	10.27	10.57	10.52	-
3325	Steel foundries, nec	350.55	358.33	370.26	385.63	-	9.50	9.53	9.35	9.36	-
333	Primary nonferrous metals	528.53	541.20	572.23	567.31	-	13.05	13.33	13.56	13.88	-
3334	Primary aluminum	548.65	564.98	586.40	586.45	-	13.82	14.16	14.13	14.03	-
335	Nonferrous rolling and drawing	423.69	432.64	473.49	479.60	-	10.38	10.40	10.91	11.00	-
3351	Copper rolling and drawing	364.97	373.89	432.81	437.61	-	8.88	8.86	9.79	9.79	-
3353	Aluminum sheet, plate, and foil	559.80	574.33	624.36	618.25	-	13.73	13.74	14.19	14.16	-
3357	Nonferrous wire drawing and insulating	335.24	397.85	441.87	454.83	-	9.57	9.61	10.30	10.48	-
336	Nonferrous foundries	347.27	347.85	376.26	386.01	-	8.66	8.74	8.98	9.04	-
3361	Aluminum foundries	355.77	357.20	399.34	401.54	-	8.85	8.93	9.27	9.36	-
34	<b>FABRICATED METAL PRODUCTS</b>	359.36	354.71	385.63	396.77	384.81	8.96	8.98	9.27	9.38	9.34
341	Metal cans and shipping containers	501.34	500.64	524.78	530.06	-	11.85	11.92	12.29	12.27	-
3411	Metal cans	526.01	519.96	552.12	558.14	-	12.29	12.38	12.90	12.89	-
342	Cutlery, hand tools, and hardware	337.45	338.77	378.07	381.29	-	8.50	8.62	9.11	9.10	-
3423, 5	Hand and edge tools, and hand saws and blades	317.58	314.28	339.36	343.17	-	8.04	8.10	8.40	8.37	-
3429	Hardware, nec	351.43	351.45	395.43	398.27	-	8.83	8.92	9.46	9.46	-
343	Plumbing and heating, except electric	318.80	310.34	334.94	350.27	-	7.97	8.04	8.27	8.42	-
3432	Plumbing fittings and brass goods	304.17	297.21	328.03	347.26	-	7.72	7.76	8.04	8.19	-
3433	Heating equipment, except electric	324.41	309.19	323.95	342.76	-	8.01	8.01	8.16	8.36	-
344	Fabricated structural metal products	354.56	343.39	360.80	368.05	-	8.82	8.76	8.80	8.89	-
3441	Fabricated structural metal	367.03	358.66	376.18	386.98	-	9.13	9.08	9.28	9.28	-
3442	Metal doors, sash, and trim	274.62	262.13	292.50	297.15	-	6.90	6.88	7.01	7.09	-
3443	Fabricated plate work (boiler shops)	411.00	397.98	419.09	431.27	-	10.00	9.90	10.05	10.10	-
3444	Sheet metal work	354.32	347.38	361.09	368.74	-	8.97	8.93	8.96	9.06	-
3446	Architectural metal work	352.30	350.27	371.60	362.56	-	8.73	8.67	8.89	8.80	-
345	Screw machine products, bolts, etc.	321.26	322.76	370.19	380.17	-	8.28	8.34	8.69	8.78	-
3451	Screw machine products	294.90	299.54	327.57	337.35	-	7.72	7.76	7.97	8.09	-
3452	Bolts, nuts, rivets, and washers	345.84	345.43	414.60	425.25	-	8.80	8.88	9.38	9.45	-
346	Metal forgings and stampings	410.26	409.64	463.76	483.78	-	10.08	10.19	10.76	10.97	-
3462	Iron and steel forgings	437.10	438.00	482.38	503.71	-	11.01	10.95	11.68	11.88	-
3465	Automotive stampings	504.38	506.75	577.65	605.01	-	11.84	11.98	12.64	12.90	-
3469	Metal stampings, nec	314.81	305.98	339.90	349.86	-	7.99	8.01	8.27	8.39	-
347	Metal services, nec	231.95	274.63	304.96	312.33	-	7.12	7.06	7.42	7.49	-
3471	Plating and polishing	279.79	273.53	297.02	305.44	-	7.03	6.96	7.28	7.36	-
3479	Metal coating and allied services	238.17	277.81	325.56	329.64	-	7.37	7.33	7.77	7.83	-
348	Ordnance and accessories, nec	332.82	382.01	405.72	419.89	-	9.36	9.34	9.80	9.85	-
3483	Ammunition, exc. for small arms, nec	371.47	366.27	381.00	395.54	-	8.72	8.70	9.27	9.29	-
349	Misc. fabricated metal products	337.79	327.93	353.83	364.04	-	8.53	8.43	8.63	8.73	-
3494	Valves and pipe fittings	353.07	341.76	379.14	392.70	-	9.03	8.97	9.35	9.35	-
3496	Misc. fabricated wire products	294.62	290.82	313.29	326.93	-	7.44	7.40	7.66	7.84	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	390.97	372.24	408.10	422.17	414.81	9.43	9.40	9.81	9.91	9.90
351	Engines and turbines	452.37	451.95	505.12	546.05	-	11.62	11.50	12.32	12.64	-
3511	Turbines and turbine generator sets	452.79	431.79	491.39	493.07	-	11.26	11.10	11.77	11.84	-
3519	Internal combustion engines, nec	463.73	462.94	514.14	570.21	-	11.86	11.72	12.54	12.93	-
352	Farm and garden machinery	403.90	401.49	420.80	424.04	-	10.33	10.19	10.39	10.47	-
3523	Farm machinery and equipment	420.20	420.72	440.51	445.67	-	10.83	10.76	10.85	10.95	-
353	Construction and related machinery	411.66	389.00	426.87	447.94	-	10.14	10.00	10.54	10.64	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	40.4	40.1	42.0	41.6	40.8	3.2	3.2	4.5	4.3	-
321	Flat glass	42.8	42.1	45.6	44.1	-	3.7	3.5	6.4	5.2	-
322	Glass and glassware, pressed or blown	40.3	40.1	41.1	41.3	-	2.6	2.6	4.3	4.2	-
3221	Glass containers	40.9	40.2	40.9	41.7	-	4.5	4.3	4.8	4.7	-
3229	Pressed and blown glass, nec	39.5	40.0	41.4	40.9	-	2.4	2.7	3.7	3.6	-
323	Products of purchased glass	40.6	40.2	41.8	42.4	-	2.5	2.5	4.6	4.4	-
324	Cement, hydraulic	40.7	40.8	43.2	42.5	-	2.2	2.3	2.9	3.0	-
325	Structural clay products	40.2	40.0	41.9	41.6	-	2.6	2.8	3.8	3.7	-
326	Pottery and related products	39.7	37.8	39.7	40.1	-	1.7	1.4	2.7	2.3	-
327	Concrete, gypsum, and plaster products	40.4	40.2	42.1	41.6	-	4.2	4.3	5.6	5.1	-
3271	Concrete block and brick	42.2	41.7	43.2	42.8	-	4.4	4.2	6.0	5.7	-
3272	Concrete products, nec	41.3	41.3	41.8	42.7	-	3.6	4.0	4.7	4.8	-
3273	Ready-mixed concrete	38.2	38.4	40.9	39.3	-	3.9	4.2	5.4	4.4	-
329	Misc. nonmetallic mineral products	40.3	40.7	43.0	43.3	-	2.4	2.2	4.0	4.2	-
3291	Abrasive products	38.5	39.2	42.5	43.1	-	1.6	1.5	3.0	3.7	-
3292	Asbestos products	39.8	42.8	44.4	43.2	-	3.1	2.1	4.3	4.4	-
33	<b>PRIMARY METAL INDUSTRIES</b>	39.2	39.0	41.6	42.4	41.7	2.0	2.0	3.7	3.9	-
331	Blast furnace and basic steel products	38.0	37.6	40.3	41.7	-	1.3	1.2	2.8	2.9	-
3312	Blast furnaces and steel mills	37.7	37.1	39.9	41.3	-	1.2	1.1	2.7	2.7	-
3317	Steel pipe and tubes	39.1	40.5	41.7	42.9	-	2.1	2.2	3.1	3.7	-
332	Iron and steel foundries	38.3	38.5	41.7	41.9	-	1.5	1.8	3.7	3.9	-
3321	Gray iron foundries	38.7	38.8	42.2	42.2	-	1.6	2.0	4.2	4.3	-
3322	Malleable iron foundries	37.5	37.8	41.5	40.9	-	1.5	1.4	3.3	3.1	-
3325	Steel foundries, nec	36.9	37.6	39.6	41.2	-	1.3	1.1	2.2	2.8	-
333	Primary nonferrous metals	40.5	40.6	42.2	42.4	-	2.7	2.6	3.4	3.3	-
3334	Primary aluminum	39.7	39.9	41.5	41.8	-	2.9	2.7	3.6	3.5	-
335	Nonferrous rolling and drawing	41.3	41.6	43.4	43.6	-	3.0	3.1	5.2	5.3	-
3351	Copper rolling and drawing	41.1	42.2	44.3	44.7	-	2.1	2.3	4.0	5.5	-
3353	Aluminum sheet, plate and foil	41.5	41.6	44.0	43.6	-	4.3	4.3	7.0	5.8	-
3357	Nonferrous wire drawing and insulating	41.3	41.4	42.9	43.4	-	2.7	2.6	5.0	5.4	-
336	Nonferrous foundries	40.1	39.8	41.9	42.7	-	2.5	2.6	3.9	4.3	-
3361	Aluminum foundries	40.2	40.0	42.0	42.9	-	2.5	2.6	4.0	4.6	-
34	<b>FABRICATED METAL PRODUCTS</b>	40.1	39.5	41.6	42.3	41.2	2.2	2.0	3.5	4.0	-
341	Metal cans and shipping containers	42.2	42.0	42.7	43.2	-	2.9	4.3	4.9	5.0	-
3411	Metal cans	42.8	42.0	42.8	43.3	-	4.1	4.4	5.1	5.0	-
342	Cutlery, hand tools, and hardware	39.7	39.3	41.5	41.9	-	1.5	1.4	3.1	3.5	-
3423, 5	Hand and edge tools, and hand saws and blades	39.5	38.8	40.4	41.0	-	1.3	1.3	2.2	2.4	-
3428	Hardware, nec	39.8	39.4	41.8	42.1	-	1.6	1.6	3.7	4.3	-
343	Plumbing and heating, except electric	40.0	38.6	40.5	41.6	-	1.6	1.3	2.7	3.0	-
3432	Plumbing fittings and brass goods	39.4	38.3	40.8	42.4	-	1.4	1.3	2.6	3.8	-
3433	Heating equipment, except electric	40.5	38.6	39.7	41.0	-	1.8	1.1	2.2	2.2	-
344	Fabricated structural metal products	40.2	39.2	41.0	41.4	-	2.4	1.9	3.1	3.4	-
3441	Fabricated structural metal	40.2	39.5	40.8	41.7	-	2.5	2.2	2.8	3.2	-
3442	Metal doors, sash, and trim	39.8	38.1	40.3	40.5	-	2.1	1.4	2.9	3.0	-
3443	Fabricated plate work (boiler shops)	41.1	40.2	41.7	42.7	-	2.6	2.3	3.2	4.1	-
3444	Sheet metal work	39.5	38.9	40.3	40.7	-	2.0	1.7	3.1	3.4	-
3446	Architectural metal work	41.5	40.4	41.8	41.2	-	3.1	2.8	2.3	2.2	-
345	Screw machine products, bolts, etc.	38.8	38.7	42.6	43.3	-	1.6	1.6	4.3	4.7	-
3451	Screw machine products	39.2	38.6	41.1	41.7	-	1.5	1.5	3.5	4.0	-
3452	Bolts, nuts, rivets, and washers	39.3	38.9	44.2	45.0	-	1.6	1.8	5.1	5.4	-
346	Metal forgings and stampings	40.7	40.2	43.1	44.1	-	2.5	2.4	4.9	5.6	-
3462	Iron and steel forgings	39.7	40.0	41.3	42.4	-	2.0	2.1	3.7	4.7	-
3465	Automotive stampings	42.6	42.3	45.7	46.9	-	3.2	3.4	6.9	7.6	-
3469	Metal stampings, nec	39.4	38.2	41.1	41.7	-	2.0	1.7	3.3	3.9	-
347	Metal services, nec	39.6	38.9	41.1	41.7	-	2.6	2.1	3.6	3.9	-
3471	Plating and polishing	39.6	39.3	40.8	41.5	-	2.6	2.2	3.3	2.6	-
3479	Metal coating and allied services	39.1	37.9	41.9	42.1	-	2.5	1.9	4.5	4.8	-
348	Ordinance and accessories, nec	40.5	40.9	41.4	42.2	-	2.3	2.2	2.8	3.1	-
3483	Ammunition, exc. for small arms, nec	42.6	42.1	41.1	41.6	-	1.7	2.0	1.9	2.0	-
349	Misc. fabricated metal products	39.6	38.9	41.0	41.7	-	1.8	1.3	2.7	3.2	-
3494	Valves and pipe fittings	39.1	38.1	40.9	42.0	-	1.8	1.1	2.7	3.4	-
3496	Misc. fabricated wire products	39.6	39.3	40.9	41.7	-	1.5	1.3	2.6	3.3	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	40.4	39.6	41.6	42.6	41.9	2.4	2.0	3.4	4.1	-
351	Engines and turbines	39.8	39.3	41.0	43.2	-	2.1	1.5	3.9	6.0	-
3511	Turbines and turbine generator sets	41.1	38.9	40.9	40.8	-	3.5	2.1	3.7	3.8	-
3519	Internal combustion engines, nec	39.1	39.5	41.0	44.1	-	1.3	1.2	4.0	6.8	-
352	Farm and garden machinery	39.1	39.4	40.5	40.5	-	1.2	1.8	2.2	2.6	-
3523	Farm machinery and equipment	38.8	39.1	40.6	40.7	-	1.2	1.7	2.3	2.6	-
353	Construction and related machinery	40.6	39.9	40.5	42.1	-	2.4	1.7	2.6	3.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>											
3531	Construction machinery .....	\$420.97	\$403.75	\$460.16	\$482.89	-	\$10.42	\$10.17	\$11.39	\$11.58	-
3532	Mining machinery .....	424.83	404.64	474.11	458.84	-	10.81	10.51	10.99	11.11	-
3533	Oil field machinery .....	433.31	412.91	441.66	454.10	-	10.53	10.48	10.72	10.71	-
3535	Conveyers and conveying equipment .....	344.66	330.22	358.00	382.55	-	8.77	8.69	8.95	9.13	-
3537	Industrial trucks and tractors .....	348.23	318.79	373.43	410.45	-	9.14	8.98	9.43	9.59	-
354	Metalworking machinery .....	393.41	389.60	419.89	434.30	-	9.69	9.74	9.95	10.03	-
3541	Machine tools, metal cutting types .....	395.61	377.11	410.76	426.54	-	9.99	9.95	9.97	10.06	-
3542	Machine tools, metal forming types .....	403.17	392.03	427.73	438.29	-	10.13	10.13	10.47	10.69	-
3544	Special dies, tools, jigs, and fixtures .....	430.12	427.85	457.29	469.29	-	10.29	10.41	10.61	10.69	-
3545	Machine tool accessories .....	340.56	343.30	385.22	404.27	-	9.71	8.78	9.15	9.23	-
3546	Power driven hand tools .....	305.72	304.62	321.77	327.02	-	7.53	7.54	7.81	7.88	-
355	Special industry machinery .....	373.70	360.38	399.07	410.88	-	9.25	9.17	9.57	9.60	-
3551	Food products machinery .....	390.10	374.62	409.77	428.24	-	9.68	9.46	9.97	10.10	-
3552	Textile machinery .....	252.75	273.67	312.50	326.59	-	7.25	7.24	7.53	7.56	-
3555	Printing trades machinery .....	330.05	370.93	414.69	419.58	-	9.56	9.56	9.85	9.69	-
356	General industrial machinery .....	377.34	368.87	406.27	415.90	-	9.41	9.41	9.65	9.74	-
3561	Pumps and pumping equipment .....	393.48	385.53	426.89	431.46	-	9.86	9.86	10.14	10.20	-
3562	Ball and roller bearings .....	373.75	369.00	419.87	427.28	-	8.92	9.00	9.63	9.80	-
3563	Air and gas compressors .....	411.46	411.44	411.68	433.15	-	10.21	10.39	9.92	10.24	-
3564	Blowers and fans .....	353.75	340.56	359.21	370.06	-	8.75	8.71	8.74	8.79	-
3566	Speed changers, drives, and gears .....	371.49	353.67	419.02	435.12	-	9.88	9.77	10.22	10.36	-
3568	Power transmission equipment, nec .....	349.48	345.54	409.92	408.00	-	9.27	9.19	9.75	9.60	-
357	Office and computing machines .....	341.96	335.79	374.93	381.50	-	8.24	8.21	8.76	8.77	-
3573	Electronic computing equipment .....	341.52	333.74	376.69	381.50	-	8.15	8.14	8.74	8.71	-
358	Refrigeration and service machinery .....	350.33	350.46	388.27	401.63	-	8.81	8.85	9.47	9.54	-
3585	Refrigeration and heating equipment .....	374.01	362.98	403.19	413.84	-	9.10	9.12	9.81	9.83	-
359	Misc. machinery, except electrical .....	362.87	362.60	396.48	411.45	-	9.21	9.25	9.60	9.75	-
3592	Carburetors, pistons, rings, valves .....	393.58	402.73	466.34	498.96	-	10.17	10.30	11.21	11.55	-
3599	Machinery, except electrical, nec .....	358.27	355.94	384.40	396.06	-	9.07	9.08	9.33	9.43	-
36	<b>ELECTRIC AND ELECTRONIC EQUIPMENT .....</b>	<b>342.95</b>	<b>338.64</b>	<b>363.49</b>	<b>369.93</b>	<b>\$365.86</b>	<b>8.51</b>	<b>8.53</b>	<b>8.78</b>	<b>8.85</b>	<b>\$8.88</b>
361	Electric distributing equipment .....	338.92	324.04	356.49	356.07	-	8.41	8.33	8.59	8.69	-
3612	Transformers .....	335.72	319.76	373.23	373.24	-	8.31	8.22	8.70	8.68	-
3613	Switchgear and switchboard apparatus .....	340.90	326.70	343.40	342.55	-	9.48	8.42	8.50	8.50	-
362	Electrical industrial apparatus .....	337.39	333.13	370.05	379.05	-	8.52	8.52	8.96	9.09	-
3621	Motors and generators .....	338.85	342.05	374.95	381.85	-	8.45	8.53	8.97	9.07	-
3622	Industrial controls .....	335.07	316.68	358.39	370.39	-	8.44	8.29	8.72	8.99	-
363	Household appliances .....	325.48	328.32	364.42	362.30	-	8.24	8.44	8.75	8.73	-
3632	Household refrigerators and freezers .....	332.14	377.28	407.72	431.11	-	9.65	9.60	10.34	10.12	-
3633	Household laundry equipment .....	337.37	394.79	420.65	412.29	-	10.06	10.02	10.21	10.13	-
3634	Electric housewares and fans .....	258.72	253.44	279.19	274.99	-	6.60	6.66	6.76	6.74	-
364	Electric lighting and wiring equipment .....	314.79	321.58	340.31	348.61	-	7.85	7.96	8.28	8.34	-
3641	Electric lamps .....	360.12	391.78	334.28	409.84	-	9.14	9.24	9.41	9.40	-
3643	Current-carrying wiring devices .....	295.60	301.92	316.52	325.26	-	7.39	7.40	7.72	7.80	-
3644	Noncurrent-carrying wiring devices .....	326.82	319.93	348.39	347.93	-	8.15	8.12	8.56	8.55	-
3645	Residential lighting fixtures .....	247.23	233.70	257.18	260.59	-	6.15	6.15	6.35	6.27	-
365	Radio and TV receiving equipment .....	334.17	309.64	348.99	359.39	-	7.88	7.96	8.45	8.65	-
3651	Radio and TV receiving sets .....	323.35	321.15	362.20	377.27	-	8.11	8.32	8.77	8.94	-
366	Communication equipment .....	415.07	406.02	429.52	441.63	-	10.05	10.05	10.40	10.49	-
3661	Telephones and telegraph apparatus .....	418.54	409.37	426.21	446.90	-	10.36	10.26	10.27	10.54	-
3662	Radio and TV communication equipment .....	412.63	403.56	430.32	439.32	-	9.90	9.94	10.47	10.46	-
367	Electronic components and accessories .....	311.44	297.75	315.05	319.49	-	7.48	7.50	7.61	7.68	-
3671-3	Electronic tubes .....	392.29	386.63	412.16	421.74	-	9.43	9.43	9.79	9.90	-
3674	Semiconductors and related devices .....	340.25	334.32	370.06	371.13	-	8.36	8.40	8.79	8.90	-
3679	Electronic components, nec .....	234.61	280.10	288.40	294.53	-	7.01	7.02	7.00	7.08	-
369	Misc. electrical equipment and supplies .....	357.13	363.26	407.89	407.35	-	9.11	9.15	9.62	9.63	-
3691	Storage batteries .....	334.34	368.25	461.76	432.35	-	9.73	9.64	10.40	10.15	-
3694	Engine electrical equipment .....	332.40	381.74	421.58	433.24	-	9.56	9.64	9.99	10.17	-
37	<b>TRANSPORTATION EQUIPMENT .....</b>	<b>474.35</b>	<b>468.54</b>	<b>515.66</b>	<b>522.20</b>	<b>505.91</b>	<b>11.43</b>	<b>11.40</b>	<b>12.02</b>	<b>12.06</b>	<b>11.96</b>
371	Motor vehicles and equipment .....	484.38	486.45	551.69	557.95	-	11.70	11.75	12.51	12.51	-
3711	Motor vehicles and car bodies .....	533.48	538.48	610.01	606.91	-	12.98	13.07	13.77	13.70	-
3713	Truck and bus bodies .....	327.86	328.25	377.61	383.91	-	8.45	8.31	9.37	9.55	-
3714	Motor vehicle parts and accessories .....	461.74	466.62	532.52	547.82	-	11.02	11.11	11.94	12.04	-
3715	Truck trailers .....	347.56	321.36	367.22	379.60	-	8.37	8.24	8.87	8.89	-
372	Aircraft and parts .....	497.12	476.42	505.78	519.43	-	11.78	11.62	12.10	12.25	-
3721	Aircraft .....	521.25	505.51	-	-	-	12.50	12.39	-	-	-
3724	Aircraft engines and engine parts .....	434.88	456.60	503.37	522.16	-	11.60	11.33	11.90	12.20	-
3728	Aircraft equipment, nec .....	454.15	443.94	466.04	480.20	-	10.67	10.52	10.94	11.09	-
373	Ship and boat building and repairing .....	421.04	412.08	427.87	423.72	-	10.17	10.10	10.36	10.26	-
3731	Shipbuilding and repairing .....	446.01	440.08	467.32	459.79	-	10.67	10.63	11.13	11.16	-
3732	Boat building and repairing .....	314.82	299.14	303.64	308.47	-	7.93	7.79	7.61	7.77	-
374	Railroad equipment .....	453.57	446.50	-	-	-	11.66	11.75	12.15	11.37	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
<b>MACHINERY, EXCEPT ELECTRICAL—Continued</b>											
3531	Construction machinery	40.4	39.7	40.4	41.7	-	1.9	1.9	1.8	2.7	-
3532	Mining machinery	39.3	38.5	39.5	41.3	-	1.9	1.2	1.5	2.5	-
3533	Oil field machinery	42.1	39.4	41.2	42.4	-	3.3	2.0	3.3	4.3	-
3535	Conveyers and conveying equipment	39.3	38.0	40.0	41.9	-	1.7	1.1	3.0	3.5	-
3537	Industrial trucks and tractors	38.1	35.5	39.6	42.8	-	1.7	1.1	3.0	4.4	-
354	Metalworking machinery	40.6	40.0	42.2	43.3	-	2.9	2.6	4.3	5.0	-
3541	Machine tools, metal cutting types	38.6	37.9	41.2	42.4	-	1.8	1.3	2.6	3.3	-
3542	Machine tools, metal forming types	39.6	38.7	40.2	41.0	-	1.9	1.6	4.1	6.9	-
3544	Special dies, tools, jigs, and fixtures	41.8	41.1	43.1	43.9	-	4.1	3.8	5.1	5.7	-
3545	Machine tool accessories	39.1	39.1	42.1	43.8	-	1.5	1.5	4.0	5.1	-
3546	Power driven hand tools	40.6	40.4	41.2	41.5	-	2.2	2.2	3.3	3.0	-
355	Special industry machinery	40.4	39.3	41.7	42.6	-	2.3	2.0	3.4	3.9	-
3551	Food products machinery	40.3	39.6	41.1	42.4	-	2.3	2.4	2.6	3.4	-
3552	Textile machinery	39.0	37.8	41.5	43.2	-	1.6	1.4	2.8	3.7	-
3555	Printing trades machinery	40.8	38.8	42.1	43.3	-	2.8	2.0	3.5	4.1	-
356	General industrial machinery	40.1	39.2	42.1	42.7	-	2.1	1.5	3.5	4.0	-
3561	Pumps and pumping equipment	39.4	39.1	42.1	42.3	-	1.7	1.5	3.2	3.6	-
3562	Ball and roller bearings	41.9	41.0	43.6	43.6	-	3.1	2.1	4.7	4.9	-
3563	Air and gas compressors	40.5	39.6	41.5	42.3	-	2.9	1.3	3.3	3.3	-
3564	Blowers and fans	41.0	39.1	41.1	42.1	-	2.1	1.1	2.9	3.3	-
3566	Speed changers, drives, and gears	37.6	36.2	41.0	42.0	-	.9	.7	3.5	4.2	-
3568	Power transmission equipment, nec.	37.7	37.6	42.0	42.5	-	1.0	1.8	3.5	4.0	-
357	Office and computing machines	41.5	40.9	42.8	43.5	-	2.8	2.2	3.6	4.0	-
3573	Electronic computing equipment	41.7	41.0	45.1	43.8	-	3.0	2.5	3.3	4.0	-
358	Refrigeration and service machinery	40.9	39.6	41.0	42.1	-	2.2	1.4	3.2	3.7	-
3585	Refrigeration and heating equipment	41.1	39.8	41.1	42.1	-	2.2	1.4	3.4	3.7	-
359	Misc. machinery, except electrical	39.4	39.2	41.3	42.2	-	2.3	2.2	3.5	4.1	-
3592	Carburetors, pistons, rings, valves	33.7	39.1	41.6	43.2	-	1.0	1.9	3.3	4.3	-
3599	Machinery, except electrical, nec.	39.5	39.2	41.2	42.0	-	2.4	2.2	3.5	4.1	-
<b>ELECTRIC AND ELECTRONIC EQUIPMENT</b>											
36	Electric distributing equipment	40.3	39.7	41.4	41.8	41.2	2.2	1.8	3.3	3.5	-
361	Transformers	40.3	36.9	41.5	41.5	-	2.3	1.4	2.8	2.1	-
3612	Switchgear and switchboard apparatus	40.4	38.9	42.9	43.0	-	2.3	1.4	3.4	3.7	-
3613	Electrical industrial apparatus	40.2	38.8	40.4	40.3	-	2.2	1.4	2.4	2.7	-
362	Motors and generators	39.6	39.1	41.3	41.7	-	1.8	1.3	3.2	3.9	-
3621	Industrial controls	40.1	40.1	41.8	42.1	-	2.0	1.6	3.7	4.4	-
3622	Household appliances	39.7	38.7	41.1	41.2	-	1.5	1.0	2.8	3.2	-
363	Household refrigerators and freezers	39.5	38.9	41.6	41.5	-	1.9	1.4	3.2	2.9	-
3632	Household laundry equipment	39.6	39.3	43.3	42.6	-	1.3	.8	3.8	2.5	-
3633	Electric housewares and fans	39.5	39.4	41.2	40.7	-	1.4	1.3	2.3	1.6	-
3634	Electric lighting and wiring equipment	39.2	39.4	41.3	40.8	-	2.2	1.4	3.2	3.1	-
364	Electric lamps	40.1	40.4	41.1	41.8	-	2.1	2.0	3.4	3.8	-
3641	Current-carrying wiring devices	39.4	42.4	41.9	43.6	-	2.1	2.3	3.2	3.7	-
3643	Noncurrent-carrying wiring devices	40.0	40.8	41.7	41.7	-	2.1	2.2	3.7	4.4	-
3644	Residential lighting fixtures	40.1	39.4	40.7	40.7	-	1.6	1.4	2.4	2.4	-
3645	Radio and TV receiving equipment	40.2	38.0	40.5	40.9	-	2.1	1.3	2.7	2.8	-
365	Radio and TV receiving sets	33.6	38.9	41.3	41.5	-	1.2	1.5	3.2	3.0	-
3651	Communication equipment	39.5	38.6	41.3	42.2	-	1.3	1.6	3.4	3.5	-
366	Telephone and telegraph apparatus	41.3	40.4	41.3	42.1	-	2.5	1.9	2.9	3.1	-
3661	Radio and TV communication equipment	40.4	39.9	41.5	42.4	-	2.1	1.7	3.3	2.6	-
3662	Electronic components and accessories	41.7	40.6	41.1	42.0	-	2.7	2.0	2.6	2.9	-
367	Electronic tubes	40.3	39.7	41.4	41.6	-	2.4	2.1	3.5	3.6	-
3671-3	Semiconductors and related devices	41.6	41.0	42.1	42.6	-	2.2	1.7	2.8	2.9	-
3674	Electronic components, nec.	40.7	39.8	42.1	41.7	-	2.7	2.7	4.1	3.8	-
3679	Misc. electrical equipment and supplies	40.0	39.9	41.2	41.6	-	2.6	2.0	3.5	3.7	-
369	Storage batteries	40.3	39.7	42.4	42.3	-	2.0	1.8	4.2	4.0	-
3691	Engine electrical equipment	39.5	38.2	40.4	42.6	-	2.2	1.8	4.8	4.1	-
3694	Engine electrical equipment	40.0	39.6	42.2	42.6	-	1.7	1.6	4.4	4.4	-
<b>TRANSPORTATION EQUIPMENT</b>											
37	Motor vehicles and equipment	41.5	41.1	42.9	43.3	42.3	3.1	2.7	4.8	4.8	-
371	Motor vehicles and car bodies	41.4	41.4	44.1	44.6	-	2.6	2.6	6.0	5.7	-
3711	Truck and bus bodies	41.1	41.2	44.3	44.3	-	2.7	3.1	6.7	5.6	-
3713	Motor vehicle parts and accessories	33.8	39.5	40.3	40.2	-	1.2	1.5	2.6	2.5	-
3714	Truck trailers	41.9	42.0	44.6	45.5	-	2.6	2.8	6.0	6.3	-
3715	Aircraft and parts	41.5	39.0	41.4	42.7	-	3.2	1.0	3.4	4.4	-
372	Aircraft engines and engine parts	42.2	41.0	41.8	42.4	-	3.9	2.5	3.6	4.2	-
3721	Aircraft engines and engine parts	41.7	40.8	-	-	-	3.1	2.2	-	-	-
3724	Aircraft equipment, nec.	41.8	40.3	42.3	42.8	-	4.5	2.6	4.8	5.6	-
3728	Ship and boat building and repairing	43.5	42.2	42.6	43.3	-	4.6	3.1	4.0	4.8	-
373	Ship building and repairing	41.4	40.8	41.3	40.9	-	3.2	2.8	3.7	3.8	-
3731	Boat building and repairing	41.8	41.4	41.8	41.2	-	3.7	3.1	4.3	3.2	-
3732	Railroad equipment **	39.7	38.4	39.9	39.7	-	1.6	1.4	1.9	1.8	-
374	Railroad equipment **	38.9	38.0	41.4	41.2	-	1.9	1.2	1.5	1.3	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
<b>TRANSPORTATION EQUIPMENT—Continued</b>											
376	Guided missiles, space vehicles, parts .....	\$490.92	\$472.99	\$494.62	\$505.47	-	\$11.47	\$11.37	\$11.99	\$11.81	-
3761	Guided missiles and space vehicles .....	509.82	487.39	507.03	523.31	-	11.77	11.66	12.13	12.03	-
379	Miscellaneous transportation equipment .....	335.92	380.62	400.79	420.45	-	10.05	9.99	10.07	10.28	-
3792	Travel trailers and campers .....	305.10	318.72	333.31	332.14	-	8.05	8.30	8.68	8.81	-
<b>INSTRUMENTS AND RELATED PRODUCTS</b>											
38	.....	338.55	337.64	353.42	360.18	\$354.60	8.38	8.42	8.62	8.70	\$8.67
381	Engineering and scientific instruments .....	354.62	361.27	390.22	390.77	-	8.85	8.79	9.14	9.26	-
382	Measuring and controlling devices .....	338.04	336.44	348.80	359.39	-	8.43	8.39	8.57	8.66	-
3822	Environmental controls .....	310.02	303.03	324.41	335.71	-	7.77	7.77	8.01	8.07	-
3823	Process control instruments .....	351.53	332.73	353.83	369.28	-	8.43	8.36	8.63	8.73	-
3825	Instruments to measure electricity .....	346.75	366.27	361.26	369.33	-	8.96	8.89	8.92	9.03	-
383	Optical instruments and lenses .....	370.77	377.45	408.53	419.32	-	8.87	9.03	9.37	9.53	-
384	Medical instruments and supplies .....	291.20	288.62	305.72	312.01	-	7.19	7.27	7.53	7.61	-
3841	Surgical and medical instruments .....	291.10	292.98	304.16	309.37	-	7.17	7.27	7.51	7.62	-
3842	Surgical appliances and supplies .....	294.98	287.23	307.69	313.94	-	7.23	7.29	7.56	7.62	-
385	Ophthalmic goods .....	243.13	242.65	259.77	254.52	-	6.25	6.27	6.43	6.46	-
386	Photographic equipment and supplies .....	439.42	448.39	469.83	472.92	-	10.77	10.99	11.24	11.26	-
387	Watches, clocks, and watchcases .....	245.78	236.98	256.16	257.81	-	6.16	6.22	6.42	6.56	-
<b>MISCELLANEOUS MANUFACTURING</b>											
<b>INDUSTRIES</b>											
39	.....	260.13	260.06	273.71	279.60	274.25	6.67	6.72	6.86	6.99	7.05
391	Jewelry, silverware, and plated ware .....	275.26	262.63	294.40	296.66	-	7.04	7.06	7.35	7.53	-
3911	Jewelry, precious metal .....	271.21	255.50	293.60	292.55	-	6.99	7.00	7.34	7.54	-
393	Musical instruments .....	254.40	267.07	269.73	264.27	-	6.61	6.66	6.66	6.64	-
394	Toys and sporting goods .....	239.09	244.92	250.22	257.44	-	6.21	6.28	6.24	6.42	-
3942, 4	Dolls, games, toys, and children's vehicles .....	214.60	230.95	234.00	236.59	-	5.80	6.03	5.85	6.02	-
3949	Sporting and athletic goods, nec .....	257.00	255.17	268.00	276.89	-	6.49	6.46	6.65	6.77	-
395	Pens, pencils, office and art supplies .....	279.76	273.24	291.72	292.22	-	6.84	6.90	7.15	7.11	-
396	Costume jewelry and notions .....	211.86	215.84	214.48	219.58	-	5.68	5.68	5.75	5.84	-
3961	Costume jewelry .....	191.88	192.19	195.28	189.69	-	5.33	5.26	5.19	5.24	-
399	Miscellaneous manufactures .....	280.53	281.19	302.71	312.89	-	7.12	7.21	7.53	7.65	-
3993	Signs and advertising displays .....	336.00	299.92	330.48	341.55	-	7.65	7.77	8.16	8.27	-
<b>NONDURABLE GOODS</b>											
<b>FOOD AND KINDRED PRODUCTS</b>											
20	.....	319.18	315.51	327.55	333.23	328.55	8.06	8.09	8.23	8.31	8.36
201	Meat products .....	295.21	294.45	291.34	267.04	-	7.55	7.55	7.32	7.36	-
2011	Meat packing plants .....	357.79	369.82	351.94	336.59	-	8.82	8.89	8.32	8.27	-
2013	Sausages and other prepared meats .....	359.96	354.99	360.70	373.51	-	9.05	9.01	9.04	9.11	-
2016	Poultry dressing plants .....	139.53	188.44	202.91	198.01	-	5.25	5.22	5.44	5.47	-
202	Dairy products .....	339.05	336.10	359.51	356.18	-	8.31	8.34	8.79	8.73	-
2022	Cheese, natural and processed .....	307.32	306.87	323.05	321.87	-	7.88	7.95	8.22	8.19	-
2026	Fluid milk .....	356.93	352.70	381.60	376.74	-	8.58	8.54	9.00	8.97	-
203	Preserved fruits and vegetables .....	280.06	283.24	285.92	300.20	-	7.20	7.30	7.35	7.60	-
2032	Canned specialties .....	362.90	328.25	367.98	381.84	-	8.42	8.31	8.72	8.88	-
2033	Canned fruits and vegetables .....	235.71	296.74	276.99	303.73	-	7.27	7.57	7.27	7.67	-
2037	Frozen fruits and vegetables .....	263.74	265.16	271.36	291.37	-	6.66	6.73	7.03	7.23	-
204	Grain mill products .....	403.62	394.55	423.15	435.71	-	9.30	9.24	9.75	9.88	-
2041	Flour and other grain mill products .....	420.22	430.46	460.84	464.05	-	9.38	9.44	10.04	10.11	-
2048	Prepared feeds, nec .....	327.60	323.64	333.87	338.69	-	7.45	7.44	7.64	7.68	-
205	Bakery products .....	330.81	319.68	350.83	361.38	-	8.66	8.64	9.16	9.08	-
2051	Bread, cake, and related products .....	325.01	318.19	343.29	356.69	-	8.69	8.67	9.13	9.03	-
2052	Cookies and crackers .....	344.92	321.96	368.28	373.11	-	8.58	8.54	9.23	9.19	-
206	Sugar and confectionery products .....	312.98	307.31	321.73	321.07	-	7.69	7.78	7.79	7.85	-
2061-3	Cane and beet sugar .....	395.66	381.87	386.69	398.54	-	8.62	8.86	8.91	9.12	-
2065	Confectionery products .....	253.55	251.10	274.04	273.60	-	5.69	6.75	6.80	6.84	-
207	Fats and oils .....	330.35	362.94	390.71	356.05	-	8.49	8.48	8.90	8.92	-
208	Beverages .....	406.62	389.61	427.87	428.24	-	10.04	9.99	10.67	10.60	-
2082	Malt beverages .....	554.56	535.57	619.48	598.66	-	13.41	13.29	14.44	14.27	-
2086	Bottled and canned soft drinks .....	298.58	285.75	304.07	317.54	-	7.54	7.50	7.96	8.08	-
209	Misc. foods and kindred products .....	262.04	259.55	278.26	288.32	-	7.14	7.17	7.44	7.45	-
<b>TOBACCO MANUFACTURES</b>											
21	.....	364.98	360.26	431.75	387.56	389.46	9.63	9.87	10.74	10.28	10.67
211	Cigarettes .....	445.40	443.31	536.90	465.09	-	12.04	12.26	13.03	12.57	-
<b>TEXTILE MILL PRODUCTS</b>											
22	.....	236.77	237.12	256.66	258.71	255.36	6.04	6.08	6.26	6.31	6.40
221	Weaving mills, cotton .....	253.20	252.89	268.21	265.36	-	6.33	6.37	6.51	6.52	-
222	Weaving mills, synthetics .....	253.59	257.36	276.71	278.88	-	6.42	6.45	6.70	6.72	-
223	Weaving and finishing mills, wool .....	248.29	250.90	279.36	280.93	-	6.27	6.32	6.62	6.61	-
224	Narrow fabric mills .....	226.12	224.01	242.20	251.40	-	5.71	5.70	6.01	6.00	-
225	Knitting mills .....	235.34	211.69	227.88	226.13	-	5.52	5.63	5.74	5.77	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1962	Jan. 1963	Nov. 1963	Dec. 1963P	Jan. 1964P	Dec. 1962	Jan. 1963	Nov. 1963	Dec. 1963P	Jan. 1964P
<b>TRANSPORTATION EQUIPMENT—Continued</b>											
376	Guided missiles, space vehicles, parts	42.8	41.6	41.6	42.2	-	3.2	2.9	3.3	4.1	-
3761	Guided missiles and space vehicles	43.5	41.8	41.8	43.5	-	4.1	3.1	3.4	4.3	-
379	Miscellaneous transportation equipment	38.4	38.1	39.8	40.9	-	4.1	3.4	2.6	3.6	-
3792	Travel trailers and campers	37.9	38.4	38.4	37.7	-	1.5	1.5	1.7	2.1	-
<b>INSTRUMENTS AND RELATED PRODUCTS</b>											
38	Engineering and scientific instruments	40.4	40.1	41.0	41.4	40.9	1.6	1.5	2.3	2.7	-
381	Measuring and controlling devices	41.2	41.1	41.6	42.2	-	2.3	2.2	2.5	3.0	-
382	Environmental controls	40.1	40.1	40.7	41.5	-	1.4	1.2	1.9	2.4	-
3822	Process control instruments	39.9	39.0	40.5	41.6	-	1.5	1.8	2.2	2.5	-
3823	Instruments to measure electricity	41.7	39.3	41.0	42.3	-	1.4	1.0	1.4	2.3	-
3825	Optical instruments and lenses	33.7	41.2	40.5	40.9	-	1.0	1.1	1.6	1.9	-
383	Medical instruments and supplies	41.8	41.8	42.6	44.0	-	2.2	2.0	3.3	3.4	-
384	Surgical and medical instruments	40.5	39.7	40.5	41.0	-	2.4	1.7	2.5	3.0	-
3841	Surgical appliances and supplies	40.6	40.3	40.5	40.6	-	2.4	1.9	2.3	2.7	-
3842	Ophthalmic goods	40.6	39.4	40.7	41.2	-	2.6	1.6	2.7	3.2	-
385	Photographic equipment and supplies	33.9	38.7	40.4	39.4	-	1.3	.9	1.7	1.8	-
386	Watches, clocks, and watchcases	40.8	40.8	41.8	42.0	-	1.5	1.3	2.5	2.7	-
387		39.0	38.1	38.9	38.3	-	2.4	3.1	2.3	3.4	-
<b>MISCELLANEOUS MANUFACTURING</b>											
<b>INDUSTRIES</b>											
39	Jewelry, silverware, and plated ware	39.0	38.7	39.9	40.0	38.9	1.9	1.6	2.5	2.4	-
391	Jewelry, precious metal	39.1	37.2	40.0	39.4	-	2.1	1.4	3.0	2.7	-
3911	Musical instruments	33.8	36.5	40.0	38.8	-	2.4	1.3	3.5	2.7	-
393	Toys and sporting goods	40.0	40.1	40.5	39.6	-	2.0	1.1	1.9	1.8	-
394	Dolls, games, toys, and children's vehicles	33.5	39.0	40.1	40.1	-	1.6	1.6	2.6	2.3	-
3942, 4	Sporting and athletic goods, nec	37.0	38.3	40.0	39.3	-	.9	1.3	2.5	1.7	-
3949	Pens, pencils, office and art supplies	39.6	39.5	40.3	40.9	-	2.0	1.8	2.7	2.9	-
395	Costume jewelry and notions	40.9	39.6	40.8	41.1	-	1.5	1.7	2.3	2.4	-
396	Costume jewelry	37.3	38.0	37.3	37.6	-	1.9	2.0	2.6	2.5	-
3961	Miscellaneous manufactures	36.0	36.4	35.7	36.2	-	2.2	2.5	3.0	2.3	-
399	Signs and advertising displays	33.4	39.0	40.2	40.9	-	1.0	1.7	2.3	2.5	-
3993		40.0	38.6	40.5	41.3	-	2.1	1.9	2.5	3.1	-
<b>NONDURABLE GOODS</b>											
<b>FOOD AND KINDRED PRODUCTS</b>											
20	Meat products	39.6	39.0	39.8	40.1	39.3	3.4	3.2	3.7	3.6	-
201	Meat packing plants	39.1	39.0	39.8	39.0	-	3.4	3.2	3.3	3.6	-
2011	Sausages and other prepared meats	41.7	41.6	42.3	40.7	-	4.0	4.3	4.9	4.2	-
2013	Poultry dressing plants	35.6	39.4	39.9	41.0	-	3.6	2.9	3.5	4.4	-
2016	Dairy products	35.1	36.1	37.3	36.2	-	2.7	2.2	3.0	2.5	-
202	Cheese, natural and processed	40.8	40.3	40.9	40.8	-	3.5	3.3	4.1	3.8	-
2022	Fluid milk	39.0	38.6	39.3	39.3	-	3.2	2.9	3.7	3.4	-
2026	Preserved fruits and vegetables	41.6	41.3	42.4	42.0	-	4.0	3.8	4.6	4.3	-
203	Canned specialties	38.9	38.8	38.9	39.5	-	3.1	2.0	3.6	3.4	-
2032	Canned fruits and vegetables	43.1	39.5	42.2	43.0	-	5.8	4.3	5.3	6.7	-
2033	Frozen fruits and vegetables	33.3	37.2	38.1	39.6	-	2.6	2.4	3.3	3.1	-
2037	Grain mill products	39.6	42.7	43.4	44.1	-	3.5	4.0	3.5	3.3	-
204	Flour and other grain mill products	43.4	45.6	45.9	45.9	-	5.0	5.2	5.2	5.5	-
2041	Prepared feeds, nec	44.8	43.5	43.7	44.1	-	6.0	6.3	5.7	6.2	-
2048	Bakery products	44.0	37.0	38.3	39.6	-	5.5	5.8	5.7	6.0	-
205	Bread, cake, and related products	38.2	37.0	37.6	39.5	-	3.1	2.5	2.9	2.8	-
2051	Cookies and crackers	37.4	36.7	37.6	39.5	-	3.0	2.6	3.1	3.1	-
2052	Sugar and confectionery products	40.2	37.7	39.9	40.6	-	3.5	2.3	2.3	2.2	-
206	Cane and beet sugar	40.7	39.5	41.3	40.9	-	3.4	2.7	3.5	3.5	-
2061-3	Confectionery products	45.9	43.1	43.4	43.7	-	6.8	5.4	5.8	5.5	-
2065	Fats and oils	37.9	37.2	40.3	40.0	-	1.7	1.4	2.3	2.8	-
207	Beverages	44.8	42.8	43.9	44.4	-	5.5	4.8	5.4	5.0	-
208	Malt beverages	40.5	39.0	40.1	40.4	-	3.4	2.8	3.3	3.1	-
2082	Bottled and canned soft drinks	42.1	40.6	42.9	42.1	-	4.6	4.6	5.6	4.6	-
2086	Misc. foods and kindred products	39.6	38.1	38.2	39.3	-	3.1	2.1	2.3	2.6	-
209		36.7	36.2	37.4	38.7	-	2.6	2.5	3.0	3.0	-
<b>TOBACCO MANUFACTURES</b>											
21	Cigarettes	37.9	36.5	40.2	37.7	36.5	1.2	1.2	2.6	.9	-
211		37.0	36.1	41.3	37.0	-	.8	.9	3.2	.4	-
<b>TEXTILE MILL PRODUCTS</b>											
22	Weaving mills, cotton	39.2	39.0	41.0	41.0	39.9	2.6	2.6	3.8	3.8	-
221	Weaving mills, synthetics	40.0	39.7	41.2	40.7	-	3.1	3.2	4.0	3.7	-
222	Weaving and finishing mills, wool	39.5	39.9	41.3	41.5	-	2.6	2.4	4.0	4.0	-
223	Narrow fabric mills	39.6	39.7	42.2	42.5	-	3.5	3.6	5.1	4.4	-
224	Knitting mills	39.6	39.3	40.3	41.9	-	1.9	1.6	3.0	2.5	-
225		37.2	37.6	39.7	39.2	-	2.0	2.3	3.1	3.0	-

See footnotes at end of table.

## ESTABLISHMENT DATA HOURS AND EARNINGS

### C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
		<b>TEXTILE MILL PRODUCTS—Continued</b>									
2251	Women's hosiery, except socks	\$207.82	\$215.99	\$227.36	\$235.98	-	\$5.37	\$5.51	\$5.63	\$5.70	-
2252	Hosiery, nec	136.02	198.69	208.83	192.96	-	5.24	5.37	5.41	5.33	-
2253	Knit outerwear mills	131.17	197.64	217.34	214.12	-	5.34	5.49	5.66	5.62	-
2254	Knit underwear mills	133.24	194.51	208.50	201.96	-	5.20	5.30	5.35	5.40	-
2257	Circular knit fabric mills	252.28	249.20	271.15	274.75	-	6.26	6.23	6.38	6.48	-
226	Textile finishing, except wool	264.62	251.94	277.64	285.10	-	6.47	6.46	6.63	6.74	-
2261	Finishing plants, cotton	259.69	253.10	288.96	292.65	-	6.53	6.54	6.72	6.79	-
2262	Finishing plants, synthetics	271.89	259.29	272.30	285.53	-	6.73	6.70	7.00	7.05	-
227	Floor covering mills	251.72	240.56	271.57	274.80	-	6.20	6.20	6.42	6.59	-
228	Yarn and thread mills	219.79	223.26	242.43	243.72	-	5.65	5.71	5.87	5.93	-
2281	Yarn mills, except wool	220.70	224.80	247.13	249.13	-	5.63	5.72	5.87	5.96	-
2282	Throwing and winding mills	200.02	209.21	217.93	219.65	-	5.45	5.52	5.69	5.75	-
229	Miscellaneous textile goods	274.80	266.40	299.17	308.52	-	6.67	6.66	6.99	7.06	-
<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>											
23	Men's and boys' suits and coats	136.38	188.68	200.02	200.20	\$197.81	5.28	5.33	5.45	5.47	\$5.51
231	Men's and boys' suits and coats	217.10	214.11	233.58	234.47	-	5.15	6.10	6.33	6.32	-
232	Men's and boys' furnishings	172.91	177.35	186.39	184.13	-	4.83	4.94	4.97	4.99	-
2321	Men's and boys' shirts and nightwear	164.72	167.80	178.50	174.72	-	4.64	4.74	4.76	4.80	-
2327	Men's and boys' separate trousers	176.40	184.33	189.00	193.27	-	4.90	5.05	5.04	5.07	-
2328	Men's and boys' work clothing	175.69	178.20	187.11	184.51	-	4.84	4.95	4.95	4.96	-
233	Women's and misses' outerwear	175.73	178.34	186.86	192.50	-	5.23	5.23	5.49	5.50	-
2331	Women's and misses' blouses and waists	166.43	168.22	170.58	174.74	-	4.81	4.89	4.93	4.95	-
2335	Women's and misses' dresses	174.52	177.56	182.70	187.11	-	5.42	5.43	5.57	5.67	-
2337	Women's and misses' suits and coats	193.00	189.99	226.46	225.44	-	5.71	5.74	6.70	6.65	-
2339	Women's and misses' outerwear, nec	174.92	180.43	185.96	190.92	-	5.07	5.04	5.18	5.16	-
234	Women's and children's undergarments	161.96	169.53	188.60	180.20	-	4.75	4.83	4.95	4.91	-
2341	Women's and children's underwear	158.99	168.26	186.03	176.66	-	4.69	4.78	4.87	4.84	-
2342	Brassieres and allied garments	175.70	177.83	202.13	198.00	-	5.02	5.11	5.39	5.28	-
236	Children's outerwear	172.79	174.95	178.48	174.60	-	4.76	4.78	4.85	4.85	-
2361	Children's dresses and blouses	171.23	175.64	172.92	167.74	-	4.73	4.76	4.79	4.82	-
238	Misc. apparel and accessories	193.60	188.50	200.78	194.71	-	5.21	5.28	5.34	5.32	-
239	Misc. fabricated textile products	240.48	237.63	250.97	253.53	-	6.23	6.32	6.29	6.37	-
2391	Curtains and draperies	130.65	172.80	196.60	194.04	-	4.68	4.80	5.03	5.04	-
2392	House furnishing, nec	235.35	203.14	219.37	217.74	-	5.28	5.36	5.43	5.43	-
2396	Automotive and apparel trimmings	431.47	426.10	404.33	418.97	-	10.68	10.76	9.79	10.12	-
<b>PAPER AND ALLIED PRODUCTS</b>											
26	Paper and pulp mills	411.13	402.41	440.21	447.49	439.89	9.65	9.65	10.19	10.24	10.23
261, 2.6	Paper mills, except building paper	500.63	490.68	548.73	551.92	-	11.25	11.28	12.14	12.13	-
262	Paper mills, except building paper	507.83	495.89	548.13	551.30	-	11.26	11.27	12.10	12.09	-
263	Paperboard mills	500.44	497.46	560.45	559.63	-	11.72	11.65	12.51	12.69	-
264	Misc. converted paper products	355.73	347.65	371.90	386.06	-	8.49	8.50	8.94	9.02	-
2641	Paper coating and glazing	407.36	406.83	432.82	444.42	-	9.54	9.55	10.16	10.24	-
2642	Envelopes	323.33	318.74	376.20	346.86	-	7.81	7.87	8.20	8.22	-
2643	Bags, except textile bags	337.12	322.67	350.65	364.93	-	7.84	7.87	8.27	8.27	-
265	Paperboard containers and boxes	347.27	339.33	368.46	375.38	-	8.47	8.42	8.69	8.75	-
2651	Folding paperboard boxes	361.21	348.94	383.02	407.20	-	8.81	8.68	8.97	9.13	-
2653	Corrugated and solid fiber boxes	353.26	349.86	391.03	391.43	-	8.72	8.66	9.01	9.04	-
2654	Sanitary food containers	344.40	330.05	355.73	357.41	-	8.20	8.05	8.37	8.39	-
<b>PRINTING AND PUBLISHING</b>											
27	Newspapers	341.10	332.79	353.19	357.89	347.45	9.00	8.97	9.27	9.32	9.29
271	Newspapers	309.29	297.50	324.89	327.12	-	9.07	9.07	9.39	9.40	-
272	Periodicals	342.24	349.98	369.75	364.90	-	9.20	9.21	9.86	9.97	-
273	Books	326.82	315.59	347.20	344.46	-	8.38	8.24	8.69	8.59	-
2731	Book publishing	309.26	297.60	307.69	303.81	-	8.16	8.00	8.14	8.08	-
2732	Book printing	348.25	337.39	392.28	388.62	-	8.62	8.52	9.23	9.08	-
274	Miscellaneous publishing	237.65	287.07	294.49	290.96	-	7.98	7.93	8.39	8.15	-
275	Commercial printing	351.53	355.04	372.40	377.78	-	9.27	9.27	9.50	9.54	-
2751	Commercial printing, letterpress	338.03	331.88	348.30	355.68	-	8.78	8.85	9.00	9.12	-
2752	Commercial printing, lithographic	359.56	363.61	380.21	384.69	-	9.45	9.42	9.65	9.69	-
276	Manifold business forms	396.18	374.10	406.17	429.27	-	9.30	9.08	9.49	9.69	-
278	Blankbooks and bookbinding	232.20	280.21	283.58	294.62	-	7.02	7.13	7.29	7.44	-
279	Printing trade services	414.47	409.42	427.96	435.72	-	10.85	10.86	11.03	11.23	-
<b>CHEMICALS AND ALLIED PRODUCTS</b>											
28	Industrial inorganic chemicals	427.25	421.67	457.21	461.74	453.44	10.32	10.34	10.86	10.89	10.90
281	Industrial inorganic chemicals	464.06	465.68	515.82	512.68	-	11.43	11.47	12.03	12.12	-
2819	Industrial inorganic chemicals, nec	458.52	470.09	516.24	520.51	-	11.54	11.55	12.09	12.19	-
282	Plastics materials and synthetics	413.42	417.13	457.26	460.51	-	10.28	10.25	10.81	10.91	-
2821	Plastics materials and resins	464.40	461.05	512.74	510.38	-	11.11	11.03	11.76	11.76	-
2824	Organic fibers, noncellulosic	395.75	395.34	434.66	439.88	-	9.82	9.81	10.30	10.35	-
283	Drugs	334.70	389.05	411.64	415.89	-	9.42	9.42	10.04	10.07	-
2834	Pharmaceutical preparations	377.07	371.28	394.15	397.17	-	9.13	9.10	9.59	9.64	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
<b>TEXTILE MILL PRODUCTS—Continued</b>											
2251	Women's hosiery, except socks	38.7	39.2	40.6	41.4	-	2.5	3.1	3.5	4.2	-
2252	Hosiery, nec	35.5	37.0	38.6	35.8	-	1.3	1.6	2.2	1.6	-
2253	Knit outerwear mills	35.6	36.0	36.4	38.1	-	1.6	2.0	2.6	2.3	-
2254	Knit underwear mills	36.2	36.7	38.9	37.4	-	1.5	1.4	2.0	2.0	-
2257	Circular knit fabric mills	40.3	40.0	42.5	42.4	-	3.4	3.4	4.8	4.6	-
226	Textile finishing, except wool	40.9	39.0	41.5	42.3	-	3.1	2.6	4.7	4.4	-
2261	Finishing plants, cotton	41.3	38.7	43.0	43.1	-	3.4	2.4	4.5	4.3	-
2262	Finishing plants, synthetics	40.4	38.7	38.9	40.6	-	3.1	2.9	4.7	4.2	-
227	Floor covering mills	40.6	38.8	42.3	41.7	-	3.4	2.5	4.7	4.9	-
228	Yarn and thread mills	38.5	39.1	41.3	41.1	-	2.5	2.7	4.0	4.0	-
2281	Yarn mills, except wool	39.2	39.3	42.1	41.8	-	2.6	2.9	4.4	4.3	-
2282	Throwing and winding mills	36.7	37.9	38.3	38.2	-	2.0	2.3	2.8	3.9	-
229	Miscellaneous textile goods	41.2	40.0	42.8	43.7	-	2.7	2.5	4.1	4.4	-
<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>											
23	Men's and boys' suits and coats	35.3	35.4	36.7	36.6	35.9	1.0	1.0	1.5	1.4	-
231	Men's and boys' suits and coats	35.3	35.1	36.9	37.1	-	.5	.5	1.0	1.2	-
232	Men's and boys' furnishings	35.8	35.9	37.5	36.9	-	1.0	1.0	1.2	1.2	-
2321	Men's and boys' shirts and nightwear	35.5	35.4	37.5	36.4	-	1.0	.9	1.2	1.0	-
2327	Men's and boys' separate trousers	35.0	36.5	37.5	38.5	-	1.0	1.4	1.3	1.5	-
2328	Men's and boys' work clothing	36.3	36.0	37.8	37.2	-	1.2	1.0	1.0	1.1	-
233	Women's and misses' outerwear	33.6	34.1	34.4	35.0	-	.9	1.1	1.3	1.3	-
2331	Women's and misses' blouses and waists	34.6	34.4	34.6	35.3	-	1.0	1.1	1.2	1.4	-
2335	Women's and misses' dresses	32.2	32.7	32.8	33.0	-	.8	.9	.8	.8	-
2337	Women's and misses' suits and coats	33.8	33.1	33.8	33.9	-	.7	.8	1.3	1.1	-
2339	Women's and misses' underwear, nec	34.5	35.8	35.9	37.0	-	1.1	1.3	1.7	1.9	-
234	Women's and children's undergarments	34.1	35.1	38.1	36.7	-	.9	.7	2.2	1.6	-
2341	Women's and children's underwear	33.9	35.2	36.2	36.5	-	.9	.8	2.3	1.6	-
2342	Brassieres and allied garments	35.0	34.8	37.5	37.5	-	.5	.4	1.4	1.4	-
236	Children's outerwear	36.3	36.6	36.8	36.0	-	1.1	1.2	1.3	.8	-
2361	Children's dresses and blouses	30.2	36.9	36.1	34.8	-	.9	1.3	1.2	.7	-
238	Misc. apparel and accessories	36.2	35.7	37.6	36.6	-	1.2	1.1	1.9	1.2	-
239	Misc. fabricated textile products	38.6	37.6	39.9	39.8	-	1.5	1.3	2.7	2.4	-
2391	Curtains and draperies	38.6	36.0	36.7	36.9	-	1.0	.3	1.6	1.6	-
2392	House furnishings, nec	38.9	37.9	40.4	40.1	-	2.2	1.8	3.6	2.7	-
2396	Automotive and apparel trimmings	40.4	39.6	41.3	41.4	-	2.2	2.0	3.3	2.9	-
<b>PAPER AND ALLIED PRODUCTS</b>											
26	Paper and pulp mills	42.5	41.7	43.2	43.7	43.0	4.1	3.9	4.9	5.1	-
261, 2, 6	Paper mills, except building paper	44.5	43.5	45.2	45.5	-	5.7	5.6	6.8	6.7	-
262	Paper mills, except building paper	45.1	44.0	45.3	45.6	-	5.8	5.8	6.3	6.7	-
263	Paperboard mills	42.7	42.7	44.8	44.1	-	6.9	6.0	7.1	7.2	-
264	Misc. converted paper products	41.9	40.9	41.6	42.8	-	2.8	2.6	3.1	3.7	-
2641	Paper coating and glazing	42.7	42.6	42.6	43.4	-	2.5	2.4	3.4	2.8	-
2642	Envelopes	41.4	40.5	41.0	42.2	-	2.4	2.3	3.2	2.8	-
2643	Bags, except textile bags	43.0	41.0	42.4	43.6	-	3.7	3.0	3.4	4.2	-
265	Paperboard containers and boxes	41.0	40.3	42.4	42.9	-	3.1	2.8	4.1	4.3	-
2651	Folding paperboard boxes	41.6	40.2	42.7	44.6	-	3.0	2.5	3.8	5.1	-
2653	Corrugated and solid fiber boxes	41.2	40.4	43.4	43.3	-	3.5	3.3	4.8	4.7	-
2654	Sanitary food containers	42.0	41.0	42.5	42.6	-	2.6	2.1	3.3	2.5	-
<b>PRINTING AND PUBLISHING</b>											
27	Newspapers	37.9	37.1	38.1	38.4	37.4	2.6	2.2	2.9	3.1	-
271	Newspapers	34.1	32.8	34.6	34.8	-	1.7	1.1	2.2	2.1	-
272	Periodicals	37.2	38.0	37.5	36.6	-	2.7	2.7	2.5	2.1	-
273	Books	39.0	38.3	40.0	40.1	-	3.0	2.3	3.5	3.7	-
2731	Book publishing	37.9	37.2	37.8	37.6	-	1.7	1.3	2.0	1.9	-
2732	Book printing	40.4	39.6	42.5	42.8	-	4.5	3.6	5.3	5.7	-
274	Miscellaneous publishing	37.3	36.2	35.1	35.7	-	1.5	1.3	1.6	1.1	-
275	Commercial printing	39.0	38.3	39.2	39.6	-	3.0	2.6	3.3	3.4	-
2751	Commercial printing, letterpress	39.5	37.5	38.7	39.0	-	2.4	2.1	2.6	2.0	-
2752	Commercial printing, lithographic	39.1	39.6	39.4	39.7	-	3.1	2.7	3.6	3.5	-
276	Manifold business forms	42.6	41.2	42.8	44.3	-	4.4	3.2	4.5	6.0	-
278	Blankbooks and bookbinding	40.2	39.3	38.9	39.6	-	2.4	2.6	2.0	2.5	-
279	Printing trade service	33.2	37.7	36.9	38.8	-	3.4	3.1	3.9	3.5	-
<b>CHEMICALS AND ALLIED PRODUCTS</b>											
28	Industrial inorganic chemicals	41.4	40.8	42.1	42.4	41.6	2.7	2.7	3.4	3.4	-
281	Industrial inorganic chemicals	40.6	40.6	42.7	42.3	-	2.7	2.5	3.4	3.2	-
2819	Industrial inorganic chemicals, nec	40.6	40.7	42.7	42.7	-	2.8	2.7	3.3	3.3	-
282	Plastics materials and synthetics	40.8	40.7	42.3	42.6	-	2.3	2.4	3.3	3.5	-
2821	Plastics materials and resins	41.8	41.8	43.6	43.4	-	3.4	3.0	4.8	4.6	-
2824	Organic fibers, noncellulosic	40.3	40.3	42.2	42.5	-	1.4	2.0	2.4	2.8	-
283	Drugs	41.9	41.3	41.0	41.3	-	3.0	3.0	3.0	2.9	-
2834	Pharmaceutical preparations	41.3	40.8	41.1	41.2	-	3.0	2.9	3.0	3.0	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
284	Soap, cleaners, and toilet goods	\$355.01	\$384.71	\$416.07	\$419.61	-	\$9.45	\$9.57	\$9.93	\$9.85	-
2841	Soap and other detergents	532.22	517.37	576.63	567.93	-	12.32	12.26	12.90	12.92	-
2844	Toilet preparations	309.89	299.15	329.26	339.39	-	7.54	7.71	9.07	8.10	-
2842, 3	Polishing, sanitation, and finishing preparations	373.43	362.91	372.89	384.80	-	9.02	9.05	9.23	9.25	-
285	Paints and allied products	356.80	362.61	387.86	393.01	-	9.01	9.18	9.46	9.47	-
286	Industrial organic chemicals	517.41	510.83	562.46	572.88	-	12.29	12.25	13.02	13.20	-
2865	Cyclic crudes and intermediates	490.64	476.24	521.67	550.83	-	11.69	11.73	12.51	12.91	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	525.37	522.04	574.21	578.99	-	12.42	12.40	13.17	13.31	-
287	Agricultural chemicals	427.06	414.75	447.94	462.46	-	10.12	9.97	10.64	10.73	-
289	Miscellaneous chemical products	352.89	383.40	416.08	424.41	-	9.49	9.49	9.79	9.87	-
29	<b>PETROLEUM AND COAL PRODUCTS</b>	553.05	572.46	590.02	603.84	\$595.63	12.71	13.16	13.44	13.60	\$13.63
291	Petroleum refining	604.35	618.72	647.59	659.81	-	13.49	14.03	14.52	14.63	-
295	Paving and roofing materials	408.07	393.12	421.46	420.60	-	9.49	9.05	9.94	9.85	-
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b>	319.56	317.19	340.20	347.65	345.66	7.91	7.91	8.10	8.20	8.23
301	Tires and inner tubes	501.76	501.48	560.70	582.11	-	11.89	11.94	12.60	12.85	-
302	Rubber and plastics footwear	192.75	196.50	202.54	214.72	-	5.14	5.24	5.13	5.26	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	333.33	323.97	349.02	348.17	-	8.13	8.14	8.31	8.27	-
306	Fabricated rubber products, nec	297.75	292.57	326.56	332.64	-	7.50	7.47	7.85	7.92	-
307	Miscellaneous plastics products	290.24	287.68	308.16	314.07	-	7.22	7.21	7.59	7.46	-
31	<b>LEATHER AND LEATHER PRODUCTS</b>	196.33	196.90	207.39	207.20	201.14	5.44	5.50	5.56	5.57	5.65
311	Leather tanning and finishing	238.80	292.25	297.70	295.81	-	7.33	7.39	7.43	7.47	-
314	Footwear, except rubber	135.64	183.92	193.09	195.41	-	5.20	5.24	5.29	5.31	-
3143	Men's footwear, except athletic	154.54	193.60	204.61	225.15	-	5.48	5.50	5.53	5.59	-
3144	Women's footwear, except athletic	132.16	177.48	186.95	191.21	-	5.05	5.10	5.15	5.14	-
316	Luggage	236.74	250.25	242.25	237.44	-	6.32	6.50	6.46	6.40	-
317	Handbags and personal leather goods	174.89	186.52	206.32	197.08	-	5.04	5.21	5.21	5.20	-
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	416.30	409.04	432.69	435.60	433.16	10.62	10.68	11.01	11.20	11.05
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads	509.92	506.21	569.54	-	-	12.17	12.53	13.04	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b>	240.87	245.89	239.37	239.14	-	7.19	7.34	7.21	7.16	-
411	Local and suburban transportation	312.44	317.60	314.33	310.34	-	7.89	7.96	8.25	8.21	-
413	Intercity highway transportation	393.94	435.26	427.28	409.73	-	11.53	11.86	10.79	10.67	-
42	<b>TRUCKING AND WAREHOUSING</b>	409.36	385.88	405.02	416.85	-	10.47	10.29	10.52	10.58	-
421, 3	Trucking and trucking terminals	419.05	393.75	412.42	424.73	-	10.59	10.50	10.74	10.78	-
422	Public warehousing	262.68	279.00	292.53	297.47	-	7.40	7.44	7.52	7.55	-
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b>	573.09	588.94	592.33	608.58	-	13.39	13.69	14.10	14.49	-
48	<b>COMMUNICATION</b>	419.49	412.73	445.76	443.52	-	10.62	10.61	11.20	11.20	-
481	Telephone communication	447.60	439.70	483.17	480.39	-	11.15	11.16	11.93	11.95	-
4817	Switchboard operating employees	324.82	315.54	380.20	380.82	-	9.61	9.62	10.62	10.41	-
4818	Line construction employees	555.56	540.14	606.73	599.27	-	12.95	12.83	13.93	13.84	-
483	Radio and television broadcasting	334.15	324.80	340.21	341.32	-	8.84	8.95	9.17	9.20	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	462.85	463.61	491.64	498.87	-	11.18	11.28	11.79	11.78	-
491	Electric services	471.21	467.62	494.31	493.31	-	11.20	11.35	11.84	11.83	-
492	Gas production and distribution	415.52	419.42	444.14	445.11	-	10.11	10.18	10.73	10.92	-
493	Combination utility services	529.51	533.34	576.87	570.34	-	12.79	13.04	13.67	13.59	-
495	Sanitary services	352.56	370.94	364.83	365.08	-	8.93	9.06	8.92	8.97	-
-	<b>WHOLESALE AND RETAIL TRADE</b>	203.15	201.59	209.90	213.20	212.11	8.27	8.42	8.53	8.54	8.67
50, 51	<b>WHOLESALE TRADE</b>	317.34	318.27	331.35	335.40	334.66	8.20	8.31	8.54	8.60	8.67
50	<b>WHOLESALE TRADE-DURABLE GOODS</b>	317.86	319.32	332.02	336.94	-	8.13	8.23	8.47	8.53	-
501	Motor vehicles and automotive equipment	293.39	282.32	301.85	305.37	-	7.36	7.41	7.78	7.83	-
502	Furniture and home furnishings	286.86	221.23	285.89	286.52	-	7.51	7.56	7.63	7.60	-
503	Lumber and construction materials	308.90	306.09	319.93	323.51	-	7.88	7.95	8.12	8.19	-
504	Sporting goods, toys, and hobby goods	342.79	334.90	342.14	346.87	-	9.95	8.79	8.91	8.94	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
	<b>CHEMICALS AND ALLIED PRODUCTS—Cont'd</b>										
284	Soap, cleaners, and toilet goods .....	41.8	40.2	41.9	42.6	-	2.9	2.7	3.3	3.4	-
2841	Soap and other detergents .....	43.2	42.2	44.7	44.3	-	4.3	4.3	5.5	4.9	-
2844	Toilet preparations .....	41.1	38.8	40.8	41.9	-	2.0	1.7	2.5	2.9	-
2842, 3	Polishing, sanitation, and finishing preparations .....	41.4	40.1	40.4	41.6	-	2.6	2.5	2.1	2.5	-
285	Paints and allied products .....	39.6	39.5	41.0	41.5	-	1.7	2.1	2.3	2.4	-
286	Industrial organic chemicals .....	42.1	41.7	43.2	43.4	-	2.9	2.8	3.9	4.0	-
2865	Cyclic crudes and intermediates .....	41.3	40.6	41.7	43.0	-	3.0	2.6	3.5	3.8	-
2861, 9	Gum, wood, and industrial organic chemicals, nec .....	42.3	42.1	43.6	43.5	-	2.9	2.8	4.0	4.0	-
287	Agricultural chemicals .....	42.2	41.6	42.1	43.1	-	3.4	3.4	4.2	4.5	-
289	Miscellaneous chemical products .....	41.4	40.4	42.5	43.0	-	2.5	2.4	3.4	3.3	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	44.3	43.5	43.9	44.4	43.7	3.7	3.4	4.3	4.2	-
291	Petroleum refining .....	44.6	44.1	44.6	45.1	-	3.5	3.3	4.0	4.1	-
295	Paving and roofing materials .....	43.0	41.6	42.4	42.7	-	5.2	5.0	6.0	5.4	-
30	<b>RUBBER AND MISC. PLASTICS PRODUCTS</b> .....	40.4	40.1	42.0	42.4	42.0	2.6	2.5	4.0	4.2	-
301	Tires and inner tubes .....	42.2	42.0	44.5	45.3	-	2.7	2.4	5.4	5.1	-
302	Rubber and plastics footwear .....	37.5	37.5	39.1	40.9	-	1.1	1.0	1.6	2.2	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting .....	41.0	39.8	42.0	42.1	-	1.8	1.8	3.6	3.6	-
306	Fabricated rubber products, nec .....	39.7	39.3	41.5	42.0	-	2.4	2.1	3.5	3.7	-
307	Miscellaneous plastics products .....	40.2	39.9	41.7	42.1	-	3.0	2.8	3.9	4.0	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	36.1	35.8	37.3	37.2	35.6	1.2	1.1	1.8	1.6	-
311	Leather tanning and finishing .....	33.4	33.6	39.8	39.6	-	2.4	3.0	3.1	3.0	-
314	Footwear, except rubber .....	35.7	35.1	36.5	36.8	-	1.0	.8	1.1	1.4	-
3143	Men's footwear, except athletic .....	35.5	35.2	37.0	36.7	-	.5	.4	1.0	1.4	-
3144	Women's footwear, except athletic .....	35.0	34.8	36.3	37.2	-	1.4	1.0	1.2	1.5	-
316	Luggage .....	37.4	38.5	37.5	37.1	-	2.2	2.6	2.6	2.9	-
317	Handbags and personal leather goods .....	34.7	35.8	39.6	37.9	-	.8	.6	2.5	1.5	-
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	39.2	38.9	39.3	39.6	39.2	-	-	-	-	-
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup> .....	41.9	40.4	43.6	-	-	-	-	-	-	-
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> .....	33.5	33.5	33.2	33.4	-	-	-	-	-	-
411	Local and suburban transportation .....	33.6	33.9	33.1	33.8	-	-	-	-	-	-
413	Intercity highway transportation .....	34.6	36.7	35.6	39.4	-	-	-	-	-	-
42	<b>TRUCKING AND WAREHOUSING</b> .....	39.1	37.5	38.5	39.4	-	-	-	-	-	-
421, 3	Trucking and trucking terminals .....	39.2	37.5	35.4	35.4	-	-	-	-	-	-
422	Public warehousing .....	36.2	37.5	38.8	39.4	-	-	-	-	-	-
46	<b>PIPE LINES, EXCEPT NATURAL GAS</b> .....	42.8	40.4	41.3	42.0	-	-	-	-	-	-
48	<b>COMMUNICATION</b> .....	39.5	39.6	39.9	39.6	-	-	-	-	-	-
481	Telephone communication .....	40.0	39.4	40.5	40.2	-	-	-	-	-	-
4817	Switchboard operating employees <sup>3</sup> .....	35.8	32.8	35.8	35.7	-	-	-	-	-	-
4818	Line construction employees <sup>4</sup> .....	42.9	42.1	43.4	43.3	-	-	-	-	-	-
483	Radio and television broadcasting .....	37.8	36.7	37.1	37.1	-	-	-	-	-	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> .....	41.4	41.1	41.7	41.9	-	-	-	-	-	-
491	Electric services .....	41.7	41.2	41.8	41.7	-	-	-	-	-	-
492	Gas production and distribution .....	41.1	41.2	41.2	41.1	-	-	-	-	-	-
493	Combination utility services .....	41.4	40.9	42.2	42.0	-	-	-	-	-	-
495	Sanitary services .....	40.6	41.4	40.9	40.7	-	-	-	-	-	-
50, 51	<b>WHOLESALE AND RETAIL TRADE</b> .....	32.4	31.4	31.9	32.6	31.8	-	-	-	-	-
	<b>WHOLESALE TRADE</b> .....	35.7	36.3	36.8	39.0	38.6	-	-	-	-	-
50	<b>WHOLESALE TRADE-DURABLE GOODS</b> .....	39.1	38.6	39.2	39.6	-	-	-	-	-	-
501	Motor vehicles and automotive equipment .....	39.4	38.1	38.9	39.0	-	-	-	-	-	-
502	Furniture and home furnishings .....	35.2	37.2	37.6	37.7	-	-	-	-	-	-
503	Lumber and construction materials .....	39.2	38.5	39.4	39.5	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods .....	33.3	35.1	35.4	36.8	-	-	-	-	-	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
	<b>WHOLESALE TRADE-DURABLE GOODS—Continued</b>										
506	Metals and minerals, except petroleum .....	\$358.70	*362.18	*375.25	*380.55	-	\$8.99	\$9.10	\$9.22	\$9.35	-
506	Electrical goods .....	350.88	355.81	356.20	366.26	-	8.75	8.94	9.11	9.18	-
507	Hardware, plumbing, and heating equipment .....	296.79	298.37	308.85	314.01	-	7.61	7.69	7.96	7.99	-
508	Machinery, equipment, and supplies .....	329.44	332.28	348.39	351.25	-	8.40	8.52	8.82	8.87	-
509	Miscellaneous durable goods .....	255.83	256.66	272.83	273.62	-	6.75	6.79	6.95	6.98	-
51	<b>WHOLESALE TRADE-NON-DURABLE GOODS</b> .....	315.85	316.22	328.80	333.59	-	8.29	8.41	8.63	8.71	-
511	Paper and paper products .....	327.73	329.87	354.93	359.04	-	8.81	8.82	9.49	9.60	-
512	Drugs, proprietaries, and sundries .....	342.90	338.74	358.90	364.80	-	9.00	9.23	9.52	9.50	-
513	Apparel, piece goods, and notions .....	237.82	297.19	309.59	313.12	-	7.80	8.12	8.30	8.44	-
514	Groceries and related products .....	319.95	320.50	333.41	334.08	-	8.29	8.39	8.66	8.70	-
516	Chemicals and allied products .....	376.11	387.22	392.96	402.59	-	9.82	9.98	10.05	10.09	-
517	Petroleum and petroleum products .....	394.54	398.38	392.75	399.33	-	9.79	9.91	9.77	9.86	-
518	Beer, wine, and distilled beverages .....	376.54	356.00	372.60	390.19	-	10.26	10.00	10.35	10.69	-
519	Miscellaneous nondurable goods .....	257.09	253.33	261.05	263.90	-	6.73	6.81	6.98	7.00	-
52-59	<b>RETAIL TRADE</b> .....	168.97	164.99	173.14	177.14	\$174.04	5.54	5.65	5.81	5.77	\$5.85
52	<b>BUILDING MATERIALS AND GARDEN SUPPLIES</b> .....	219.94	216.22	225.98	226.06	-	6.15	6.16	6.33	6.35	-
521	Lumber and other building materials .....	230.87	227.89	239.08	239.58	-	6.36	6.33	6.55	6.60	-
525	Hardware stores .....	134.19	182.24	184.37	188.15	-	5.37	5.44	5.52	5.55	-
53	<b>GENERAL MERCHANDISE STORES</b> .....	172.37	157.62	163.83	177.23	-	5.32	5.55	5.63	5.47	-
531	Department stores .....	177.65	162.44	169.36	183.30	-	5.50	5.74	5.84	5.64	-
533	Variety stores .....	142.28	123.70	127.29	138.14	-	4.26	4.31	4.33	4.29	-
539	Misc. general merchandise stores .....	135.56	133.21	133.50	139.80	-	4.29	4.47	4.48	4.41	-
54	<b>FOOD STORES</b> .....	223.07	222.14	232.56	231.79	-	7.29	7.38	7.65	7.55	-
541	Grocery stores .....	232.71	231.49	243.27	242.40	-	7.58	7.64	7.95	7.97	-
546	Retail bakeries .....	148.26	135.34	148.70	152.29	-	5.13	5.05	5.11	5.18	-
55	<b>AUTOMOTIVE DEALERS AND SERVICE STATIONS</b> .....	239.20	239.76	250.92	253.13	-	6.43	6.48	6.60	6.86	-
551, 2	New and used car dealers .....	232.36	283.49	305.85	308.13	-	7.45	7.48	8.07	8.13	-
553	Auto and home supply stores .....	248.88	254.16	242.26	244.77	-	6.13	6.26	6.18	6.26	-
554	Gasoline service stations .....	178.34	177.68	179.75	180.94	-	5.11	5.15	5.21	5.26	-
56	<b>APPAREL AND ACCESSORY STORES</b> .....	146.32	137.50	141.78	150.45	-	4.91	5.00	5.13	5.10	-
561	Men's and boys' clothing and furnishings .....	183.66	178.15	176.35	191.55	-	5.60	5.71	5.82	5.84	-
562	Women's ready-to-wear stores .....	128.54	124.16	128.10	134.51	-	4.51	4.65	4.78	4.77	-
565	Family clothing stores .....	145.08	136.54	142.52	149.20	-	4.82	5.02	5.09	4.99	-
566	Shoe stores .....	153.92	138.48	148.43	157.00	-	5.20	5.11	5.32	5.34	-
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b> .....	222.89	218.88	229.83	234.93	-	6.35	6.40	6.74	6.79	-
571	Furniture and home furnishings stores .....	223.42	218.66	230.82	238.00	-	6.42	6.45	6.71	6.80	-
572	Household appliance stores .....	243.52	227.12	240.47	238.04	-	6.69	6.80	6.97	6.94	-
573	Radio, television, and music stores .....	210.35	215.66	222.11	227.12	-	6.01	6.11	6.69	6.68	-
58	<b>EATING AND DRINKING PLACES</b> .....	108.26	107.44	112.66	113.86	-	4.18	4.23	4.30	4.33	-
59	<b>MISCELLANEOUS RETAIL</b> .....	175.71	169.89	177.58	184.52	-	5.44	5.57	5.71	5.66	-
591	Drug stores and proprietary stores .....	153.33	148.90	157.59	161.22	-	5.16	5.28	5.51	5.41	-
594	Miscellaneous shopping goods stores .....	156.95	151.29	153.69	166.59	-	4.92	5.06	5.14	5.11	-
596	Nonstore retailers .....	215.25	204.79	217.22	221.27	-	6.15	6.36	6.26	6.34	-
598	Fuel and ice dealers .....	234.45	297.94	308.39	311.38	-	7.55	7.62	8.01	8.13	-
599	Retail stores, nec. .....	130.63	184.83	197.60	206.14	-	5.64	5.74	6.08	6.01	-
	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	254.46	252.44	266.78	268.60	276.70	7.01	7.19	7.39	7.42	7.56
60	<b>BANKING</b> .....	219.86	227.06	230.14	233.87	-	5.04	6.17	6.34	6.39	-
602	Commercial and stock savings banks .....	212.94	220.80	225.79	229.12	-	5.85	6.00	6.22	6.26	-
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	225.95	233.47	237.90	238.63	-	6.14	6.31	6.50	6.52	-
612	Savings and loan associations .....	232.84	211.12	209.43	210.37	-	5.75	5.80	5.85	5.86	-
614	Personal credit institutions .....	231.63	242.73	243.85	243.46	-	6.21	6.49	6.52	6.58	-
63	<b>INSURANCE CARRIERS</b> .....	293.55	299.20	307.84	310.53	-	7.87	8.00	8.32	8.37	-
631	Life insurance .....	254.52	300.00	313.39	316.46	-	7.96	8.13	8.47	8.53	-
632	Medical service and health insurance .....	283.67	293.75	293.72	301.07	-	7.49	7.61	7.95	8.05	-
633	Fire, marine, and casualty insurance .....	294.26	298.34	307.84	309.79	-	7.93	8.02	8.32	8.35	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls  
by industry — Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
	<b>WHOLESALE TRADE-DURABLE GOODS—Continued</b>										
505	Metals and minerals, except petroleum .....	39.9	39.8	40.7	40.7	-	-	-	-	-	-
506	Electrical goods .....	40.1	39.8	39.1	39.9	-	-	-	-	-	-
507	Hardware, plumbing, and heating equipment .....	39.0	38.8	38.8	39.3	-	-	-	-	-	-
508	Machinery, equipment, and supplies .....	39.1	39.0	39.5	39.6	-	-	-	-	-	-
509	Miscellaneous durable goods .....	37.9	37.8	39.2	39.2	-	-	-	-	-	-
51	<b>WHOLESALE TRADE-NONDURABLE GOODS</b> ..	33.1	37.6	38.1	38.3	-	-	-	-	-	-
511	Paper and paper products .....	37.2	37.4	37.4	37.4	-	-	-	-	-	-
512	Drugs, proprietaries, and sundries .....	39.1	36.7	37.7	38.4	-	-	-	-	-	-
513	Apparel, piece goods, and notions .....	35.9	36.6	37.3	37.1	-	-	-	-	-	-
514	Groceries and related products .....	38.6	39.2	36.5	38.4	-	-	-	-	-	-
516	Chemicals and allied products .....	33.3	36.8	39.1	39.9	-	-	-	-	-	-
517	Petroleum and petroleum products .....	40.3	40.2	40.2	40.5	-	-	-	-	-	-
518	Beer, wine, and distilled beverages .....	36.7	35.6	36.0	36.5	-	-	-	-	-	-
519	Miscellaneous nondurable goods .....	33.2	37.2	37.4	37.7	-	-	-	-	-	-
52-59	<b>RETAIL TRADE</b> .....	30.5	29.2	29.8	30.7	29.7	-	-	-	-	-
52	<b>BUILDING MATERIALS AND GARDEN SUPPLIES</b> .....	35.6	35.1	35.7	35.6	-	-	-	-	-	-
521	Lumber and other building materials .....	36.3	36.0	36.5	36.3	-	-	-	-	-	-
525	Hardware stores .....	34.3	33.5	33.4	33.9	-	-	-	-	-	-
53	<b>GENERAL MERCHANDISE STORES</b> .....	32.4	28.4	29.1	32.4	-	-	-	-	-	-
531	Department stores .....	32.3	28.3	29.0	32.5	-	-	-	-	-	-
533	Variety stores .....	33.4	28.7	29.6	32.2	-	-	-	-	-	-
539	Misc. general merchandise stores .....	31.6	29.8	29.8	31.7	-	-	-	-	-	-
54	<b>FOOD STORES</b> .....	33.6	30.1	30.4	30.7	-	-	-	-	-	-
541	Grocery stores .....	33.7	30.3	30.6	30.8	-	-	-	-	-	-
546	Retail bakeries .....	29.9	26.8	29.1	29.4	-	-	-	-	-	-
55	<b>AUTOMOTIVE DEALERS AND SERVICE STATIONS</b> .....	37.2	37.0	36.9	36.9	-	-	-	-	-	-
551, 2	New and used car dealers .....	37.9	37.9	37.9	37.9	-	-	-	-	-	-
553	Auto and home supply stores .....	40.6	40.6	39.2	39.1	-	-	-	-	-	-
554	Gasoline service stations .....	34.9	34.5	34.5	34.4	-	-	-	-	-	-
56	<b>APPAREL AND ACCESSORY STORES</b> .....	29.8	27.5	27.8	29.5	-	-	-	-	-	-
561	Men's and boys' clothing and furnishings .....	32.8	31.2	30.3	32.8	-	-	-	-	-	-
562	Women's ready-to-wear stores .....	23.5	26.7	26.8	28.2	-	-	-	-	-	-
565	Family clothing stores .....	33.1	27.2	28.0	29.9	-	-	-	-	-	-
566	Shoe stores .....	29.6	27.1	27.9	29.4	-	-	-	-	-	-
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b> .....	35.1	34.2	34.1	34.6	-	-	-	-	-	-
571	Furniture and home furnishings stores .....	34.8	33.9	34.4	35.0	-	-	-	-	-	-
572	Household appliance stores .....	35.4	33.4	34.5	34.3	-	-	-	-	-	-
573	Radio, television, and music stores .....	35.0	35.3	33.2	34.0	-	-	-	-	-	-
58	<b>EATING AND DRINKING PLACES</b> .....	25.9	25.4	26.2	26.3	-	-	-	-	-	-
59	<b>MISCELLANEOUS RETAIL</b> .....	32.3	30.5	31.1	32.6	-	-	-	-	-	-
591	Drug stores and proprietary stores .....	23.6	28.2	26.6	29.8	-	-	-	-	-	-
594	Miscellaneous shopping goods stores .....	31.9	29.9	29.9	32.6	-	-	-	-	-	-
596	Nonstore retailers .....	35.0	32.2	34.7	34.9	-	-	-	-	-	-
598	Fuel and ice dealers .....	33.0	39.1	38.5	38.3	-	-	-	-	-	-
599	Retail stores, nec .....	33.8	32.2	32.5	34.3	-	-	-	-	-	-
	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> ..	36.3	36.5	36.1	36.2	36.6	-	-	-	-	-
60	<b>BANKING</b> .....	36.4	36.8	36.3	36.6	-	-	-	-	-	-
602	Commercial and stock savings banks .....	36.4	36.8	36.3	36.6	-	-	-	-	-	-
61	<b>CREDIT AGENCIES OTHER THAN BANKS</b> .....	36.6	37.0	36.6	36.6	-	-	-	-	-	-
612	Savings and loan associations .....	35.9	36.4	35.8	35.9	-	-	-	-	-	-
614	Personal credit institutions .....	37.3	37.4	37.4	37.0	-	-	-	-	-	-
63	<b>INSURANCE CARRIERS</b> .....	37.3	37.4	37.0	37.1	-	-	-	-	-	-
631	Life insurance .....	37.0	36.9	37.0	37.1	-	-	-	-	-	-
632	Medical service and health insurance .....	37.9	38.6	36.9	37.4	-	-	-	-	-	-
633	Fire, marine, and casualty insurance .....	37.1	37.2	37.0	37.1	-	-	-	-	-	-

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983 <sup>p</sup>	Jan. 1984 <sup>p</sup>	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983 <sup>p</sup>	Jan. 1984 <sup>p</sup>
	<b>SERVICES</b> .....	\$232.11	\$234.79	\$241.57	\$242.22	\$245.80	\$7.12	\$7.18	\$7.41	\$7.43	\$7.54
701	<b>HOTELS AND OTHER LODGING PLACES:</b> Hotels, motels, and tourist courts <sup>2</sup> .....	153.24	154.88	163.71	164.05	-	5.23	5.25	5.35	5.45	
721	<b>PERSONAL SERVICES:</b> Laundry, cleaning, and garment services .....	178.27	176.49	185.98	188.78	-	5.29	5.30	5.47	5.52	-
723	Beauty shops <sup>3</sup> .....	158.12	152.64	156.31	160.60	-	5.36	5.30	5.39	5.50	-
73	<b>BUSINESS SERVICES</b> .....	234.68	240.37	250.42	249.83	-	7.09	7.24	7.52	7.48	-
731	Advertising .....	336.81	345.80	363.09	369.17	-	9.33	9.50	10.03	10.17	-
734	Services to buildings .....	158.44	159.85	167.31	170.01	-	5.72	5.75	6.04	6.05	-
737	Computer and data processing services .....	329.24	341.89	369.36	368.55	-	8.71	8.95	9.72	9.75	-
75	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	256.81	256.13	262.55	265.08	-	6.83	6.83	7.02	7.05	-
753	Automotive repair shops .....	235.18	284.40	292.55	297.55	-	7.35	7.33	7.54	7.61	-
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	327.21	309.94	324.69	329.33	-	8.39	8.13	8.39	8.38	-
78	<b>MOTION PICTURES</b> .....	284.35	300.89	315.23	336.01	-	10.61	10.67	10.87	11.39	-
781	Motion picture production and services .....	528.26	589.05	588.24	637.17	-	15.05	15.38	14.78	15.85	-
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	192.81	186.30	198.07	201.39	-	6.47	6.38	6.76	6.85	-
80	<b>HEALTH SERVICES</b> .....	235.24	236.88	242.35	242.68	-	7.15	7.20	7.43	7.49	-
801	Offices of physicians .....	227.45	230.72	226.81	226.69	-	7.13	7.21	7.34	7.36	-
802	Offices of dentists .....	195.68	198.95	199.88	202.28	-	6.89	7.03	7.19	7.25	-
805	Nursing and personal care facilities .....	155.47	159.13	161.91	162.11	-	4.92	5.02	5.14	5.13	-
806	Hospitals .....	257.00	269.39	280.69	280.20	-	7.83	7.90	8.28	8.29	-
81	<b>LEGAL SERVICES</b> .....	314.36	321.67	322.92	328.41	-	9.06	9.27	9.36	9.41	-
89	<b>MISCELLANEOUS SERVICES</b> .....	406.51	412.73	417.96	420.59	-	10.45	10.61	10.80	10.84	-
891	Engineering and architectural services .....	446.69	450.77	464.47	468.03	-	11.23	11.47	11.67	11.73	-
893	Accounting, auditing, and bookkeeping .....	334.18	346.37	344.51	346.71	-	8.68	8.95	9.09	9.10	-

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>2</sup> Beginning January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1977, such employees made up 20 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the

total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>5</sup> Money payments only; tips, not included.

<sup>6</sup> Data for nonoffice sales agents excluded from all series in this division.

- Data not available.

p = preliminary.

NOTE: Data from April 1982 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustments" under the Establishment Data section of the Explanatory Notes.

\*\*Data for Railroad equipment industry (SIC 374)

1983	Average weekly earnings	Average hourly earnings	Average weekly hours	Average overtime hours
July .....	\$468.06	\$11.91	39.3	2.7
August .....	464.84	12.33	37.7	1.8
September .....	494.66	12.46	39.7	2.5
October .....	459.27	12.15	37.8	1.1

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls  
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
	<b>SERVICES</b> .....	32.6	32.7	32.6	32.6	32.6	-	-	-	-	-
	<b>HOTELS AND OTHER LODGING PLACES:</b>										
701	Hotels, motels, and tourist courts .....	29.3	29.5	30.6	30.1	-	-	-	-	-	
	<b>PERSONAL SERVICES:</b>										
721	Laundry, cleaning, and garment services .....	33.7	33.3	34.0	34.2	-	-	-	-	-	
723	Beauty shops <sup>5</sup> .....	29.5	28.8	29.0	29.2	-	-	-	-	-	
	<b>BUSINESS SERVICES</b> .....	33.1	32.2	33.3	33.4	-	-	-	-	-	
731	Advertising .....	35.1	36.4	36.2	36.3	-	-	-	-	-	
734	Services to buildings .....	27.7	27.8	27.7	28.1	-	-	-	-	-	
737	Computer and data processing services .....	37.8	39.2	38.0	37.5	-	-	-	-	-	
	<b>AUTO REPAIR, SERVICES, AND GARAGES</b> .....	37.6	37.5	37.4	37.6	-	-	-	-	-	
753	Automotive repair shops .....	33.8	36.8	38.6	39.1	-	-	-	-	-	
76	<b>MISCELLANEOUS REPAIR SERVICES</b> .....	39.0	38.0	38.7	39.3	-	-	-	-	-	
	<b>MOTION PICTURES</b> .....	20.6	28.2	29.0	29.5	-	-	-	-	-	
781	Motion picture production and services .....	35.1	36.3	39.8	40.2	-	-	-	-	-	
79	<b>AMUSEMENT AND RECREATION SERVICES</b> .....	29.6	29.2	29.3	29.4	-	-	-	-	-	
	<b>HEALTH SERVICES</b> .....	32.9	32.9	32.4	32.4	-	-	-	-	-	
801	Offices of physicians .....	31.9	32.0	30.9	30.8	-	-	-	-	-	
802	Offices of dentists .....	28.4	28.3	27.8	27.9	-	-	-	-	-	
805	Nursing and personal care facilities .....	31.6	31.7	31.5	31.6	-	-	-	-	-	
806	Hospitals .....	34.1	34.1	33.9	33.8	-	-	-	-	-	
81	<b>LEGAL SERVICES</b> .....	34.7	34.7	34.5	34.9	-	-	-	-	-	
	<b>MISCELLANEOUS SERVICES</b> .....	38.9	38.9	38.7	38.8	-	-	-	-	-	
891	Engineering and architectural services .....	39.6	39.3	39.6	39.9	-	-	-	-	-	
893	Accounting, auditing, and bookkeeping .....	38.5	38.7	37.9	38.1	-	-	-	-	-	

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
<b>MANUFACTURING</b> .....	\$9.42	\$8.46	\$8.62	\$8.68	\$8.72
<b>DURABLE GOODS</b> .....	8.97	9.02	9.16	9.21	9.24
Lumber and wood products .....	7.32	7.45	7.51	7.50	-
Furniture and fixtures .....	6.30	6.36	6.52	6.53	-
Stone, clay, and glass products .....	8.73	8.75	8.93	8.95	-
Primary metal industries .....	11.20	11.27	10.83	10.83	-
Fabricated metal products .....	8.77	8.76	8.89	8.96	-
Machinery, except electrical .....	9.16	9.17	9.42	9.46	-
Electric and electronic equipment .....	8.29	8.34	8.45	8.50	-
Transportation equipment .....	11.02	11.03	11.38	11.43	-
Instruments and related products .....	9.20	8.27	8.38	8.42	-
Miscellaneous manufacturing industries .....	6.51	6.58	6.65	6.78	-
<b>NONDURABLE GOODS</b> .....	7.69	7.72	7.86	7.92	7.97
Food and kindred products .....	7.73	7.77	7.97	7.96	-
Tobacco manufactures .....	9.47	9.71	10.40	10.17	-
Textile mill products .....	5.84	5.89	5.98	6.03	-
Apparel and other textile products .....	5.21	5.25	5.36	5.36	-
Paper and allied products .....	9.21	9.22	9.65	9.68	-
Printing and publishing .....	8.79	8.71	8.93	8.96	-
Chemicals and allied products .....	9.99	10.01	10.44	10.47	-
Petroleum and coal products .....	12.20	12.66	12.82	12.92	-
Rubber and misc. plastics products .....	7.65	7.67	7.74	7.81	-
Leather and leather products .....	5.35	5.42	5.45	5.45	-

<sup>1</sup> Derived by assuming that overtime hours are paid at the rate of time and one-half. p = preliminary.

## C-4. Gross average weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983P	Jan. 1984P
<b>TOTAL PRIVATE:</b>					
Current dollars .....	\$273.70	\$273.34	\$286.42	\$289.33	\$299.22
Constant (1977) dollars .....	170.11	169.88	172.44	174.19	-
<b>MINING:</b>					
Current dollars .....	465.47	476.43	490.35	499.22	\$500.55
Constant (1977) dollars .....	299.29	296.10	295.21	300.55	-
<b>CONSTRUCTION:</b>					
Current dollars .....	440.13	440.96	431.61	441.97	\$437.05
Constant (1977) dollars .....	273.54	274.06	259.85	266.09	-
<b>MANUFACTURING:</b>					
Current dollars .....	344.60	341.43	366.79	373.27	\$366.43
Constant (1977) dollars .....	214.17	212.20	220.82	224.73	-
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>					
Current dollars .....	416.30	409.04	432.69	435.60	\$433.16
Constant (1977) dollars .....	258.73	254.22	260.50	262.25	-
<b>WHOLESALE AND RETAIL TRADE:</b>					
Current dollars .....	203.15	201.59	209.90	213.20	\$212.11
Constant (1977) dollars .....	126.76	125.29	126.37	123.76	-
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>					
Current dollars .....	254.46	262.44	266.78	268.60	\$276.70
Constant (1977) dollars .....	153.15	163.11	160.61	161.71	-
<b>SERVICES:</b>					
Current dollars .....	232.11	234.79	241.57	242.22	\$245.80
Constant (1977) dollars .....	144.26	145.92	145.44	145.83	-

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p = preliminary.



## ESTABLISHMENT DATA HOURS AND EARNINGS

### C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983F	Jan. 1984P
	Hours				
<b>TOTAL PRIVATE</b> . . . . .	104.5	100.7	105.0	110.4	106.6
<b>GOODS-PRODUCING</b> . . . . .	89.0	85.3	97.8	97.7	94.2
<b>MINING</b> . . . . .	117.9	115.5	119.0	120.6	119.3
<b>CONSTRUCTION</b> . . . . .	96.4	86.1	109.1	104.6	94.4
<b>MANUFACTURING</b> . . . . .	84.9	83.3	94.7	95.3	93.0
<b>DURABLE GOODS</b> . . . . .	81.0	79.8	92.9	94.3	92.2
Lumber and wood products . . . . .	78.1	78.6	96.3	95.7	92.9
Furniture and fixtures . . . . .	88.7	95.3	102.2	105.3	100.5
Stone, clay, and glass products . . . . .	75.0	73.3	88.0	85.2	90.3
Primary metal industries . . . . .	60.3	61.3	71.2	73.0	72.1
Fabricated metal products . . . . .	79.6	78.1	89.7	91.2	88.9
Machinery, except electrical . . . . .	82.1	79.6	90.5	94.1	93.4
Electric and electronic equipment . . . . .	94.0	93.9	108.8	110.9	110.4
Transportation equipment . . . . .	79.2	77.7	94.2	95.4	92.1
Instruments and related products . . . . .	103.5	101.5	105.9	106.8	106.4
Miscellaneous manufacturing industries . . . . .	79.0	76.4	89.3	86.6	81.1
<b>NONDURABLE GOODS</b> . . . . .	90.7	88.6	97.3	96.9	94.3
Food and kindred products . . . . .	94.6	90.1	98.4	96.1	92.0
Tobacco manufactures . . . . .	100.0	94.2	91.6	87.0	82.1
Textile mill products . . . . .	76.6	75.1	84.8	84.7	81.9
Apparel and other textile products . . . . .	83.6	84.0	93.7	91.9	90.1
Paper and allied products . . . . .	92.8	90.5	97.3	96.8	96.9
Printing and publishing . . . . .	109.1	105.6	112.7	114.5	111.0
Chemicals and allied products . . . . .	94.5	92.6	96.6	97.6	95.8
Petroleum and coal products . . . . .	92.5	90.5	90.7	86.7	85.9
Rubber and misc. plastics products . . . . .	91.9	91.1	109.0	110.5	110.2
Leather and leather products . . . . .	78.3	77.6	86.2	83.2	78.4
<b>SERVICE-PRODUCING</b> . . . . .	113.6	109.2	115.1	117.4	113.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> . . . . .	101.5	96.8	102.1	102.4	99.5
<b>WHOLESALE AND RETAIL TRADE</b> . . . . .	109.9	101.4	107.5	112.3	105.0
<b>WHOLESALE TRADE</b> . . . . .	107.7	105.2	110.2	111.0	109.5
<b>RETAIL TRADE</b> . . . . .	109.3	99.9	106.4	112.8	103.3
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> . . . . .	116.7	116.6	119.3	120.1	120.8
<b>SERVICES</b> . . . . .	122.7	121.0	127.7	128.2	126.5

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p = preliminary.

# ESTABLISHMENT DATA HOURS AND EARNINGS

## C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Dec. 1982	Jan. 1983	Nov. 1983	Dec. 1983 <sup>a</sup>	Jan. 1984 <sup>b</sup>
	Payrolls				
<b>TOTAL PRIVATE</b> .....	155.6	151.6	169.4	171.5	167.3
<b>GOODS-PRODUCING</b> .....	134.9	130.8	153.9	154.7	149.1
<b>MINING</b> .....	187.3	186.5	195.8	198.8	198.5
<b>CONSTRUCTION</b> .....	142.2	129.9	160.1	154.9	140.3
<b>MANUFACTURING</b> .....	125.9	127.8	149.8	152.1	148.7
<b>DURABLE GOODS</b> .....	123.5	121.8	146.5	149.7	146.3
Lumber and wood products .....	115.8	118.5	147.4	146.4	143.8
Furniture and fixtures .....	131.9	127.7	159.4	164.2	156.7
Stone, clay, and glass products .....	118.7	114.7	142.6	138.0	130.5
Primary metal industries .....	93.6	95.7	108.8	111.6	110.6
Fabricated metal products .....	120.8	118.6	140.7	144.8	140.6
Machinery, except electrical .....	123.7	119.5	141.9	149.1	147.7
Electric and electronic equipment .....	143.5	148.7	177.3	182.1	181.8
Transportation equipment .....	124.2	121.6	155.4	157.8	151.2
Instruments and related products .....	164.0	161.6	172.5	175.6	174.4
Miscellaneous manufacturing industries .....	120.7	117.7	140.4	138.8	131.1
<b>NONDURABLE GOODS</b> .....	141.2	138.3	155.7	156.3	152.8
Food and kindred products .....	141.9	135.6	150.7	148.6	143.1
Tobacco manufactures .....	173.8	167.9	177.4	161.5	159.1
Textile mill products .....	115.9	114.7	133.2	134.1	131.4
Apparel and other textile products .....	121.9	123.5	140.8	138.6	137.0
Paper and allied products .....	150.3	146.6	166.5	169.9	166.2
Printing and publishing .....	160.4	154.8	170.7	174.2	168.4
Chemicals and allied products .....	151.5	148.8	163.1	165.2	162.3
Petroleum and coal products .....	150.2	152.2	155.8	154.1	149.5
Rubber and misc. plastics products .....	140.6	139.3	170.8	175.1	175.3
Leather and leather products .....	113.2	118.4	133.0	128.6	122.8
<b>SERVICE-PRODUCING</b> .....	170.2	166.3	180.3	183.4	180.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	154.2	148.0	160.8	161.1	157.4
<b>WHOLESALE AND RETAIL TRADE</b> .....	159.5	152.1	165.3	171.7	163.7
<b>WHOLESALE TRADE</b> .....	163.9	162.1	174.5	177.1	176.1
<b>RETAIL TRADE</b> .....	157.2	146.7	160.4	168.9	157.1
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	180.1	184.5	194.0	196.2	201.0
<b>SERVICES</b> .....	187.7	186.9	203.5	204.7	205.1

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED HOURS**

**C-6. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls  
by industry division and major manufacturing group, seasonally adjusted**

Industry	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>2</sup>	Jan. <sup>P</sup>
<b>TOTAL PRIVATE</b> .....	35.1	34.5	34.9	34.9	35.1	35.1	35.0	35.0	35.2	35.3	35.2	35.3	35.6
<b>MINING</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>CONSTRUCTION</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>MANUFACTURING</b> .....	39.7	39.2	39.5	40.1	40.0	40.1	40.2	40.3	40.6	40.6	40.6	40.5	40.9
<i>Overtime hours</i> .....	2.4	2.4	2.6	2.9	2.7	2.9	3.0	3.1	3.3	3.3	3.3	3.4	3.4
<b>DURABLE GOODS</b> .....	40.1	39.7	39.9	40.5	40.4	40.6	40.8	40.8	41.5	41.2	41.2	41.2	41.6
<i>Overtime hours</i> .....	2.2	2.3	2.5	2.8	2.6	2.8	3.0	3.1	3.4	3.4	3.5	3.5	3.6
Lumber and wood products .....	40.5	39.5	39.5	40.0	39.9	40.0	39.9	40.2	40.5	40.3	39.7	39.9	40.9
Furniture and fixtures .....	38.6	37.9	38.3	39.3	39.2	39.6	39.7	39.7	40.0	39.8	39.7	40.2	40.5
Stone, clay, and glass products .....	41.4	40.5	40.6	41.0	41.2	41.6	41.7	41.7	42.1	41.7	41.7	41.6	42.1
Primary metal industries .....	38.9	35.1	39.4	39.9	40.3	40.3	40.8	40.9	41.2	41.7	41.6	42.0	41.7
Fabricated metal products .....	39.9	39.6	39.7	40.5	40.4	40.5	40.7	40.9	41.6	41.2	41.4	41.4	41.6
Machinery, except electrical .....	39.6	39.4	39.7	40.2	40.0	40.4	40.7	40.7	41.2	41.3	41.3	41.4	41.9
Electric and electronic equipment .....	39.9	39.5	39.8	40.4	40.3	40.5	40.8	40.7	41.1	41.1	41.1	40.9	41.4
Transportation equipment .....	41.6	41.2	41.7	42.3	41.6	41.9	42.0	41.6	43.5	42.5	42.5	41.9	42.8
Instruments and related products .....	40.4	39.7	40.0	40.5	40.4	40.1	40.7	40.4	41.0	40.7	40.6	40.7	41.2
Miscellaneous manufacturing ind .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>NONDURABLE GOODS</b> .....	39.1	38.5	39.0	39.5	39.4	39.6	39.5	39.5	39.9	39.7	39.7	39.7	39.8
<i>Overtime hours</i> .....	2.6	2.6	2.7	3.0	2.9	3.0	3.0	3.1	3.1	3.1	3.1	3.2	3.1
Food and kindred products .....	39.3	39.0	39.2	39.6	39.4	39.8	39.4	39.6	39.9	39.7	39.5	39.6	39.5
Tobacco manufactures .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products .....	39.7	39.0	39.6	40.6	40.4	40.7	40.7	40.9	41.3	40.7	40.7	40.7	40.7
Apparel and other textile products .....	36.6	35.2	35.6	36.2	36.1	36.1	35.8	36.2	36.8	36.5	36.4	36.4	37.1
Paper and allied products .....	41.8	41.4	42.1	42.4	42.7	42.8	42.9	42.9	43.3	43.2	43.0	42.9	43.1
Printing and publishing .....	37.5	37.1	37.4	37.7	37.4	37.6	37.7	37.5	37.8	38.0	37.9	37.6	37.8
Chemicals and allied products .....	41.0	41.0	41.2	41.5	41.6	41.9	41.8	41.5	41.7	41.7	41.8	41.9	41.8
Petroleum and coal products .....	44.5	44.4	44.9	43.5	43.6	43.8	43.7	43.5	43.2	43.5	43.6	44.5	44.7
Rubber and misc. plastics products .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Leather and leather products .....	36.3	34.9	36.0	37.0	36.6	36.8	37.4	37.2	37.7	37.5	37.2	36.9	36.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	38.6	38.6	38.8	38.8	38.9	38.9	38.9	39.3	39.4	39.4	39.2	39.3	39.6
<b>WHOLESALE AND RETAIL TRADE</b> .....	31.9	31.4	31.7	31.7	31.9	32.0	31.9	31.8	31.8	32.1	32.0	32.3	32.4
<b>WHOLESALE TRADE</b> .....	38.5	38.2	38.4	38.5	38.6	38.7	38.6	38.5	38.7	38.7	38.7	38.7	38.8
<b>RETAIL TRADE</b> .....	29.9	29.3	29.7	29.6	29.9	29.9	29.8	29.7	29.7	30.0	30.0	30.3	30.4
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>SERVICES</b> .....	32.9	32.5	32.7	32.7	32.9	32.7	32.6	32.7	32.8	32.9	32.7	32.6	32.8

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p = preliminary.

<sup>2</sup> This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

# ESTABLISHMENT DATA SEASONALLY ADJUSTED

## C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. <sup>1</sup>
<b>TOTAL PRIVATE</b> .....	104.1	102.2	103.1	104.0	105.0	105.7	106.1	105.3	107.5	108.1	103.3	108.8	110.2
<b>GOODS-PRODUCING</b> .....	89.8	87.2	87.8	89.6	90.5	91.8	93.0	93.5	95.1	95.6	95.3	96.8	99.2
<b>MINING</b> .....	118.4	111.6	110.7	102.5	110.3	112.5	114.0	115.0	117.0	118.5	113.1	118.9	121.1
<b>CONSTRUCTION</b> .....	106.2	94.7	94.3	96.3	96.6	102.0	103.5	104.5	105.0	103.9	105.2	105.6	112.9
<b>MANUFACTURING</b> .....	85.5	84.1	85.4	87.4	87.8	88.8	90.0	90.4	92.0	92.9	93.5	94.0	95.5
<b>DURABLE GOODS</b> .....	81.4	80.4	81.6	83.7	84.3	85.4	87.2	87.8	89.8	91.1	91.9	92.7	94.4
Lumber and wood products .....	84.9	83.1	85.1	88.0	89.2	92.2	93.5	95.6	97.0	98.0	97.0	97.8	100.5
Furniture and fixtures .....	88.0	84.7	87.9	92.0	93.1	94.8	97.2	97.0	98.0	99.1	100.1	102.0	103.8
Stone, clay, and glass products .....	78.9	76.6	78.1	80.0	81.3	82.5	83.4	84.5	85.7	85.9	86.1	85.5	87.1
Primary metal industries .....	61.2	61.0	62.2	63.7	65.1	65.2	67.0	67.6	68.9	71.6	72.1	73.6	72.2
Fabricated metal products .....	79.2	78.9	79.4	81.4	82.0	82.9	83.7	85.2	86.9	87.6	88.5	89.3	90.8
Machinery, except electrical .....	79.4	78.4	78.7	80.0	81.4	82.4	84.6	85.6	87.0	88.3	90.0	91.3	93.5
Electric and electronic equipment .....	94.3	93.2	95.2	97.6	96.0	99.6	101.6	101.1	104.7	106.5	108.0	108.4	111.3
Transportation equipment .....	79.4	80.1	81.0	83.7	82.9	84.2	86.8	86.9	89.9	91.1	92.0	92.3	95.0
Instruments and related products .....	102.7	99.1	100.6	101.9	101.7	100.4	101.9	102.2	105.0	105.1	105.1	104.8	107.4
Miscellaneous manufacturing and .....	81.0	77.7	80.7	82.9	82.4	82.7	84.5	83.4	82.9	85.0	85.4	86.7	85.8
<b>NONDURABLE GOODS</b> .....	91.7	89.6	91.0	92.8	92.9	93.9	94.2	94.2	95.3	95.6	95.8	96.0	97.1
Food and kindred products .....	95.1	93.8	94.1	96.0	95.6	97.4	96.2	95.5	95.3	95.8	95.9	95.8	96.6
Tobacco manufactures .....	94.6	82.4	89.6	89.1	88.6	88.3	87.3	82.1	83.6	84.7	83.4	80.8	81.5
Textile mill products .....	76.2	75.4	77.6	80.1	80.1	81.8	81.8	83.1	83.9	83.4	83.5	83.9	84.4
Apparel and other textile products .....	90.0	85.0	85.5	87.6	87.7	88.1	89.0	89.6	91.2	91.7	92.1	92.5	95.1
Paper and allied products .....	91.2	90.4	92.1	93.1	94.4	94.6	95.4	95.0	96.5	96.8	96.6	97.1	97.8
Printing and publishing .....	107.0	105.6	106.5	108.1	107.5	108.7	109.0	108.9	109.8	111.3	111.8	110.9	112.1
Chemicals and allied products .....	93.8	93.6	93.7	94.7	94.7	95.5	95.8	95.1	95.5	95.9	95.2	96.8	97.1
Petroleum and coal products .....	95.4	96.2	97.6	94.6	93.3	92.9	92.7	91.5	90.1	89.9	89.4	89.6	90.8
Rubber and misc. plastics products .....	91.1	90.9	94.9	98.5	100.2	100.6	102.7	103.5	105.7	106.7	108.0	109.3	111.3
Leather and leather products .....	81.0	76.4	79.9	81.7	81.2	81.2	82.6	84.0	85.6	85.1	84.4	83.3	81.7
<b>SERVICE-PRODUCING</b> .....	112.0	110.5	111.0	111.9	113.0	113.3	113.4	111.8	114.4	115.1	114.9	115.4	116.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	99.0	98.6	99.1	99.6	99.9	99.9	99.7	95.0	102.0	101.8	101.1	101.1	102.2
<b>WHOLESALE AND RETAIL TRADE</b> .....	104.3	102.1	103.9	103.6	104.7	105.4	105.3	105.3	105.6	106.5	106.8	107.7	108.2
<b>WHOLESALE TRADE</b> .....	106.6	105.5	106.1	106.6	107.3	108.1	107.9	108.1	109.3	109.5	109.6	109.9	111.0
<b>RETAIL TRADE</b> .....	103.4	100.8	103.0	102.4	103.7	104.4	104.3	104.2	104.1	105.4	105.7	106.9	107.1
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	117.8	116.4	116.4	117.2	119.1	118.9	119.1	119.0	119.5	120.2	119.8	120.5	121.8
<b>SERVICES</b> .....	124.1	122.5	123.9	124.7	126.1	126.1	126.3	127.1	123.0	128.6	129.2	129.4	129.3

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p = preliminary

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED**

**C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, seasonally adjusted**

Industry	1983												1984
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>p</sup>	Jan. p
<b>Hourly Earnings Index<sup>2</sup> (1977=100)</b>													
TOTAL PRIVATE (in current dollars).....	152.7	153.4	153.4	154.0	154.6	154.8	155.2	155.0	155.9	156.8	156.9	157.5	158.2
MINING.....	164.7	165.1	164.0	165.7	165.0	166.4	167.6	167.3	168.3	168.7	169.3	170.1	171.6
CONSTRUCTION.....	144.0	145.7	145.5	145.9	144.5	144.6	144.0	144.1	145.5	145.1	144.6	145.2	145.8
MANUFACTURING.....	156.5	157.3	157.1	157.0	157.7	157.8	158.2	158.1	158.3	158.9	159.7	160.1	160.6
TRANSPORTATION AND PUBLIC UTILITIES.....	154.4	155.2	155.5	155.9	156.6	156.8	157.9	158.4	157.2	156.4	156.7	159.2	160.2
WHOLESALE AND RETAIL TRADE.....	148.9	149.3	149.6	150.5	151.2	151.6	152.2	152.3	153.1	154.1	154.1	154.6	154.7
FINANCE, INSURANCE, AND REAL ESTATE.....	156.7	157.4	156.7	157.4	159.0	158.2	159.1	158.2	158.8	162.1	161.0	161.7	164.8
SERVICES.....	152.2	152.4	152.6	154.0	154.9	156.5	155.6	155.9	157.1	158.4	158.1	159.0	159.9
TOTAL PRIVATE (in 1977 dollars) <sup>4</sup> .....	94.7	95.3	95.0	94.8	94.7	94.8	94.7	94.0	94.2	94.4	94.3	94.5	-
<b>Average hourly earnings</b>													
TOTAL PRIVATE.....	\$7.80	\$7.91	\$7.91	\$7.95	\$7.97	\$8.00	\$8.03	\$7.99	\$8.00	\$8.13	\$8.13	\$8.16	\$8.21
MINING.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
CONSTRUCTION.....	11.86	12.00	12.00	12.02	11.66	11.85	11.82	11.83	11.96	11.92	11.89	11.93	11.94
MANUFACTURING.....	8.68	8.76	8.75	8.78	8.79	8.82	8.85	8.84	8.97	8.94	9.00	9.01	9.03
TRANSPORTATION AND PUBLIC UTILITIES.....	10.66	10.70	10.77	10.76	10.82	10.83	10.89	10.64	10.82	10.90	10.92	10.96	11.02
WHOLESALE AND RETAIL TRADE.....	6.35	6.39	6.46	6.43	6.45	6.49	6.51	6.52	6.54	6.59	6.59	6.60	6.60
FINANCE, INSURANCE, AND REAL ESTATE.....	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
SERVICES.....	7.11	7.14	7.15	7.19	7.24	7.26	7.26	7.26	7.32	7.38	7.37	7.40	7.47
<b>Average weekly earnings</b>													
TOTAL PRIVATE:													
Current dollars.....	276.59	272.90	275.27	277.46	279.75	280.90	281.05	279.30	284.42	286.93	286.18	289.05	292.29
1977 dollars <sup>3</sup> .....	171.40	169.61	170.45	170.85	171.42	171.35	171.37	169.48	171.85	172.78	171.98	172.90	-

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>2</sup> The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments: Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

<sup>3</sup> The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

<sup>4</sup> The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-U).

<sup>5</sup> See footnote 2, table C-6.

p = preliminary.

**C-9. Hours of wage and salary workers<sup>1</sup> in nonagricultural establishments by industry division**

Industry division	Millions of hours (Annual rate) <sup>2</sup>			Percent change		
	November R1983	December R1983	January R1983	Jan. 1983 to Jan. 1982	Dec. 1983 to Dec. 1982	Dec. 1983 to Jan. 1982
TOTAL.....	169,555	171,172	173,367	4.6	1.0	1.3
PRIVATE SECTOR.....	139,301	139,877	141,932	5.3	0.4	1.5
MINING.....	3,326	3,344	3,395	2.7	0.8	2.2
CONSTRUCTION.....	7,812	7,760	8,386	5.4	-0.7	8.1
MANUFACTURING.....	39,879	39,943	40,584	8.4	0.2	1.6
DURABLE GOODS.....	23,737	23,811	24,297	11.1	0.3	3.7
NONDURABLE GOODS.....	16,142	16,132	16,287	4.7	-0.1	1.0
TRANSPORTATION AND PUBLIC UTILITIES.....	10,240	10,257	10,303	3.2	0.2	0.4
WHOLESALE AND RETAIL TRADE.....	34,596	34,921	35,214	3.8	0.9	0.8
FINANCE, INSURANCE, AND REAL ESTATE.....	10,340	10,410	10,530	5.4	0.7	1.2
SERVICES.....	34,107	34,235	34,520	4.7	0.4	0.9
GOVERNMENT.....	30,253	31,303	31,435	1.3	3.5	2.4

<sup>1</sup> Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods*, BLS Bulletin 2134-1—Chapter 13. Productivity Measures: Business Economy and Major Sectors.

<sup>2</sup> "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

**PRODUCTIVITY  
SEASONALLY ADJUSTED**

C-10. Indexes of output and compensation per hour, unit costs, and prices,  
business sector, seasonally adjusted

(1977 = 100)

Item	Annual average		Quarterly indexes										
			1981			1982				1983			
	1982	1983	1981 II	1981 III	1981 IV	1982 I	1982 II	1982 III	1982 IV	1983 I	1983 II	1983 III	1983 IV
<b>BUSINESS SECTOR:</b>													
Output per hour of all persons	101.2	p103.8	101.1	102.3	101.2	101.1	100.7	101.1	101.9	102.5	r103.9	r104.2	p104.8
Output	106.7	p111.0	109.8	111.2	108.9	107.2	106.9	106.6	106.0	107.1	r110.4	r112.4	p113.9
Hours	105.4	p106.9	108.6	108.7	107.7	106.0	106.2	105.4	104.0	104.5	106.2	r107.9	p108.7
Compensation per hour	155.1	p163.1	142.2	145.5	148.2	151.6	153.9	156.5	158.7	160.7	162.1	r163.6	p166.4
Real compensation per hour	97.4	p99.2	96.1	95.6	95.6	97.1	97.4	97.1	98.0	99.4	99.2	r98.9	p99.5
Unit labor costs	153.3	p157.1	140.7	142.3	146.4	149.9	152.9	154.7	155.6	156.9	r156.0	156.9	p158.8
Unit nonlabor payments	136.9	p145.6	133.4	139.9	140.2	137.0	137.0	136.3	137.4	140.8	r145.7	r147.6	p148.1
Implicit price deflator	147.7	p153.2	138.2	141.5	144.3	145.5	147.5	148.5	149.4	151.5	r152.5	r153.8	p155.2
<b>NONFARM BUSINESS SECTOR:</b>													
Output per hour of all persons	100.2	p103.4	100.1	101.1	99.9	100.0	99.9	100.4	100.8	101.7	r103.5	r104.0	p104.3
Output	106.3	p110.9	109.4	110.5	108.2	106.5	106.7	106.5	105.4	106.7	r110.2	r112.5	p114.2
Hours	106.0	p107.3	109.2	109.4	108.2	106.5	106.8	106.0	104.6	104.9	106.5	108.2	p109.5
Compensation per hour	154.7	p163.5	141.8	145.1	147.7	151.3	153.5	156.1	158.3	161.0	162.7	r164.2	p166.0
Real compensation per hour	97.1	p99.4	95.8	95.3	95.4	96.9	97.1	96.9	97.8	99.5	99.6	r99.3	p99.3
Unit labor costs	154.4	p158.1	141.6	143.5	147.8	151.3	153.6	155.4	157.1	158.3	r157.2	r157.8	p159.2
Unit nonlabor payments	137.0	p146.1	132.2	138.3	139.5	136.4	137.7	136.5	137.2	140.7	r145.7	r148.3	p149.4
Implicit price deflator	148.6	p154.1	138.4	141.8	145.0	146.4	148.3	149.1	150.5	152.4	r153.4	r154.7	p155.9
<b>MANUFACTURING:</b>													
Output per hour of all persons	106.5	p113.6	105.4	106.1	104.4	105.1	105.3	107.8	108.1	110.2	112.6	r115.9	p117.5
Output	99.1	p106.9	107.8	108.1	103.3	100.2	99.5	99.5	97.2	100.1	105.0	r110.7	p113.9
Hours	93.0	p94.2	102.2	101.9	98.9	95.4	94.5	92.3	89.9	90.9	93.3	95.5	p96.9
Compensation per hour	158.2	p167.1	144.3	147.0	150.5	155.1	157.1	159.6	161.4	165.5	166.4	r167.5	p169.0
Real compensation per hour	99.3	p101.6	97.5	96.5	97.1	99.4	99.4	99.1	99.7	102.3	101.8	101.3	p101.0
Unit labor costs	148.5	p147.1	136.9	138.5	144.1	147.6	149.1	148.1	149.3	150.2	147.8	r144.5	p143.8
<b>DURABLE GOODS</b>													
Output per hour of all persons	105.4	p113.0	104.8	105.2	103.7	103.7	104.2	106.8	107.2	109.4	112.1	115.2	p117.1
Output	97.3	p105.0	108.8	108.9	103.3	99.3	98.3	97.6	94.0	97.4	102.8	r109.1	p112.9
Hours	92.3	p93.0	103.8	103.4	99.6	95.7	94.3	91.4	87.7	89.0	91.7	r94.6	p96.4
Compensation per hour	157.9	p166.7	144.4	146.9	150.6	154.7	156.7	159.5	161.0	165.4	166.1	r167.2	p168.3
Real compensation per hour	99.1	p101.4	97.5	96.5	97.2	99.1	99.1	99.0	99.5	102.3	101.6	101.1	p100.6
Unit labor costs	149.8	p147.6	137.8	139.6	145.3	149.1	150.4	149.4	150.3	151.1	148.1	145.1	p143.7
<b>NONDURABLE GOODS</b>													
Output per hour of all persons	108.2	p114.4	106.5	107.4	105.4	107.2	107.0	109.2	109.4	111.3	113.2	r116.8	p118.0
Output	101.8	p109.8	106.3	107.0	103.2	101.7	101.3	102.3	101.9	104.1	108.4	r113.1	p115.3
Hours	94.1	p95.9	99.8	99.6	97.9	94.8	94.7	93.7	93.2	93.6	95.7	r96.8	p97.7
Compensation per hour	159.2	p168.2	143.7	146.4	149.9	155.9	157.8	160.2	163.0	166.6	167.6	r168.4	p170.3
Real compensation per hour	99.9	p102.3	97.1	96.2	96.7	99.9	99.8	99.4	100.7	103.0	102.6	r101.9	p101.8
Unit labor costs	147.1	p147.0	135.0	136.3	142.1	145.4	147.5	146.7	149.0	149.8	148.1	r144.2	p144.3
<b>NONFINANCIAL CORPORATIONS:</b>													
Output per all-employee hour	102.8	N.A.	102.1	103.0	102.2	102.4	102.3	103.2	103.4	104.3	105.9	r107.0	N.A.
Output	107.8	N.A.	111.7	112.9	110.4	108.6	108.1	108.0	106.4	107.6	111.3	114.3	N.A.
Hours	104.8	N.A.	109.3	109.6	108.1	106.0	105.7	104.6	102.9	103.2	105.1	r106.8	N.A.
Compensation per hour	154.8	N.A.	142.0	145.0	147.8	151.7	153.7	156.1	158.1	160.4	161.6	r162.8	N.A.
Real compensation per hour	97.2	N.A.	95.9	95.2	95.4	97.2	97.2	96.9	97.7	99.2	98.9	r98.5	N.A.
Total unit costs	153.5	N.A.	141.1	143.6	147.7	150.9	153.1	153.8	156.3	156.7	155.3	r154.5	N.A.
Unit labor costs	150.6	N.A.	139.0	140.7	144.6	148.1	150.2	151.1	152.9	153.9	152.5	r152.1	N.A.
Unit nonlabor costs	161.8	N.A.	147.0	151.9	156.6	158.9	161.2	161.3	165.9	164.7	163.1	r161.2	N.A.
Unit profits	88.9	N.A.	100.3	108.6	104.2	90.8	90.3	91.2	87.0	96.1	115.0	r111.5	N.A.
Implicit price deflator	146.1	N.A.	136.4	139.6	142.7	144.0	145.9	146.6	147.9	149.7	150.7	r151.8	N.A.

p=preliminary.  
r=revised.

**PRODUCTIVITY  
SEASONALLY ADJUSTED**

**C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, business sector, seasonally adjusted at annual rate**

Item	Quarterly percent change						Annual percent change					
	1982 II to 1982 III	1982 III to 1982 IV	1982 IV to 1983 I	1983 I to 1983 II	1983 II to 1983 III	1983 III to 1983 IV	1981 III to 1982 III	1981 IV to 1982 IV	1982 I to 1983 I	1982 II to 1983 II	1982 III to 1983 III	1982 IV to 1983 IV
	<b>BUSINESS SECTOR:</b>											
Output per hour of all persons	1.7	3.3	2.0	r5.9	r1.2	p2.2	-1.1	0.7	1.3	r3.2	r3.1	p2.8
Output	-1.1	-2.3	4.2	r12.7	r7.8	r5.3	-4.1	-2.7	-0.1	r3.2	r5.5	p7.4
Hours	-2.7	-5.4	2.1	6.5	r6.5	p3.0	-3.0	-3.4	-1.4	0.0	r2.3	p4.5
Compensation per hour	6.7	5.7	5.4	3.5	r3.6	p7.1	7.5	7.1	6.1	5.3	r4.5	p4.9
Real compensation per hour	-1.0	3.7	5.8	-0.7	r-1.1	n2.2	1.6	2.5	2.4	1.9	r1.9	p1.5
Unit labor costs	5.0	2.3	3.3	r-2.2	r2.3	n4.8	8.7	6.3	4.7	r2.1	1.4	p2.0
Unit nonlabor payments	-2.0	3.2	10.5	r14.4	r5.4	p1.5	-2.6	-2.0	2.8	r6.3	r4.3	p7.9
Implicit price deflator	2.7	2.6	5.5	r2.8	r3.3	p3.7	3.9	3.5	4.1	r3.4	r3.6	p3.8
<b>NONFARM BUSINESS SECTOR:</b>												
Output per hour of all persons	2.3	1.3	3.7	r7.1	r2.3	p1.0	-0.6	0.8	1.7	r3.6	3.6	p3.5
Output	-0.6	-4.1	4.9	r13.7	r8.9	p6.0	-3.6	-2.6	0.2	r3.3	5.7	n8.3
Hours	-2.9	-5.3	1.2	6.2	r6.4	p5.0	-3.0	-3.4	-1.5	-0.3	2.0	p4.7
Compensation per hour	7.2	5.8	6.8	4.3	r3.8	p4.5	7.6	7.2	6.4	6.0	r5.2	p4.9
Real compensation per hour	-0.6	3.7	7.2	0.1	r-0.9	n-0.2	1.7	2.6	2.7	2.6	r2.5	p1.5
Unit labor costs	4.7	4.4	3.0	r-2.6	r1.5	n3.5	8.3	6.3	4.6	r2.3	r1.5	p1.3
Unit nonlabor payments	-3.4	2.0	10.6	r15.2	r7.3	p2.9	-1.3	-1.6	3.1	r5.9	r8.7	p8.9
Implicit price deflator	2.2	3.7	5.3	r2.7	r3.3	p3.3	5.2	3.7	4.1	r3.4	3.7	n3.6
<b>MANUFACTURING:</b>												
Output per hour of all persons	9.6	1.2	8.0	9.0	r12.2	p5.7	1.6	3.5	4.8	6.9	r7.5	p8.7
Output	0.0	-9.0	12.7	21.2	r23.2	p12.1	-8.0	-5.9	-0.1	5.6	r11.2	p17.2
Hours	-8.7	-10.0	4.3	11.1	r9.8	p6.1	-9.4	-9.1	-4.7	-1.2	3.5	p7.8
Compensation per hour	6.5	4.5	10.7	2.1	r2.7	p3.6	8.6	7.3	6.7	5.9	4.9	p4.7
Real compensation per hour	-1.2	2.5	11.1	-2.1	r-1.9	n-1.2	2.6	2.7	3.0	2.5	r2.3	p1.3
Unit labor costs	-2.8	3.3	2.5	-6.4	r-8.4	p-2.0	6.9	3.6	1.8	-0.9	r-2.4	p-3.7
<b>DURABLE GOODS</b>												
Output per hour of all persons	10.4	1.4	8.7	10.3	r11.5	p6.8	1.5	3.4	5.5	7.6	7.9	p9.3
Output	-2.5	-14.2	15.5	24.0	r26.6	p15.0	-10.3	-9.0	-1.9	4.6	11.7	n20.2
Hours	-11.7	-15.4	6.3	12.4	r13.5	p7.7	-11.6	-12.0	-7.0	-2.8	3.5	p9.9
Compensation per hour	7.4	3.8	11.3	1.6	r2.8	p2.7	8.6	6.9	7.0	6.0	4.8	p4.5
Real compensation per hour	-0.4	1.8	11.8	-2.5	r-1.9	n-2.0	2.6	2.3	3.2	2.5	2.1	p1.2
Unit labor costs	-2.7	2.4	2.4	-7.9	r-7.9	p-3.8	7.0	3.4	1.4	-1.5	-2.9	n-4.4
<b>NONDURABLE GOODS</b>												
Output per hour of all persons	8.4	0.7	7.1	7.3	r13.2	p4.2	1.6	3.7	3.8	5.8	r7.0	n7.9
Output	3.8	-1.2	8.8	17.3	r18.6	p8.2	-4.4	-1.3	2.4	7.0	r10.6	n13.1
Hours	-4.2	-1.9	1.7	9.3	r5.7	p3.9	-6.0	-4.8	-1.3	1.1	3.4	n4.8
Compensation per hour	6.0	7.3	9.2	2.5	r1.8	p4.6	9.4	8.8	6.9	6.2	5.1	p4.5
Real compensation per hour	-1.7	5.2	9.6	-1.6	r-2.8	n-0.2	3.4	4.1	3.2	2.8	r2.5	p1.1
Unit labor costs	-3.2	6.6	2.0	-4.5	r-10.1	p0.3	7.6	4.9	3.0	0.4	r-1.7	n-3.2
<b>NONFINANCIAL CORPORATIONS:</b>												
Output per all-employee hour	3.8	0.6	3.4	6.5	r4.2	N.A.	0.2	1.2	1.8	3.6	r3.7	N.A.
Output	-0.5	-6.0	4.6	14.6	r11.1	N.A.	-4.3	-3.7	-1.0	2.9	5.8	N.A.
Hours	-4.1	-6.5	1.2	7.6	r6.6	N.A.	-4.5	-4.8	-2.7	-0.6	r2.1	N.A.
Compensation per hour	6.4	5.4	6.0	2.9	r3.0	N.A.	7.6	7.0	5.8	5.2	r4.3	N.A.
Real compensation per hour	-1.3	3.4	6.4	-1.2	r-1.7	N.A.	1.7	2.4	2.1	1.7	r1.7	N.A.
Total unit costs	1.8	6.7	1.0	-3.5	r-2.1	N.A.	7.1	5.8	3.8	1.4	0.4	N.A.
Unit labor costs	2.4	4.8	2.5	-3.4	r-1.1	N.A.	7.4	5.7	3.9	1.5	0.6	N.A.
Unit nonlabor costs	0.1	11.9	-2.8	-3.8	r-4.7	N.A.	6.2	6.0	3.7	1.2	r-0.1	N.A.
Unit profits	3.8	-31.4	79.9	104.7	r71.0	N.A.	-16.1	-20.3	5.8	27.3	r44.2	N.A.
Implicit price deflator	1.9	3.6	5.1	2.5	r3.1	N.A.	5.0	3.6	4.0	3.3	r3.6	N.A.

p=preliminary.  
r=revised.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P
<b>ALABAMA</b> .....	\$294.23	\$316.47	\$321.98	39.6	41.1	41.6	\$7.43	\$7.70	\$7.74
Birmingham .....	316.81	324.01	331.25	39.7	40.4	41.2	7.98	8.02	8.04
Mobile .....	388.40	421.87	413.91	40.0	40.8	40.9	9.71	10.34	10.12
<b>ALASKA</b> .....	459.11	432.29	(*)	32.7	28.8	(*)	14.04	15.01	(*)
<b>ARIZONA</b> .....	357.00	378.40	378.48	40.8	41.4	42.1	8.75	9.14	8.99
<b>ARKANSAS</b> .....	273.93	289.76	294.67	39.7	40.3	40.7	6.90	7.19	7.24
Fayetteville—Springdale .....	252.01	263.81	275.15	39.5	40.4	41.5	6.38	6.53	6.63
Fort Smith .....	270.87	295.47	295.00	39.2	40.2	40.3	6.91	7.35	7.32
Little Rock—North Little Rock .....	318.80	344.44	360.38	40.0	41.7	42.1	7.97	8.26	8.56
Pine Bluff .....	381.97	388.74	382.75	42.3	42.3	41.2	9.03	9.19	9.29
<b>CALIFORNIA</b> .....	376.11	389.35	395.79	39.8	40.6	41.1	9.45	9.59	9.63
<b>COLORADO</b> .....	341.64	368.74	380.37	39.0	40.7	41.3	8.76	9.06	9.21
Denver—Boulder .....	355.15	387.04	398.82	39.2	41.0	41.5	9.06	9.44	9.61
<b>CONNECTICUT</b> .....	348.88	378.59	384.20	40.9	42.3	42.5	8.53	8.95	9.04
Bridgeport .....	360.45	403.94	405.83	40.5	42.7	42.9	8.90	9.46	9.46
Hartford .....	379.35	407.35	415.04	41.1	42.3	42.7	9.23	9.63	9.72
New Britain .....	360.91	387.99	386.98	41.2	41.9	41.7	8.76	9.26	9.28
New Haven—West Haven .....	327.53	366.54	369.82	39.7	41.0	41.0	8.25	8.94	9.02
Stamford .....	333.56	354.44	360.80	39.9	40.6	41.0	8.36	8.73	8.80
Waterbury .....	290.69	337.25	333.25	41.0	44.2	43.0	7.09	7.63	7.75
<b>DELAWARE</b> .....	354.16	354.11	390.43	40.2	38.7	42.3	8.81	9.15	9.23
Wilmington .....	408.33	414.46	442.04	39.3	39.1	43.0	10.39	10.60	10.28
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA .....	369.60	383.67	386.23	38.5	39.8	39.9	9.60	9.64	9.68
<b>FLORIDA</b> .....	301.81	305.70	315.46	41.4	41.2	42.4	7.29	7.42	7.44
Fort Lauderdale—Hollywood .....	287.86	294.98	300.72	42.9	42.2	42.0	6.71	6.99	7.16
Jacksonville .....	340.30	327.62	332.35	41.5	40.8	41.7	8.20	8.03	7.97
Lakeland—Winter Haven .....	301.73	294.35	300.75	42.2	40.6	42.3	7.15	7.25	7.11
Miami .....	244.62	246.18	247.38	40.3	39.9	39.9	6.07	6.17	6.20
Orlando .....	309.82	320.12	332.17	41.2	41.9	42.1	7.52	7.64	7.89
Pensacola .....	356.58	391.47	390.17	42.4	43.4	43.4	8.41	9.02	8.99
Tampa—St. Petersburg .....	303.36	300.70	303.56	41.9	40.8	41.3	7.24	7.37	7.35
West Palm Beach—Boca Raton .....	330.33	363.24	354.22	42.9	44.9	44.5	7.70	8.09	7.96
<b>GEORGIA</b> .....	279.16	301.38	308.79	40.4	41.8	42.3	6.91	7.21	7.30
Atlanta .....	326.33	352.81	366.03	39.7	40.6	41.5	8.22	8.69	8.82
Savannah .....	414.03	422.06	416.97	45.8	44.9	44.5	9.04	9.40	9.37
<b>HAWAII</b> .....	331.10	321.98	323.33	39.7	38.7	38.4	8.34	8.32	8.42
Honolulu .....	333.20	323.17	331.27	39.2	38.2	38.7	8.50	8.46	8.56
<b>IDAHO</b> .....	324.36	341.41	342.75	36.0	37.6	37.5	9.01	9.08	9.14
Boise City .....	320.32	337.39	337.98	36.4	39.6	39.3	8.80	8.52	8.60
<b>ILLINOIS</b> .....	376.26	406.23	418.16	39.9	41.2	41.9	9.43	9.86	9.98
Bloomington—Normal .....	373.27	359.19	384.17	41.8	39.0	41.0	8.93	9.21	9.37
Champaign—Urbana—Rantoul .....	336.66	369.34	341.84	38.3	39.8	36.6	8.79	9.28	9.34
Chicago SMSA .....	367.88	398.26	404.21	39.6	41.1	41.5	9.29	9.69	9.74
Davenport—Rock Island—Moline .....	443.94	496.04	501.39	37.4	40.1	40.5	11.87	12.37	12.38
Decatur .....	459.41	522.03	522.88	38.9	41.3	41.4	11.81	12.64	12.63
Kankakee .....	337.50	337.28	338.70	39.8	40.2	39.8	8.48	8.39	8.51
Peoria .....	411.34	487.63	510.83	39.4	40.4	41.7	10.44	12.07	12.25
Rockford .....	373.20	406.27	418.62	40.0	42.1	42.2	9.33	9.65	9.92
Springfield .....	439.15	463.00	479.68	40.4	41.9	42.6	10.87	11.05	11.26
<b>INDIANA</b> .....	398.59	427.42	440.72	40.1	41.7	42.5	9.94	10.25	10.37
Gary—Hammond—East Chicago .....	524.66	527.72	(*)	39.3	41.1	(*)	13.35	12.84	(*)
Indianapolis .....	396.26	427.61	(*)	40.6	41.8	(*)	9.76	10.23	(*)
<b>IOWA</b> .....	391.61	404.81	409.85	39.2	40.2	40.3	9.99	10.07	10.17
Cedar Rapids .....	405.42	434.30	437.54	40.3	41.8	41.2	10.06	10.39	10.62
Des Moines .....	431.91	460.88	496.13	39.3	38.6	40.8	10.99	11.94	12.16

See footnotes at end of table.



**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P
<b>IOWA—Continued</b>									
Dubuque .....	\$411.59	\$391.59	\$397.48	39.5	36.1	36.2	\$10.42	\$10.85	\$10.98
Sioux City .....	361.78	339.20	303.26	39.8	40.0	35.1	9.09	8.48	8.64
Waterloo—Cedar Falls .....	485.97	494.81	500.04	38.6	38.9	38.2	12.59	12.72	13.09
<b>KANSAS</b>	355.51	371.15	380.65	38.6	39.4	39.9	9.21	9.42	9.54
Topeka .....	289.29	368.55	364.94	33.1	39.0	38.7	8.74	9.45	9.43
Wichita .....	411.67	423.46	431.96	40.8	40.1	41.1	10.09	10.56	10.51
<b>KENTUCKY</b>	337.64	363.13	366.68	40.1	39.6	39.9	8.42	9.17	9.19
Lexington—Fayette .....	364.42	384.80	397.44	41.6	40.0	41.1	8.76	9.62	9.67
Louisville .....	400.18	444.29	425.17	40.3	41.6	40.3	9.93	10.68	10.55
<b>LOUISIANA</b>	401.38	383.72	394.18	42.7	39.6	40.1	9.40	9.69	9.83
Baton Rouge .....	482.03	470.11	484.55	43.0	42.2	41.7	11.21	11.14	11.62
New Orleans .....	383.80	359.58	363.78	40.7	39.0	38.7	9.43	9.22	9.40
Shreveport .....	332.20	382.00	407.36	39.5	40.0	40.9	8.41	9.55	9.96
<b>MAINE</b>	304.56	310.45	314.31	40.5	39.7	40.4	7.52	7.82	7.78
Lewiston—Auburn .....	239.98	244.61	251.62	39.6	39.2	39.5	6.06	6.24	6.37
Portland .....	299.30	304.34	299.14	39.8	37.9	38.4	7.52	8.03	7.79
<b>MARYLAND</b>	364.91	379.55	380.56	40.1	41.3	41.5	9.10	9.19	9.17
Baltimore .....	394.42	406.01	408.00	41.3	41.9	42.5	9.55	9.69	9.60
<b>MASSACHUSETTS</b>	314.80	328.85	339.49	40.0	40.3	41.3	7.87	8.16	8.22
Boston .....	337.50	353.51	366.20	39.8	39.9	41.1	8.48	8.86	8.91
Brockton .....	245.25	248.83	262.00	37.5	38.4	40.0	6.54	6.48	6.55
Fall River .....	219.37	241.47	244.12	36.2	35.2	36.6	6.06	6.86	6.67
Lawrence—Haverhill .....	313.61	333.13	353.14	39.9	39.8	41.4	7.86	8.37	8.53
Lowell .....	274.18	306.64	317.12	38.4	40.4	41.4	7.14	7.59	7.66
New Bedford .....	256.78	263.87	287.68	37.0	35.9	39.3	6.94	7.35	7.32
Springfield—Chicopee—Holyoke .....	323.87	338.24	352.80	41.1	40.9	42.1	7.88	8.27	8.38
Worcester .....	319.02	343.85	360.73	39.0	40.5	41.8	8.18	8.49	8.63
<b>MICHIGAN</b>	466.11	522.21	525.91	41.3	43.8	43.7	11.29	11.92	12.02
Ann Arbor .....	507.91	550.81	557.84	44.4	44.6	45.1	11.45	12.36	12.37
Battle Creek .....	487.91	504.08	513.12	41.5	41.8	42.2	11.77	12.07	12.16
Bay City .....	393.16	442.99	448.20	40.3	43.4	43.5	9.75	10.20	10.30
Detroit .....	502.93	551.28	569.83	41.9	43.7	44.5	12.00	12.60	12.80
Flint .....	534.24	635.13	649.28	40.6	47.2	47.6	13.16	13.46	13.65
Grand Rapids .....	381.03	431.36	449.30	40.0	42.9	43.2	9.52	10.06	10.40
Jackson .....	391.71	422.98	427.38	41.5	42.4	42.6	9.43	9.98	10.03
Kalamazoo—Portage .....	428.37	472.22	495.27	40.9	42.4	43.5	10.46	11.12	11.39
Lansing—East Lansing .....	512.72	630.21	510.14	40.7	46.7	39.4	12.59	13.49	12.93
Muskegon—Norton Shores—Muskegon Heights .....	401.51	431.61	464.58	40.2	40.4	42.5	10.00	10.69	10.92
Saginaw .....	517.37	613.76	613.42	40.2	44.1	44.0	12.86	13.93	13.95
<b>MINNESOTA</b>	375.46	389.54	393.73	39.9	40.2	40.3	9.41	9.69	9.77
Duluth—Superior .....	364.94	398.61	410.65	38.7	38.7	39.6	9.43	10.30	10.37
Minneapolis—St. Paul .....	397.60	415.84	420.16	40.0	40.1	40.4	9.94	10.37	10.40
St. Cloud .....	308.84	314.87	313.42	37.3	37.0	36.7	8.28	8.51	8.54
<b>MISSISSIPPI</b>	261.85	278.52	289.67	40.1	40.6	41.5	6.53	6.86	6.98
Jackson .....	283.02	316.88	324.37	39.2	41.1	41.8	7.22	7.71	7.76
<b>MISSOURI</b>	336.18	360.90	373.51	39.0	40.1	41.0	8.62	9.00	9.11
Kansas City .....	391.82	413.31	424.98	39.9	40.6	41.3	9.82	10.18	10.29
St. Joseph .....	309.26	326.67	338.60	37.9	39.5	40.6	8.16	8.27	8.34
St. Louis .....	382.78	412.27	436.77	38.9	40.3	42.2	9.84	10.23	10.35
Springfield .....	314.72	310.13	326.02	40.4	38.1	40.2	7.79	8.14	8.11
<b>MONTANA</b>	401.79	419.75	419.22	39.9	39.9	39.4	10.07	10.52	10.64
<b>NEBRASKA</b>	344.00	354.64	361.21	40.0	40.3	41.0	8.60	8.80	8.81
Lincoln .....	344.80	362.40	369.77	40.0	40.0	40.5	8.62	9.06	9.13
Omaha .....	352.43	375.24	385.64	38.9	41.1	42.1	9.06	9.13	9.16
<b>NEVADA</b>	337.19	369.95	362.88	38.1	40.3	40.5	8.85	9.18	8.96
Las Vegas .....	416.62	447.72	(*)	38.9	41.0	(*)	10.71	10.92	(*)

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P
<b>NEW HAMPSHIRE</b>	\$298.39	\$311.30	\$317.18	41.1	40.8	41.3	\$7.26	\$7.63	\$7.68
Manchester	283.46	276.41	282.80	41.2	39.6	40.0	6.88	6.98	7.07
Nashua	372.38	377.39	371.29	43.0	41.7	41.3	8.66	9.05	8.99
<b>NEW JERSEY</b>	365.27	388.54	392.81	40.6	41.6	41.7	9.00	9.34	9.42
Atlantic City	299.83	317.67	(*)	41.3	42.3	(*)	7.26	7.51	(*)
Camden	417.29	397.94	(*)	43.4	40.4	(*)	9.61	9.85	(*)
Hackensack	322.45	341.55	(*)	40.0	41.5	(*)	8.06	8.23	(*)
Jersey City	342.43	354.24	(*)	40.2	41.0	(*)	8.52	8.64	(*)
New Brunswick—Perth Amboy—Sayreville	402.04	440.79	(*)	40.2	41.9	(*)	10.01	10.52	(*)
Newark	369.40	395.73	(*)	40.6	41.7	(*)	9.09	9.49	(*)
Paterson—Clifton—Passaic	347.24	380.22	(*)	40.5	42.2	(*)	8.58	9.01	(*)
Trenton	355.07	394.99	(*)	39.8	42.2	(*)	8.92	9.36	(*)
<b>NEW MEXICO</b>	308.03	315.95	312.73	39.9	40.3	40.3	7.72	7.84	7.76
Albuquerque	322.78	302.71	304.03	39.8	40.2	40.7	8.11	7.53	7.47
<b>NEW YORK</b>	337.90	361.30	366.73	39.2	40.1	40.3	8.62	9.01	9.10
Albany—Schenectady—Troy	361.90	383.78	382.75	40.8	41.4	41.2	8.87	9.27	9.29
Binghamton	315.65	330.44	334.55	41.1	41.1	41.1	7.68	8.04	8.14
Buffalo	439.56	481.37	482.64	40.7	42.3	42.3	10.80	11.38	11.41
Elmira	352.00	361.90	358.83	40.6	40.8	40.5	8.67	8.87	8.86
Monroe County	451.47	503.53	505.66	40.6	42.6	42.6	11.12	11.82	11.87
Nassau—Suffolk	337.20	359.88	368.10	40.0	40.3	40.9	8.43	8.93	9.00
New York—Northeastern New Jersey	322.56	(*)	(*)	38.4	(*)	(*)	8.40	(*)	(*)
New York and Nassau—Suffolk	300.80	318.90	324.10	37.6	38.1	38.4	8.00	8.37	8.44
New York SMSA	290.03	307.13	310.20	36.9	37.5	37.6	7.86	8.19	8.25
New York City	287.36	300.58	303.62	36.7	37.2	37.3	7.83	8.08	8.14
Poughkeepsie	371.95	381.06	382.24	43.3	43.5	42.9	8.59	8.76	8.91
Rochester	430.68	465.62	469.37	40.9	42.6	42.4	10.53	10.93	11.07
Rockland County	346.42	380.59	380.83	39.5	41.1	40.6	8.77	9.26	9.38
Syracuse	371.05	428.16	431.96	40.2	42.1	42.6	9.23	10.17	10.14
Utica—Rome	311.64	340.23	358.66	39.2	40.6	41.9	7.95	8.38	8.56
Westchester County	296.29	336.77	347.60	37.6	38.4	39.1	7.88	8.77	8.89
<b>NORTH CAROLINA</b>	254.80	278.80	279.35	38.9	41.0	40.9	6.55	6.80	6.83
Asheville	253.29	273.62	273.36	39.7	40.9	40.8	6.38	6.69	6.70
Charlotte—Gastonia	264.52	280.56	287.30	40.2	42.0	42.5	6.58	6.68	6.76
Greensboro—Winston-Salem—High Point	276.53	301.29	298.85	38.3	39.8	39.9	7.22	7.57	7.49
Raleigh—Durham	306.09	349.71	343.09	39.7	42.7	42.2	7.71	8.19	8.13
<b>NORTH DAKOTA</b>	300.62	304.20	301.84	39.4	38.9	38.5	7.63	7.82	7.84
Fargo—Moorhead	316.74	319.94	315.70	40.4	38.5	38.5	7.84	8.31	8.20
<b>OHIO</b>	417.18	457.73	462.44	40.7	42.5	42.7	10.25	10.77	10.83
Akron	418.50	477.40	480.90	41.6	44.0	44.2	10.06	10.85	10.88
Canton	411.33	441.19	445.54	39.1	40.7	40.8	10.52	10.84	10.92
Cincinnati	408.36	434.28	436.72	41.5	42.0	42.4	9.84	10.34	10.30
Cleveland	409.37	443.92	447.94	39.9	41.8	42.1	10.26	10.62	10.64
Columbus	387.59	421.82	431.10	40.5	41.6	42.1	9.57	10.14	10.24
Dayton	405.02	466.95	485.97	40.3	42.8	43.9	10.05	10.91	11.07
Toledo	452.10	514.87	511.49	41.1	44.5	44.4	11.00	11.57	11.52
Youngstown—Warren	484.00	546.74	547.78	40.3	43.6	43.2	12.01	12.54	12.68
<b>OKLAHOMA</b>	357.01	400.74	390.86	39.8	41.7	41.1	8.97	9.61	9.51
Oklahoma City	364.77	443.89	409.63	38.6	42.6	40.8	9.45	10.42	10.04
Tulsa	382.57	424.27	420.04	39.4	41.8	41.1	9.71	10.15	10.22
<b>OREGON</b>	393.40	401.06	406.21	37.9	38.9	39.4	10.38	10.31	10.31
Eugene—Springfield	399.09	405.21	430.13	37.9	38.3	41.2	10.53	10.58	10.44
Medford	360.91	373.74	375.86	38.6	39.3	39.9	9.35	9.51	9.42
Portland	402.50	422.14	421.48	37.9	39.9	39.8	10.62	10.58	10.59
Salem	337.82	315.06	367.10	35.9	35.6	38.2	9.41	8.85	9.61
<b>PENNSYLVANIA</b>	342.88	368.75	371.05	38.7	40.3	40.2	8.86	9.15	9.23
Allentown—Bethlehem—Easton	339.30	368.55	365.72	37.7	39.0	38.7	9.00	9.45	9.45
Altoona	276.40	318.80	309.08	37.2	40.0	38.3	7.43	7.97	8.07
Delaware Valley	362.35	385.42	390.86	39.3	40.4	40.8	9.22	9.54	9.58
Erie	376.67	416.37	425.43	40.2	42.1	42.5	9.37	9.89	10.01
Harrisburg	334.84	355.59	346.72	38.8	40.5	39.4	8.63	8.78	8.80
Johnstown	303.21	310.27	300.85	36.4	37.7	36.6	8.33	8.23	8.22

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P
<b>PENNSYLVANIA—Continued</b>									
Lancaster .....	\$311.47	\$342.26	\$351.82	38.5	40.6	41.1	\$8.09	\$8.43	\$8.56
Northeast Pennsylvania .....	267.10	275.65	283.88	37.2	37.3	37.6	7.18	7.39	7.55
Philadelphia SMSA .....	365.90	384.87	(*)	39.6	40.3	(*)	9.24	9.55	(*)
Pittsburgh .....	413.00	441.98	449.90	38.1	40.4	40.9	10.84	10.94	11.00
Reading .....	323.20	383.88	367.02	38.8	42.0	40.6	8.33	9.14	9.04
Williamsport .....	315.41	317.54	314.28	38.7	39.3	38.8	8.15	8.08	8.10
York .....	310.44	348.59	356.59	39.8	42.1	42.3	7.80	8.28	8.43
<b>RHODE ISLAND</b>									
Providence—Warwick—Pawtucket .....	268.77	280.28	285.82	39.7	39.7	40.6	6.77	7.06	7.04
.....	265.86	276.01	282.46	39.8	39.6	40.7	6.68	6.97	6.94
<b>SOUTH CAROLINA</b>									
Charleston—North Charleston .....	273.43	296.72	300.54	39.8	41.5	41.8	6.87	7.15	7.19
Columbia .....	356.99	363.76	363.80	42.6	42.2	42.6	8.38	8.62	8.54
Greenville—Spartanburg .....	261.23	281.00	288.52	39.7	40.2	41.1	6.58	6.99	7.02
.....	263.08	277.57	286.70	39.8	41.0	42.6	6.61	6.77	6.73
<b>SOUTH DAKOTA</b>									
Sioux Falls .....	302.81	299.48	301.61	40.7	42.6	42.6	7.44	7.03	7.08
.....	407.55	(*)	(*)	47.5	(*)	(*)	8.58	(*)	(*)
<b>TENNESSEE</b>									
Chattanooga .....	294.92	309.61	313.18	39.8	40.9	41.1	7.41	7.57	7.62
Knoxville .....	293.94	299.10	300.56	40.6	41.6	41.4	7.24	7.19	7.26
Memphis .....	339.44	365.38	360.28	39.7	41.1	40.3	8.55	8.89	8.94
Nashville—Davidson .....	329.67	333.31	348.47	40.7	41.2	42.6	8.10	8.09	8.18
.....	331.30	351.11	349.84	40.7	41.7	41.5	8.14	8.42	8.43
<b>TEXAS</b>									
Dallas—Fort Worth .....	359.16	373.50	373.69	41.0	41.5	41.8	8.76	9.00	8.94
Houston .....	353.33	370.12	370.60	40.8	41.4	41.5	8.66	8.94	8.93
San Antonio .....	438.90	438.96	480.25	42.0	42.7	44.1	10.45	10.28	10.89
.....	263.74	282.49	279.89	40.7	41.3	41.1	6.48	6.84	6.81
<b>UTAH</b>									
Salt Lake City—Ogden .....	345.54	349.74	357.69	39.0	40.2	40.6	8.86	8.70	8.81
.....	351.28	357.01	357.86	40.1	42.2	42.2	8.76	8.46	8.48
<b>VERMONT</b>									
Burlington .....	299.02	311.92	324.99	39.5	40.3	41.4	7.57	7.74	7.85
Springfield .....	350.27	354.87	369.77	42.1	41.7	42.6	8.32	8.51	8.68
.....	321.99	318.00	315.99	40.4	39.9	39.4	7.97	7.97	8.02
<b>VIRGINIA</b>									
Bristol .....	298.62	325.97	319.55	39.5	40.9	40.5	7.56	7.97	7.89
Lynchburg .....	238.76	256.10	258.96	37.6	39.4	39.0	6.35	6.50	6.64
Norfolk—Virginia Beach—Portsmouth .....	268.84	303.86	287.62	37.6	40.3	38.4	7.15	7.54	7.49
Northern Virginia .....	329.60	362.02	377.50	41.2	43.2	44.1	8.00	8.38	8.56
Petersburg—Colonial Heights—Hopewell .....	340.72	364.68	365.86	41.1	41.3	41.2	8.29	8.83	8.88
Richmond .....	362.09	391.45	405.22	37.6	39.5	40.2	9.63	9.91	10.08
Roanoke .....	375.20	409.14	421.25	38.8	39.8	40.7	9.67	10.28	10.35
.....	277.70	294.24	303.60	40.6	41.5	42.7	6.84	7.09	7.11
<b>WASHINGTON</b>									
.....	447.37	452.80	(*)	38.6	38.9	(*)	11.59	11.64	(*)
<b>WEST VIRGINIA</b>									
Charleston .....	383.73	400.36	399.84	38.8	40.4	40.8	9.89	9.91	9.80
Huntington—Ashland .....	451.56	509.41	511.15	42.4	42.7	43.8	10.65	11.93	11.67
Parkersburg—Marietta .....	418.87	454.40	424.23	37.2	40.0	39.5	11.26	11.36	10.74
Wheeling .....	427.03	487.89	441.57	41.1	41.7	41.0	10.39	11.70	10.77
.....	447.82	457.41	480.52	40.6	40.3	41.0	11.03	11.35	11.72
<b>WISCONSIN</b>									
Appleton—Oshkosh .....	388.26	415.83	423.85	40.2	41.5	41.8	9.66	10.02	10.14
Eau Claire .....	383.02	414.09	421.70	42.0	43.0	43.7	9.12	9.63	9.65
Green Bay .....	384.42	400.19	397.58	42.4	41.6	41.2	9.06	9.62	9.65
Janesville—Beloit .....	424.84	443.31	447.74	42.0	42.1	42.4	10.11	10.53	10.56
Kenosha .....	401.55	449.08	525.50	40.8	41.2	44.8	9.85	10.90	11.73
La Crosse .....	486.58	516.38	507.49	41.7	42.5	41.7	11.68	12.15	12.17
Madison .....	347.68	354.37	353.76	40.7	39.2	40.2	8.54	9.04	8.80
Milwaukee .....	372.02	356.59	356.66	39.4	39.1	38.6	9.43	9.12	9.24
Racine .....	428.52	462.18	469.98	39.9	41.6	42.0	10.73	11.11	11.19
.....	386.25	432.22	434.93	40.4	41.6	41.7	9.56	10.39	10.43
<b>WYOMING</b>									
.....	298.89	316.11	332.72	36.9	36.8	38.2	8.10	8.59	8.71

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS**

**C-12. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P	DEC. 1982	NOV. 1983	DEC. 1983P
<b>VIRGIN ISLANDS</b> .....	432.26	480.41	459.23	43.4	44.4	42.6	9.96	10.82	10.78

<sup>1</sup> Area included in Chicago—Gary Standard Consolidated Statistical Area.  
<sup>2</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>3</sup> Subarea of New York—Northeastern New Jersey.  
<sup>4</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>5</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>6</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

\* Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.  
p = preliminary.  
\*Not available.

NOTE: All State and area data have been adjusted to March 1982 benchmarks except Wisconsin. Data for Colorado, Idaho, and North Dakota have been adjusted to March 1983 benchmarks.

SOURCE: Cooperating State agencies listed on inside back cover.

**STATE AND AREA UNEMPLOYMENT DATA**

**D-1. Labor force and unemployment by State and selected metropolitan areas**

(Numbers in thousands)

State and area	Civilian labor force			Unemployment					
				Number			Percent of labor force		
	Dec. 1982	Nov. 1983	Dec. 1983P	Dec. 1982	Nov. 1983	Dec. 1983P	Dec. 1982	Nov. 1983	Dec. 1983P
<b>ALABAMA</b>	1,720.2	1,775.0	1,763.1	266.9	223.1	217.3	15.5	12.6	12.3
Birmingham	390.9	393.6	393.6	61.1	47.8	46.0	15.6	12.1	11.7
Huntsville	151.1	161.3	160.1	18.5	15.7	15.1	12.2	9.8	9.4
Mobile	195.6	201.5	199.8	30.0	28.0	27.1	15.4	13.9	13.5
Montgomery	125.6	129.2	127.8	15.1	14.5	13.2	12.0	11.2	10.3
Tuscaloosa	55.2	57.4	57.5	6.9	6.6	6.4	12.4	11.5	11.1
<b>ALASKA</b>	210.7	211.4	209.0	22.2	21.0	23.0	10.5	9.9	11.0
<b>ARIZONA</b>	1,350.1	1,393.8	1,399.2	141.5	98.0	87.5	10.5	7.0	6.3
Phoenix	824.7	860.6	866.8	69.8	48.1	42.6	8.5	5.6	4.9
Tucson	252.4	260.9	262.3	26.1	17.9	15.3	10.3	6.9	5.8
<b>ARKANSAS</b>	998.1	1,016.6	989.4	107.8	94.4	93.0	10.8	9.3	9.4
Fayetteville-Springdale	82.3	82.9	82.6	6.7	5.4	5.8	8.1	6.5	7.1
Fort Smith <sup>1</sup>	85.1	86.7	86.2	9.9	8.2	7.9	11.7	9.4	9.2
Little Rock—North Little Rock	197.4	195.6	193.6	16.5	15.0	13.4	8.3	7.6	6.9
Pine Bluff	37.2	37.9	36.7	3.9	3.5	3.2	10.5	9.2	8.7
<b>CALIFORNIA<sup>1</sup></b>	12,304.9	12,438.0	12,392.6	1,354.0	1,023.5	992.2	11.0	8.2	8.0
Anaheim—Santa Ana—Garden Grove	1,222.2	1,230.6	1,223.5	97.0	63.6	59.7	7.9	5.2	4.9
Bakersfield	217.7	222.4	222.3	31.6	29.7	28.0	14.5	13.4	12.6
Fresno	295.4	292.7	300.9	45.2	40.1	39.7	15.3	13.7	13.2
Los Angeles—Long Beach <sup>2</sup>	3,760.0	3,771.0	3,761.0	391.0	293.0	265.0	10.4	7.8	7.0
Modesto	141.6	140.8	139.8	28.9	23.5	24.1	20.4	16.7	17.2
Oxnard—Simi Valley—Ventura	268.7	271.2	269.2	31.6	25.1	23.4	11.8	9.3	8.7
Riverside—San Bernardino—Ontario	650.4	651.5	649.4	85.2	61.1	59.1	13.1	9.4	9.1
Sacramento	526.3	537.8	535.8	63.3	49.1	49.9	12.0	9.1	9.3
Salinas—Seaside—Monterey	145.7	152.3	150.5	21.5	17.7	20.5	14.8	11.6	13.6
San Diego	849.3	870.6	867.9	84.6	58.7	56.3	10.0	6.7	6.5
San Francisco—Oakland	1,791.1	1,817.7	1,808.8	157.1	118.0	116.1	8.8	6.5	6.4
San Jose	840.3	857.7	854.0	71.2	51.8	49.1	8.5	6.0	5.8
Santa Barbara—Santa Maria—Lompoc	165.8	169.8	168.5	14.6	11.3	11.4	8.8	6.6	6.8
Santa Rosa	152.0	154.2	153.0	16.3	11.5	11.6	10.7	7.5	7.6
Stockton	176.3	174.0	173.7	33.4	26.6	27.5	19.0	15.3	15.9
Vallejo—Fairfield—Napa	144.5	146.8	146.1	18.2	14.0	14.2	12.6	9.5	9.7
<b>COLORADO</b>	1,585.5	1,653.4	1,660.0	135.8	90.4	87.6	8.6	5.5	5.3
Denver—Boulder	942.1	995.3	998.5	68.8	47.1	44.7	7.3	4.7	4.5
<b>CONNECTICUT</b>	1,619.2	1,641.6	1,644.9	113.5	76.0	73.8	7.0	4.6	4.5
Bridgeport	195.9	195.5	195.2	15.5	10.3	9.1	7.9	5.3	4.6
Hartford	389.7	397.8	398.6	23.8	17.1	17.4	6.1	4.3	4.4
New Britain	72.9	71.6	72.1	6.3	3.7	3.6	8.6	5.2	5.0
New Haven—West Haven	201.4	200.9	201.4	14.1	10.3	9.8	7.0	5.1	4.9
Stamford	128.0	131.5	132.1	5.7	4.4	4.2	4.4	3.3	3.2
Waterbury	105.2	106.3	106.6	10.8	5.7	5.6	10.3	5.4	5.2
<b>DELAWARE</b>	295.0	296.2	296.7	22.0	22.8	22.3	7.5	7.7	7.5
Wilmington <sup>1</sup>	262.5	263.5	264.8	20.2	20.2	19.7	7.7	7.7	7.4
<b>DISTRICT OF COLUMBIA</b>	317.7	328.2	326.8	34.2	35.8	36.3	10.8	10.9	11.1
Washington SMSA <sup>1</sup>	1,723.2	1,814.4	1,811.8	95.4	88.3	86.3	5.5	4.9	4.8
<b>FLORIDA<sup>2</sup></b>	4,797.7	5,063.8	5,117.5	454.8	408.0	383.0	9.5	8.1	7.5
Daytona Beach	115.1	124.9	126.1	9.8	8.8	8.1	8.5	7.1	6.4
Fort Lauderdale—Hollywood	499.0	529.3	532.8	39.1	35.0	33.0	7.8	6.6	6.2
Fort Myers—Cape Coral	106.7	111.2	112.5	9.4	7.3	6.7	8.8	6.6	5.9
Gainesville	77.5	85.0	85.3	4.4	4.1	4.1	5.7	4.8	4.8
Jacksonville	358.5	384.7	385.8	29.5	31.0	29.5	8.2	8.1	7.7
Lakeland—Winter Haven	156.8	156.1	159.7	23.1	22.3	19.1	14.7	14.3	12.0
Melbourne—Titusville—Cocoa	127.8	139.1	140.2	10.6	10.5	10.0	8.3	7.6	7.1
Miami	851.1	884.8	892.1	94.0	81.9	76.6	11.0	9.3	8.6
Oriando	409.1	442.0	448.1	32.0	30.3	28.1	7.8	6.8	6.3
Pensacola	130.4	138.3	141.1	12.5	10.1	12.2	9.6	7.3	8.6
Sarasota	85.4	92.7	92.9	7.5	4.8	4.4	8.7	5.1	4.8
Tallahassee	90.0	92.2	92.4	4.7	4.3	4.2	5.3	4.7	4.5
Tampa—St. Petersburg	754.4	797.1	806.5	66.6	55.0	51.9	8.8	6.9	6.4
West Palm Beach—Boca Raton	288.6	306.6	313.2	24.8	23.8	21.7	8.6	7.8	6.9

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

## D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Civilian labor force			Unemployment					
				Number			Percent of labor force		
	Dec. 1982	Nov. 1983	Dec. 1983P	Dec. 1982	Nov. 1983	Dec. 1983P	Dec. 1982	Nov. 1983	Dec. 1983P
<b>GEORGIA</b>	2,670.1	2,689.0	2,679.0	209.0	187.0	176.7	7.8	7.0	6.6
Albany	52.5	52.8	52.7	4.7	5.1	4.8	8.9	9.7	9.1
Athens	65.4	67.5	67.1	4.5	3.9	3.8	6.9	5.8	5.6
Atlanta	1,110.2	1,119.5	1,120.2	72.3	66.2	62.5	6.5	5.9	5.6
Augusta	137.9	135.3	134.9	12.8	12.0	10.7	9.3	8.9	8.0
Columbus	89.5	88.4	88.1	8.7	7.4	7.1	9.7	8.4	8.0
Macon	108.7	109.0	108.6	8.0	8.2	7.8	7.4	7.6	7.2
Savannah	99.1	97.7	98.1	8.5	8.0	7.4	8.6	8.2	7.6
<b>HAWAII</b>	457.4	468.8	468.4	30.1	28.5	25.9	6.6	6.1	5.5
Honolulu	351.3	360.5	360.0	20.1	20.3	18.0	5.7	5.6	5.0
<b>IDAHO</b>	428.2	441.9	438.8	41.8	32.8	35.0	9.8	7.4	8.0
Boise City	92.1	94.9	95.9	7.0	5.6	5.7	7.6	5.9	6.0
<b>ILLINOIS*</b>	5,544.1	5,543.5	5,496.5	699.0	513.3	518.5	12.6	9.3	9.4
Bloomington—Normal	62.5	63.8	63.0	5.5	3.9	4.6	8.7	6.2	7.3
Champaign—Urbana—Rantoul	84.4	88.9	87.0	5.4	5.0	5.2	6.4	5.6	6.0
Chicago	3,466.7	3,456.8	3,435.1	389.5	291.1	291.8	11.2	8.4	8.5
Davenport—Rock Island—Moline	191.8	186.8	185.1	34.4	22.4	21.7	17.9	12.0	11.7
Decatur	64.3	62.9	62.1	11.4	7.1	7.0	17.7	11.2	11.2
Kankakee	40.6	40.3	39.8	7.8	5.6	5.6	19.2	13.9	14.0
Peoria	175.1	167.7	165.3	30.7	21.6	20.9	17.5	12.9	12.6
Rockford	133.6	132.9	130.7	22.7	18.5	13.8	17.0	13.9	10.6
Springfield	98.4	100.9	100.2	9.6	6.8	7.6	9.8	6.7	7.5
<b>INDIANA</b>	2,575.5	2,592.9	2,581.9	330.9	258.3	267.0	12.8	10.0	10.3
Anderson	53.7	55.1	55.3	8.6	5.2	5.5	15.9	9.5	10.0
Elkhart	68.5	75.7	76.1	7.3	5.4	6.0	10.7	7.1	7.8
Evansville	146.7	150.0	150.0	15.6	14.2	14.4	10.6	9.5	9.6
Fort Wayne	185.1	183.4	183.2	22.3	19.3	19.4	12.1	10.5	10.6
Gary—Hammond—East Chicago	285.6	276.5	274.5	51.3	40.2	41.1	18.0	14.5	15.0
Indianapolis	600.0	609.9	607.1	58.8	54.8	54.7	9.8	9.0	9.0
Lafayette—West Lafayette	64.1	65.6	63.5	5.1	4.5	4.3	8.0	6.8	6.8
Muncie	55.5	55.9	55.3	7.9	5.7	5.7	14.3	10.2	10.3
South Bend	138.7	141.0	140.6	14.4	11.2	11.6	10.4	7.9	8.3
Terre Haute	79.2	80.4	79.7	10.0	9.2	9.2	12.6	11.5	11.6
<b>IOWA</b>	1,377.8	1,413.7	1,395.9	127.6	86.4	94.7	9.3	6.1	6.8
Cedar Rapids	83.7	81.8	82.2	8.2	5.6	6.1	9.8	6.9	7.4
Des Moines	182.1	182.6	184.0	13.9	10.5	10.9	7.6	5.8	5.9
Dubuque	41.9	42.8	42.5	6.0	3.3	3.5	14.3	7.8	8.1
Sioux City	53.8	54.9	54.8	4.2	3.5	3.7	7.9	6.3	6.7
Waterloo—Cedar Falls	66.5	64.2	64.8	8.3	6.6	6.8	12.5	10.4	10.4
<b>KANSAS</b>	1,167.4	1,174.1	1,165.0	81.7	56.5	57.0	7.0	4.8	4.9
Lawrence	33.9	34.0	33.6	1.5	1.4	1.4	4.5	4.1	4.2
Topeka	93.8	94.5	94.4	6.8	5.6	5.8	7.3	5.9	6.1
Wichita	222.3	221.9	220.1	21.4	12.3	11.4	9.6	5.6	5.2
<b>KENTUCKY</b>	1,682.1	1,687.8	1,693.8	197.0	174.9	165.3	11.7	10.4	9.8
Lexington—Fayette	181.1	180.8	182.8	9.7	9.4	7.9	5.4	5.2	4.3
Louisville	432.1	423.9	423.6	57.6	41.2	37.6	13.3	9.7	8.9
Owensboro	44.2	43.5	44.0	4.3	3.4	3.7	9.8	7.9	8.3
<b>LOUISIANA</b>	1,855.0	1,924.9	1,899.1	215.4	208.9	191.1	11.6	10.9	10.1
Alexandria	74.1	77.9	76.7	9.1	7.7	7.6	12.3	9.9	9.9
Baton Rouge	232.5	245.1	243.6	22.4	22.1	19.7	9.6	9.0	8.1
Lafayette	101.2	103.3	102.8	6.4	7.8	6.8	6.3	7.6	6.6
Lake Charles	74.3	77.0	75.4	10.9	11.7	10.8	14.7	15.1	14.3
Monroe	58.3	58.4	58.2	7.0	6.2	5.8	12.0	10.6	9.9
New Orleans	513.4	530.5	525.9	51.4	52.1	47.0	10.0	9.8	8.9
Shreveport	163.3	168.8	167.2	20.3	17.7	16.2	12.5	10.5	9.7
<b>MAINE</b>	504.9	516.3	513.7	41.9	39.0	40.7	8.3	7.6	7.9
Lewiston—Auburn	37.7	38.5	38.3	3.1	2.9	3.1	8.3	7.6	8.2
Portland	96.2	99.6	99.9	5.9	5.4	5.4	6.2	5.4	5.4
<b>MARYLAND</b>	2,165.8	2,270.9	2,256.4	181.5	140.2	139.8	8.4	6.2	6.2
Baltimore	1,072.5	1,111.6	1,103.5	104.9	78.8	76.8	9.8	7.1	7.0

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Civilian labor force			Unemployment					
				Number			Percent of labor force		
	Dec. 1982	Nov. 1983	Dec. 1983P	Dec. 1982	Nov. 1983	Dec. 1983P	Dec. 1982	Nov. 1983	Dec. 1983P
<b>MASSACHUSETTS<sup>1</sup></b>	2,989.4	3,064.5	3,052.4	212.7	170.9	177.0	7.1	5.6	5.8
Boston	1,459.8	1,500.7	1,495.3	83.1	70.2	69.6	5.7	4.7	4.7
Brockton	80.8	83.3	82.8	6.4	5.4	5.5	7.9	6.5	6.7
Fall River <sup>1</sup>	76.1	75.5	75.1	8.3	6.3	7.5	11.0	8.4	10.0
Lawrence—Haverhill <sup>1</sup>	147.3	151.5	150.5	12.7	9.5	9.2	8.6	6.3	6.1
Lowell	133.2	140.0	139.6	7.9	6.4	6.5	5.9	4.5	4.6
New Bedford	85.6	87.1	88.1	10.9	7.3	8.5	12.7	8.3	9.6
Springfield—Chicopee—Holyoke	288.2	293.6	293.0	20.5	16.4	17.2	7.1	5.6	5.9
Worcester	204.0	201.1	198.1	17.7	11.2	11.3	8.7	5.6	5.7
<b>MICHIGAN<sup>2</sup></b>	4,297.2	4,165.2	4,201.8	741.4	487.5	499.8	17.3	11.7	11.9
Ann Arbor	138.3	N.A.	N.A.	16.6	N.A.	N.A.	12.0	N.A.	N.A.
Battle Creek	82.0	N.A.	N.A.	14.2	N.A.	N.A.	17.3	N.A.	N.A.
Bay City	53.3	N.A.	N.A.	9.5	N.A.	N.A.	17.9	N.A.	N.A.
Benton Harbor	70.3	N.A.	N.A.	13.4	N.A.	N.A.	19.0	N.A.	N.A.
Detroit	2,007.7	N.A.	N.A.	356.7	N.A.	N.A.	17.8	N.A.	N.A.
Flint	220.9	N.A.	N.A.	49.0	N.A.	N.A.	22.2	N.A.	N.A.
Grand Rapids	327.4	N.A.	N.A.	41.3	N.A.	N.A.	12.6	N.A.	N.A.
Jackson	66.3	N.A.	N.A.	13.1	N.A.	N.A.	19.8	N.A.	N.A.
Kalamazoo—Portage	137.6	N.A.	N.A.	17.5	N.A.	N.A.	12.7	N.A.	N.A.
Lansing—East Lansing	241.3	N.A.	N.A.	29.6	N.A.	N.A.	12.3	N.A.	N.A.
Muskegon—Norton Shores—Muskegon Heights	77.8	N.A.	N.A.	15.3	N.A.	N.A.	19.6	N.A.	N.A.
Saginaw	99.5	N.A.	N.A.	18.5	N.A.	N.A.	18.6	N.A.	N.A.
<b>MINNESOTA</b>	2,129.0	2,225.5	2,212.8	185.7	150.8	166.4	8.7	6.8	7.5
Duluth—Superior <sup>1</sup>	115.4	109.8	110.8	22.9	17.5	18.0	19.9	16.0	16.2
Minneapolis—St. Paul	1,168.7	1,217.3	1,219.9	80.3	65.9	68.2	6.9	5.4	5.6
Rochester	57.9	62.4	62.1	3.4	3.0	3.3	6.0	4.8	5.4
St. Cloud	74.7	80.8	80.1	6.9	7.5	7.3	9.2	9.3	9.1
<b>MISSISSIPPI</b>	1,050.8	1,044.2	1,026.7	124.1	110.3	103.1	11.8	10.6	10.0
Jackson	162.0	158.2	157.5	12.0	10.8	9.8	7.4	6.8	6.2
<b>MISSOURI</b>	2,328.2	2,320.8	2,317.3	218.5	202.0	211.2	9.4	8.7	9.1
Kansas City <sup>1</sup>	672.2	671.4	669.1	54.9	45.5	45.9	8.2	6.8	6.9
St. Joseph	46.1	45.4	45.3	4.4	4.3	4.5	9.5	9.4	9.9
St. Louis <sup>1</sup>	1,130.3	1,134.0	1,135.3	115.2	106.1	107.7	10.2	9.4	9.5
Springfield	112.9	115.3	114.6	8.9	7.8	8.0	7.8	6.8	6.9
<b>MONTANA</b>	384.5	390.0	389.4	34.8	32.5	34.4	9.1	8.3	8.8
<b>NEBRASKA</b>	768.0	775.5	764.5	51.4	37.4	40.1	6.7	4.8	5.3
Lincoln	109.2	108.5	107.5	6.0	4.1	4.2	5.5	3.7	3.9
Omaha <sup>1</sup>	284.8	284.4	284.2	20.4	15.2	15.5	7.2	5.3	5.5
<b>NEVADA</b>	489.3	489.4	496.0	56.2	42.3	46.4	11.5	8.6	9.4
Las Vegas	275.0	273.7	278.5	33.8	25.9	28.0	12.3	9.5	10.1
Reno	133.9	133.4	134.8	12.3	9.2	10.1	9.2	6.9	7.5
<b>NEW HAMPSHIRE</b>	486.5	509.0	510.7	37.3	22.5	21.9	7.7	4.4	4.3
Manchester	85.6	89.4	90.2	5.9	3.3	3.7	6.8	3.7	4.1
Nashua	85.1	91.7	92.0	5.3	3.1	2.9	6.2	3.3	3.2
<b>NEW JERSEY</b>	3,608.0	3,686.7	3,758.1	318.3	243.0	245.8	8.8	6.6	6.5
Atlantic City	119.4	123.4	125.3	12.2	8.9	9.7	10.2	7.2	7.8
Jersey City	240.3	242.6	248.1	32.7	24.1	25.6	13.6	9.9	10.3
Long Branch—Asbury Park	246.6	257.1	261.4	19.4	16.4	15.2	7.9	6.4	5.8
New Brunswick—Perth Amboy—Sayreville	333.6	340.8	349.3	26.3	19.8	20.2	7.9	5.8	5.8
Newark	979.2	996.6	1,013.9	82.5	60.7	58.5	8.4	6.1	5.8
Paterson—Clifton—Passaic	212.6	220.9	225.7	22.4	18.3	18.5	10.5	8.3	8.2
Trenton	158.6	159.9	162.6	13.2	8.3	8.0	8.3	5.2	4.9
Vineland—Millville—Bridgeton	58.3	57.6	58.2	10.1	7.6	8.2	17.4	13.2	14.1
<b>NEW MEXICO</b>	596.5	601.5	600.0	58.4	54.6	53.1	9.8	9.1	8.9
Albuquerque	222.3	227.3	228.5	18.6	18.5	18.0	8.4	8.2	7.9
Las Cruces	38.9	41.8	40.9	3.6	3.6	3.3	9.2	8.7	8.0

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

## D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Civilian labor force			Unemployment					
				Number			Percent of labor force		
	Dec. 1982	Nov. 1983	Dec. 1983P	Dec. 1982	Nov. 1983	Dec. 1983P	Dec. 1982	Nov. 1983	Dec. 1983P
<b>NEW YORK</b> <sup>2</sup>	7,872.9	8,017.3	7,967.0	673.8	584.3	555.1	8.6	7.3	7.0
Albany—Schenectady—Troy	369.1	379.6	373.0	26.8	23.4	20.4	7.3	6.2	5.5
Binghamton <sup>1</sup>	139.4	142.7	140.5	11.9	9.7	8.6	8.5	6.8	6.1
Buffalo	542.5	536.1	531.0	70.1	55.0	52.5	12.9	10.3	9.9
Elmira	37.3	37.6	36.8	4.6	3.1	2.8	12.3	8.3	7.7
Nassau-Suffolk	1,327.9	1,391.2	1,382.0	80.9	76.6	70.3	6.1	5.5	5.1
New York	3,582.8	3,599.2	3,610.6	303.7	270.5	261.9	8.5	7.5	7.3
New York City <sup>2</sup>	2,967.0	2,968.0	2,987.0	270.0	237.0	234.0	9.1	8.0	7.8
Poughkeepsie	113.2	116.3	115.6	6.5	6.1	5.8	5.8	5.2	5.0
Rochester	470.3	478.8	470.6	38.1	33.7	32.5	8.1	7.0	6.9
Syracuse	298.6	308.2	304.3	25.1	19.2	18.0	8.4	6.2	5.9
Utica—Rome	132.0	135.9	133.2	13.2	10.9	9.9	10.0	8.0	7.5
<b>NORTH CAROLINA</b>	2,926.5	2,963.2	2,951.8	261.2	230.5	216.2	8.9	7.8	7.3
Asheville	90.3	89.8	88.5	7.6	6.5	6.0	8.4	7.2	6.7
Charlotte—Gastonia	383.6	382.5	383.8	25.6	23.8	22.2	6.7	6.2	5.8
Greensboro—Winston-Salem—High Point	457.2	454.4	453.1	35.3	30.0	26.7	7.7	6.6	5.9
Raleigh—Durham	325.2	329.3	330.1	14.1	14.4	12.6	4.3	4.4	3.8
<b>NORTH DAKOTA</b>	299.0	296.7	294.7	19.5	16.0	18.6	6.5	5.4	6.3
Fargo—Moorehead <sup>1</sup>	72.3	73.1	73.7	4.1	2.7	3.8	5.6	3.7	5.1
<b>OHIO</b> <sup>2</sup>	5,058.3	5,164.2	5,059.7	713.9	566.3	529.7	14.1	11.0	10.5
Akron	304.5	315.9	311.7	41.6	35.6	34.7	13.7	11.3	11.1
Canton	191.0	194.8	191.0	32.0	25.2	23.6	16.8	12.9	12.4
Cincinnati <sup>1</sup>	673.3	693.6	684.5	74.5	65.6	62.7	11.1	9.5	9.2
Cleveland	921.5	940.4	923.2	114.3	99.0	89.7	12.4	10.5	9.7
Columbus	564.0	597.0	588.0	51.8	50.7	47.6	9.2	8.5	8.1
Dayton	385.3	397.2	389.3	46.8	36.6	32.6	12.1	9.2	8.4
Toledo <sup>1</sup>	368.8	N.A.	N.A.	52.6	N.A.	N.A.	14.3	N.A.	N.A.
Youngstown—Warren	234.2	232.8	227.3	51.1	32.8	30.2	21.8	14.1	13.3
<b>OKLAHOMA</b>	1,458.5	1,521.9	1,511.9	99.6	122.2	115.2	6.8	8.0	7.6
Enid	30.4	31.7	31.2	1.9	2.2	1.8	6.1	6.8	5.8
Lawton	34.6	36.3	36.1	1.9	2.6	2.4	5.4	7.0	6.7
Oklahoma City	456.4	481.9	479.1	22.4	30.0	27.2	4.9	6.2	5.7
Tulsa	348.0	358.9	356.4	26.1	32.0	30.5	7.5	8.9	8.6
<b>OREGON</b>	1,295.3	1,316.0	1,307.5	153.1	136.7	146.0	11.8	10.4	11.2
Eugene—Springfield	128.1	130.6	129.9	15.9	14.0	15.4	12.4	10.7	11.9
Medford	62.8	64.9	64.7	8.4	6.6	6.8	13.4	10.1	10.5
Portland <sup>1</sup>	651.5	654.0	650.8	67.5	63.4	62.7	10.4	9.7	9.6
Salem	120.3	124.6	121.4	14.2	11.9	13.9	11.8	9.6	11.5
<b>PENNSYLVANIA</b> <sup>2</sup>	5,514.2	5,601.4	5,494.0	690.9	550.0	560.0	12.5	9.8	10.2
Allentown—Bethlehem—Easton <sup>1</sup>	310.9	311.4	309.1	39.6	28.7	31.3	12.7	9.2	10.1
Altoona	57.2	57.1	55.9	9.9	7.4	7.7	17.2	13.0	13.8
Erie	130.0	127.6	125.2	21.4	15.5	15.9	16.5	12.2	12.7
Harrisburg	236.7	245.3	240.0	17.3	14.2	13.9	7.3	5.8	5.8
Johnstown	107.6	105.0	104.4	24.0	16.0	17.0	22.3	15.2	16.3
Lancaster	184.4	190.8	187.3	15.1	9.9	10.4	8.2	5.2	5.6
Northeast Pennsylvania	289.5	299.9	292.9	37.9	35.3	35.4	13.1	11.8	12.1
Philadelphia <sup>1</sup>	2,197.7	2,270.5	2,247.8	185.8	164.2	163.2	8.5	7.2	7.3
Pittsburgh	1,037.6	1,034.8	1,011.3	156.4	125.6	123.6	15.1	12.1	12.2
Reading	160.7	165.9	164.4	17.8	10.9	12.0	11.1	6.5	7.3
Sharon	53.2	52.3	51.2	10.5	7.4	7.2	19.7	14.1	14.0
State College	50.5	54.0	50.8	5.7	4.7	4.8	11.2	8.7	9.5
Williamsport	53.7	53.4	53.2	9.2	6.3	7.2	17.1	11.8	13.5
York	181.8	185.6	181.5	21.7	16.4	17.1	11.9	8.8	9.4
<b>RHODE ISLAND</b>	481.2	490.2	489.2	48.1	30.4	33.1	10.0	6.2	6.8
Providence—Warwick—Pawtucket <sup>1</sup>	472.0	482.0	481.7	47.5	30.2	33.3	10.1	6.3	6.9
<b>SOUTH CAROLINA</b>	1,469.3	1,426.7	1,430.9	160.4	115.2	113.2	10.9	8.1	7.9
Charleston—North Charleston	178.1	175.7	177.3	14.4	12.4	11.7	8.1	7.1	6.6
Columbia	198.2	196.9	198.8	13.4	10.9	10.3	6.8	5.6	5.2
Greenville—Spartanburg	292.5	282.4	284.7	30.7	19.4	18.6	10.5	6.9	6.5
<b>SOUTH DAKOTA</b>	315.9	318.5	316.0	18.8	14.9	16.8	6.0	4.7	5.3
Sioux Falls	63.1	65.1	64.8	3.0	2.8	2.9	4.8	4.3	4.5
<b>TENNESSEE</b>	2,113.1	2,215.5	2,199.3	269.1	217.4	226.0	12.7	9.8	10.3
Chattanooga <sup>1</sup>	195.8	202.0	198.6	18.7	18.4	17.6	9.5	9.1	8.9
Knoxville	232.1	240.1	239.1	23.6	21.7	22.4	10.1	9.1	9.4
Memphis <sup>1</sup>	399.5	411.7	408.9	39.9	37.2	35.8	10.0	9.0	8.8
Nashville—Davidson	442.9	453.4	453.5	40.8	31.2	33.4	9.2	6.9	7.4

See footnotes at end of table.



# STATE AND AREA UNEMPLOYMENT DATA

## D-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Civilian labor force			Unemployment					
				Number			Percent of labor force		
	Dec. 1982	Nov. 1983	Dec. 1983P	Dec. 1982	Nov. 1983	Dec. 1983P	Dec. 1982	Nov. 1983	Dec. 1983P
<b>TEXAS<sup>2</sup></b>	7,495.4	7,673.3	7,741.0	556.9	521.5	549.2	7.4	6.8	7.1
Abilene	77.9	80.4	81.0	3.5	3.9	4.6	4.5	4.8	5.7
Amarillo	98.0	101.3	102.9	5.5	5.6	6.5	5.6	5.5	6.3
Austin	306.7	313.1	317.9	13.6	11.4	12.6	4.4	3.7	4.0
Beaumont—Port Arthur—Orange	184.5	180.0	183.1	24.3	21.4	23.6	13.2	11.9	12.9
Brownsville—Harlingen—San Benito	84.4	87.1	88.7	12.8	12.6	13.9	15.1	14.5	15.7
Bryan—College Station	51.6	53.3	53.6	1.9	1.5	1.7	3.7	2.9	3.1
Corpus Christi	165.4	170.1	171.6	13.6	16.3	17.0	8.3	9.6	9.9
Dallas—Fort Worth	1,730.2	1,805.0	1,819.2	90.8	80.7	81.8	5.2	4.5	4.5
El Paso	192.8	195.6	198.4	22.0	20.5	22.4	11.4	10.5	11.3
Galveston—Texas City	91.3	91.9	92.3	11.4	9.1	9.6	12.4	9.9	10.4
Houston	1,779.9	1,793.9	1,806.4	141.0	138.1	142.1	7.9	7.7	7.9
Killeen—Temple	70.7	74.4	75.1	4.0	3.7	3.8	5.7	4.9	5.1
Laredo	41.2	39.3	40.0	9.8	8.3	8.8	23.7	21.2	22.0
Longview—Marshall	80.4	79.8	81.2	9.2	7.6	8.5	11.4	9.5	10.5
Lubbock	108.0	113.3	113.3	4.8	7.8	7.9	4.5	6.8	6.9
McAllen—Pharr—Edinburg	116.3	116.7	121.8	21.3	21.4	23.5	18.3	18.4	19.2
Midland	63.6	69.4	70.4	2.9	3.6	3.5	4.5	5.3	4.9
Odessa	71.6	74.7	75.5	4.8	5.6	5.2	6.7	7.5	6.9
San Angelo	47.3	48.1	48.8	2.2	2.4	2.7	4.6	5.0	5.6
San Antonio	475.9	502.6	507.0	27.0	26.8	28.4	5.7	5.3	5.6
Sherman—Denison	39.9	39.5	39.8	3.9	2.6	2.8	9.6	6.6	7.1
Texarkana	51.4	52.0	52.2	4.9	4.7	4.8	9.5	9.1	9.1
Tyler	73.8	76.1	78.5	4.6	4.3	6.0	6.2	5.7	7.6
Waco	85.3	88.3	89.0	5.6	4.4	4.9	6.6	5.0	5.5
Wichita Falls	66.9	68.2	69.0	4.8	3.7	3.9	7.2	5.4	5.7
<b>UTAH</b>	671.6	693.4	696.6	58.3	50.8	54.8	8.7	7.3	7.9
Salt Lake City—Ogden	440.5	456.1	458.5	36.3	31.5	33.0	8.2	6.9	7.2
<b>VERMONT</b>	266.4	265.5	265.9	19.3	14.0	15.3	7.2	5.3	5.8
Burlington	70.1	70.7	70.5	3.7	2.7	3.0	5.3	3.8	4.2
<b>VIRGINIA</b>	2,661.3	2,731.2	2,724.1	216.2	154.0	150.7	8.1	5.6	5.5
Lynchburg	76.5	77.7	76.8	7.7	5.7	4.6	10.1	7.3	6.0
Newport News—Hampton	170.1	180.6	178.9	10.2	9.9	8.3	6.0	5.5	4.6
Norfolk—Virginia Beach—Portsmouth	344.4	359.0	359.5	24.5	19.1	18.6	7.1	5.3	5.2
Petersburg—Colonial Heights—Hopewell	59.0	57.4	56.8	6.8	5.0	5.0	11.5	8.8	8.8
Richmond	338.0	347.9	348.8	21.0	15.9	15.9	6.2	4.6	4.6
Roanoke	112.3	117.1	117.4	9.0	6.5	6.6	8.0	5.5	5.6
<b>WASHINGTON</b>	2,003.7	2,074.7	2,072.5	261.0	213.8	218.6	13.0	10.3	10.5
<b>WEST VIRGINIA</b>	778.1	752.1	756.0	132.4	113.0	118.8	17.0	15.0	15.7
Charleston	122.7	119.3	120.0	14.1	14.4	14.9	11.5	12.1	12.5
Huntington—Ashland <sup>1</sup>	123.7	122.3	122.0	19.7	20.3	20.0	15.9	16.6	16.4
Parkersburg—Marietta <sup>1</sup>	74.4	72.9	72.1	10.9	9.2	9.2	14.6	12.7	12.7
Wheeling <sup>1</sup>	83.1	80.3	78.9	14.2	12.3	11.6	17.1	15.3	14.7
<b>WISCONSIN</b>	2,438.5	2,467.0	2,480.0	290.8	222.0	239.4	11.9	9.0	9.7
Appleton—Oshkosh	152.8	156.3	156.9	18.2	13.4	15.0	11.9	8.6	9.6
Eau Claire	62.0	62.6	63.1	7.6	5.5	6.5	12.2	8.7	10.2
Green Bay	94.9	99.3	99.5	9.0	8.6	9.0	9.5	8.6	9.0
Janesville—Beloit	71.0	75.3	74.7	8.6	7.9	7.1	12.1	10.5	9.5
Kenosha	62.3	62.7	63.5	7.9	5.2	5.4	12.6	8.3	8.5
La Crosse	51.8	53.8	54.1	4.9	4.2	4.6	9.4	7.8	8.5
Madison	191.1	198.9	199.9	13.4	11.9	13.8	7.0	6.0	6.9
Milwaukee	734.4	728.0	733.6	87.5	64.9	64.5	11.9	8.9	8.8
Racine	64.6	63.4	64.6	8.2	8.2	8.9	12.7	8.8	10.7
<b>WYOMING</b>	248.7	255.8	257.3	19.7	15.2	16.0	7.9	5.9	6.2

<sup>1</sup> Includes interstate portion of area located in adjacent State.

<sup>2</sup> Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

becomes available. Data refer to place of residence.

p = preliminary.

N.A. = not available.

NOTE: Estimates for 1982 have been benchmarked to 1982 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1983 are provisional and will be revised when new benchmark information

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. The report "Employment and Unemployment in States and Local Areas" is published monthly through GPO and is available on microfiche only on a subscription basis.

**Revised**

**Seasonally Adjusted**

**Labor Force Series**

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**1. Labor force by sex, age, race, Hispanic origin, marital status, and full- or part-time status**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Labor force, including resident Armed Forces, total</b>												
1979	105,666	106,109	106,189	105,765	105,760	106,224	106,600	106,699	107,130	107,299	107,407	107,846
1980	108,115	108,269	108,037	108,181	108,516	108,430	108,778	108,698	108,718	109,031	109,181	108,964
1981	109,657	109,899	110,233	110,598	110,834	110,063	110,237	110,345	109,918	110,631	110,828	110,547
1982	110,731	111,167	111,335	111,569	112,207	111,797	112,073	112,162	112,349	112,358	112,583	112,538
1983	112,344	112,352	112,399	112,646	112,619	113,573	113,489	113,799	113,924	113,561	113,720	113,824
<b>Labor force, including resident Armed Forces, men</b>												
1979	62,033	62,186	62,042	61,938	61,844	62,128	62,297	62,248	62,501	62,411	62,429	62,589
1980	62,739	62,915	62,768	62,779	62,993	62,929	63,108	63,000	63,033	63,149	63,178	63,023
1981	63,354	63,388	63,533	63,710	63,766	63,210	63,348	63,473	63,380	63,517	63,577	63,587
1982	63,608	63,767	63,800	63,930	64,233	63,811	63,903	63,986	64,226	64,270	64,318	64,263
1983	64,017	64,077	64,098	64,311	64,348	64,778	64,840	64,807	64,877	64,709	64,846	64,838
<b>Labor force, including resident Armed Forces, women</b>												
1979	43,633	43,924	44,147	43,827	43,916	44,096	44,303	44,451	44,629	44,887	44,978	45,258
1980	45,376	45,354	45,269	45,402	45,523	45,501	45,670	45,698	45,685	45,882	46,003	45,941
1981	46,303	46,511	46,700	46,888	47,068	46,853	46,889	46,872	46,538	47,114	47,251	46,960
1982	47,123	47,400	47,535	47,639	47,974	47,986	48,170	48,176	48,123	48,088	48,265	48,275
1983	48,327	48,275	48,303	48,335	48,271	48,795	48,649	48,992	49,047	48,852	48,874	48,986
<b>Civilian labor force, all civilian workers</b>												
1979	104,057	104,502	104,589	104,172	104,171	104,638	105,002	105,096	105,530	105,700	105,812	106,258
1980	106,544	106,691	106,457	106,603	106,925	106,837	107,174	107,079	107,091	107,401	107,546	107,327
1981	108,025	108,267	108,597	108,965	109,207	108,434	108,589	108,661	108,257	108,977	109,169	108,882
1982	109,075	109,503	109,664	109,901	110,542	110,133	110,399	110,473	110,679	110,690	110,923	110,873
1983	110,677	110,688	110,735	110,975	110,950	111,905	111,825	112,117	112,229	111,866	112,035	112,136
<b>Civilian labor force, men</b>												
1979	60,527	60,682	60,546	60,449	60,382	60,649	60,810	60,756	61,012	60,924	60,948	61,114
1980	61,283	61,456	61,307	61,324	61,526	61,461	61,630	61,508	61,534	61,647	61,672	61,515
1981	61,852	61,887	62,028	62,209	62,269	61,711	61,837	61,946	61,855	61,996	62,052	62,058
1982	62,088	62,240	62,268	62,401	62,706	62,285	62,366	62,435	62,700	62,746	62,802	62,734
1983	62,486	62,549	62,568	62,781	62,820	63,253	63,319	63,269	63,328	63,166	63,312	63,301
<b>Civilian labor force, women</b>												
1979	43,530	43,820	44,043	43,723	43,809	43,989	44,192	44,340	44,518	44,776	44,864	45,144
1980	45,261	45,235	45,150	45,279	45,399	45,376	45,544	45,571	45,557	45,754	45,874	45,812
1981	46,173	46,380	46,569	46,756	46,938	46,723	46,752	46,735	46,402	46,981	47,117	46,824
1982	46,987	47,263	47,396	47,500	47,836	47,848	48,033	48,038	47,979	47,944	48,121	48,139
1983	48,191	48,139	48,167	48,194	48,130	48,652	48,506	48,848	48,901	48,700	48,723	48,835
<b>Civilian labor force, both sexes, 16 to 19 years</b>												
1979	9,749	9,762	9,751	9,652	9,553	9,664	9,606	9,456	9,623	9,574	9,599	9,690
1980	9,582	9,504	9,507	9,277	9,472	9,437	9,502	9,227	9,290	9,319	9,250	9,172
1981	9,292	9,271	9,239	9,306	9,173	9,775	8,845	8,904	8,838	8,832	8,831	8,591
1982	8,654	8,723	8,617	8,638	8,784	8,279	8,379	8,460	8,477	8,467	8,491	8,366
1983	8,312	8,215	8,208	8,152	8,073	8,377	8,196	8,267	8,155	7,981	8,029	8,062
<b>Civilian labor force, men, 16 to 19 years</b>												
1979	5,178	5,158	5,156	5,111	5,067	5,147	5,124	5,070	5,157	5,029	5,064	5,124
1980	5,064	5,047	5,107	4,987	5,049	5,071	5,071	4,917	4,916	4,972	4,926	4,853
1981	4,974	4,941	4,908	4,955	4,866	4,624	4,663	4,717	4,683	4,697	4,709	4,607
1982	4,598	4,603	4,570	4,544	4,664	4,294	4,297	4,414	4,401	4,416	4,447	4,415
1983	4,355	4,324	4,300	4,269	4,274	4,409	4,337	4,315	4,316	4,217	4,259	4,251
<b>Civilian labor force, women, 16 to 19 years</b>												
1979	4,571	4,604	4,595	4,541	4,486	4,517	4,482	4,386	4,466	4,545	4,535	4,566
1980	4,518	4,457	4,400	4,290	4,423	4,366	4,431	4,310	4,374	4,347	4,324	4,319
1981	4,318	4,330	4,331	4,351	4,307	4,151	4,182	4,187	4,155	4,135	4,122	3,984
1982	4,056	4,120	4,047	4,094	4,120	3,985	4,082	4,046	4,076	4,051	4,044	3,951
1983	3,957	3,891	3,908	3,883	3,799	3,968	3,859	3,952	3,839	3,764	3,770	3,811

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**1. Labor force by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force, both sexes, 20 years and over												
1979	94,308	94,740	94,838	94,520	94,618	94,974	95,396	95,640	95,907	96,126	96,213	96,568
1980	96,962	97,187	96,950	97,328	97,453	97,400	97,672	97,852	97,801	98,082	98,296	98,155
1981	98,733	98,996	99,358	99,659	100,034	99,659	99,744	99,777	99,419	100,145	100,338	100,291
1982	100,421	100,780	101,047	101,263	101,758	101,854	102,020	102,013	102,202	102,223	102,432	102,507
1983	102,365	102,473	102,527	102,823	102,877	103,528	103,629	103,850	104,074	103,885	104,006	104,074
Civilian labor force, men, 20 years and over												
1979	55,349	55,524	55,390	55,338	55,295	55,502	55,686	55,686	55,855	55,895	55,884	55,990
1980	56,219	56,409	56,200	56,337	56,477	56,390	56,559	56,591	56,618	56,675	56,746	56,682
1981	56,878	56,946	57,120	57,254	57,403	57,087	57,174	57,229	57,172	57,299	57,343	57,451
1982	57,490	57,637	57,698	57,857	58,042	57,991	58,069	58,021	58,299	58,330	58,355	58,319
1983	58,131	58,225	58,268	58,512	58,546	58,844	58,982	58,954	59,012	58,949	59,053	59,050
Civilian labor force, women, 20 years and over												
1979	38,959	39,216	39,448	39,182	39,323	39,472	39,710	39,954	40,052	40,231	40,329	40,578
1980	40,743	40,778	40,750	40,989	40,976	41,010	41,113	41,261	41,183	41,407	41,550	41,493
1981	41,855	42,050	42,238	42,405	42,631	42,572	42,570	42,548	42,247	42,846	42,995	42,840
1982	42,931	43,143	43,349	43,406	43,716	43,863	43,951	43,992	43,903	43,893	44,077	44,188
1983	44,234	44,248	44,259	44,311	44,331	44,684	44,647	44,896	45,062	44,936	44,953	45,024
Civilian labor force, both sexes, 20 to 24 years												
1979	15,613	15,753	15,775	15,730	15,679	15,756	15,782	15,792	15,879	15,821	15,789	15,861
1980	15,887	15,871	15,814	15,885	16,042	15,873	15,925	15,935	15,925	16,074	16,027	15,958
1981	16,124	16,070	16,065	16,140	16,256	16,034	16,076	16,114	16,029	16,164	16,036	18,075
1982	16,022	16,068	16,114	16,128	16,153	16,101	16,033	16,068	16,022	16,055	16,134	16,155
1983	16,069	16,125	15,993	16,035	15,972	16,156	16,115	16,100	16,056	16,003	16,001	15,879
Civilian labor force, men, 20 to 24 years												
1979	8,482	8,525	8,473	8,540	8,448	8,531	8,536	8,529	8,630	8,605	8,543	8,588
1980	8,613	8,639	8,631	8,631	8,739	8,591	8,584	8,593	8,618	8,641	8,612	8,569
1981	8,640	8,631	8,675	8,676	8,767	8,588	8,609	8,657	8,655	8,626	8,599	8,642
1982	8,617	8,633	8,627	8,622	8,646	8,544	8,567	8,574	8,595	8,625	8,638	8,633
1983	8,585	8,584	8,489	8,569	8,578	8,728	8,666	8,659	8,589	8,561	8,572	8,517
Civilian labor force, women, 20 to 24 years												
1979	7,131	7,228	7,302	7,190	7,231	7,225	7,246	7,263	7,249	7,216	7,246	7,273
1980	7,274	7,232	7,183	7,254	7,303	7,282	7,361	7,342	7,309	7,433	7,415	7,387
1981	7,484	7,439	7,390	7,464	7,489	7,446	7,467	7,457	7,374	7,538	7,437	7,433
1982	7,405	7,435	7,487	7,506	7,507	7,557	7,466	7,494	7,427	7,430	7,498	7,522
1983	7,484	7,541	7,504	7,466	7,394	7,428	7,449	7,441	7,467	7,442	7,429	7,362
Civilian labor force, both sexes, 25 years and over												
1979	78,686	78,979	79,090	78,785	78,947	79,224	79,622	79,862	80,044	80,365	80,309	80,708
1980	81,063	81,303	81,166	81,422	81,443	81,547	81,748	81,948	81,896	82,054	82,157	82,202
1981	82,591	82,929	83,314	83,501	83,819	83,620	83,652	83,673	83,413	84,001	84,224	84,237
1982	84,369	84,720	84,930	85,097	85,651	85,774	85,982	85,975	86,201	86,189	86,258	86,376
1983	86,260	86,368	86,506	86,739	86,932	87,399	87,506	87,787	88,038	87,894	87,996	88,210
Civilian labor force, men, 25 years and over												
1979	46,855	46,984	46,938	46,790	46,855	46,982	47,130	47,178	47,251	47,316	47,278	47,400
1980	47,592	47,758	47,801	47,687	47,769	47,818	47,970	48,030	48,029	48,054	48,069	48,089
1981	48,213	48,312	48,465	48,575	48,678	48,509	48,517	48,578	48,549	48,673	48,704	48,821
1982	48,838	49,004	49,076	49,223	49,443	49,473	49,451	49,463	49,741	49,707	49,703	49,709
1983	49,507	49,647	49,772	49,931	50,005	50,130	50,256	50,302	50,460	50,386	50,490	50,549
Civilian labor force, women, 25 years and over												
1979	31,831	31,995	32,152	31,995	32,082	32,242	32,492	32,684	32,793	33,049	33,031	33,308
1980	33,471	33,545	33,565	33,725	33,674	33,729	33,778	33,918	33,867	34,000	34,088	34,113
1981	34,378	34,617	34,849	34,926	35,141	35,111	35,135	35,095	34,864	35,328	35,520	35,418
1982	35,531	35,716	35,854	35,874	36,208	36,301	36,531	36,512	36,460	36,482	36,555	36,667
1983	36,753	36,721	36,734	36,808	36,927	37,269	37,250	37,485	37,578	37,508	37,506	37,661

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**1. Labor force by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force, both sexes, 25 to 54 years												
1979	63,612	63,850	64,004	63,882	63,972	64,212	64,627	64,855	65,032	65,239	65,255	65,690
1980	85,972	66,069	66,147	66,367	66,410	66,446	66,666	66,798	66,961	67,065	67,227	67,312
1981	67,666	67,828	68,186	68,370	68,679	68,493	68,583	68,695	68,590	69,058	69,361	69,323
1982	69,455	69,791	69,889	70,012	70,484	70,527	70,825	70,891	70,938	71,106	71,137	71,291
1983	71,241	71,284	71,518	71,797	72,001	72,370	72,504	72,823	72,933	72,796	72,920	73,117
Civilian labor force, men, 25 to 54 years												
1979	37,620	37,748	37,801	37,701	37,740	37,866	37,987	37,985	38,060	38,130	38,154	38,288
1980	38,445	38,474	38,473	38,541	38,625	38,665	38,828	38,818	38,978	38,944	39,025	38,992
1981	39,150	39,154	39,353	39,435	39,545	39,478	39,467	39,577	39,631	39,705	39,823	39,802
1982	39,690	40,026	40,072	40,166	40,361	40,394	40,442	40,501	40,652	40,689	40,693	40,660
1983	40,574	40,680	40,836	40,974	41,085	41,213	41,290	41,363	41,488	41,408	41,485	41,556
Civilian labor force, women, 25 to 54 years												
1979	25,992	26,104	26,203	26,161	26,232	26,348	26,640	26,870	26,972	27,109	27,101	27,402
1980	27,527	27,615	27,674	27,826	27,785	27,781	27,838	27,980	27,983	28,121	28,202	28,320
1981	28,516	28,674	28,813	28,935	29,134	29,015	29,126	29,118	28,959	29,353	29,538	29,521
1982	29,565	29,765	29,817	29,846	30,123	30,133	30,383	30,390	30,286	30,417	30,444	30,631
1983	30,667	30,604	30,682	30,823	30,916	31,157	31,214	31,460	31,445	31,388	31,435	31,561
Civilian labor force, both sexes, 25 to 34 years												
1979	27,430	27,530	27,522	27,548	27,726	27,836	28,000	28,104	28,218	28,325	28,408	28,573
1980	28,669	28,937	28,933	29,117	29,116	29,078	29,241	29,326	29,435	29,539	29,629	29,670
1981	29,857	29,929	30,174	30,256	30,458	30,414	30,486	30,517	30,488	30,690	30,764	30,676
1982	30,826	30,937	30,963	31,014	31,121	31,180	31,266	31,378	31,369	31,414	31,391	31,522
1983	31,423	31,429	31,466	31,614	31,786	31,927	31,900	32,016	32,051	31,977	32,106	32,124
Civilian labor force, men, 25 to 34 years												
1979	18,156	18,228	18,227	18,242	18,310	18,342	18,408	18,405	18,485	18,552	18,586	18,668
1980	18,796	18,824	18,796	18,852	18,910	18,927	19,019	19,033	19,157	19,140	19,181	19,175
1981	19,267	19,293	19,405	19,426	19,515	19,495	19,497	19,545	19,555	19,589	19,602	19,566
1982	19,633	19,697	19,699	19,773	19,798	19,810	19,840	19,856	19,896	19,897	19,874	19,888
1983	19,801	19,847	19,899	19,948	20,010	20,063	20,049	20,096	20,126	20,103	20,167	20,179
Civilian labor force, women, 25 to 34 years												
1979	11,274	11,302	11,295	11,306	11,416	11,494	11,592	11,699	11,733	11,773	11,822	11,905
1980	12,073	12,113	12,137	12,265	12,206	12,151	12,222	12,293	12,278	12,399	12,448	12,495
1981	12,590	12,636	12,769	12,830	12,943	12,919	12,989	12,972	12,933	13,101	13,162	13,110
1982	13,193	13,240	13,264	13,241	13,323	13,370	13,426	13,422	13,473	13,517	13,517	13,634
1983	13,622	13,582	13,567	13,666	13,786	13,864	13,851	13,920	13,925	13,874	13,939	13,945
Civilian labor force, both sexes, 35 to 44 years												
1979	19,196	19,319	19,464	19,457	19,526	19,620	19,709	19,840	19,922	20,040	19,982	20,143
1980	20,148	20,191	20,296	20,334	20,431	20,475	20,538	20,548	20,575	20,639	20,706	20,731
1981	20,772	20,841	20,932	21,033	21,092	21,089	21,158	21,289	21,356	21,502	21,666	21,760
1982	21,852	22,003	22,018	22,120	22,325	22,434	22,530	22,661	22,667	22,806	22,855	22,979
1983	23,079	23,131	23,269	23,362	23,392	23,577	23,699	23,804	23,916	23,936	24,008	24,141
Civilian labor force, men, 35 to 44 years												
1979	11,385	11,418	11,466	11,442	11,456	11,512	11,589	11,572	11,602	11,628	11,650	11,683
1980	11,699	11,700	11,734	11,755	11,806	11,821	11,905	11,883	11,926	11,946	11,954	11,961
1981	11,991	11,988	12,055	12,103	12,120	12,102	12,090	12,179	12,259	12,289	12,350	12,427
1982	12,466	12,541	12,584	12,628	12,751	12,791	12,820	12,893	12,936	12,990	13,009	13,018
1983	13,084	13,105	13,202	13,270	13,336	13,404	13,465	13,489	13,572	13,568	13,616	13,661
Civilian labor force, women, 35 to 44 years												
1979	7,811	7,901	7,998	8,015	8,070	8,108	8,140	8,268	8,320	8,412	8,332	8,460
1980	8,449	8,491	8,562	8,579	8,625	8,654	8,633	8,665	8,649	8,693	8,752	8,770
1981	8,781	8,853	8,877	8,930	8,972	8,987	9,068	9,110	9,097	9,213	9,316	9,333
1982	9,366	9,462	9,434	9,492	9,574	9,643	9,710	9,768	9,731	9,816	9,846	9,961
1983	10,015	10,028	10,067	10,092	10,056	10,173	10,234	10,315	10,344	10,368	10,392	10,480

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**1. Labor force by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Civilian labor force, both sexes, 45 to 54 years</b>												
1979	16,986	17,001	17,018	16,857	16,720	16,756	16,918	16,911	16,892	16,874	16,865	16,974
1980	16,955	16,961	16,918	16,916	16,863	16,893	16,887	16,924	16,951	16,887	16,892	16,911
1981	17,037	17,058	17,060	17,081	17,129	16,990	16,949	16,889	16,746	16,866	16,931	16,887
1982	16,777	16,851	16,908	16,878	17,038	16,913	17,029	16,852	16,902	16,886	16,891	16,790
1983	16,739	16,724	16,783	16,821	16,813	16,866	16,905	17,003	16,966	16,883	16,806	16,852
<b>Civilian labor force, men, 45 to 54 years</b>												
1979	10,079	10,100	10,108	10,017	9,974	10,012	10,010	10,008	9,973	9,950	9,918	9,937
1980	9,950	9,950	9,943	9,934	9,909	9,917	9,904	9,902	9,895	9,858	9,890	9,856
1981	9,892	9,873	9,893	9,906	9,910	9,881	9,880	9,853	9,817	9,827	9,871	9,809
1982	9,791	9,788	9,789	9,765	9,812	9,793	9,782	9,752	9,820	9,802	9,810	9,754
1983	9,709	9,728	9,735	9,756	9,739	9,746	9,776	9,778	9,790	9,737	9,702	9,716
<b>Civilian labor force, women, 45 to 54 years</b>												
1979	6,907	6,901	6,910	6,840	6,746	6,744	6,908	6,903	6,919	6,924	6,947	7,037
1980	7,005	7,011	6,975	6,982	6,954	6,976	6,983	7,022	7,056	7,029	7,002	7,055
1981	7,145	7,185	7,167	7,175	7,219	7,109	7,069	7,036	6,929	7,039	7,060	7,078
1982	6,986	7,063	7,119	7,113	7,226	7,120	7,247	7,100	7,082	7,084	7,081	7,036
1983	7,030	6,996	7,048	7,065	7,074	7,120	7,129	7,225	7,176	7,146	7,104	7,136
<b>Civilian labor force, both sexes, 55 years and over</b>												
1979	15,106	15,098	15,075	14,922	14,974	14,968	14,959	15,031	15,052	15,111	15,065	15,053
1980	15,147	15,177	15,010	15,061	15,055	15,029	15,049	15,159	15,000	14,975	14,949	14,897
1981	14,969	15,046	15,130	15,138	15,150	15,071	15,036	14,982	14,878	14,946	14,873	14,931
1982	14,934	14,847	15,023	15,083	15,180	15,195	15,153	15,103	15,324	15,085	15,139	15,087
1983	15,035	14,997	14,964	14,936	14,927	15,003	15,022	14,996	15,153	15,117	15,105	15,089
<b>Civilian labor force, men, 55 years and over</b>												
1979	9,265	9,212	9,154	9,082	9,104	9,114	9,146	9,173	9,214	9,153	9,147	9,110
1980	9,177	9,247	9,144	9,147	9,140	9,151	9,140	9,197	9,094	9,086	9,075	9,078
1981	9,093	9,122	9,127	9,135	9,114	9,043	9,040	8,990	8,949	8,957	8,901	8,993
1982	8,977	8,936	9,012	9,048	9,060	9,095	9,004	8,969	9,128	9,018	9,030	9,006
1983	8,965	8,936	8,928	8,943	8,887	8,952	8,970	8,950	9,006	8,981	9,031	8,951
<b>Civilian labor force, women, 55 years and over</b>												
1979	5,841	5,886	5,921	5,840	5,870	5,854	5,813	5,858	5,838	5,958	5,918	5,943
1980	5,970	5,930	5,866	5,914	5,915	5,878	5,909	5,962	5,906	5,889	5,874	5,819
1981	5,876	5,924	6,003	6,001	6,036	6,028	5,998	5,992	5,929	5,989	5,972	5,938
1982	5,957	5,911	6,011	6,035	6,120	6,100	6,149	6,134	6,196	6,077	6,109	6,061
1983	6,070	6,061	6,036	5,993	6,040	6,051	6,052	6,046	6,147	6,136	6,074	6,138
<b>Civilian labor force, both sexes, 55 to 64 years</b>												
1979	11,989	11,950	11,949	11,802	11,886	11,854	11,903	11,922	11,962	12,032	11,961	11,963
1980	11,996	12,036	11,955	12,022	12,008	12,007	12,024	12,053	11,977	11,952	11,914	11,902
1981	11,975	12,004	12,064	12,034	12,091	12,005	11,994	11,943	11,884	11,898	11,869	11,887
1982	11,946	11,853	12,001	12,061	12,066	12,105	12,110	12,115	12,261	12,095	12,125	12,068
1983	12,016	11,976	11,913	11,917	11,943	12,024	11,989	11,958	11,989	12,027	12,040	12,081
<b>Civilian labor force, men, 55 to 64 years</b>												
1979	7,304	7,247	7,208	7,135	7,174	7,159	7,210	7,231	7,247	7,237	7,208	7,196
1980	7,239	7,274	7,238	7,254	7,252	7,272	7,271	7,272	7,229	7,225	7,200	7,215
1981	7,226	7,242	7,251	7,216	7,231	7,178	7,189	7,133	7,125	7,078	7,082	7,112
1982	7,136	7,088	7,142	7,185	7,174	7,199	7,164	7,180	7,287	7,217	7,195	7,173
1983	7,127	7,105	7,060	7,105	7,090	7,133	7,098	7,095	7,112	7,137	7,173	7,169
<b>Civilian labor force, women, 55 to 64 years</b>												
1979	4,685	4,703	4,741	4,667	4,712	4,695	4,693	4,691	4,715	4,785	4,753	4,767
1980	4,757	4,762	4,717	4,768	4,756	4,735	4,753	4,781	4,748	4,727	4,714	4,687
1981	4,749	4,762	4,813	4,818	4,860	4,827	4,805	4,810	4,759	4,820	4,787	4,775
1982	4,810	4,765	4,859	4,876	4,892	4,906	4,946	4,935	4,974	4,878	4,930	4,895
1983	4,889	4,871	4,853	4,812	4,853	4,891	4,891	4,863	4,877	4,890	4,887	4,912

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**1. Labor force by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Civilian labor force, both sexes, 65 years and over</b>												
1979	3,117	3,148	3,126	3,120	3,088	3,114	3,058	3,109	3,090	3,079	3,104	3,090
1980	3,151	3,141	3,055	3,039	3,047	3,022	3,025	3,106	3,023	3,023	3,035	2,995
1981	2,984	3,042	3,066	3,102	3,059	3,066	3,042	3,039	2,994	3,048	3,004	3,044
1982	2,988	2,994	3,022	3,022	3,114	3,090	3,043	2,988	3,063	3,000	3,014	3,019
1983	3,019	3,021	3,051	3,019	2,984	2,979	3,033	3,038	3,164	3,090	3,065	3,008
<b>Civilian labor force, men, 65 years and over</b>												
1979	1,961	1,965	1,948	1,947	1,930	1,955	1,936	1,942	1,967	1,918	1,939	1,914
1980	1,938	1,973	1,906	1,893	1,888	1,879	1,869	1,925	1,865	1,861	1,875	1,863
1981	1,867	1,880	1,876	1,919	1,883	1,885	1,851	1,857	1,824	1,879	1,819	1,881
1982	1,841	1,848	1,870	1,863	1,886	1,898	1,840	1,789	1,841	1,801	1,835	1,833
1983	1,838	1,831	1,868	1,838	1,797	1,819	1,872	1,855	1,894	1,844	1,858	1,782
<b>Civilian labor force, women, 65 years and over</b>												
1979	1,156	1,183	1,180	1,173	1,158	1,159	1,120	1,167	1,123	1,183	1,185	1,176
1980	1,213	1,168	1,149	1,148	1,159	1,143	1,156	1,181	1,158	1,162	1,180	1,132
1981	1,127	1,162	1,190	1,183	1,176	1,201	1,191	1,182	1,170	1,169	1,185	1,163
1982	1,147	1,146	1,152	1,159	1,228	1,194	1,203	1,199	1,222	1,199	1,179	1,186
1983	1,181	1,190	1,183	1,181	1,187	1,180	1,161	1,183	1,270	1,246	1,207	1,228
<b>Civilian labor force, white workers</b>												
1979	91,283	91,626	91,583	91,238	91,236	91,580	91,910	91,988	92,395	92,503	92,636	93,128
1980	93,354	93,540	93,298	93,438	93,617	93,523	93,685	93,672	93,669	93,937	93,988	93,917
1981	94,459	94,808	94,957	95,288	95,574	94,824	95,020	95,037	94,676	95,298	95,372	95,262
1982	95,329	95,850	95,804	96,090	96,477	96,143	96,355	96,251	98,455	98,391	98,558	96,813
1983	96,287	96,238	96,265	96,450	98,472	97,235	97,255	97,498	97,507	97,339	97,559	97,724
<b>Civilian labor force, white men</b>												
1979	53,758	53,887	53,712	53,637	53,523	53,776	53,894	53,833	54,024	53,968	54,070	54,245
1980	54,353	54,577	54,422	54,420	54,580	54,498	54,583	54,500	54,460	54,583	54,588	54,517
1981	54,721	54,879	54,924	55,095	55,103	54,712	54,811	54,839	54,788	54,906	54,948	54,997
1982	54,933	55,048	55,061	55,172	55,372	55,052	55,076	55,109	55,300	55,286	55,306	55,283
1983	54,958	55,086	55,119	55,240	55,320	55,621	55,666	55,654	55,852	55,570	55,729	55,786
<b>Civilian labor force, white women</b>												
1979	37,525	37,739	37,871	37,801	37,713	37,804	38,016	38,155	38,371	38,535	38,566	38,883
1980	39,001	38,963	38,876	39,016	39,037	39,025	39,102	39,102	39,209	39,354	39,400	39,400
1981	39,738	39,929	40,033	40,193	40,471	40,112	40,209	40,198	39,888	40,390	40,424	40,265
1982	40,396	40,802	40,743	40,918	41,105	41,091	41,279	41,142	41,155	41,105	41,252	41,330
1983	41,329	41,152	41,146	41,210	41,152	41,614	41,589	41,844	41,855	41,789	41,830	41,938
<b>Civilian labor force, white workers, 16 to 19 years</b>												
1979	8,670	8,610	8,655	8,529	8,436	8,549	8,532	8,360	8,551	8,507	8,556	8,634
1980	8,527	8,418	8,447	8,260	8,374	8,354	8,419	8,189	8,195	8,272	8,184	8,122
1981	8,180	8,240	8,173	8,193	8,101	7,763	7,845	7,921	7,883	7,821	7,818	7,621
1982	7,888	7,872	7,595	7,690	7,783	7,354	7,389	7,439	7,446	7,437	7,437	7,334
1983	7,344	7,271	7,281	7,177	7,106	7,286	7,193	7,264	7,158	6,999	7,049	7,105
<b>Civilian labor force, white men, 16 to 19 years</b>												
1979	4,609	4,535	4,564	4,525	4,477	4,550	4,553	4,457	4,578	4,476	4,530	4,586
1980	4,517	4,491	4,555	4,437	4,471	4,478	4,494	4,372	4,312	4,378	4,324	4,287
1981	4,355	4,370	4,341	4,340	4,280	4,093	4,130	4,168	4,176	4,185	4,178	4,073
1982	4,073	4,041	4,018	4,021	4,129	3,802	3,798	3,884	3,858	3,849	3,871	3,853
1983	3,820	3,815	3,799	3,780	3,759	3,801	3,765	3,776	3,771	3,668	3,708	3,723
<b>Civilian labor force, white women, 18 to 19 years</b>												
1979	4,061	4,075	4,091	4,004	3,959	3,999	3,979	3,903	3,973	4,031	4,026	4,038
1980	4,010	3,927	3,892	3,823	3,903	3,876	3,925	3,817	3,883	3,894	3,860	3,855
1981	3,825	3,870	3,832	3,853	3,821	3,870	3,715	3,753	3,707	3,836	3,838	3,548
1982	3,595	3,631	3,577	3,889	3,634	3,552	3,591	3,555	3,588	3,588	3,566	3,481
1983	3,524	3,456	3,482	3,417	3,347	3,485	3,428	3,488	3,387	3,331	3,341	3,382

HOUSEHOLD DATA  
SEASONALLY ADJUSTED

1. Labor force by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force, white workers, 20 years and over												
1979	82,613	83,016	82,928	82,709	82,800	83,031	83,378	83,628	83,844	83,996	84,080	84,494
1980	84,827	85,122	84,851	85,176	85,243	85,169	85,266	85,413	85,474	85,665	85,804	85,795
1981	86,279	86,568	86,784	87,095	87,473	87,061	87,175	87,116	86,793	87,475	87,556	87,641
1982	87,681	87,978	88,209	88,400	88,714	88,789	88,966	88,812	89,009	88,954	89,121	89,279
1983	88,943	88,967	88,984	89,273	89,366	89,949	90,062	90,234	90,349	90,340	90,510	90,619
Civilian labor force, white men, 20 years and over												
1979	49,149	49,352	49,148	49,112	49,046	49,226	49,341	49,376	49,446	49,492	49,540	49,649
1980	49,838	50,086	49,867	49,983	50,109	50,020	50,089	50,128	50,148	50,205	50,264	50,250
1981	50,368	50,509	50,583	50,755	50,823	50,619	50,681	50,671	50,612	50,721	50,770	50,924
1982	50,860	51,007	51,043	51,151	51,243	51,250	51,278	51,225	51,442	51,437	51,435	51,430
1983	51,138	51,271	51,320	51,480	51,561	51,820	51,901	51,878	51,881	51,902	52,021	52,083
Civilian labor force, white women, 20 years and over												
1979	33,464	33,664	33,780	33,597	33,754	33,805	34,037	34,252	34,398	34,504	34,540	34,845
1980	34,991	35,036	34,984	35,193	35,134	35,149	35,177	35,285	35,326	35,460	35,540	35,545
1981	35,913	36,059	36,201	36,340	36,650	36,442	36,494	36,445	36,181	36,754	36,786	36,717
1982	36,801	36,971	37,166	37,249	37,471	37,539	37,688	37,587	37,567	37,517	37,686	37,849
1983	37,605	37,696	37,664	37,793	37,805	38,129	38,161	38,356	38,488	38,438	38,489	38,556
Civilian labor force, black workers												
1979	10,520	10,817	10,658	10,630	10,583	10,665	10,717	10,688	10,712	10,817	10,727	10,762
1980	10,794	10,760	10,708	10,790	10,858	10,810	10,972	10,914	10,890	10,974	10,990	10,964
1981	11,003	10,950	11,082	11,180	11,103	11,011	10,959	11,031	11,087	11,215	11,226	11,217
1982	11,194	11,224	11,247	11,224	11,299	11,218	11,321	11,375	11,421	11,445	11,501	11,547
1983	11,544	11,561	11,573	11,651	11,645	11,718	11,741	11,724	11,720	11,565	11,823	11,650
Civilian labor force, black men												
1979	5,487	5,537	5,546	5,511	5,530	5,563	5,582	5,603	5,604	5,619	5,553	5,559
1980	5,591	5,567	5,530	5,583	5,594	5,597	5,672	5,635	5,657	5,662	5,664	5,630
1981	5,674	5,631	5,664	5,716	5,758	5,823	5,615	5,675	5,693	5,721	5,714	5,753
1982	5,729	5,767	5,774	5,778	5,786	5,726	5,779	5,792	5,839	5,864	5,924	5,929
1983	5,908	5,859	5,892	5,960	5,944	6,033	6,050	6,023	5,986	5,922	5,993	5,977
Civilian labor force, black women												
1979	5,033	5,080	5,112	5,119	5,053	5,102	5,135	5,085	5,108	5,198	5,174	5,203
1980	5,203	5,193	5,178	5,207	5,264	5,213	5,300	5,279	5,233	5,312	5,326	5,334
1981	5,329	5,319	5,398	5,464	5,345	5,388	5,344	5,356	5,394	5,494	5,512	5,464
1982	5,465	5,457	5,473	5,446	5,513	5,492	5,542	5,583	5,582	5,581	5,577	5,618
1983	5,838	5,702	5,681	5,691	5,701	5,685	5,691	5,701	5,734	5,643	5,630	5,673
Civilian labor force, black workers, 16 to 19 years												
1979	921	966	935	978	910	901	891	894	871	904	882	891
1980	900	904	879	862	897	902	928	841	907	887	886	889
1981	944	873	882	942	885	828	811	807	816	869	846	834
1982	832	858	847	798	832	727	803	842	849	837	825	831
1983	805	780	782	833	810	869	825	834	809	787	785	782
Civilian labor force, black men, 16 to 19 years												
1979	487	515	513	499	495	476	462	496	458	466	452	440
1980	466	455	455	464	482	486	499	445	497	498	503	493
1981	523	479	454	511	485	436	441	449	431	432	443	454
1982	437	458	455	436	441	385	417	439	450	446	434	438
1983	433	417	426	430	438	471	451	445	433	421	425	412
Civilian labor force, black women, 16 to 19 years												
1979	434	451	422	479	415	425	429	398	413	438	430	451
1980	434	449	424	398	415	416	429	396	410	389	383	396
1981	421	394	428	431	400	392	370	358	385	437	403	380
1982	395	400	392	362	391	342	386	403	399	391	391	393
1983	372	363	356	403	372	398	374	389	376	366	360	370



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**1. Labor force by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Civilian labor force, black workers, 20 years and over</b>												
1979	9,599	9,651	9,723	9,652	9,673	9,764	9,828	9,794	9,841	9,913	9,845	9,871
1980	9,894	9,856	9,829	9,928	9,961	9,908	10,044	10,073	9,983	10,087	10,104	10,075
1981	10,059	10,077	10,180	10,238	10,218	10,183	10,148	10,224	10,271	10,346	10,380	10,383
1982	10,362	10,366	10,400	10,426	10,467	10,491	10,518	10,533	10,572	10,608	10,676	10,716
1983	10,739	10,781	10,791	10,818	10,835	10,849	10,916	10,890	10,911	10,778	10,838	10,868
<b>Civilian labor force, black men, 20 years and over</b>												
1979	5,000	5,022	5,033	5,012	5,035	5,087	5,120	5,107	5,146	5,153	5,101	5,119
1980	5,125	5,112	5,075	5,119	5,112	5,111	5,173	5,190	5,160	5,164	5,161	5,137
1981	5,151	5,152	5,210	5,205	5,273	5,187	5,174	5,226	5,262	5,289	5,271	5,299
1982	5,292	5,309	5,319	5,342	5,345	5,341	5,362	5,353	5,389	5,418	5,490	5,491
1983	5,475	5,442	5,466	5,530	5,508	5,562	5,599	5,578	5,553	5,501	5,568	5,565
<b>Civilian labor force, black women, 20 years and over</b>												
1979	4,599	4,629	4,690	4,640	4,638	4,877	4,706	4,687	4,695	4,760	4,744	4,752
1980	4,769	4,744	4,754	4,809	4,849	4,797	4,871	4,883	4,823	4,923	4,943	4,938
1981	4,908	4,925	4,970	5,033	4,945	4,996	4,974	4,998	5,009	5,057	5,109	5,084
1982	5,070	5,057	5,081	5,084	5,122	5,150	5,156	5,180	5,183	5,190	5,186	5,225
1983	5,264	5,339	5,325	5,288	5,329	5,287	5,317	5,312	5,358	5,277	5,270	5,303
<b>Civilian labor force, Hispanic-origin workers</b>												
1979	5,098	5,172	5,177	5,258	5,196	5,200	5,206	5,227	5,204	5,260	5,244	5,426
1980	5,528	5,502	5,570	5,576	5,652	5,684	5,780	5,788	5,773	5,795	5,922	5,885
1981	5,984	6,017	5,792	5,886	5,949	5,906	5,906	5,904	5,956	6,076	6,192	6,104
1982	6,052	6,064	6,020	5,929	5,981	5,928	5,959	6,057	5,955	6,004	5,961	5,938
1983	5,966	6,001	6,070	6,161	6,139	6,202	6,090	6,145	6,202	6,165	6,232	6,267
<b>Civilian labor force, married men, spouse present</b>												
1979	40,879	41,099	40,875	40,730	40,666	40,791	40,979	41,035	40,995	40,916	40,727	40,780
1980	40,911	41,046	40,845	40,795	40,658	40,769	40,703	40,555	40,535	40,808	40,857	40,710
1981	40,755	40,755	40,826	40,862	40,759	40,581	40,510	40,471	40,501	40,566	40,586	40,602
1982	40,506	40,588	40,585	40,713	40,819	40,904	40,896	40,803	40,871	40,870	40,672	40,534
1983	40,418	40,419	40,429	40,479	40,435	40,618	40,794	40,842	40,697	40,570	40,612	40,606
<b>Civilian labor force, married women, spouse present</b>												
1979	24,072	24,189	24,277	24,054	24,080	24,241	24,410	24,499	24,578	24,687	24,618	24,846
1980	24,872	25,001	24,946	24,973	24,997	25,011	24,962	25,026	24,903	24,978	25,023	25,085
1981	25,388	25,376	25,469	25,496	25,621	25,550	25,550	25,368	25,080	25,451	25,465	25,359
1982	25,388	25,623	25,787	25,857	26,078	26,221	26,075	26,094	26,060	26,129	26,133	26,247
1983	26,240	26,127	26,195	26,294	26,256	26,438	26,472	26,758	26,726	26,641	26,664	26,776
<b>Civilian labor force, women who maintain families</b>												
1979	4,952	5,026	5,012	5,014	5,063	5,100	5,129	5,117	5,123	5,138	5,190	5,236
1980	5,286	5,157	5,207	5,228	5,179	5,207	5,207	5,303	5,284	5,343	5,345	5,384
1981	5,427	5,443	5,494	5,626	5,614	5,601	5,562	5,544	5,615	5,639	5,682	5,673
1982	5,677	5,727	5,706	5,770	5,700	5,824	5,917	5,893	5,828	5,749	5,745	5,753
1983	5,796	5,776	5,877	5,713	5,716	5,747	5,747	5,779	5,821	5,840	5,849	5,899
<b>Civilian labor force, full-time workers</b>												
1979	88,656	89,071	89,145	89,138	88,907	89,487	89,585	89,691	89,887	90,186	90,287	90,474
1980	90,552	90,829	90,565	91,032	91,339	91,248	91,402	91,524	91,753	91,819	91,920	91,961
1981	92,420	92,443	92,815	92,922	93,263	92,520	93,002	92,824	92,705	93,279	93,430	93,629
1982	93,147	93,749	93,995	94,029	94,574	93,982	94,397	94,453	94,605	94,872	94,996	95,116
1983	94,978	94,963	95,064	95,385	95,397	96,078	95,787	96,031	96,259	96,045	96,189	96,190
<b>Civilian labor force, full-time workers, 16 to 19 years</b>												
1979	5,257	5,210	5,240	5,244	5,109	5,301	5,293	5,146	5,205	5,186	5,223	5,263
1980	5,128	5,095	5,062	4,935	5,159	4,986	5,018	4,870	5,031	4,925	4,919	4,899
1981	4,897	4,874	4,821	4,847	4,833	4,500	4,710	4,685	4,751	4,648	4,685	4,588
1982	4,562	4,581	4,568	4,526	4,630	3,910	4,296	4,336	4,335	4,515	4,372	4,396
1983	4,372	4,324	4,288	4,238	4,267	4,409	4,076	4,240	4,198	4,201	4,193	4,154

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**1. Labor force by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force, full-time workers, men, 20 years and over												
1979 .....	52,564	52,789	52,742	52,691	52,609	52,837	52,868	52,821	52,974	53,043	53,020	53,110
1980 .....	53,255	53,377	53,210	53,454	53,544	53,550	53,713	53,726	53,858	53,836	53,853	53,894
1981 .....	53,989	53,992	54,169	54,407	54,522	54,261	54,313	54,321	54,238	54,400	54,444	54,644
1982 .....	54,384	54,700	54,795	54,838	54,969	55,054	54,995	54,957	55,211	55,301	55,329	55,284
1983 .....	55,003	55,094	55,121	55,440	55,554	55,788	55,903	55,834	55,859	55,792	55,889	55,925
Civilian labor force, full-time workers, women, 20 years and over												
1979 .....	30,835	31,072	31,163	31,201	31,189	31,349	31,424	31,724	31,708	31,957	32,044	32,101
1980 .....	32,169	32,357	32,293	32,643	32,636	32,712	32,671	32,928	32,864	33,058	33,148	33,168
1981 .....	33,534	33,577	33,605	33,668	33,908	33,759	33,979	33,838	33,716	34,231	34,301	34,397
1982 .....	34,201	34,468	34,632	34,665	34,975	35,018	35,106	35,160	35,059	35,056	35,285	35,436
1983 .....	35,603	35,545	35,655	35,707	35,576	35,881	35,808	35,957	36,202	36,052	36,107	36,111
Civilian labor force, part-time workers												
1979 .....	15,401	15,379	15,338	15,071	15,224	15,212	15,565	15,494	15,524	15,494	15,470	15,829
1980 .....	15,995	15,792	15,782	15,587	15,566	15,659	15,987	15,582	15,301	15,585	15,580	15,395
1981 .....	15,575	15,735	15,919	18,029	15,928	15,934	15,693	15,859	15,509	15,711	15,728	15,362
1982 .....	15,898	15,671	15,680	15,895	15,966	16,173	16,121	16,004	16,073	15,861	15,910	15,819
1983 .....	15,647	15,635	15,700	15,606	15,570	15,767	16,208	16,057	15,951	15,840	15,871	16,014
Civilian labor force, part-time workers, 16 to 19 years												
1979 .....	4,475	4,511	4,466	4,385	4,432	4,349	4,401	4,338	4,398	4,393	4,374	4,414
1980 .....	4,446	4,382	4,390	4,310	4,323	4,490	4,664	4,406	4,243	4,403	4,316	4,247
1981 .....	4,369	4,347	4,365	4,411	4,344	4,289	4,193	4,265	4,071	4,214	4,157	4,027
1982 .....	4,090	4,105	4,036	4,115	4,177	4,396	4,085	4,139	4,128	4,000	4,102	3,980
1983 .....	3,945	3,851	3,933	3,924	3,854	3,898	4,191	4,023	3,947	3,831	3,855	3,927
Civilian labor force, part-time workers, men, 20 years and over												
1979 .....	2,762	2,705	2,668	2,688	2,697	2,746	2,828	2,860	2,789	2,867	2,849	2,899
1980 .....	2,916	2,973	3,000	2,912	2,935	2,908	2,847	2,843	2,720	2,856	2,888	2,809
1981 .....	2,839	2,915	2,960	2,876	2,885	2,860	2,858	2,882	2,889	2,899	2,896	2,862
1982 .....	3,052	2,903	2,942	3,041	3,057	2,979	3,095	3,063	3,083	3,035	3,032	3,062
1983 .....	3,059	3,091	3,155	3,080	2,966	3,114	3,099	3,120	3,142	3,146	3,166	3,161
Civilian labor force, part-time workers, women, 20 years and over												
1979 .....	8,164	8,163	8,204	7,988	8,095	8,117	8,336	8,296	8,337	8,234	8,247	8,516
1980 .....	8,633	8,437	8,392	8,365	8,308	8,261	8,476	8,343	8,338	8,326	8,376	8,339
1981 .....	8,367	8,473	8,594	8,742	8,699	8,785	8,642	8,712	8,549	8,598	8,673	8,473
1982 .....	8,756	8,663	8,702	8,739	8,732	8,798	8,931	8,802	8,862	8,826	8,776	8,757
1983 .....	8,643	8,693	8,611	8,602	8,750	8,755	8,918	8,914	8,862	8,863	8,850	8,926

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**2. Labor force participation rates by sex, age, race, and Hispanic origin**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Labor force participation rate, including resident Armed Forces, total</b>												
1979	64.0	64.2	64.1	63.6	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.2
1980	64.3	64.3	64.1	64.1	64.2	64.1	64.2	64.0	64.0	64.1	64.1	63.9
1981	64.2	64.3	64.4	64.6	64.6	64.1	64.1	64.1	63.8	64.1	64.2	64.0
1982	64.0	64.2	64.2	64.3	64.6	64.3	64.4	64.4	64.4	64.4	64.4	64.4
1983	64.2	64.1	64.1	64.2	64.1	64.6	64.5	64.6	64.6	64.3	64.4	64.4
<b>Labor force participation rate, including resident Armed Forces, men</b>												
1979	78.7	78.7	78.4	78.2	78.0	78.2	78.3	78.1	78.3	78.0	78.0	78.0
1980	78.1	78.3	78.0	77.9	78.1	77.9	77.9	77.7	77.7	77.7	77.7	77.4
1981	77.7	77.7	77.8	77.9	77.9	77.1	77.2	77.3	77.1	77.1	77.1	77.0
1982	77.0	77.1	77.1	77.2	77.5	76.9	76.9	76.9	77.2	77.1	77.1	76.9
1983	76.5	76.5	76.5	76.7	76.7	77.1	77.1	77.0	77.0	76.7	76.8	76.7
<b>Labor force participation rate, including resident Armed Forces, women</b>												
1979	50.8	50.9	51.0	50.6	50.6	50.8	50.9	51.0	51.2	51.3	51.4	51.6
1980	51.7	51.8	51.4	51.5	51.6	51.5	51.6	51.5	51.5	51.6	51.7	51.6
1981	51.9	52.1	52.2	52.4	52.5	52.2	52.2	52.1	51.7	52.3	52.4	52.0
1982	52.1	52.4	52.5	52.5	52.9	52.8	53.0	52.9	52.8	52.7	52.9	52.9
1983	52.9	52.8	52.8	52.8	52.6	53.2	53.0	53.3	53.3	53.0	53.0	53.1
<b>Civilian labor force participation rate, all civilian workers</b>												
1979	63.6	63.8	63.8	63.5	63.3	63.5	63.6	63.6	63.8	63.7	63.7	63.9
1980	64.0	64.0	63.8	63.8	63.9	63.7	63.8	63.7	63.6	63.7	63.8	63.6
1981	63.9	64.0	64.1	64.2	64.3	63.8	63.8	63.8	63.5	63.8	63.8	63.6
1982	63.7	63.9	63.9	64.0	64.3	64.0	64.1	64.0	64.1	64.0	64.1	64.0
1983	63.8	63.8	63.8	63.9	63.8	64.3	64.2	64.3	64.3	64.0	64.0	64.0
<b>Civilian labor force participation rate, men</b>												
1979	78.2	78.3	78.0	77.8	77.6	77.8	77.9	77.7	77.9	77.6	77.5	77.6
1980	77.7	77.9	77.6	77.5	77.6	77.5	77.5	77.3	77.3	77.3	77.2	77.0
1981	77.3	77.2	77.3	77.5	77.5	76.7	76.8	76.8	76.6	76.7	76.7	76.6
1982	76.8	76.7	76.7	76.7	77.0	76.4	76.5	76.5	76.7	76.7	76.7	76.5
1983	76.1	76.1	76.1	76.3	76.2	76.7	76.7	76.6	76.6	76.3	76.4	76.3
<b>Civilian labor force participation rate, women</b>												
1979	50.5	50.8	51.0	50.6	50.8	50.7	50.9	51.0	51.1	51.3	51.3	51.5
1980	51.6	51.5	51.3	51.4	51.5	51.4	51.5	51.5	51.4	51.6	51.6	51.5
1981	51.8	52.0	52.2	52.3	52.5	52.2	52.1	52.1	51.6	52.2	52.3	51.9
1982	52.1	52.3	52.4	52.5	52.8	52.7	52.9	52.9	52.7	52.6	52.8	52.8
1983	52.8	52.7	52.7	52.7	52.6	53.1	52.9	53.2	53.2	52.9	52.9	53.0
<b>Civilian labor force participation rate, both sexes, 16 to 19 years</b>												
1979	58.5	58.6	58.4	57.9	57.3	58.0	57.7	56.8	57.8	57.5	57.7	58.3
1980	57.7	57.2	57.2	55.9	57.1	57.0	57.4	55.8	56.3	56.6	58.3	55.9
1981	56.7	56.7	56.5	57.1	56.4	54.0	54.6	55.1	54.8	54.9	55.1	53.7
1982	54.2	54.8	54.2	54.5	55.5	52.4	53.2	53.9	54.1	54.2	54.5	53.7
1983	53.5	53.1	53.2	53.0	52.6	54.7	53.7	54.4	53.8	52.8	53.3	53.7
<b>Civilian labor force participation rate, men, 16 to 19 years</b>												
1979	62.4	62.1	62.0	61.5	61.0	61.9	61.6	61.0	62.0	60.5	60.9	61.8
1980	61.1	60.9	61.6	60.2	61.0	61.3	61.3	59.8	59.7	60.5	60.0	59.2
1981	60.8	60.5	60.2	60.9	59.9	57.0	57.6	58.4	58.1	58.5	58.9	57.7
1982	57.8	58.0	57.5	57.4	59.0	54.4	54.6	56.2	56.1	56.5	57.1	56.5
1983	56.0	55.7	55.6	55.3	55.6	57.4	56.7	56.6	56.8	55.8	56.3	56.4
<b>Civilian labor force participation rate, women, 16 to 19 years</b>												
1979	54.6	55.0	54.9	54.3	53.7	54.1	53.7	52.6	53.6	54.5	54.4	54.8
1980	54.3	53.5	52.9	51.8	53.3	52.6	53.4	52.1	53.0	52.7	52.5	52.5
1981	52.5	52.8	52.9	53.3	52.8	51.0	51.5	51.7	51.4	51.3	51.3	49.7
1982	50.7	51.7	50.9	51.8	52.0	50.4	51.8	51.5	52.0	51.9	51.9	50.9
1983	51.1	50.4	50.8	50.6	49.7	52.0	50.7	52.1	50.8	50.0	50.2	50.9

2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force participation rate, both sexes, 20 years and over												
1979	64.2	64.4	64.4	64.1	64.0	64.1	64.3	64.4	64.5	64.4	64.4	64.5
1980	64.7	64.7	64.5	64.6	64.6	64.5	64.5	64.6	64.4	64.5	64.6	64.4
1981	64.7	64.7	64.9	65.0	85.1	64.8	64.8	64.7	64.4	64.7	64.8	64.6
1982	64.6	64.8	64.9	64.9	85.1	85.1	65.1	85.1	85.1	85.0	85.0	85.0
1983	64.9	64.8	64.8	64.9	64.9	85.2	65.2	65.2	85.3	65.1	65.1	65.0
Civilian labor force participation rate, men, 20 years and over												
1979	80.1	80.3	79.9	79.8	79.5	79.7	79.8	79.7	79.8	79.7	79.5	79.5
1980	79.7	79.9	79.4	79.5	79.6	79.3	79.4	79.4	79.3	79.2	79.2	79.0
1981	79.2	79.1	79.3	79.4	79.4	78.9	78.9	78.9	78.7	78.7	78.6	78.7
1982	78.6	78.7	78.7	78.8	79.0	78.8	78.8	78.8	78.9	78.8	78.8	78.6
1983	78.2	78.2	78.2	78.4	78.4	78.7	78.7	78.8	78.6	78.4	78.4	78.3
Civilian labor force participation rate, women, 20 years and over												
1979	50.1	50.3	50.5	50.2	50.2	50.3	50.6	50.8	50.8	50.9	51.0	51.2
1980	51.3	51.3	51.2	51.4	51.3	51.3	51.3	51.4	51.2	51.4	51.5	51.4
1981	51.8	51.9	52.1	52.2	52.4	52.3	52.2	52.1	51.7	52.3	52.4	52.1
1982	52.2	52.4	52.6	52.6	52.9	53.0	53.0	53.0	52.8	52.7	52.9	53.0
1983	53.0	52.9	52.9	52.9	52.8	53.2	53.1	53.3	53.4	53.2	53.2	53.2
Civilian labor force participation rate, both sexes, 20 to 24 years												
1979	77.3	77.9	77.9	77.8	77.2	77.4	77.5	77.4	77.8	77.3	77.1	77.3
1980	77.4	77.3	76.9	77.2	77.9	78.9	77.1	77.1	77.0	77.6	77.3	77.0
1981	77.7	77.4	77.3	77.6	78.1	77.0	77.1	77.3	76.9	77.5	78.8	77.0
1982	76.8	77.0	77.3	77.3	77.5	77.2	76.9	77.1	76.9	77.1	77.5	77.5
1983	77.1	77.4	76.8	77.0	76.7	77.6	77.4	77.4	77.3	77.1	77.1	76.6
Civilian labor force participation rate, men, 20 to 24 years												
1979	86.5	86.9	86.3	86.9	85.8	86.4	86.4	86.2	87.1	86.7	86.0	88.2
1980	86.4	88.6	86.5	86.4	87.3	85.7	85.4	85.8	85.8	85.9	85.5	85.1
1981	85.8	85.6	86.0	85.9	86.7	84.9	85.0	85.5	85.5	85.2	84.7	85.2
1982	84.9	85.0	85.1	85.0	85.3	84.3	84.5	84.7	84.9	85.2	85.3	85.1
1983	84.6	84.5	83.6	84.5	84.5	86.0	85.4	85.4	84.8	84.5	84.7	84.2
Civilian labor force participation rate, women, 20 to 24 years												
1979	68.5	69.4	70.0	68.9	89.1	89.0	69.1	69.2	69.0	68.5	88.7	68.9
1980	68.9	68.4	57.9	68.5	66.9	88.6	69.3	69.1	68.7	69.8	69.6	89.3
1981	70.1	69.7	69.2	69.8	70.0	89.5	89.7	69.6	68.8	70.3	69.4	69.3
1982	69.1	69.4	69.9	70.1	70.1	70.5	69.7	70.0	69.4	69.4	70.1	70.3
1983	70.0	70.6	70.2	89.9	69.3	89.6	89.9	69.8	70.1	70.0	69.9	69.3
Civilian labor force participation rate, both sexes, 25 years and over												
1979	62.1	62.3	62.2	61.9	61.9	62.0	62.2	62.3	62.4	62.4	62.3	62.5
1980	62.6	62.7	62.5	62.6	62.5	62.5	62.5	62.6	62.5	62.5	62.5	62.4
1981	62.6	62.6	63.0	63.0	63.1	62.9	62.8	62.7	62.4	62.8	62.8	62.7
1982	62.7	62.9	63.0	63.0	63.3	63.3	63.3	63.2	63.3	63.2	63.1	63.1
1983	63.0	63.0	63.0	63.0	63.1	63.3	63.3	63.4	63.5	63.3	63.2	63.3
Civilian labor force participation rate, men, 25 years and over												
1979	79.1	79.2	78.9	78.6	78.5	78.6	78.7	78.7	78.7	78.5	78.3	78.4
1980	78.6	78.7	78.3	78.4	78.4	78.3	78.4	78.4	78.3	78.2	78.1	78.0
1981	78.0	78.1	78.2	78.3	78.3	77.9	77.8	77.8	77.6	77.7	77.6	77.7
1982	77.6	77.7	77.7	77.8	76.0	76.0	77.8	77.7	78.0	77.8	77.7	77.6
1983	77.1	77.2	77.3	77.5	77.4	77.5	77.6	77.5	77.8	77.4	77.4	77.4
Civilian labor force participation rate, women, 25 years and over												
1979	47.2	47.4	47.6	47.3	47.3	47.5	47.7	47.9	48.0	48.3	48.2	48.5
1980	48.6	48.7	48.6	48.8	48.6	48.6	48.6	48.7	48.8	48.7	48.7	48.7
1981	49.0	49.3	49.5	49.5	49.8	49.6	49.6	49.5	49.1	49.6	49.6	49.6
1982	49.7	49.8	50.0	49.9	50.3	50.3	50.6	50.5	50.3	50.3	50.3	50.4
1983	50.5	50.4	50.3	50.3	50.4	50.8	50.7	51.0	51.0	50.8	50.7	50.9

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Civilian labor force participation rate, both sexes, 25 to 54 years</b>												
1979	77.5	77.7	77.7	77.4	77.4	77.6	77.9	78.1	78.2	78.2	78.1	78.4
1980	78.6	78.7	78.6	78.7	78.6	78.5	78.6	78.6	78.7	78.7	78.7	78.7
1981	79.0	79.0	79.3	79.4	79.6	79.3	79.2	79.2	79.0	79.3	79.5	79.4
1982	79.4	79.6	79.6	79.6	80.0	79.9	80.1	80.0	79.9	80.0	79.8	79.9
1983	78.7	79.6	78.8	79.9	80.0	80.3	80.3	80.5	80.5	80.2	80.1	80.2
<b>Civilian labor force participation rate, men, 25 to 54 years</b>												
1979	94.6	94.7	94.7	94.3	94.2	94.3	94.5	94.3	94.3	94.2	94.1	94.3
1980	94.5	94.4	94.2	94.2	94.3	94.2	94.4	94.2	94.4	94.2	94.2	94.0
1981	94.2	94.0	94.3	94.4	94.5	94.1	93.9	94.0	94.0	94.0	94.1	93.8
1982	93.9	94.0	94.0	94.0	94.3	94.2	94.1	94.1	94.3	94.2	94.0	93.7
1983	93.4	93.5	93.6	93.8	93.9	94.0	94.0	94.0	94.1	93.7	93.7	93.7
<b>Civilian labor force participation rate, women, 25 to 54 years</b>												
1979	61.4	61.6	61.7	61.6	61.6	61.8	62.4	62.8	62.9	63.1	63.0	63.6
1980	63.7	63.8	63.9	64.1	63.9	63.8	63.8	64.0	63.9	64.1	64.2	64.3
1981	64.7	64.9	65.1	65.3	65.6	65.3	65.4	65.3	64.8	65.5	65.8	65.7
1982	65.7	66.0	66.0	66.0	66.5	66.4	66.8	66.7	66.3	66.5	66.4	66.8
1983	66.8	66.6	66.6	66.8	66.9	67.3	67.3	67.7	67.5	67.3	67.3	67.4
<b>Civilian labor force participation rate, both sexes, 25 to 34 years</b>												
1979	79.0	79.1	78.9	78.8	79.1	79.1	79.4	79.4	79.5	79.4	79.4	79.6
1980	80.2	80.2	80.0	80.3	80.1	79.7	79.9	79.9	79.9	79.9	79.9	79.8
1981	80.1	80.0	80.5	80.5	80.8	80.5	80.5	80.5	80.3	80.7	80.7	80.4
1982	80.7	80.9	80.8	80.9	81.0	81.1	81.2	81.4	81.2	81.2	81.0	81.3
1983	81.0	80.8	80.8	81.1	81.4	81.6	81.4	81.6	81.6	81.3	81.4	81.3
<b>Civilian labor force participation rate, men, 25 to 34 years</b>												
1979	95.5	95.7	95.4	95.3	95.4	95.3	95.4	95.1	95.2	95.2	95.1	95.2
1980	95.7	95.6	95.2	95.3	95.3	95.2	95.3	95.1	95.5	95.1	95.0	94.7
1981	94.9	94.8	95.2	95.1	95.3	94.9	94.7	94.8	94.7	94.8	94.7	94.3
1982	94.6	94.8	94.7	95.0	95.0	94.9	94.9	94.9	95.0	94.8	94.5	94.4
1983	93.8	93.9	94.0	94.2	94.3	94.5	94.2	94.3	94.3	94.0	94.2	94.1
<b>Civilian labor force participation rate, women, 25 to 34 years</b>												
1979	63.3	63.3	63.1	63.1	63.5	63.8	64.1	64.5	64.5	64.5	64.5	64.8
1980	65.5	65.5	65.5	66.0	65.5	65.1	65.2	65.4	65.1	65.5	65.8	65.8
1981	65.9	66.0	66.5	66.6	67.1	66.8	66.9	66.8	66.5	67.2	67.5	67.1
1982	67.4	67.6	67.6	67.4	67.7	67.9	68.1	68.5	68.1	68.3	68.1	68.8
1983	68.6	68.3	68.2	68.6	68.1	69.4	69.2	69.4	69.4	69.0	69.2	69.1
<b>Civilian labor force participation rate, both sexes, 35 to 44 years</b>												
1979	78.4	78.7	79.0	78.8	78.8	78.9	79.1	79.4	79.6	79.8	79.5	80.0
1980	79.6	79.8	80.0	80.0	80.1	80.0	80.0	80.0	79.9	80.1	80.2	80.2
1981	80.3	80.4	80.5	80.7	80.7	80.5	80.6	80.7	80.6	80.6	81.0	81.0
1982	81.0	81.2	80.9	81.0	81.4	81.4	81.4	81.6	81.2	81.4	81.2	81.4
1983	81.4	81.3	81.5	81.5	81.3	81.6	81.8	81.8	81.9	81.7	81.6	81.8
<b>Civilian labor force participation rate, men, 35 to 44 years</b>												
1979	98.0	98.0	96.1	95.6	95.4	95.6	95.8	95.6	95.7	95.6	95.6	95.7
1980	95.8	95.4	95.4	95.3	95.5	95.3	95.7	95.4	95.6	95.6	95.5	95.5
1981	95.8	95.3	95.8	95.7	95.6	95.2	94.9	95.1	95.3	95.1	95.1	95.3
1982	95.2	95.3	95.3	95.2	95.7	95.6	95.4	95.5	95.5	95.5	95.2	94.8
1983	94.6	94.8	95.1	95.2	95.3	95.5	95.5	95.4	95.6	95.2	95.2	95.2
<b>Civilian labor force participation rate, women, 35 to 44 years</b>												
1979	61.9	62.4	63.0	63.0	63.2	63.3	63.4	64.2	64.5	65.0	64.3	65.2
1980	65.0	65.2	65.5	65.5	65.6	65.7	65.3	65.4	65.2	65.5	65.8	65.9
1981	66.0	66.3	66.3	66.6	66.7	66.7	67.1	67.1	66.7	67.3	67.7	67.5
1982	67.6	67.9	67.4	67.5	67.8	68.0	68.2	68.4	67.8	68.1	68.1	68.6
1983	66.8	68.6	68.6	68.5	68.0	68.6	68.7	69.0	69.0	68.9	68.8	69.1

2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force participation rate, both sexes, 45 to 54 years												
1979	74.3	74.4	74.5	73.9	73.4	73.6	74.4	74.5	74.5	74.4	74.4	74.9
1980	74.8	74.9	74.8	74.8	74.7	74.9	74.9	75.1	75.3	75.1	75.1	75.2
1981	75.7	75.8	75.9	76.1	76.3	75.8	75.6	75.4	74.8	75.4	75.7	75.6
1982	75.1	75.5	75.8	75.7	76.5	76.0	76.5	75.8	76.0	76.0	76.0	75.6
1983	75.4	75.4	75.7	75.9	75.9	76.1	76.3	76.7	76.6	76.2	75.8	76.0
Civilian labor force participation rate, men, 45 to 54 years												
1979	91.7	91.9	92.0	91.4	91.0	91.5	91.6	91.6	91.4	91.2	90.9	91.1
1980	91.3	91.3	91.3	91.3	91.1	91.3	91.2	91.3	91.3	91.0	91.3	91.0
1981	91.3	91.2	91.4	91.6	91.7	91.5	91.5	91.4	91.1	91.2	91.7	91.1
1982	91.0	91.1	91.1	90.9	91.4	91.3	91.3	91.0	91.7	91.5	91.6	91.2
1983	90.8	91.0	91.0	91.3	91.1	91.2	91.5	91.5	91.6	91.1	90.8	90.9
Civilian labor force participation rate, women, 45 to 54 years												
1979	58.2	58.2	58.3	57.8	57.1	57.1	58.6	58.6	58.8	58.8	59.1	59.9
1980	59.6	59.7	59.4	59.5	59.4	59.6	59.7	60.1	60.4	60.3	60.1	60.5
1981	61.2	61.6	61.5	61.6	62.0	61.1	60.8	60.6	59.7	60.7	60.9	61.1
1982	60.3	61.1	61.6	61.6	62.6	61.7	62.8	61.6	61.5	61.5	61.5	61.2
1983	61.2	60.9	61.4	61.5	61.6	62.1	62.1	63.0	62.5	62.3	61.9	62.2
Civilian labor force participation rate, both sexes, 55 years and over												
1979	33.9	33.8	33.7	33.3	33.4	33.3	33.2	33.3	33.3	33.4	33.2	33.1
1980	33.3	33.3	32.9	32.9	32.9	32.8	32.8	33.0	32.6	32.5	32.4	32.2
1981	32.3	32.5	32.6	32.6	32.6	32.4	32.2	32.1	31.8	31.9	31.7	31.8
1982	31.8	31.6	31.9	32.0	32.1	32.1	32.0	31.9	32.3	31.8	31.8	31.7
1983	31.6	31.5	31.4	31.3	31.2	31.3	31.3	31.3	31.6	31.4	31.4	31.3
Civilian labor force participation rate, men, 55 years and over												
1979	47.6	47.2	46.8	46.4	46.4	46.4	46.5	46.6	46.7	46.3	46.2	45.9
1980	46.2	46.5	45.9	45.8	45.8	45.7	45.6	45.8	45.3	45.2	45.1	45.0
1981	45.0	45.1	45.1	45.1	45.0	44.5	44.5	44.2	43.9	43.9	43.6	44.0
1982	43.9	43.6	43.9	44.1	44.1	44.2	43.7	43.5	44.2	43.6	43.7	43.5
1983	43.2	43.1	43.0	43.0	42.7	43.0	43.0	42.9	43.1	43.0	43.2	42.7
Civilian labor force participation rate, women, 55 years and over												
1979	23.3	23.4	23.5	23.2	23.2	23.1	22.9	23.1	22.9	23.4	23.2	23.2
1980	23.3	23.1	22.8	23.0	22.9	22.8	22.8	23.0	22.8	22.7	22.6	22.3
1981	22.5	22.7	23.0	22.9	23.0	23.0	22.8	22.8	22.5	22.7	22.6	22.4
1982	22.5	22.3	22.6	22.7	23.0	22.9	23.0	22.9	23.1	22.6	22.7	22.6
1983	22.6	22.5	22.4	22.2	22.4	22.4	22.3	22.3	22.7	22.6	22.3	22.5
Civilian labor force participation rate, both sexes, 55 to 64 years												
1979	56.9	56.7	56.5	55.9	56.1	55.9	56.1	56.1	56.2	56.5	56.1	56.0
1980	56.1	56.2	55.7	56.0	55.9	55.8	55.8	55.9	55.5	55.4	55.2	55.0
1981	55.2	55.3	55.6	55.4	55.6	55.2	55.1	54.8	54.5	54.6	54.4	54.4
1982	54.7	54.2	54.9	55.1	55.1	55.3	55.2	55.2	55.9	55.1	55.2	54.9
1983	54.7	54.5	54.2	54.2	54.3	54.6	54.5	54.3	54.5	54.6	54.7	54.9
Civilian labor force participation rate, men, 55 to 64 years												
1979	74.2	73.5	73.0	72.3	72.5	72.3	72.7	72.9	73.0	72.8	72.4	72.2
1980	72.5	72.7	72.3	72.4	72.3	72.4	72.4	72.3	71.9	71.8	71.4	71.5
1981	71.4	71.5	71.6	71.2	71.3	70.7	70.8	70.2	70.1	69.6	69.6	69.8
1982	70.0	69.5	70.0	70.4	70.3	70.5	70.1	70.2	71.3	70.6	70.3	70.0
1983	69.5	69.3	68.9	69.3	69.1	69.5	69.1	69.1	69.3	69.5	69.9	69.8
Civilian labor force participation rate, women, 55 to 64 years												
1979	41.8	41.9	42.1	41.5	41.8	41.6	41.5	41.4	41.6	42.2	41.8	41.8
1980	41.7	41.7	41.2	41.6	41.5	41.3	41.4	41.6	41.3	41.1	40.9	40.6
1981	41.1	41.2	41.6	41.6	41.9	41.6	41.4	41.4	40.9	41.4	41.1	41.0
1982	41.3	40.9	41.6	41.8	41.9	42.0	42.3	42.2	42.5	41.6	42.1	41.8
1983	41.7	41.5	41.4	41.0	41.3	41.6	41.6	41.4	41.5	41.6	41.4	41.8

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
† Civilian labor force participation rate, both sexes, 65 years and over												
1979 .....	13.3	13.4	13.3	13.2	13.0	13.1	12.8	13.0	12.9	12.8	12.9	12.8
1980 .....	13.1	13.0	12.6	12.5	12.6	12.4	12.4	12.7	12.4	12.3	12.4	12.2
1981 .....	12.2	12.3	12.4	12.5	12.4	12.4	12.2	12.2	12.0	12.2	12.0	12.1
1982 .....	11.9	11.9	12.0	12.0	12.3	12.2	12.0	11.7	12.0	11.7	11.8	11.8
1983 .....	11.8	11.8	11.9	11.7	11.6	11.5	11.7	11.7	12.2	11.9	11.7	11.5
Civilian labor force participation rate, men, 65 years and over												
1979 .....	20.3	20.4	20.1	20.1	19.9	20.1	19.9	19.9	20.1	19.5	19.7	19.4
1980 .....	19.6	19.9	19.2	19.1	19.0	18.9	18.7	19.2	18.6	18.5	18.6	18.5
1981 .....	18.5	18.6	18.6	19.0	18.6	18.4	18.2	18.2	17.9	18.4	17.7	18.3
1982 .....	17.9	18.0	18.1	18.0	18.2	18.3	17.7	17.2	17.7	17.3	17.6	17.5
1983 .....	17.5	17.4	17.8	17.5	17.1	17.2	17.7	17.5	17.8	17.3	17.4	16.7
Civilian labor force participation rate, women, 65 years and over												
1979 .....	8.3	8.5	8.5	8.4	8.3	8.3	8.0	8.3	8.0	8.2	8.2	8.3
1980 .....	8.5	8.2	8.1	8.0	8.1	8.0	8.0	8.2	8.0	8.0	8.0	7.8
1981 .....	7.8	8.0	8.2	8.1	8.0	8.2	8.1	8.0	7.9	7.9	8.0	7.8
1982 .....	7.7	7.7	7.7	7.8	8.2	8.0	8.0	8.0	8.1	7.9	7.8	7.8
1983 .....	7.8	7.8	7.8	7.7	7.8	7.6	7.6	7.7	8.3	8.1	7.8	7.9
Civilian labor force participation rate, white workers												
1979 .....	63.9	64.1	64.0	63.7	63.6	63.7	63.8	63.8	64.0	63.9	63.9	64.2
1980 .....	64.3	64.4	64.1	64.1	64.2	64.0	64.1	63.9	63.9	64.0	64.0	63.9
1981 .....	64.3	64.4	64.4	64.6	64.7	64.2	64.2	64.2	63.8	64.1	64.2	64.0
1982 .....	64.0	64.3	64.2	64.4	64.6	64.3	64.4	64.4	64.5	64.3	64.4	64.4
1983 .....	64.1	64.1	64.0	64.1	64.0	64.5	64.4	64.6	64.6	64.4	64.5	64.5
Civilian labor force participation rate, white men												
1979 .....	79.1	79.2	78.8	78.6	78.3	78.5	78.6	78.3	78.5	78.2	78.3	78.5
1980 .....	78.6	78.9	78.5	78.4	78.5	78.3	78.3	78.1	77.9	78.0	78.0	77.8
1981 .....	78.2	78.3	78.3	78.4	78.3	77.7	77.7	77.6	77.5	77.5	77.6	77.6
1982 .....	77.4	77.6	77.5	77.6	77.9	77.3	77.3	77.3	77.6	77.5	77.5	77.3
1983 .....	76.8	76.9	76.8	76.9	76.9	77.3	77.3	77.3	77.3	77.1	77.3	77.2
Civilian labor force participation rate, white women												
1979 .....	50.2	50.4	50.5	50.1	50.2	50.2	50.4	50.6	50.8	50.9	50.8	51.2
1980 .....	51.3	51.2	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2
1981 .....	51.6	51.8	51.9	52.0	52.3	51.8	51.9	51.9	51.4	52.0	52.0	51.7
1982 .....	51.9	52.1	52.2	52.4	52.6	52.5	52.7	52.6	52.5	52.4	52.5	52.6
1983 .....	52.6	52.4	52.3	52.4	52.2	52.8	52.7	53.0	53.0	52.8	52.8	52.9
Civilian labor force participation rate, white workers, 16 to 19 years												
1979 .....	61.8	61.5	61.7	60.9	60.3	61.1	61.0	59.8	61.2	60.8	61.2	61.9
1980 .....	61.2	60.4	60.7	59.4	60.3	60.2	60.7	59.2	59.3	60.0	59.5	59.2
1981 .....	59.8	60.4	59.9	60.2	59.7	57.3	58.1	58.8	58.6	58.3	58.5	57.2
1982 .....	57.8	58.1	57.5	58.4	59.2	56.1	56.5	57.2	57.4	57.4	57.6	56.9
1983 .....	57.1	56.7	57.0	56.3	56.0	57.6	57.2	57.9	57.3	56.2	56.7	57.2
Civilian labor force participation rate, white men, 16 to 19 years												
1979 .....	65.8	64.8	65.1	64.6	64.0	65.0	65.0	63.6	65.3	63.7	64.5	65.7
1980 .....	64.7	64.5	65.4	63.8	64.3	64.4	64.7	63.0	62.2	63.3	62.6	62.0
1981 .....	63.7	64.1	63.8	63.8	63.1	60.4	61.1	61.8	61.9	62.2	62.4	60.9
1982 .....	61.2	60.9	60.6	60.6	62.7	57.9	58.0	59.5	59.3	59.3	60.0	59.5
1983 .....	59.1	59.2	59.1	58.6	58.9	59.9	59.7	59.9	60.0	58.6	59.6	59.8
Civilian labor force participation rate, white women, 16 to 19 years												
1979 .....	57.9	58.1	58.3	57.1	56.5	57.2	57.0	56.0	57.0	57.9	57.9	58.1
1980 .....	57.7	56.4	55.9	55.0	56.2	55.9	56.7	55.3	56.4	56.7	56.3	56.3
1981 .....	55.9	56.7	56.1	56.6	56.2	54.2	55.1	55.9	55.2	54.4	54.6	53.5
1982 .....	54.4	55.2	54.3	55.9	55.6	54.3	55.1	54.8	55.4	55.5	55.3	54.2
1983 .....	55.0	54.3	54.9	53.9	53.0	55.4	54.6	55.9	54.5	53.8	53.9	54.6

2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force participation rate, white workers, 20 years and over												
1979	64.2	64.4	64.2	64.0	63.9	64.0	64.1	64.2	64.3	64.2	64.2	64.5
1980	64.6	64.8	64.5	64.6	64.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4
1981	64.7	64.9	64.9	65.0	65.2	64.8	64.8	64.7	64.3	64.7	64.7	64.7
1982	64.7	64.9	64.9	65.0	65.2	65.1	65.2	65.1	65.1	65.0	65.1	65.1
1983	64.8	64.8	64.7	64.8	64.8	65.1	65.1	65.2	65.2	65.1	65.2	65.2
Civilian labor force participation rate, white men, 20 years and over												
1979	80.6	80.8	80.4	80.2	79.9	80.1	80.1	80.0	80.0	79.9	79.9	79.9
1980	80.2	80.5	80.0	80.1	80.1	79.8	79.8	79.7	79.6	79.6	79.6	79.6
1981	79.7	79.8	79.9	80.0	80.0	79.5	79.5	79.3	79.1	79.1	79.2	79.3
1982	79.1	79.3	79.2	79.3	79.4	79.3	79.2	79.1	79.4	79.3	79.2	79.1
1983	78.6	78.7	78.6	78.7	78.7	79.0	79.0	78.9	79.0	78.9	78.9	78.9
Civilian labor force participation rate, white women, 20 years and over												
1979	49.4	49.6	49.7	49.4	49.5	49.5	49.8	50.0	50.1	50.2	50.1	50.5
1980	50.7	50.7	50.5	50.8	50.6	50.6	50.5	50.6	50.6	50.7	50.8	50.7
1981	51.2	51.4	51.5	51.6	52.0	51.6	51.6	51.5	51.0	51.7	51.7	51.6
1982	51.6	51.8	52.0	52.0	52.3	52.4	52.5	52.4	52.3	52.1	52.3	52.5
1983	52.4	52.2	52.1	52.2	52.2	52.6	52.5	52.7	52.8	52.7	52.7	52.8
Civilian labor force participation rate, black workers												
1979	61.1	61.6	61.7	61.4	61.0	61.4	61.6	61.3	61.3	61.7	61.1	61.2
1980	61.2	60.9	60.5	60.8	61.1	60.7	61.5	61.0	60.8	61.2	61.1	60.9
1981	61.0	60.6	61.1	61.6	61.1	60.5	60.1	60.4	60.6	61.2	61.1	61.0
1982	60.8	60.8	60.9	60.6	60.9	60.4	60.9	61.1	61.2	61.2	61.4	61.6
1983	61.5	61.5	61.5	61.8	61.7	62.0	62.0	61.8	61.7	60.8	61.0	61.0
Civilian labor force participation rate, black men												
1979	71.4	71.9	71.9	71.3	71.4	71.7	71.9	72.1	72.0	71.9	70.9	70.9
1980	71.1	70.7	70.1	70.6	70.6	70.5	71.3	70.7	70.9	70.8	70.7	70.2
1981	70.6	69.9	70.2	70.8	71.1	69.3	69.1	69.7	69.8	70.0	69.8	70.2
1982	69.8	70.1	70.1	70.0	70.0	69.2	69.7	69.8	70.2	70.4	71.0	70.9
1983	70.6	69.9	70.2	70.9	70.5	71.5	71.5	71.1	70.6	69.7	70.4	70.1
Civilian labor force participation rate, black women												
1979	52.8	53.2	53.5	53.4	52.6	53.0	53.2	52.6	52.7	53.5	53.2	53.4
1980	53.2	53.0	52.8	53.0	53.5	52.8	53.6	53.2	52.7	53.4	53.4	53.4
1981	53.3	53.1	53.8	54.3	53.1	53.4	52.8	52.9	53.2	54.1	54.2	53.6
1982	53.5	53.4	53.4	53.1	53.6	53.4	53.8	54.1	54.0	53.9	53.7	54.1
1983	54.2	54.8	54.5	54.5	54.5	54.3	54.3	54.3	54.5	53.6	53.4	53.7
Civilian labor force participation rate, black workers, 16 to 19 years												
1979	40.4	42.5	40.9	42.8	39.9	39.6	39.3	39.4	38.4	39.7	38.7	39.2
1980	39.5	39.6	38.5	37.7	39.2	39.3	40.4	36.7	39.5	38.7	38.6	38.8
1981	41.1	38.1	38.4	41.1	38.6	36.1	35.4	35.3	35.7	38.1	37.2	36.7
1982	36.7	37.9	37.4	35.3	36.9	32.2	35.7	37.5	37.9	37.4	37.0	36.8
1983	35.7	34.7	34.9	37.2	36.3	39.0	37.1	37.6	36.6	35.6	35.6	35.6
Civilian labor force participation rate, black men, 16 to 19 years												
1979	44.2	46.8	46.3	44.9	44.6	43.2	42.2	45.5	42.0	42.3	41.0	40.2
1980	42.4	41.1	41.1	41.8	43.3	43.6	44.6	40.1	44.8	45.0	45.3	44.4
1981	47.1	43.2	40.8	46.0	43.7	39.1	39.6	40.4	38.8	39.0	40.1	41.2
1982	39.7	41.7	41.3	39.6	40.2	35.0	38.0	40.1	41.1	40.8	39.9	39.6
1983	39.3	38.0	38.9	39.3	40.1	43.2	41.5	41.1	40.1	39.0	39.5	38.4
Civilian labor force participation rate, black women, 16 to 19 years												
1979	37.0	38.4	35.9	40.8	35.5	36.2	36.5	33.8	35.1	37.2	36.6	38.2
1980	36.8	38.1	36.1	33.9	35.4	35.3	36.4	33.5	34.6	32.8	32.3	33.5
1981	35.5	33.2	36.2	36.5	33.9	33.2	31.4	30.4	32.8	37.3	34.5	32.6
1982	33.9	34.4	33.8	31.2	33.8	29.6	33.5	35.0	34.8	34.1	34.2	34.1
1983	32.3	31.6	31.0	35.2	32.6	34.9	32.9	34.3	33.2	32.4	32.0	33.0



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**2. Labor force participation rates by sex, age, race, and Hispanic origin—Continued**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian labor force participation rate, black workers, 20 years and over												
1979 .....	64.3	64.5	64.9	64.2	64.2	64.6	64.9	64.6	64.7	65.0	64.4	64.4
1980 .....	64.4	64.1	63.8	64.3	64.3	63.9	64.6	64.6	63.9	64.4	64.4	64.1
1981 .....	63.9	63.9	64.4	64.6	64.3	64.0	63.6	64.0	64.1	64.5	64.5	64.4
1982 .....	64.1	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.5	64.7	65.0
1983 .....	65.0	65.1	65.1	65.1	65.1	85.0	65.3	65.0	65.0	64.1	64.3	64.3
Civilian labor force participation rate, black men, 20 years and over												
1979 .....	76.0	76.1	76.2	75.7	75.9	76.4	76.8	76.5	76.9	76.7	75.8	75.9
1980 .....	75.8	75.5	74.8	75.3	75.1	74.9	75.6	75.7	75.1	75.0	74.8	74.3
1981 .....	74.4	74.2	74.9	74.7	75.5	74.1	73.8	74.4	74.7	74.9	74.5	74.7
1982 .....	74.4	74.5	74.6	74.7	74.6	74.4	74.5	74.3	74.6	74.8	75.6	75.7
1983 .....	75.3	74.7	74.8	75.6	75.1	75.7	76.0	75.6	75.1	74.2	74.9	74.7
Civilian labor force participation rate, black women, 20 years and over												
1979 .....	55.1	55.3	55.9	55.2	55.0	55.4	55.5	55.2	55.2	55.8	55.5	55.4
1980 .....	55.5	55.1	55.1	55.6	55.9	55.2	55.9	55.9	55.1	56.2	56.3	56.1
1981 .....	55.6	55.7	56.1	56.7	55.6	56.1	55.7	55.8	55.8	56.2	56.7	56.3
1982 .....	56.0	55.8	55.9	55.9	56.2	56.4	56.3	56.5	56.4	56.3	56.2	56.6
1983 .....	57.0	57.7	57.4	56.9	57.2	56.7	56.9	56.7	57.1	56.1	55.9	56.2
Civilian labor force participation rate, Hispanic-origin workers												
1979 .....	65.7	65.5	63.8	63.7	62.6	62.4	62.5	62.0	62.6	63.2	64.2	65.5
1980 .....	66.2	64.8	64.4	64.3	63.9	63.3	63.7	63.0	63.0	63.6	64.5	64.4
1981 .....	65.4	65.8	64.1	64.4	64.5	63.9	63.6	62.8	62.9	63.6	64.8	64.1
1982 .....	64.4	64.9	64.8	64.2	64.3	62.9	62.6	62.5	62.9	63.4	63.7	63.8
1983 .....	64.2	64.1	63.6	63.7	63.0	63.7	63.2	63.4	63.9	63.3	64.4	64.4

3. Employed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Total employed, including resident Armed Forces, total												
1979	99,557	99,936	100,080	99,696	99,920	100,265	100,604	100,379	100,940	101,003	101,169	101,521
1980	101,431	101,585	101,308	100,812	100,578	100,355	100,403	100,411	100,679	100,930	101,160	101,227
1981	101,583	101,849	102,245	102,707	102,723	102,008	102,353	102,302	101,674	101,978	101,814	101,250
1982	101,338	101,474	101,425	101,266	101,844	101,317	101,177	101,252	101,082	100,814	100,696	100,644
1983	100,821	100,836	100,980	101,277	101,431	102,411	102,889	103,166	103,571	103,665	104,291	104,629
Total employed, including resident Armed Forces, men												
1979	58,917	59,052	58,933	58,858	58,931	59,178	59,206	59,085	59,315	59,200	59,186	59,356
1980	59,186	59,393	59,140	58,671	58,483	58,277	58,271	58,254	58,337	58,564	58,662	58,778
1981	58,862	58,900	59,126	59,402	59,297	58,751	59,095	59,034	58,896	58,759	58,532	58,241
1982	58,197	58,285	58,126	58,068	58,339	57,692	57,610	57,650	57,554	57,442	57,334	57,294
1983	57,334	57,321	57,423	57,589	57,744	58,369	58,592	58,607	58,828	58,950	59,389	59,580
Total employed, including resident Armed Forces, women												
1979	40,640	40,885	41,147	40,838	40,989	41,087	41,398	41,294	41,625	41,802	41,983	42,166
1980	42,245	42,192	42,168	42,141	42,095	42,078	42,132	42,157	42,342	42,366	42,498	42,449
1981	42,721	42,949	43,119	43,305	43,426	43,257	43,258	43,268	42,778	43,219	43,282	43,009
1982	43,141	43,189	43,299	43,198	43,505	43,625	43,567	43,602	43,528	43,372	43,362	43,350
1983	43,487	43,515	43,557	43,688	43,687	44,042	44,297	44,559	44,743	44,715	44,902	45,049
Employed, all civilian workers												
1979	97,948	98,329	98,480	98,103	98,331	98,679	99,006	98,776	99,340	99,404	99,574	99,933
1980	99,860	100,007	99,728	99,234	98,987	98,762	98,799	98,792	99,052	99,300	99,525	99,590
1981	99,951	100,217	100,609	101,074	101,096	100,379	100,705	100,638	100,013	100,324	100,155	99,585
1982	99,682	99,810	99,754	99,598	100,179	99,653	99,503	99,563	99,412	99,146	99,036	98,979
1983	99,154	99,172	99,316	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941
Employed men												
1979	57,411	57,548	57,437	57,369	57,449	57,699	57,719	57,593	57,826	57,713	57,705	57,881
1980	57,730	57,934	57,679	57,216	57,016	56,809	56,793	56,762	56,838	57,062	57,156	57,270
1981	57,360	57,399	57,621	57,901	57,800	57,252	57,584	57,507	57,371	57,238	57,007	56,712
1982	56,677	56,758	56,594	56,539	56,812	56,166	56,073	56,099	56,028	55,918	55,818	55,765
1983	55,803	55,793	55,895	56,059	56,216	56,844	57,071	57,069	57,279	57,407	57,855	58,043
Employed women												
1979	40,537	40,781	41,043	40,734	40,882	40,980	41,287	41,183	41,514	41,691	41,869	42,052
1980	42,130	42,073	42,049	42,018	41,971	41,953	42,006	42,030	42,214	42,238	42,369	42,320
1981	42,591	42,818	42,988	43,173	43,296	43,127	43,121	43,131	42,642	43,086	43,148	42,873
1982	43,005	43,052	43,160	43,059	43,367	43,487	43,430	43,464	43,384	43,228	43,218	43,214
1983	43,351	43,379	43,421	43,547	43,546	43,899	44,154	44,415	44,597	44,563	44,751	44,898
Employed both sexes, 16 to 19 years												
1979	8,179	8,192	8,201	8,074	8,019	8,149	8,108	7,892	8,032	7,995	8,074	8,119
1980	8,002	7,920	7,959	7,772	7,710	7,676	7,690	7,482	7,615	7,602	7,545	7,554
1981	7,515	7,478	7,460	7,553	7,421	7,063	7,199	7,231	7,094	7,031	6,945	6,765
1982	6,752	6,750	6,727	6,672	6,776	6,414	6,372	6,463	6,466	6,447	6,446	6,334
1983	6,391	6,349	6,275	6,245	6,216	6,404	6,337	6,382	6,379	6,260	6,411	6,440
Employed men, 16 to 19 years												
1979	4,339	4,315	4,317	4,284	4,271	4,390	4,335	4,257	4,316	4,235	4,270	4,326
1980	4,240	4,238	4,321	4,173	4,090	4,077	4,061	3,946	3,982	3,977	3,963	3,956
1981	3,965	3,940	3,944	4,001	3,909	3,682	3,778	3,800	3,756	3,757	3,688	3,584
1982	3,561	3,548	3,511	3,448	3,557	3,240	3,211	3,323	3,292	3,298	3,310	3,282
1983	3,295	3,285	3,222	3,229	3,253	3,352	3,306	3,265	3,332	3,267	3,398	3,385
Employed women, 16 to 19 years												
1979	3,840	3,877	3,884	3,790	3,748	3,759	3,773	3,635	3,716	3,760	3,804	3,793
1980	3,762	3,682	3,638	3,599	3,620	3,599	3,629	3,536	3,633	3,625	3,582	3,598
1981	3,550	3,538	3,516	3,552	3,512	3,381	3,421	3,431	3,338	3,274	3,257	3,181
1982	3,191	3,202	3,216	3,224	3,219	3,174	3,161	3,140	3,174	3,149	3,136	3,052
1983	3,096	3,064	3,053	3,016	2,963	3,052	3,031	3,117	3,047	2,993	3,013	3,055

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**3. Employed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Employed both sexes, 20 years and over</b>												
1979 .....	89,769	90,137	90,279	90,029	90,312	90,530	90,898	90,884	91,308	91,409	91,500	91,814
1980 .....	91,858	92,087	91,769	91,462	91,277	91,086	91,109	91,310	91,437	91,698	91,980	92,036
1981 .....	92,436	92,739	93,149	93,521	93,675	93,318	93,506	93,407	92,919	93,293	93,210	92,820
1982 .....	92,930	93,060	93,027	92,926	93,403	93,239	93,131	93,100	92,946	92,899	92,590	92,645
1983 .....	92,763	92,823	93,041	93,361	93,546	94,339	94,888	95,102	95,497	95,710	96,195	96,501
<b>Employed men, 20 years and over</b>												
1979 .....	53,072	53,233	53,120	53,085	53,178	53,309	53,384	53,338	53,510	53,478	53,435	53,555
1980 .....	53,490	53,698	53,358	53,043	52,926	52,732	52,732	52,816	52,856	53,085	53,193	53,314
1981 .....	53,395	53,459	53,677	53,900	53,891	53,570	53,806	53,707	53,815	53,481	53,319	53,128
1982 .....	53,116	53,210	53,083	53,081	53,255	52,928	52,862	52,776	52,738	52,820	52,508	52,483
1983 .....	52,508	52,508	52,673	52,830	52,983	53,492	53,765	53,804	53,947	54,140	54,457	54,858
<b>Employed women, 20 years and over</b>												
1979 .....	36,697	36,904	37,159	36,944	37,134	37,221	37,514	37,548	37,798	37,931	38,065	38,259
1980 .....	38,368	38,391	38,411	38,419	38,351	38,354	38,377	38,494	38,581	38,613	38,787	38,722
1981 .....	39,041	39,280	39,472	39,821	39,784	39,746	39,700	39,700	39,304	39,812	39,891	39,892
1982 .....	39,814	39,850	39,944	39,835	40,148	40,313	40,289	40,324	40,210	40,079	40,082	40,182
1983 .....	40,255	40,315	40,368	40,531	40,583	40,847	41,123	41,298	41,550	41,570	41,738	41,843
<b>Employed both sexes, 20 to 24 years</b>												
1979 .....	14,236	14,337	14,354	14,366	14,289	14,352	14,346	14,282	14,394	14,321	14,375	14,275
1980 .....	14,260	14,287	14,241	14,098	14,055	13,938	13,951	13,982	13,989	14,099	14,092	14,111
1981 .....	14,203	14,174	14,185	14,212	14,187	14,075	14,200	14,166	14,050	14,120	13,973	13,904
1982 .....	13,856	13,831	13,839	13,772	13,833	13,746	13,648	13,624	13,561	13,524	13,494	13,551
1983 .....	13,497	13,536	13,528	13,561	13,499	13,807	13,878	13,788	13,838	13,825	13,927	13,937
<b>Employed men, 20 to 24 years</b>												
1979 .....	7,763	7,799	7,754	7,851	7,749	7,816	7,772	7,773	7,854	7,801	7,814	7,740
1980 .....	7,707	7,738	7,718	7,581	7,571	7,426	7,399	7,407	7,440	7,453	7,485	7,515
1981 .....	7,535	7,531	7,581	7,556	7,543	7,468	7,589	7,534	7,522	7,441	7,372	7,373
1982 .....	7,335	7,323	7,287	7,250	7,299	7,170	7,170	7,151	7,101	7,124	7,078	7,089
1983 .....	7,078	7,073	7,081	7,108	7,094	7,337	7,300	7,301	7,302	7,302	7,391	7,365
<b>Employed women, 20 to 24 years</b>												
1979 .....	6,473	6,538	6,600	6,515	6,540	6,536	6,574	6,509	6,540	6,520	6,561	6,535
1980 .....	6,553	6,549	6,523	6,517	6,484	6,510	6,552	6,575	6,549	6,646	6,607	6,596
1981 .....	6,668	6,643	6,624	6,656	6,644	6,607	6,811	6,632	6,528	6,879	6,601	6,531
1982 .....	6,521	6,508	6,552	6,522	6,534	6,576	6,478	6,473	6,460	6,400	6,418	6,462
1983 .....	6,419	6,463	6,447	6,453	6,405	6,470	6,578	6,487	6,538	6,523	6,536	6,552
<b>Employed both sexes, 25 years and over</b>												
1979 .....	75,532	75,790	75,933	75,661	78,015	78,198	76,561	76,618	76,940	77,131	77,040	77,535
1980 .....	77,590	77,784	77,541	77,353	77,228	77,174	77,172	77,388	77,489	77,930	77,813	77,923
1981 .....	78,222	78,558	78,970	79,299	79,495	79,248	79,304	79,267	78,887	79,188	79,189	78,915
1982 .....	79,054	79,223	79,187	79,140	79,571	79,499	79,499	79,522	79,392	79,188	79,081	79,088
1983 .....	79,247	79,288	79,507	79,783	80,034	80,528	81,020	81,363	81,668	81,892	82,268	82,551
<b>Employed men, 25 years and over</b>												
1979 .....	45,300	45,415	45,378	45,228	45,440	45,509	45,596	45,575	45,688	45,885	45,586	45,807
1980 .....	45,773	45,939	45,864	45,451	45,376	45,330	45,322	45,434	45,443	45,638	45,875	45,788
1981 .....	45,844	45,914	46,129	46,335	46,370	46,119	46,184	46,181	46,119	46,037	45,928	45,749
1982 .....	45,763	45,877	45,802	45,833	45,975	45,778	45,687	45,641	45,854	45,492	45,429	45,390
1983 .....	45,419	45,434	45,594	45,718	45,881	46,168	46,430	46,511	46,666	46,834	47,073	47,268
<b>Employed women, 25 years and over</b>												
1979 .....	30,232	30,375	30,555	30,433	30,575	30,689	30,965	31,043	31,252	31,446	31,454	31,728
1980 .....	31,817	31,845	31,877	31,902	31,852	31,844	31,850	31,932	32,028	31,992	32,138	32,135
1981 .....	32,378	32,644	32,841	32,964	33,125	33,127	33,120	33,086	32,788	33,151	33,261	33,168
1982 .....	33,291	33,346	33,385	33,307	33,596	33,721	33,832	33,881	33,738	33,696	33,852	33,898
1983 .....	33,828	33,854	33,913	34,065	34,153	34,380	34,590	34,852	35,002	35,058	35,195	35,285

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**3. Employed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed both sexes, 25 to 54 years												
1979	60,895	61,140	61,309	61,205	61,456	61,633	62,058	62,078	62,341	62,472	62,423	62,924
1980	62,999	63,021	62,931	62,811	62,657	62,610	62,633	62,740	63,013	63,139	63,395	63,537
1981	63,803	64,025	64,364	64,685	64,836	64,660	64,787	64,816	64,616	64,819	64,885	64,611
1982	64,757	64,978	64,821	64,812	65,116	65,082	65,134	65,214	64,893	64,928	64,811	64,849
1983	65,029	65,058	65,309	65,691	65,895	66,380	66,797	67,155	67,323	67,537	67,913	68,179
Employed men, 25 to 54 years												
1979	36,326	36,458	36,502	36,418	36,570	36,668	36,741	36,649	36,746	36,761	36,708	36,935
1980	36,931	36,931	36,790	36,615	36,526	36,524	36,524	36,553	36,688	36,822	36,922	36,977
1981	37,082	37,090	37,307	37,489	37,536	37,412	37,459	37,486	37,497	37,398	37,370	37,119
1982	37,185	37,314	37,218	37,235	37,318	37,173	37,117	37,170	37,031	37,012	36,965	36,899
1983	38,988	37,000	37,180	37,328	37,483	37,748	37,953	38,052	38,173	38,334	38,550	38,757
Employed women, 25 to 54 years												
1979	24,569	24,682	24,807	24,787	24,886	24,965	25,317	25,429	25,595	25,711	25,715	25,989
1980	26,068	26,090	26,141	26,196	26,131	26,086	26,109	26,187	26,325	26,317	26,473	26,560
1981	26,721	28,935	27,057	27,196	27,300	27,248	27,328	27,330	27,119	27,421	27,515	27,492
1982	27,572	27,664	27,603	27,577	27,798	27,909	28,017	28,044	27,862	27,916	27,846	27,950
1983	28,043	28,058	28,129	28,363	28,412	28,632	28,844	29,103	29,150	29,203	29,363	29,422
Employed both sexes, 25 to 34 years												
1979	25,953	26,048	26,054	26,147	26,378	26,449	26,606	26,605	26,823	26,873	26,861	27,084
1980	27,253	27,269	27,142	27,089	27,005	26,928	27,022	27,113	27,198	27,329	27,510	27,564
1981	27,697	27,836	28,099	28,213	28,237	28,302	28,366	28,358	28,295	28,343	28,293	28,098
1982	28,276	28,322	28,213	28,114	28,181	28,096	28,095	28,270	28,058	28,070	28,017	28,066
1983	28,078	28,070	28,081	28,380	28,605	28,766	28,927	29,019	29,099	29,180	29,363	29,468
Employed men, 25 to 34 years												
1979	15,463	15,521	15,501	15,567	15,674	15,715	15,743	15,670	15,817	15,850	15,797	15,922
1980	15,941	15,976	15,829	15,703	15,690	15,686	15,701	15,759	15,795	15,889	15,979	16,034
1981	16,091	16,140	16,279	16,334	16,350	16,334	16,374	16,362	16,355	16,280	16,212	16,061
1982	16,128	16,158	16,108	16,091	16,112	15,974	15,957	16,010	15,907	15,886	15,867	15,820
1983	15,833	15,836	15,861	15,995	16,098	16,214	16,286	16,326	16,387	16,473	16,575	16,676
Employed women, 25 to 34 years												
1979	10,490	10,527	10,553	10,580	10,704	10,734	10,863	10,935	11,006	11,023	11,064	11,162
1980	11,312	11,293	11,313	11,386	11,315	11,242	11,321	11,354	11,403	11,440	11,531	11,530
1981	11,606	11,698	11,820	11,879	11,887	11,968	11,992	11,996	11,940	12,063	12,081	12,037
1982	12,148	12,164	12,105	12,023	12,069	12,122	12,138	12,260	12,151	12,184	12,150	12,246
1983	12,245	12,234	12,220	12,385	12,507	12,552	12,641	12,693	12,712	12,707	12,788	12,792
Employed both sexes, 35 to 44 years												
1979	18,481	18,847	18,795	18,785	18,865	18,954	19,053	19,091	19,166	19,289	19,238	19,391
1980	19,365	19,374	19,470	19,448	19,452	19,489	19,468	19,450	19,591	19,646	19,761	19,753
1981	19,771	19,829	19,888	19,993	20,141	20,078	20,188	20,302	20,273	20,363	20,447	20,462
1982	20,544	20,654	20,623	20,706	20,841	20,946	20,995	21,042	21,027	21,067	21,030	21,078
1983	21,301	21,351	21,528	21,616	21,603	21,820	21,979	22,167	22,272	22,433	22,639	22,802
Employed men, 35 to 44 years												
1979	11,057	11,118	11,168	11,123	11,168	11,217	11,254	11,240	11,225	11,265	11,263	11,320
1980	11,316	11,294	11,330	11,310	11,285	11,295	11,330	11,296	11,392	11,448	11,490	11,470
1981	11,486	11,442	11,501	11,564	11,640	11,592	11,598	11,687	11,714	11,702	11,713	11,715
1982	11,738	11,832	11,814	11,862	11,925	11,924	11,939	11,956	11,959	11,971	11,947	11,954
1983	12,064	12,102	12,226	12,248	12,305	12,403	12,476	12,539	12,594	12,692	12,826	12,921
Employed women, 35 to 44 years												
1979	7,424	7,529	7,627	7,662	7,697	7,737	7,799	7,851	7,941	8,024	7,975	8,071
1980	8,049	8,080	8,140	8,138	8,167	8,194	8,138	8,154	8,199	8,198	8,271	8,283
1981	8,285	8,387	8,387	8,429	8,501	8,486	8,590	8,615	8,559	8,661	8,734	8,747
1982	8,806	8,822	8,809	8,844	8,918	9,022	9,056	9,086	9,068	9,096	9,083	9,124
1983	9,237	9,249	9,302	9,368	9,298	9,417	9,503	9,628	9,678	9,741	9,813	9,881

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**3. Employed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Employed both sexes, 45 to 54 years</b>												
1979	16,461	16,445	16,460	16,273	16,213	16,230	16,399	16,382	16,352	16,310	16,324	16,449
1980	16,381	16,378	16,319	16,274	16,200	16,193	16,143	16,177	16,224	16,164	16,124	16,220
1981	16,335	16,360	16,377	16,479	16,458	16,280	16,233	16,156	16,048	16,113	16,145	16,051
1982	15,937	16,002	15,985	15,992	16,094	16,040	16,044	15,902	15,808	15,791	15,764	15,705
1983	15,650	15,637	15,700	15,695	15,687	15,794	15,891	15,969	15,952	15,924	15,911	15,909
<b>Employed men, 45 to 54 years</b>												
1979	9,806	9,819	9,833	9,728	9,728	9,736	9,744	9,739	9,704	9,646	9,648	9,693
1980	9,674	9,661	9,631	9,602	9,551	9,543	9,493	9,498	9,501	9,485	9,453	9,473
1981	9,505	9,508	9,527	9,591	9,546	9,486	9,487	9,437	9,428	9,416	9,445	9,343
1982	9,319	9,324	9,296	9,282	9,281	9,275	9,221	9,204	9,165	9,155	9,151	9,125
1983	9,089	9,062	9,093	9,085	9,080	9,131	9,191	9,187	9,192	9,169	9,149	9,160
<b>Employed women, 45 to 54 years</b>												
1979	6,655	6,626	6,627	6,545	6,485	6,494	6,655	6,643	6,648	6,664	6,676	6,756
1980	6,707	6,717	6,688	6,672	6,649	6,650	6,650	6,679	6,723	6,679	6,671	6,747
1981	6,830	6,852	6,850	6,888	6,912	6,794	6,746	6,719	6,620	6,697	6,700	6,708
1982	6,618	6,678	6,689	6,710	6,813	6,765	6,823	6,698	6,643	6,636	6,613	6,580
1983	6,561	6,575	6,607	6,610	6,607	6,663	6,700	6,782	6,760	6,755	6,762	6,749
<b>Employed both sexes, 55 years and over</b>												
1979	14,661	14,634	14,600	14,478	14,515	14,537	14,488	14,570	14,612	14,646	14,633	14,629
1980	14,638	14,741	14,585	14,571	14,539	14,534	14,532	14,637	14,480	14,477	14,443	14,381
1981	14,447	14,504	14,574	14,641	14,639	14,570	14,509	14,456	14,297	14,370	14,316	14,311
1982	14,304	14,200	14,329	14,352	14,443	14,420	14,361	14,317	14,523	14,265	14,288	14,225
1983	14,217	14,182	14,157	14,111	14,129	14,178	14,224	14,231	14,368	14,364	14,364	14,347
<b>Employed men, 55 years and over</b>												
1979	9,006	8,946	8,888	8,820	8,849	8,852	8,858	8,904	8,950	8,889	8,892	8,861
1980	8,871	8,988	8,885	8,846	8,827	8,829	8,802	8,860	8,767	8,786	8,774	8,786
1981	8,786	8,810	8,832	8,856	8,806	8,734	8,721	8,682	8,630	8,625	8,576	8,602
1982	8,594	8,544	8,588	8,606	8,631	8,640	8,553	8,471	8,631	8,478	8,484	8,452
1983	8,443	8,419	8,410	8,394	8,371	8,460	8,481	8,468	8,499	8,499	8,541	8,470
<b>Employed women, 55 years and over</b>												
1979	5,655	5,688	5,712	5,658	5,666	5,685	5,630	5,666	5,662	5,757	5,741	5,768
1980	5,767	5,753	5,700	5,725	5,712	5,705	5,730	5,777	5,713	5,691	5,669	5,595
1981	5,661	5,694	5,742	5,785	5,833	5,836	5,788	5,774	5,667	5,745	5,740	5,709
1982	5,710	5,656	5,741	5,746	5,812	5,780	5,808	5,846	5,892	5,787	5,804	5,773
1983	5,774	5,763	5,747	5,717	5,758	5,718	5,743	5,763	5,869	5,865	5,823	5,877
<b>Employed both sexes, 55 to 64 years</b>												
1979	11,651	11,608	11,596	11,465	11,532	11,520	11,527	11,566	11,634	11,671	11,611	11,632
1980	11,591	11,702	11,608	11,623	11,586	11,604	11,618	11,636	11,548	11,540	11,502	11,472
1981	11,548	11,565	11,603	11,634	11,679	11,607	11,559	11,503	11,388	11,434	11,404	11,374
1982	11,396	11,290	11,409	11,441	11,443	11,410	11,412	11,445	11,583	11,391	11,406	11,334
1983	11,321	11,278	11,206	11,201	11,260	11,315	11,314	11,306	11,347	11,364	11,401	11,454
<b>Employed men, 55 to 64 years</b>												
1979	7,109	7,052	7,018	6,948	6,987	6,961	6,980	7,025	7,063	7,045	7,002	7,003
1980	7,000	7,072	7,018	7,012	6,999	7,013	7,007	7,006	6,957	6,972	6,961	6,972
1981	6,975	6,990	7,006	6,986	6,974	6,924	6,923	6,870	6,852	6,809	6,807	6,799
1982	6,804	6,749	6,788	6,815	6,809	6,788	6,772	6,757	6,874	6,764	6,739	6,703
1983	6,686	6,670	6,610	6,628	6,651	6,713	6,682	6,689	6,692	6,706	6,747	6,756
<b>Employed women, 55 to 64 years</b>												
1979	4,542	4,556	4,578	4,517	4,545	4,559	4,547	4,541	4,571	4,626	4,609	4,629
1980	4,591	4,630	4,590	4,611	4,587	4,591	4,611	4,630	4,591	4,568	4,541	4,500
1981	4,573	4,575	4,597	4,648	4,705	4,683	4,636	4,633	4,536	4,625	4,597	4,575
1982	4,592	4,541	4,621	4,626	4,634	4,622	4,640	4,688	4,709	4,627	4,667	4,631
1983	4,635	4,608	4,596	4,573	4,609	4,602	4,632	4,617	4,655	4,658	4,654	4,698

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**3. Employed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Employed both sexes, 65 years and over</b>												
1979 .....	3,010	3,026	3,004	3,013	2,983	3,017	2,961	3,004	2,978	2,975	3,022	2,997
1980 .....	3,047	3,039	2,977	2,948	2,953	2,930	2,914	3,001	2,932	2,937	2,941	2,909
1981 .....	2,899	2,939	2,971	3,007	2,960	2,963	2,950	2,953	2,909	2,936	2,912	2,937
1982 .....	2,908	2,910	2,920	2,911	3,000	3,010	2,949	2,872	2,940	2,874	2,882	2,891
1983 .....	2,896	2,904	2,951	2,910	2,869	2,863	2,910	2,925	3,021	3,000	2,963	2,893
<b>Employed men, 65 years and over</b>												
1979 .....	1,897	1,894	1,870	1,872	1,862	1,891	1,878	1,879	1,887	1,844	1,890	1,858
1980 .....	1,871	1,916	1,867	1,834	1,828	1,816	1,795	1,854	1,810	1,814	1,813	1,814
1981 .....	1,811	1,820	1,826	1,870	1,832	1,810	1,798	1,812	1,778	1,816	1,769	1,803
1982 .....	1,790	1,795	1,800	1,791	1,822	1,852	1,781	1,714	1,757	1,714	1,745	1,749
1983 .....	1,757	1,749	1,800	1,766	1,720	1,747	1,799	1,779	1,807	1,793	1,794	1,714
<b>Employed women, 65 years and over</b>												
1979 .....	1,113	1,132	1,134	1,141	1,121	1,126	1,083	1,125	1,091	1,131	1,132	1,139
1980 .....	1,176	1,123	1,110	1,114	1,125	1,114	1,119	1,147	1,122	1,123	1,128	1,095
1981 .....	1,088	1,119	1,145	1,137	1,128	1,153	1,152	1,141	1,131	1,120	1,143	1,134
1982 .....	1,118	1,115	1,120	1,120	1,178	1,158	1,168	1,158	1,183	1,160	1,137	1,142
1983 .....	1,139	1,155	1,151	1,144	1,149	1,116	1,111	1,146	1,214	1,207	1,169	1,179
<b>Employed white workers</b>												
1979 .....	86,625	86,983	86,932	86,703	86,854	87,105	87,361	87,128	87,606	87,707	87,847	88,270
1980 .....	86,250	88,419	88,117	87,743	87,485	87,241	87,214	87,140	87,468	87,698	87,832	87,958
1981 .....	88,154	88,570	88,805	89,214	89,324	88,702	89,009	89,020	88,417	88,721	88,457	88,031
1982 .....	88,057	88,209	88,183	88,130	88,540	88,047	87,902	87,858	87,759	87,481	87,331	87,292
1983 .....	87,481	87,367	87,530	87,854	88,004	88,836	89,260	89,503	89,693	89,851	90,430	90,779
<b>Employed white men</b>												
1979 .....	51,345	51,505	51,343	51,302	51,316	51,522	51,506	51,338	51,515	51,487	51,538	51,722
1980 .....	51,614	51,861	51,569	51,177	51,010	50,812	50,762	50,740	50,818	50,979	51,035	51,173
1981 .....	51,184	51,321	51,420	51,710	51,617	51,258	51,528	51,448	51,314	51,196	50,998	50,742
1982 .....	50,697	50,764	50,639	50,572	50,786	50,241	50,089	50,109	50,076	49,940	49,779	49,746
1983 .....	49,795	49,772	49,883	50,039	50,224	50,730	50,890	50,882	50,966	51,068	51,468	51,662
<b>Employed white women</b>												
1979 .....	35,280	35,478	35,589	35,401	35,538	35,583	35,855	35,790	36,091	36,220	36,309	36,548
1980 .....	36,636	36,558	36,548	36,566	36,475	36,429	36,452	36,400	36,650	36,719	36,797	36,785
1981 .....	36,970	37,249	37,385	37,504	37,707	37,444	37,481	37,572	37,103	37,525	37,459	37,289
1982 .....	37,360	37,445	37,544	37,558	37,754	37,806	37,813	37,749	37,663	37,541	37,552	37,546
1983 .....	37,686	37,595	37,647	37,815	37,780	38,106	38,370	38,621	38,727	38,783	38,962	39,117
<b>Employed white workers, 16 to 19 years</b>												
1979 .....	7,461	7,427	7,460	7,348	7,298	7,409	7,367	7,130	7,305	7,291	7,369	7,417
1980 .....	7,320	7,241	7,260	7,070	6,998	6,966	7,007	6,795	6,935	6,935	6,848	6,887
1981 .....	6,816	6,820	6,792	6,827	6,715	6,434	6,554	6,648	6,501	6,444	6,329	6,175
1982 .....	6,159	6,137	6,147	6,123	6,220	5,905	5,848	5,915	5,901	5,851	5,855	5,748
1983 .....	5,854	5,810	5,742	5,720	5,691	5,823	5,795	5,850	5,857	5,707	5,839	5,898
<b>Employed white men, 16 to 19 years</b>												
1979 .....	3,962	3,893	3,919	3,888	3,864	3,977	3,935	3,801	3,909	3,854	3,898	3,969
1980 .....	3,876	3,877	3,945	3,779	3,705	3,672	3,689	3,589	3,607	3,608	3,561	3,594
1981 .....	3,591	3,579	3,567	3,602	3,526	3,352	3,442	3,480	3,434	3,445	3,356	3,253
1982 .....	3,226	3,211	3,205	3,146	3,262	2,978	2,942	3,026	3,000	2,978	2,994	2,976
1983 .....	3,000	3,000	2,941	2,954	2,993	3,026	2,999	2,996	3,058	2,940	3,054	3,073
<b>Employed white women, 16 to 19 years</b>												
1979 .....	3,499	3,534	3,541	3,460	3,434	3,432	3,432	3,329	3,396	3,437	3,471	3,448
1980 .....	3,444	3,364	3,315	3,291	3,293	3,294	3,318	3,206	3,328	3,327	3,287	3,293
1981 .....	3,225	3,241	3,225	3,225	3,189	3,082	3,112	3,168	3,067	2,999	2,973	2,922
1982 .....	2,933	2,926	2,942	2,977	2,958	2,927	2,906	2,889	2,901	2,873	2,861	2,772
1983 .....	2,854	2,810	2,801	2,766	2,698	2,797	2,796	2,854	2,799	2,767	2,785	2,825

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**3. Employed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Employed white workers, 20 years and over</b>												
1979	79,164	79,556	79,472	79,355	79,556	79,696	79,994	79,998	30,301	80,416	80,478	80,853
1980	80,930	81,178	80,857	80,673	80,487	80,275	80,207	80,345	80,533	80,763	80,984	81,071
1981	81,338	81,750	82,013	82,387	82,609	82,268	82,455	82,372	61,916	82,277	82,128	81,856
1982	81,898	82,072	82,036	82,007	82,320	82,142	82,054	81,943	81,858	81,630	81,476	81,544
1983	81,627	81,557	81,788	82,134	82,313	83,013	83,465	83,653	83,836	84,144	84,591	84,881
<b>Employed white men, 20 years and over</b>												
1979	47,383	47,612	47,424	47,414	47,452	47,545	47,571	47,537	47,606	47,633	47,640	47,753
1980	47,738	47,984	47,624	47,398	47,305	47,140	47,073	47,151	47,211	47,371	47,474	47,579
1981	47,593	47,742	47,853	48,108	48,091	47,906	48,086	47,968	47,880	47,751	47,642	47,489
1982	47,471	47,553	47,434	47,426	47,524	47,263	47,147	47,083	47,076	46,962	46,785	46,770
1983	46,795	46,772	46,942	47,085	47,231	47,704	47,891	47,886	47,908	48,128	48,414	48,589
<b>Employed white women, 20 years and over</b>												
1979	31,781	31,944	32,048	31,941	32,104	32,151	32,423	32,461	32,695	32,783	32,838	33,100
1980	33,192	33,194	33,233	33,275	33,182	33,135	33,134	33,194	33,322	33,392	33,510	33,492
1981	33,745	34,008	34,160	34,279	34,518	34,362	34,369	34,404	34,036	34,526	34,486	34,367
1982	34,427	34,519	34,602	34,581	34,796	34,879	34,907	34,860	34,782	34,668	34,691	34,774
1983	34,832	34,785	34,846	35,049	35,082	35,309	35,574	35,767	35,928	36,016	36,177	36,292
<b>Employed black workers</b>												
1979	9,215	9,227	9,329	9,258	9,272	9,362	9,420	9,367	9,459	9,482	9,454	9,447
1980	9,396	9,390	9,327	9,296	9,290	9,233	9,290	9,313	9,274	9,310	9,327	9,317
1981	9,422	9,344	9,396	9,533	9,457	9,299	9,313	9,229	9,317	9,336	9,329	9,281
1982	9,305	9,258	9,208	9,165	9,213	9,162	9,183	9,222	9,158	9,126	9,146	9,128
1983	9,158	9,272	9,249	9,245	9,277	9,339	9,443	9,408	9,504	9,449	9,563	9,582
<b>Employed black men</b>												
1979	4,857	4,854	4,869	4,862	4,909	4,952	4,955	4,985	5,017	4,977	4,926	4,907
1980	4,865	4,859	4,840	4,813	4,787	4,749	4,765	4,754	4,738	4,795	4,814	4,805
1981	4,849	4,815	4,854	4,875	4,901	4,738	4,763	4,740	4,799	4,767	4,711	4,714
1982	4,692	4,704	4,672	4,669	4,674	4,599	4,646	4,650	4,583	4,575	4,628	4,563
1983	4,609	4,637	4,648	4,646	4,645	4,744	4,792	4,769	4,818	4,836	4,935	4,943
<b>Employed black women</b>												
1979	4,358	4,373	4,460	4,396	4,363	4,410	4,465	4,382	4,442	4,505	4,528	4,540
1980	4,531	4,531	4,487	4,483	4,503	4,484	4,525	4,559	4,536	4,515	4,513	4,512
1981	4,573	4,529	4,542	4,658	4,556	4,561	4,550	4,489	4,518	4,569	4,618	4,567
1982	4,613	4,554	4,536	4,496	4,539	4,563	4,537	4,572	4,575	4,551	4,518	4,565
1983	4,549	4,635	4,601	4,599	4,632	4,595	4,651	4,639	4,686	4,613	4,628	4,639
<b>Employed black workers, 16 to 19 years</b>												
1979	601	607	614	596	563	564	580	574	563	561	565	568
1980	556	546	551	555	555	573	568	516	545	534	549	529
1981	558	528	523	557	562	501	495	425	493	470	473	481
1982	473	479	445	413	419	360	406	425	445	440	412	423
1983	427	417	429	424	418	436	426	405	396	404	414	399
<b>Employed black men, 16 to 19 years</b>												
1979	316	329	339	323	336	308	306	344	312	305	295	285
1980	295	286	298	312	313	318	312	269	302	297	316	286
1981	292	287	291	294	309	266	258	234	276	249	258	273
1982	262	259	232	222	226	170	212	231	230	225	202	210
1983	225	220	228	221	210	232	233	206	205	229	234	221
<b>Employed black women, 16 to 19 years</b>												
1979	285	278	275	273	227	256	274	230	251	256	270	283
1980	261	260	253	243	242	255	256	247	243	237	233	243
1981	266	241	232	263	253	235	237	191	217	221	215	208
1982	211	220	213	191	193	190	194	194	215	215	210	213
1983	202	197	201	203	208	204	193	199	191	175	180	178

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**3. Employed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Employed black workers, 20 years and over</b>												
1979	8,614	8,620	8,715	8,662	8,709	8,798	8,840	8,793	8,896	8,921	8,889	8,879
1980	8,840	8,844	8,776	8,741	8,735	8,660	8,722	8,797	8,729	8,776	8,778	8,788
1981	8,864	8,816	8,873	8,976	8,895	8,798	8,818	8,804	8,824	8,866	8,856	8,800
1982	8,832	8,779	8,763	8,752	8,794	8,802	8,777	8,797	8,713	8,686	8,734	8,705
1983	8,731	8,855	8,820	8,821	8,859	8,903	9,017	9,003	9,108	9,045	9,149	9,183
<b>Employed black men, 20 years and over</b>												
1979	4,541	4,525	4,530	4,539	4,573	4,644	4,649	4,641	4,705	4,672	4,631	4,622
1980	4,570	4,573	4,542	4,501	4,474	4,431	4,453	4,485	4,436	4,498	4,498	4,519
1981	4,557	4,528	4,563	4,581	4,592	4,472	4,505	4,506	4,523	4,518	4,453	4,441
1982	4,430	4,445	4,440	4,447	4,448	4,429	4,434	4,419	4,353	4,350	4,426	4,353
1983	4,384	4,417	4,420	4,425	4,435	4,512	4,559	4,563	4,613	4,607	4,701	4,722
<b>Employed black women, 20 years and over</b>												
1979	4,073	4,095	4,185	4,123	4,136	4,154	4,191	4,152	4,191	4,249	4,258	4,257
1980	4,270	4,271	4,234	4,240	4,261	4,229	4,269	4,312	4,293	4,278	4,280	4,269
1981	4,307	4,288	4,310	4,395	4,303	4,326	4,313	4,298	4,301	4,348	4,403	4,359
1982	4,402	4,334	4,323	4,305	4,346	4,373	4,343	4,378	4,360	4,396	4,308	4,352
1983	4,347	4,438	4,400	4,396	4,424	4,391	4,458	4,440	4,495	4,438	4,448	4,461
<b>Employed Hispanic-origin workers</b>												
1979	4,680	4,774	4,769	4,827	4,783	4,765	4,784	4,771	4,807	4,803	4,761	4,930
1980	5,043	5,005	5,047	5,013	5,073	5,107	5,154	5,168	5,122	5,173	5,326	5,289
1981	5,341	5,325	5,190	5,339	5,350	5,298	5,311	5,318	5,388	5,417	5,495	5,409
1982	5,334	5,321	5,275	5,174	5,153	5,122	5,119	5,165	5,090	5,093	5,047	5,016
1983	5,063	5,071	5,114	5,259	5,284	5,336	5,339	5,350	5,392	5,398	5,463	5,540
<b>Employed married men, spouse present</b>												
1979	39,771	39,952	39,780	39,610	39,675	39,716	39,849	39,855	39,835	39,734	39,513	39,582
1980	39,484	39,689	39,418	39,142	38,825	38,867	38,687	38,567	38,638	38,780	38,918	39,027
1981	39,023	39,029	39,118	39,323	39,117	38,847	38,877	38,831	38,750	38,689	38,560	38,393
1982	38,323	38,378	38,286	38,289	38,330	38,243	38,127	38,039	37,929	37,821	37,612	37,492
1983	37,498	37,491	37,545	37,602	37,616	37,911	38,254	38,281	38,232	38,240	38,388	38,494
<b>Employed married women, spouse present</b>												
1979	22,770	22,911	22,991	22,812	22,882	23,006	23,220	23,173	23,356	23,406	23,433	23,571
1980	23,562	23,641	23,619	23,566	23,497	23,499	23,408	23,461	23,445	23,482	23,580	23,638
1981	23,827	23,906	23,966	24,012	24,158	24,104	24,088	23,954	23,562	23,894	23,833	23,705
1982	23,783	23,850	23,966	23,872	24,177	24,394	24,143	24,196	24,096	24,070	23,965	24,129
1983	24,182	24,129	24,220	24,361	24,304	24,416	24,618	24,905	24,921	24,953	25,057	25,140
<b>Employed women who maintain families</b>												
1979	4,560	4,601	4,594	4,608	4,628	4,643	4,713	4,697	4,708	4,707	4,752	4,797
1980	4,823	4,706	4,746	4,756	4,748	4,769	4,747	4,805	4,805	4,801	4,820	4,834
1981	4,870	4,898	4,962	5,075	5,036	5,016	4,936	4,974	5,020	5,041	5,063	5,080
1982	5,086	5,125	5,095	5,115	5,030	5,128	5,201	5,193	5,115	5,097	5,017	4,985
1983	5,029	5,016	5,093	4,969	4,991	5,029	5,071	5,096	5,124	5,172	5,236	5,254
<b>Employed full-time workers</b>												
1979	83,957	84,255	84,427	84,368	84,393	84,860	84,871	84,798	85,031	85,263	85,363	85,499
1980	85,279	85,563	85,178	85,037	84,749	84,565	84,428	84,650	85,031	85,162	85,240	85,451
1981	85,807	85,849	86,081	86,473	86,614	85,918	86,534	86,365	85,964	86,160	85,994	85,701
1982	85,327	85,760	85,660	85,424	85,835	85,068	85,269	85,265	85,025	84,965	84,881	84,945
1983	85,167	85,098	85,320	85,658	85,883	86,746	86,802	87,067	87,512	87,726	88,289	88,532
<b>Employed full-time workers, 16 to 19 years</b>												
1979	4,409	4,350	4,387	4,358	4,281	4,505	4,465	4,287	4,278	4,301	4,351	4,365
1980	4,242	4,191	4,174	4,080	4,077	3,975	3,965	3,873	4,051	3,964	3,908	3,932
1981	3,870	3,887	3,809	3,850	3,809	3,527	3,751	3,761	3,747	3,626	3,629	3,470
1982	3,452	3,471	3,438	3,406	3,414	2,825	3,143	3,176	3,150	3,320	3,178	3,224
1983	3,248	3,184	3,170	3,134	3,204	3,325	3,027	3,139	3,197	3,202	3,271	3,255



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**3. Employed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed full-time workers, men, 20 years and over												
1979 .....	50,454	50,688	50,656	50,612	50,654	50,811	50,757	50,666	50,827	50,813	50,737	50,831
1980 .....	50,734	50,881	50,549	50,353	50,201	50,079	50,082	50,131	50,259	50,438	50,490	50,659
1981 .....	50,737	50,734	50,945	51,242	51,245	50,908	51,166	51,054	50,923	50,815	50,662	50,518
1982 .....	50,237	50,541	50,461	50,361	50,437	50,191	50,051	50,002	49,914	49,827	49,778	49,669
1983 .....	49,682	49,682	49,805	50,049	50,248	50,703	50,968	50,964	51,064	51,266	51,551	51,752
Employed full-time workers, women, 20 years and over												
1979 .....	29,094	29,217	29,384	29,398	29,458	29,544	29,649	29,845	29,926	30,149	30,275	30,303
1980 .....	30,303	30,491	30,455	30,604	30,471	30,511	30,381	30,646	30,721	30,760	30,842	30,860
1981 .....	31,200	31,228	31,327	31,381	31,560	31,483	31,617	31,550	31,294	31,719	31,703	31,713
1982 .....	31,638	31,748	31,761	31,657	31,984	32,052	32,075	32,087	31,961	31,818	31,925	32,052
1983 .....	32,237	32,232	32,345	32,475	32,431	32,718	32,807	32,964	33,251	33,258	33,467	33,525
Employed part-time workers												
1979 .....	15,401	15,379	15,338	15,071	15,224	15,212	15,565	15,494	15,524	15,494	15,470	15,829
1980 .....	15,995	15,792	15,782	15,587	15,566	15,659	15,987	15,592	15,301	15,585	15,580	15,395
1981 .....	15,575	15,735	15,919	16,029	15,928	15,934	15,693	15,859	15,509	15,711	15,726	15,362
1982 .....	15,898	15,671	15,680	15,895	15,966	16,173	16,121	16,004	16,073	15,861	15,910	15,819
1983 .....	15,647	15,635	15,700	15,606	15,570	15,767	16,208	16,057	15,951	15,840	15,871	16,014
Employed part-time workers, 16 to 19 years												
1979 .....	3,761	3,810	3,761	3,688	3,709	3,653	3,729	3,652	3,715	3,698	3,714	3,744
1980 .....	3,755	3,721	3,726	3,654	3,619	3,755	3,912	3,671	3,533	3,648	3,605	3,601
1981 .....	3,622	3,568	3,596	3,649	3,589	3,559	3,518	3,508	3,321	3,434	3,306	3,322
1982 .....	3,298	3,276	3,276	3,266	3,361	3,618	3,258	3,309	3,298	3,173	3,223	3,119
1983 .....	3,147	3,164	3,121	3,122	3,040	3,008	3,395	3,242	3,169	3,106	3,131	3,199
Employed part-time workers, men, 20 years and over												
1979 .....	2,598	2,541	2,484	2,512	2,528	2,561	2,634	2,665	2,598	2,677	2,689	2,717
1980 .....	2,719	2,785	2,822	2,721	2,724	2,701	2,661	2,678	2,540	2,654	2,699	2,655
1981 .....	2,622	2,715	2,767	2,691	2,638	2,677	2,636	2,634	2,654	2,667	2,659	2,614
1982 .....	2,842	2,659	2,668	2,752	2,802	2,753	2,841	2,788	2,806	2,788	2,733	2,800
1983 .....	2,786	2,807	2,890	2,793	2,693	2,814	2,820	2,855	2,871	2,865	2,907	2,904
Employed part-time workers, women, 20 years and over												
1979 .....	7,649	7,687	7,695	7,560	7,616	7,673	7,907	7,783	7,869	7,754	7,766	7,999
1980 .....	8,130	7,911	7,891	7,830	7,839	7,812	8,025	7,884	7,872	7,829	7,919	7,888
1981 .....	7,892	8,049	8,099	8,240	8,198	8,233	8,099	8,173	8,024	8,074	8,163	8,029
1982 .....	8,211	8,100	8,160	8,174	8,151	8,222	8,218	8,236	8,258	8,239	8,148	8,142
1983 .....	8,042	8,080	8,024	8,057	8,140	8,083	8,345	8,329	8,296	8,290	8,279	8,344

4. Employed civilians in agricultural and nonagricultural industries by selected characteristics

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed in agricultural industries												
1979	3,305	3,373	3,368	3,291	3,272	3,331	3,335	3,374	3,371	3,325	3,436	3,400
1980	3,312	3,399	3,418	3,327	3,389	3,299	3,321	3,228	3,444	3,367	3,400	3,492
1981	3,421	3,355	3,367	3,536	3,376	3,340	3,305	3,365	3,357	3,393	3,410	3,231
1982	3,381	3,391	3,380	3,375	3,453	3,339	3,417	3,380	3,366	3,443	3,499	3,429
1983	3,420	3,415	3,386	3,392	3,374	3,479	3,499	3,449	3,308	3,240	3,257	3,356
Employed in agricultural industries, both sexes, 16 to 19 years												
1979	361	416	385	356	365	359	359	348	350	349	341	357
1980	344	355	399	376	367	386	401	349	423	394	405	411
1981	407	391	408	464	407	386	355	358	372	369	356	327
1982	371	373	370	345	387	354	373	388	347	395	458	400
1983	367	373	329	350	329	348	365	347	296	267	283	329
Employed in agricultural industries, men, 16 to 19 years												
1979	308	355	315	310	309	298	285	279	292	294	288	296
1980	282	296	328	297	286	304	329	298	342	322	336	336
1981	338	314	333	389	334	324	299	302	309	303	289	284
1982	311	324	319	295	328	298	309	322	277	321	366	325
1983	310	297	270	286	275	287	291	287	245	219	239	276
Employed in agricultural industries, women, 16 to 19 years												
1979	53	61	70	46	56	61	74	69	58	55	53	61
1980	62	59	71	79	81	82	72	51	81	72	69	75
1981	69	77	75	75	73	62	56	56	63	66	67	43
1982	60	49	51	50	59	56	64	66	70	74	92	75
1983	57	76	59	64	54	61	74	60	51	48	44	53
Employed in agricultural industries, both sexes, 20 years and over												
1979	2,944	2,957	2,983	2,935	2,907	2,972	2,976	3,026	3,021	2,976	3,095	3,043
1980	2,968	3,044	3,019	2,951	3,022	2,913	2,920	2,879	3,021	2,973	2,995	3,081
1981	3,014	2,964	2,959	3,072	2,969	2,954	2,950	3,007	2,985	3,024	3,054	2,904
1982	3,010	3,018	3,010	3,030	3,066	2,965	3,044	2,992	3,019	3,048	3,041	3,029
1983	3,053	3,042	3,057	3,042	3,045	3,131	3,134	3,102	3,012	2,973	2,974	3,027
Employed in agricultural industries, men, 20 years and over												
1979	2,349	2,363	2,391	2,351	2,330	2,368	2,377	2,411	2,399	2,390	2,446	2,466
1980	2,433	2,481	2,445	2,386	2,410	2,344	2,338	2,313	2,419	2,374	2,408	2,413
1981	2,411	2,362	2,364	2,465	2,375	2,366	2,356	2,393	2,366	2,408	2,387	2,351
1982	2,391	2,411	2,396	2,432	2,444	2,401	2,440	2,402	2,424	2,454	2,448	2,419
1983	2,436	2,402	2,425	2,421	2,440	2,497	2,521	2,475	2,431	2,376	2,336	2,374
Employed in agricultural industries, women, 20 years and over												
1979	595	594	592	584	577	604	599	615	622	586	649	577
1980	535	563	574	565	612	569	582	566	602	599	587	668
1981	603	602	595	607	594	588	594	614	619	616	667	553
1982	619	607	614	598	622	584	604	590	595	594	593	610
1983	617	640	632	621	605	634	613	627	581	597	638	653
Employed in nonagricultural industries												
1979	94,643	94,956	95,112	94,812	95,059	95,348	95,671	95,402	95,969	96,079	96,138	96,533
1980	96,548	96,608	96,310	95,907	95,598	95,463	95,478	95,564	95,608	95,933	96,125	96,098
1981	96,530	96,862	97,242	97,538	97,720	97,039	97,400	97,273	96,656	96,931	96,745	96,354
1982	96,301	96,419	96,374	96,223	96,726	96,314	96,086	96,183	96,046	95,703	95,537	95,550
1983	95,734	95,757	95,930	96,214	96,388	97,264	97,726	98,035	98,568	98,730	99,349	99,585
Employed in nonagricultural industries, both sexes, 16 to 19 years												
1979	7,818	7,776	7,816	7,718	7,654	7,790	7,749	7,544	7,682	7,646	7,733	7,762
1980	7,658	7,565	7,560	7,396	7,343	7,290	7,289	7,133	7,192	7,208	7,140	7,143
1981	7,108	7,087	7,052	7,089	7,014	6,677	6,844	6,873	6,722	6,662	6,589	6,438
1982	6,381	6,377	6,357	6,327	6,389	6,060	5,999	6,075	6,119	6,052	5,988	5,934
1983	6,024	5,976	5,946	5,895	5,887	6,056	5,972	6,035	6,083	5,993	6,128	6,111

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**4. Employed civilians in agricultural and nonagricultural industries by selected characteristics—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Employed in nonagricultural industries, men, 16 to 19 years</b>												
1979	4,031	3,960	4,002	3,974	3,862	4,092	4,050	3,978	4,024	3,941	3,982	4,030
1980	3,958	3,942	3,993	3,876	3,804	3,773	3,732	3,648	3,640	3,655	3,627	3,620
1981	3,627	3,626	3,611	3,612	3,575	3,358	3,479	3,498	3,447	3,454	3,399	3,300
1982	3,250	3,224	3,192	3,153	3,229	2,942	2,902	3,001	3,015	2,977	2,944	2,957
1983	2,985	2,988	2,952	2,943	2,978	3,065	3,015	2,978	3,087	3,048	3,159	3,109
<b>Employed in nonagricultural industries, women, 16 to 19 years</b>												
1979	3,787	3,816	3,814	3,744	3,692	3,698	3,699	3,566	3,658	3,705	3,751	3,732
1980	3,700	3,623	3,567	3,520	3,539	3,517	3,557	3,485	3,552	3,553	3,513	3,523
1981	3,481	3,461	3,441	3,477	3,439	3,319	3,365	3,375	3,275	3,208	3,190	3,138
1982	3,131	3,153	3,165	3,174	3,160	3,118	3,097	3,074	3,104	3,075	3,044	2,977
1983	3,039	2,988	2,994	2,952	2,909	2,991	2,957	3,057	2,996	2,945	2,969	3,002
<b>Employed in nonagricultural industries, both sexes, 20 years and over</b>												
1979	86,825	87,160	87,296	87,094	87,405	87,558	87,922	87,858	88,287	88,433	88,405	88,771
1980	88,890	89,043	88,750	88,511	88,255	88,173	88,189	88,431	88,416	88,725	88,985	88,955
1981	89,422	89,775	90,190	90,449	90,706	90,362	90,556	90,400	89,934	90,269	90,156	89,916
1982	89,920	90,042	90,017	89,896	90,337	90,254	90,087	90,108	89,927	89,651	89,549	89,616
1983	89,710	89,781	89,984	90,319	90,501	91,208	91,754	92,000	92,485	92,737	93,221	93,474
<b>Employed in nonagricultural industries, men, 20 years and over</b>												
1979	50,723	50,870	50,729	50,734	50,848	50,941	51,007	50,925	51,111	51,088	50,989	51,089
1980	51,057	51,215	50,913	50,657	50,516	50,388	50,394	50,503	50,437	50,711	50,785	50,901
1981	50,984	51,097	51,313	51,435	51,516	51,204	51,450	51,314	51,249	51,073	50,932	50,777
1982	50,725	50,799	50,687	50,659	50,811	50,525	50,422	50,374	50,312	50,166	50,060	50,064
1983	50,072	50,106	50,248	50,409	50,523	50,995	51,244	51,329	51,516	51,764	52,121	52,284
<b>Employed in nonagricultural industries, women, 20 years and over</b>												
1979	36,102	36,310	36,567	36,360	36,557	36,617	36,915	36,933	37,176	37,345	37,416	37,682
1980	37,833	37,828	37,837	37,854	37,739	37,785	37,795	37,928	37,979	38,014	38,200	38,054
1981	38,438	38,678	38,877	39,014	39,190	39,158	39,106	39,086	38,685	39,196	39,224	39,139
1982	39,195	39,243	39,330	39,237	39,526	39,729	39,665	39,734	39,615	39,485	39,489	39,552
1983	39,638	39,675	39,736	39,910	39,978	40,213	40,510	40,671	40,969	40,973	41,100	41,190
<b>Employed total wage and salary workers</b>												
1979	88,973	89,179	89,445	89,214	89,209	89,519	89,560	89,579	90,149	90,239	90,262	90,785
1980	90,724	90,569	90,424	90,064	89,684	89,562	89,430	89,520	89,654	89,823	90,073	90,078
1981	90,586	90,631	91,183	91,729	91,863	90,935	91,339	91,316	90,671	90,856	90,635	90,284
1982	90,252	90,217	90,204	90,068	90,546	90,017	89,856	90,040	89,980	89,572	89,445	89,394
1983	89,481	89,533	89,636	89,988	90,172	90,969	91,318	91,660	92,315	92,122	92,575	92,934
<b>Employed wage and salary workers in agricultural industries</b>												
1979	1,422	1,464	1,454	1,432	1,446	1,477	1,462	1,419	1,427	1,425	1,493	1,494
1980	1,465	1,460	1,501	1,436	1,424	1,431	1,386	1,293	1,445	1,391	1,446	1,489
1981	1,513	1,385	1,422	1,591	1,487	1,451	1,472	1,462	1,445	1,497	1,436	1,387
1982	1,385	1,423	1,462	1,457	1,525	1,449	1,501	1,521	1,529	1,601	1,607	1,567
1983	1,616	1,617	1,558	1,578	1,588	1,624	1,631	1,628	1,572	1,505	1,481	1,512
<b>Employed nonagricultural private wage and salary workers</b>												
1979	72,029	72,131	72,481	72,209	71,941	72,554	72,474	72,536	72,984	73,051	73,096	73,585
1980	73,546	73,285	73,064	72,739	72,258	72,069	72,030	72,334	72,296	72,507	72,675	72,665
1981	73,081	73,370	73,818	74,239	74,575	73,784	74,230	74,356	73,764	73,866	73,828	73,301
1982	73,290	73,271	73,233	73,149	73,564	72,934	72,904	72,981	72,766	72,544	72,372	72,341
1983	72,437	72,406	72,599	72,866	73,054	73,831	74,094	74,361	75,183	75,039	75,509	75,941
<b>Employed government workers in nonagricultural industries</b>												
1979	15,522	15,584	15,510	15,573	15,822	15,488	15,624	15,624	15,738	15,763	15,673	15,706
1980	15,713	15,824	15,859	15,889	16,002	16,062	16,014	15,893	15,913	15,925	15,952	15,924
1981	15,992	15,876	15,943	15,899	15,801	15,700	15,637	15,498	15,462	15,493	15,371	15,596
1982	15,577	15,523	15,509	15,462	15,457	15,634	15,451	15,538	15,685	15,427	15,466	15,486
1983	15,428	15,510	15,479	15,524	15,530	15,514	15,593	15,671	15,560	15,578	15,585	15,481

4. Employed civilians in agricultural and nonagricultural industries by selected characteristics—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Employed self-employed workers in agricultural industries												
1979	1,596	1,575	1,615	1,574	1,506	1,556	1,564	1,618	1,635	1,612	1,647	1,610
1980	1,591	1,673	1,634	1,610	1,641	1,604	1,636	1,651	1,706	1,656	1,621	1,672
1981	1,646	1,660	1,639	1,651	1,637	1,646	1,572	1,642	1,681	1,641	1,644	1,599
1982	1,665	1,629	1,645	1,646	1,680	1,648	1,646	1,615	1,604	1,627	1,620	1,609
1983	1,589	1,562	1,584	1,595	1,558	1,591	1,573	1,564	1,515	1,527	1,556	1,572
Employed self-employed workers in nonagricultural industries												
1979	6,648	6,688	6,673	6,564	6,806	6,796	6,959	6,834	6,817	6,899	6,909	6,879
1980	6,932	7,010	6,985	6,917	6,890	6,855	6,984	7,021	7,066	7,115	7,064	7,147
1981	7,035	7,114	7,083	7,126	6,981	7,125	7,079	7,081	7,164	7,144	7,128	7,082
1982	6,982	7,107	7,152	7,227	7,297	7,315	7,285	7,328	7,414	7,327	7,327	7,355
1983	7,440	7,403	7,456	7,504	7,448	7,510	7,595	7,641	7,656	7,695	7,800	7,734
Employed unpaid-family workers in agricultural industries												
1979	293	327	303	293	293	302	300	321	320	305	291	301
1980	287	268	284	283	308	281	305	285	311	332	311	300
1981	270	294	298	290	249	260	241	255	255	272	317	228
1982	353	343	273	276	255	246	247	251	253	231	245	224
1983	231	230	265	219	233	252	251	240	236	227	224	265
Employed unpaid-family workers in nonagricultural industries												
1979	491	468	467	480	475	482	507	460	448	424	416	414
1980	395	413	400	380	433	456	429	410	423	406	401	396
1981	423	386	373	322	369	382	394	385	403	429	417	400
1982	410	411	435	412	402	404	396	407	381	394	375	373
1983	374	354	344	354	345	352	322	375	380	405	474	450
Total at work in nonagricultural industries												
1979	88,935	89,030	89,399	88,774	89,668	89,490	90,372	90,572	90,528	90,422	90,319	91,044
1980	90,955	90,637	90,359	90,130	89,741	89,910	89,026	89,992	90,079	90,397	90,590	90,566
1981	91,371	91,320	91,554	91,291	91,680	91,574	92,342	91,498	90,583	91,373	91,227	90,898
1982	90,164	90,939	90,715	90,750	91,196	91,256	90,330	90,464	90,651	90,224	90,085	90,064
1983	90,726	90,276	90,450	92,233	91,070	90,913	92,126	91,953	93,322	93,273	93,834	94,173
Nonagricultural workers on full-time schedules												
1979	73,403	73,414	73,805	73,308	74,015	73,850	74,413	74,628	74,648	74,694	74,392	74,645
1980	74,547	74,462	74,220	73,679	72,873	73,003	72,079	73,061	73,497	73,765	73,889	73,951
1981	74,460	74,545	74,587	74,460	74,727	74,648	75,402	74,412	73,708	73,939	73,909	73,344
1982	72,889	73,142	72,823	72,543	72,837	72,639	72,162	72,049	71,644	71,363	71,403	71,470
1983	71,764	71,703	72,035	73,567	72,949	73,071	73,844	73,499	74,666	75,047	75,398	75,802
Nonagricultural workers on part-time schedules for economic reasons												
1979	3,259	3,267	3,285	3,373	3,349	3,441	3,385	3,455	3,266	3,339	3,469	3,568
1980	3,542	3,497	3,485	3,913	4,398	4,259	4,279	4,395	4,286	4,222	4,201	4,190
1981	4,393	4,145	4,211	4,153	4,270	4,156	4,452	4,481	4,591	4,976	4,972	5,279
1982	4,961	5,413	5,591	5,756	5,781	5,696	5,627	5,886	6,436	6,445	6,344	6,367
1983	6,678	6,362	6,169	6,077	5,965	5,886	5,700	5,866	6,027	5,724	5,848	5,712
Nonagricultural workers on part time schedules for economic reasons-usually work full time												
1979	1,280	1,291	1,282	1,321	1,281	1,376	1,350	1,480	1,341	1,382	1,485	1,538
1980	1,562	1,424	1,487	1,744	2,049	1,888	1,869	1,812	1,770	1,670	1,651	1,640
1981	1,680	1,613	1,632	1,586	1,684	1,535	1,689	1,768	1,721	1,966	1,919	2,129
1982	1,761	2,125	2,194	2,215	2,261	2,206	2,017	2,124	2,489	2,413	2,187	2,103
1983	2,138	2,059	1,934	1,888	1,748	1,777	1,781	1,742	1,771	1,617	1,719	1,672
Nonagricultural workers on part time schedules for economic reasons-usually work part time												
1979	1,979	1,976	2,003	2,052	2,068	2,065	2,035	1,975	1,925	1,957	1,984	2,030
1980	1,980	2,073	1,998	2,169	2,349	2,371	2,410	2,583	2,516	2,552	2,550	2,550
1981	2,713	2,532	2,579	2,567	2,586	2,621	2,763	2,713	2,870	3,010	3,053	3,150
1982	3,200	3,288	3,397	3,541	3,520	3,490	3,610	3,762	3,947	4,032	4,157	4,264
1983	4,540	4,303	4,235	4,189	4,217	4,109	3,919	4,124	4,256	4,107	4,129	4,040
Nonagricultural workers on part time schedules for noneconomic reasons-usually work part time												
1979	12,273	12,349	12,309	12,093	12,304	12,199	12,574	12,489	12,614	12,389	12,458	12,831
1980	12,866	12,678	12,654	12,538	12,470	12,648	12,668	12,536	12,296	12,410	12,500	12,425
1981	12,518	12,630	12,756	12,678	12,683	12,770	12,488	12,605	12,284	12,458	12,346	12,275
1982	12,314	12,384	12,301	12,451	12,578	12,921	12,541	12,529	12,571	12,416	12,338	12,227
1983	12,284	12,211	12,246	12,589	12,156	11,956	12,582	12,588	12,629	12,502	12,588	12,659

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**5. Employment-population ratios by sex, age, race, and Hispanic origin**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Total employment-population ratio, including resident Armed Forces</b>												
1979	60.3	60.4	60.4	60.1	60.2	60.3	60.4	60.2	60.4	60.3	60.3	60.5
1980	60.3	60.3	60.1	59.7	59.5	59.3	59.2	59.2	59.2	59.3	59.4	59.4
1981	59.5	59.6	59.8	60.0	59.9	59.4	59.5	59.5	59.0	59.1	59.0	58.6
1982	58.6	58.6	58.5	58.4	58.6	58.3	58.1	58.1	58.0	57.8	57.6	57.6
1983	57.6	57.6	57.6	57.7	57.8	58.3	58.5	58.6	58.7	58.7	59.0	59.2
<b>Total employment-population ratio, including resident Armed Forces, men</b>												
1979	74.7	74.8	74.5	74.3	74.3	74.5	74.4	74.2	74.3	74.0	73.9	74.0
1980	73.7	73.9	73.5	72.8	72.5	72.1	72.0	71.9	71.9	72.1	72.1	72.2
1981	72.2	72.2	72.4	72.6	72.4	71.7	72.0	71.9	71.6	71.4	71.0	70.6
1982	70.5	70.5	70.2	70.1	70.3	69.5	69.3	69.3	69.1	68.9	68.7	68.5
1983	68.5	68.5	68.5	68.7	68.8	69.5	69.7	69.6	69.8	69.9	70.3	70.5
<b>Total employment-population ratio, including resident Armed Forces, women</b>												
1979	47.1	47.3	47.6	47.2	47.3	47.3	47.6	47.4	47.7	47.8	47.9	48.1
1980	48.1	48.0	47.9	47.8	47.7	47.6	47.6	47.5	47.7	47.7	47.8	47.7
1981	47.9	48.1	48.2	48.4	48.5	48.2	48.2	48.1	47.5	48.0	48.0	47.6
1982	47.7	47.7	47.8	47.6	47.9	48.0	47.9	47.9	47.8	47.5	47.5	47.5
1983	47.6	47.6	47.6	47.7	47.6	48.0	48.2	48.5	48.6	48.5	48.7	48.8
<b>Civilian employment-population ratio, all civilian workers</b>												
1979	59.9	60.1	60.0	59.8	59.8	59.9	60.0	59.8	60.0	59.9	60.0	60.1
1980	60.0	60.0	59.7	59.4	59.1	58.9	58.8	58.8	58.9	58.9	59.0	59.0
1981	59.1	59.2	59.4	59.6	59.5	59.0	59.2	59.1	58.6	58.7	58.6	58.2
1982	58.2	58.2	58.1	58.0	58.2	57.9	57.7	57.7	57.6	57.3	57.2	57.1
1983	57.2	57.2	57.2	57.3	57.3	57.9	58.1	58.2	58.3	58.3	58.6	58.8
<b>Civilian employment-population ratio, men</b>												
1979	74.2	74.3	74.0	73.9	73.8	74.0	73.9	73.7	73.9	73.5	73.4	73.5
1980	73.2	73.4	73.0	72.3	72.0	71.6	71.4	71.3	71.4	71.5	71.6	71.7
1981	71.7	71.6	71.9	72.1	71.9	71.1	71.5	71.3	71.1	70.8	70.4	70.0
1982	69.9	69.9	69.7	69.5	69.8	68.9	68.8	68.7	68.6	68.4	68.2	68.0
1983	68.0	67.9	67.9	68.1	68.2	68.9	69.1	69.1	69.3	69.3	69.8	70.0
<b>Civilian employment-population ratio, women</b>												
1979	47.1	47.3	47.5	47.1	47.2	47.2	47.5	47.3	47.6	47.7	47.9	48.0
1980	48.0	47.9	47.8	47.7	47.6	47.5	47.5	47.5	47.6	47.6	47.7	47.6
1981	47.8	48.0	48.2	48.3	48.4	48.2	48.1	48.0	47.4	47.9	47.9	47.5
1982	47.6	47.7	47.7	47.6	47.9	47.9	47.8	47.8	47.7	47.5	47.4	47.4
1983	47.5	47.5	47.5	47.6	47.6	47.9	48.1	48.4	48.5	48.5	48.6	48.7
<b>Civilian employment-population ratio, both sexes, 16 to 19 years</b>												
1979	49.1	49.1	49.2	48.4	48.1	48.9	48.7	47.4	48.3	48.0	48.5	48.9
1980	48.1	47.7	47.9	46.8	46.5	46.3	46.4	45.3	46.2	46.2	45.9	46.0
1981	45.8	45.7	45.7	46.3	45.6	43.5	44.4	44.7	44.0	43.7	43.3	42.3
1982	42.3	42.4	42.3	42.1	42.8	40.6	40.4	41.2	41.3	41.3	41.4	40.7
1983	41.2	41.0	40.7	40.6	40.5	41.8	41.5	42.0	42.1	41.4	42.5	42.9
<b>Civilian employment-population ratio, men, 16 to 19 years</b>												
1979	52.3	52.0	51.9	51.5	51.4	52.8	52.1	51.2	51.9	50.9	51.4	52.2
1980	51.1	51.1	52.1	50.3	49.4	49.3	49.1	47.8	48.3	48.4	48.3	48.3
1981	48.5	48.3	48.4	49.2	48.1	45.4	46.7	47.1	46.6	46.8	46.1	44.9
1982	44.7	44.7	44.2	43.5	45.0	41.0	40.8	42.3	42.0	42.2	42.5	42.0
1983	42.3	42.3	41.7	41.9	42.3	43.7	43.2	42.8	43.9	43.1	44.9	44.9
<b>Civilian employment-population ratio, women, 16 to 19 years</b>												
1979	45.9	46.3	46.4	45.3	44.9	45.0	45.2	43.6	44.6	45.1	45.7	45.6
1980	45.2	44.2	43.7	43.3	43.6	43.4	43.8	42.7	44.0	44.0	43.5	43.8
1981	43.2	43.1	43.0	43.5	43.1	41.6	42.2	42.4	41.3	40.6	40.5	39.7
1982	39.9	40.1	40.4	40.6	40.7	40.2	40.1	40.0	40.5	40.3	40.3	39.3
1983	40.0	39.7	39.7	39.3	38.7	40.0	39.9	41.1	40.3	39.7	40.1	40.8

5. Employment-population ratios by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, both sexes, 20 years and over												
1979	61.1	61.3	61.3	61.0	61.1	61.1	61.3	61.2	61.4	61.3	61.2	61.3
1980	61.3	61.3	61.0	60.7	60.5	60.3	60.2	60.2	60.2	60.3	60.4	60.4
1981	60.5	60.6	60.8	61.0	61.0	60.7	60.7	60.6	60.2	60.3	60.2	59.8
1982	59.8	59.8	59.7	59.6	59.8	59.6	59.5	59.4	59.2	58.9	58.8	58.8
1983	58.8	58.7	58.8	58.9	59.0	59.4	59.7	59.7	59.9	59.9	60.2	60.3
Civilian employment-population ratio, men, 20 years and over												
1979	76.8	77.0	76.7	76.5	76.5	76.5	76.5	76.3	76.5	76.2	76.0	76.0
1980	75.8	76.0	75.4	74.9	74.6	74.2	74.0	74.1	74.0	74.2	74.3	74.3
1981	74.3	74.3	74.5	74.7	74.6	74.0	74.2	74.0	73.8	73.5	73.1	72.8
1982	72.6	72.7	72.4	72.3	72.5	71.9	71.7	71.5	71.4	71.1	70.9	70.7
1983	70.6	70.5	70.7	70.8	70.9	71.5	71.8	71.7	71.8	72.0	72.3	72.5
Civilian employment-population ratio, women, 20 years and over												
1979	47.2	47.4	47.6	47.3	47.4	47.5	47.8	47.7	48.0	48.0	48.1	48.3
1980	48.3	48.3	48.2	48.2	48.0	47.9	47.9	48.0	48.0	48.0	48.1	48.0
1981	48.3	48.5	48.7	48.8	48.9	48.8	48.7	48.6	48.1	48.6	48.6	48.3
1982	48.4	48.4	48.4	48.2	48.5	48.7	48.6	48.6	48.4	48.1	48.1	48.2
1983	48.2	48.2	48.2	48.4	48.4	48.6	48.9	49.0	49.3	49.2	49.4	49.4
Civilian employment-population ratio, both sexes, 20 to 24 years												
1979	70.4	70.9	70.9	70.9	70.4	70.5	70.4	70.0	70.5	70.0	70.2	69.6
1980	69.5	69.5	69.3	68.5	68.2	67.6	67.5	67.7	67.6	68.1	68.0	68.1
1981	68.5	68.3	68.3	68.3	68.2	67.6	68.1	68.0	67.4	67.7	67.0	66.6
1982	66.4	66.3	66.4	66.0	66.3	65.9	65.5	65.4	65.1	65.0	64.8	65.0
1983	64.7	65.0	64.9	65.1	64.8	66.3	66.7	66.3	66.6	66.6	67.1	67.2
Civilian employment-population ratio, men, 20 to 24 years												
1979	79.2	79.5	79.0	79.9	78.7	79.2	78.6	78.6	79.3	78.6	78.6	77.7
1980	77.3	77.6	77.3	75.9	75.7	74.1	73.8	73.8	74.0	74.1	74.3	74.6
1981	74.8	74.7	74.9	74.8	74.6	73.8	74.9	74.4	74.3	73.5	72.6	72.6
1982	72.3	72.1	71.9	71.5	72.0	70.7	70.7	70.6	70.2	70.4	69.9	69.9
1983	69.7	69.7	69.8	70.1	69.9	72.3	71.9	72.0	72.1	72.1	73.0	73.0
Civilian employment-population ratio, women, 20 to 24 years												
1979	62.2	62.7	63.2	62.4	62.5	62.4	62.7	62.0	62.2	61.9	62.2	61.9
1980	62.1	62.0	61.7	61.6	61.2	61.4	61.7	61.9	61.6	62.4	62.0	61.9
1981	62.5	62.2	62.0	62.2	62.1	61.7	61.7	61.9	60.9	62.3	61.6	60.9
1982	60.8	60.7	61.1	60.9	61.0	61.4	60.5	60.5	60.4	59.8	60.0	60.4
1983	60.0	60.5	60.4	60.4	60.0	60.7	61.7	60.9	61.4	61.3	61.5	61.7
Civilian employment-population ratio, both sexes, 25 years and over												
1979	59.6	59.8	59.7	59.5	59.6	59.7	59.8	59.8	59.9	59.9	59.8	60.0
1980	60.0	60.0	59.7	59.5	59.3	59.2	59.0	59.1	59.1	59.1	59.2	59.2
1981	59.3	59.4	59.7	59.8	59.9	59.6	59.5	59.4	59.0	59.2	59.1	58.8
1982	58.8	58.8	58.7	58.6	58.8	58.7	58.6	58.5	58.3	58.0	57.9	57.8
1983	57.9	57.8	57.9	58.0	58.1	58.3	58.6	58.8	58.9	59.0	59.1	59.2
Civilian employment-population ratio, men, 25 years and over												
1979	76.4	76.5	76.3	76.0	76.2	76.1	76.2	76.0	76.0	75.8	75.5	75.8
1980	75.6	75.7	75.2	74.7	74.4	74.2	74.1	74.2	74.1	74.2	74.2	74.3
1981	74.2	74.2	74.5	74.7	74.6	74.1	74.1	74.0	73.7	73.5	73.2	72.8
1982	72.7	72.8	72.5	72.5	72.6	72.2	71.9	71.7	71.6	71.2	71.0	70.8
1983	70.8	70.7	70.8	70.9	71.1	71.4	71.7	71.7	71.8	72.0	72.2	72.4
Civilian employment-population ratio, women, 25 years and over												
1979	44.9	45.0	45.2	45.0	45.1	45.2	45.5	45.8	45.8	45.9	45.9	46.2
1980	46.2	46.2	46.2	46.1	46.0	45.9	45.8	45.9	45.9	45.8	45.9	45.9
1981	46.1	46.4	46.7	46.8	46.9	46.8	46.8	46.6	46.1	46.6	46.6	46.4
1982	46.5	46.5	46.5	46.3	46.7	46.8	46.9	46.8	46.6	46.4	46.3	46.4
1983	46.5	46.4	46.4	46.6	46.6	46.8	47.1	47.4	47.5	47.5	47.6	47.7

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**5. Employment-population ratios by sex, age, race, and Hispanic origin—Continued**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, both sexes, 25 to 54 years												
1979	74.2	74.4	74.4	74.2	74.4	74.4	74.8	74.7	74.9	74.9	74.7	75.1
1980	75.1	75.0	74.8	74.5	74.2	74.0	73.9	73.9	74.1	74.1	74.3	74.3
1981	74.5	74.6	74.9	75.1	75.2	74.8	74.9	74.8	74.4	74.5	74.4	74.0
1982	74.0	74.1	73.8	73.7	73.9	73.7	73.7	73.6	73.1	73.0	72.7	72.7
1983	72.8	72.7	72.8	73.1	73.2	73.6	74.0	74.2	74.3	74.4	74.6	74.8
Civilian employment-population ratio, men, 25 to 54 years												
1979	91.3	91.5	91.5	91.1	91.3	91.3	91.4	91.0	91.1	90.8	90.6	90.9
1980	90.8	90.6	90.1	89.5	89.1	89.0	88.8	88.7	88.9	89.0	89.1	89.1
1981	89.2	89.1	89.4	89.7	89.7	89.2	89.2	89.1	88.9	88.5	88.3	87.5
1982	87.5	87.6	87.3	87.2	87.2	86.7	86.4	86.4	85.9	85.7	85.4	85.1
1983	85.1	85.0	85.3	85.4	85.6	88.1	86.4	86.5	86.6	86.8	87.1	87.4
Civilian employment-population ratio, women, 25 to 54 years												
1979	58.1	58.3	58.4	58.3	58.5	58.5	59.3	59.4	59.7	59.8	59.7	60.3
1980	60.3	60.3	60.3	60.3	60.1	59.9	59.8	59.9	60.1	60.0	60.2	60.3
1981	60.6	61.0	61.2	61.4	61.5	61.3	61.4	61.3	60.7	61.2	61.3	61.2
1982	61.2	61.3	61.1	60.9	61.3	61.5	61.6	61.6	61.0	61.0	60.8	61.0
1983	61.1	61.0	61.1	61.5	61.5	61.8	62.2	62.6	62.6	62.6	62.8	62.9
Civilian employment-population ratio, both sexes, 25 to 34 years												
1979	74.7	74.8	74.7	74.8	75.2	75.4	75.2	75.5	75.5	75.4	75.1	75.5
1980	75.7	75.6	75.0	74.7	74.3	73.8	73.8	73.9	73.9	74.0	74.2	74.1
1981	74.3	74.4	75.0	75.1	74.9	74.9	74.9	74.8	74.5	74.5	74.3	73.6
1982	74.0	74.0	73.7	73.3	73.4	73.1	72.9	73.3	72.6	72.6	72.3	72.4
1983	72.3	72.2	72.1	72.8	73.2	73.5	73.8	74.0	74.0	74.1	74.5	74.6
Civilian employment-population ratio, men, 25 to 34 years												
1979	91.4	91.5	91.2	91.3	91.7	91.6	91.5	90.8	91.3	91.2	90.5	91.0
1980	90.8	90.8	89.7	88.8	88.5	88.2	88.0	88.0	87.9	88.1	88.3	88.4
1981	88.5	88.5	89.0	89.1	88.9	88.6	88.8	88.4	88.3	87.7	87.2	86.3
1982	86.5	86.5	86.2	86.0	86.0	85.1	84.9	85.1	84.4	84.1	83.9	83.5
1983	83.5	83.3	83.3	83.9	84.3	84.8	85.0	85.1	85.3	85.6	85.9	86.3
Civilian employment-population ratio, women, 25 to 34 years												
1979	58.9	59.0	59.0	59.0	59.6	59.6	60.1	60.3	60.5	60.3	60.4	60.7
1980	61.3	61.1	61.0	61.3	60.7	60.2	60.4	60.4	60.5	60.5	60.7	60.5
1981	60.7	61.1	61.5	61.7	61.6	61.8	61.8	61.7	61.4	61.9	61.9	61.6
1982	62.1	62.1	61.7	61.2	61.4	61.6	61.6	62.1	61.4	61.5	61.3	61.8
1983	61.7	61.6	61.4	62.1	62.7	62.8	63.2	63.3	63.3	63.2	63.5	63.4
Civilian employment-population ratio, both sexes, 35 to 44 years												
1979	75.5	76.0	76.3	76.1	76.1	76.3	76.4	76.4	76.6	76.8	76.5	77.0
1980	76.7	76.6	76.8	76.5	76.3	76.2	75.9	75.7	76.1	76.2	76.6	76.4
1981	76.5	76.5	76.5	76.7	77.1	76.7	76.9	77.0	76.5	76.5	76.5	76.2
1982	76.2	76.2	75.8	75.8	75.9	76.0	75.9	75.7	75.4	75.2	74.8	74.6
1983	75.2	75.0	75.4	75.4	75.1	75.6	75.8	76.2	76.3	76.6	77.0	77.2
Civilian employment-population ratio, men, 35 to 44 years												
1979	93.2	93.5	93.6	93.0	93.0	93.1	93.2	92.9	92.6	92.6	92.5	92.7
1980	92.5	92.1	92.2	91.7	91.3	91.1	91.1	90.7	91.3	91.6	91.8	91.6
1981	91.6	91.0	91.2	91.5	91.8	91.2	91.0	91.3	91.1	90.6	90.2	89.8
1982	89.6	89.9	89.4	89.4	89.5	89.1	88.8	88.6	88.3	88.0	87.4	87.1
1983	87.6	87.5	88.1	87.9	88.0	88.3	88.5	88.6	88.7	89.1	89.7	90.0
Civilian employment-population ratio, women, 35 to 44 years												
1979	58.8	59.5	60.1	60.2	60.3	60.4	60.7	61.0	61.6	62.0	61.5	62.2
1980	61.9	62.0	62.3	62.1	62.1	62.2	61.6	61.6	61.8	61.7	62.2	62.2
1981	62.2	62.8	62.7	62.8	63.2	62.9	63.5	63.5	62.8	63.2	63.5	63.3
1982	63.5	63.3	62.9	62.9	63.2	63.7	63.6	63.6	63.2	63.1	62.8	62.9
1983	63.4	63.3	63.4	63.6	62.9	63.5	63.8	64.4	64.5	64.7	64.9	65.2

5. Employment-population ratios by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, both sexes, 45 to 54 years												
1979	72.0	72.0	72.1	71.4	71.2	71.3	72.1	72.1	72.1	71.9	72.0	72.6
1980	72.3	72.3	72.1	72.0	71.7	71.8	71.6	71.8	72.1	71.8	71.7	72.1
1981	72.6	72.7	72.9	73.4	73.3	72.6	72.4	72.1	71.7	72.0	72.2	71.8
1982	71.4	71.7	71.7	71.7	72.2	72.0	72.1	71.5	71.1	71.0	70.9	70.8
1983	70.5	70.5	70.8	70.8	70.8	71.3	71.7	72.1	72.0	71.9	71.8	71.8
Civilian employment-population ratio, men, 45 to 54 years												
1979	89.2	89.4	89.5	88.7	88.8	88.9	89.1	89.2	88.9	88.4	88.4	88.9
1980	88.7	88.6	88.4	88.2	87.9	87.9	87.5	87.6	87.7	87.8	87.3	87.5
1981	87.7	87.8	88.0	88.7	88.3	87.8	87.9	87.5	87.5	87.4	87.7	88.8
1982	88.8	86.7	86.5	86.4	86.5	86.5	88.0	85.9	85.8	85.5	85.5	85.3
1983	85.0	84.7	85.0	85.0	85.0	85.5	88.0	86.0	86.0	85.8	85.8	85.7
Civilian employment-population ratio, women, 45 to 54 years												
1979	56.1	55.9	55.9	55.3	54.8	55.0	56.4	56.4	56.5	56.8	56.8	57.5
1980	57.1	57.2	57.0	56.9	56.8	56.8	56.9	57.2	57.6	57.3	57.2	57.9
1981	58.5	58.8	58.8	59.2	59.4	58.4	58.1	57.9	57.0	57.7	57.8	57.9
1982	57.2	57.7	57.9	58.1	59.0	58.6	59.2	58.1	57.6	57.6	57.4	57.2
1983	57.1	57.2	57.5	57.6	57.6	58.1	58.4	59.1	58.9	58.9	58.9	58.8
Civilian employment-population ratio, both sexes, 55 years and over												
1979	32.9	32.8	32.8	32.4	32.4	32.4	32.2	32.3	32.4	32.4	32.3	32.2
1980	32.2	32.3	31.9	31.9	31.8	31.7	31.7	31.8	31.5	31.4	31.3	31.1
1981	31.2	31.3	31.4	31.5	31.5	31.3	31.1	31.0	30.6	30.7	30.5	30.5
1982	30.4	30.2	30.4	30.4	30.6	30.5	30.3	30.2	30.6	30.0	30.0	29.9
1983	29.8	29.7	29.7	29.5	29.8	29.6	29.7	29.7	29.9	29.9	29.8	29.8
Civilian employment-population ratio, men, 55 years and over												
1979	48.2	45.9	45.4	45.1	45.1	45.1	45.1	45.2	45.4	45.0	44.9	44.7
1980	44.8	45.2	44.8	44.3	44.2	44.1	43.9	44.2	43.7	43.7	43.6	43.6
1981	43.5	43.6	43.6	43.7	43.4	43.0	42.9	42.3	42.3	42.3	42.0	42.1
1982	42.0	41.7	41.9	41.9	42.0	42.0	41.5	41.1	41.8	41.0	41.0	40.8
1983	40.7	40.6	40.5	40.4	40.3	40.8	40.7	40.6	40.7	40.7	40.8	40.4
Civilian employment-population ratio, women, 55 years and over												
1979	22.6	22.7	22.7	22.5	22.4	22.5	22.2	22.3	22.3	22.8	22.5	22.5
1980	22.5	22.4	22.2	22.2	22.2	22.1	22.1	22.3	22.0	21.9	21.8	21.5
1981	21.7	21.8	22.0	22.1	22.2	22.2	22.0	21.9	21.5	21.7	21.7	21.8
1982	21.5	21.3	21.8	21.6	21.8	21.7	21.7	21.8	22.0	21.6	21.8	21.5
1983	21.5	21.4	21.3	21.2	21.3	21.1	21.2	21.3	21.6	21.6	21.4	21.6
Civilian employment-population ratio, both sexes, 55 to 64 years												
1979	55.3	55.0	54.8	54.3	54.5	54.3	54.3	54.4	54.7	54.8	54.4	54.5
1980	54.2	54.6	54.1	54.1	53.9	53.9	53.9	54.0	53.5	53.5	53.2	53.0
1981	53.3	53.3	53.5	53.8	53.7	53.4	53.1	52.8	52.3	52.4	52.3	52.1
1982	52.2	51.7	52.2	52.3	52.3	52.1	52.1	52.2	52.8	51.9	52.0	51.6
1983	51.5	51.3	51.0	50.9	51.2	51.4	51.4	51.4	51.5	51.8	51.8	52.0
Civilian employment-population ratio, men, 55 to 64 years												
1979	72.2	71.5	71.0	70.4	70.6	70.3	70.4	70.8	71.1	70.9	70.3	70.2
1980	70.1	70.7	70.1	70.0	69.8	69.9	69.7	69.7	69.1	69.3	69.1	69.1
1981	68.9	69.1	69.2	68.9	68.8	68.2	68.2	67.8	67.4	66.9	66.9	66.8
1982	66.8	66.2	66.8	66.8	66.7	66.5	66.3	66.1	67.2	66.1	65.9	65.4
1983	65.2	65.1	64.5	64.8	64.8	65.4	65.1	65.2	65.2	65.3	65.7	65.8
Civilian employment-population ratio, women, 55 to 64 years												
1979	40.5	40.5	40.7	40.1	40.3	40.4	40.2	40.1	40.3	40.7	40.5	40.6
1980	40.2	40.5	40.1	40.3	40.0	40.0	40.1	40.3	39.9	39.7	39.4	39.0
1981	39.6	39.8	39.7	40.1	40.6	40.4	39.9	39.9	39.0	39.8	39.5	39.3
1982	39.4	38.9	39.6	39.6	39.7	39.5	39.7	40.0	40.2	39.5	39.8	39.5
1983	39.5	39.3	39.2	39.0	39.3	39.2	39.4	39.3	39.6	39.6	39.8	40.0



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**5. Employment-population ratios by sex, age, race, and Hispanic origin—Continued**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, both sexes, 65 years and over												
1979	12.6	12.9	12.7	12.6	12.8	12.7	12.4	12.6	12.5	12.4	12.6	12.5
1980	12.6	12.6	12.3	12.2	12.2	12.0	12.0	12.3	12.0	12.0	12.0	11.8
1981	11.8	11.9	12.0	12.2	12.0	11.9	11.9	11.9	11.7	11.7	11.6	11.7
1982	11.6	11.6	11.6	11.5	11.8	11.9	11.6	11.3	11.5	11.2	11.3	11.3
1983	11.3	11.3	11.5	11.3	11.1	11.1	11.2	11.3	11.6	11.5	11.4	11.1
Civilian employment-population ratio, men, 65 years and over												
1979	19.7	19.6	19.3	19.3	19.2	19.4	19.3	19.2	19.3	18.8	19.2	18.6
1980	18.9	19.3	18.8	18.5	18.4	18.2	18.0	18.5	18.1	18.1	18.0	18.0
1981	17.9	18.0	18.1	18.5	18.1	17.8	17.7	17.8	17.4	17.7	17.3	17.6
1982	17.4	17.4	17.5	17.3	17.6	17.9	17.2	16.5	16.9	16.4	16.7	16.7
1983	16.7	16.7	17.1	16.8	16.3	16.5	17.0	16.8	17.0	16.9	16.8	16.1
Civilian employment-population ratio, women, 65 years and over												
1979	8.0	8.2	8.2	8.2	8.0	8.0	7.7	8.0	7.7	8.0	8.0	8.0
1980	8.3	7.9	7.8	7.8	7.9	7.8	7.8	8.0	7.8	7.8	7.8	7.5
1981	7.5	7.7	7.9	7.8	7.7	7.9	7.8	7.8	7.7	7.6	7.7	7.6
1982	7.5	7.5	7.5	7.5	7.9	7.7	7.8	7.7	7.8	7.7	7.5	7.5
1983	7.5	7.6	7.6	7.5	7.5	7.3	7.2	7.5	7.9	7.8	7.6	7.6
Civilian employment-population ratio, white workers												
1979	80.7	80.9	80.7	80.5	80.5	80.6	80.7	80.4	80.7	80.6	80.6	80.9
1980	80.8	80.9	80.6	80.2	80.0	80.6	80.7	80.4	80.7	80.6	80.6	80.9
1981	80.0	80.2	80.3	80.5	80.5	80.0	80.2	80.1	80.1	80.1	80.1	80.2
1982	59.2	59.3	59.1	59.0	59.3	58.9	58.8	58.8	58.6	58.4	58.3	58.2
1983	58.3	58.2	58.2	58.4	58.4	58.9	58.1	58.3	59.4	59.4	59.8	59.9
Civilian employment-population ratio, white men												
1979	75.5	75.7	75.3	75.2	75.1	75.2	75.1	74.7	74.8	74.6	74.6	74.8
1980	74.8	74.9	74.4	73.7	73.4	73.0	72.8	72.7	72.7	72.8	72.9	73.1
1981	73.1	73.2	73.3	73.6	73.4	72.8	73.1	72.8	72.6	72.3	72.0	71.6
1982	71.5	71.6	71.3	71.1	71.4	70.6	70.3	70.3	70.2	70.0	69.7	69.6
1983	69.6	69.5	69.5	69.7	69.9	70.5	70.7	70.6	70.8	70.9	71.4	71.5
Civilian employment-population ratio, white women												
1979	47.2	47.4	47.4	47.2	47.3	47.3	47.6	47.4	47.8	47.8	47.9	48.1
1980	48.2	48.0	48.0	47.9	47.8	47.7	47.6	47.5	47.8	47.8	47.9	47.8
1981	48.0	48.3	48.4	48.5	48.8	48.4	48.4	48.5	47.8	48.3	48.1	47.9
1982	48.0	48.1	48.1	48.1	48.3	48.3	48.3	48.2	48.1	47.8	47.8	47.8
1983	48.0	47.9	47.9	48.1	48.0	48.3	48.6	48.9	49.0	49.0	49.2	49.3
Civilian employment-population ratio, white workers, 16 to 19 years												
1979	53.2	53.0	53.2	52.4	52.1	53.0	52.7	51.0	52.2	52.1	52.7	53.2
1980	52.5	52.0	52.1	50.8	50.4	50.2	50.5	49.1	50.2	50.3	49.8	50.2
1981	49.8	50.0	49.8	50.1	49.5	47.5	48.6	49.4	48.3	48.0	47.4	46.4
1982	46.4	46.4	46.5	46.5	47.4	45.1	44.7	45.5	45.5	45.2	45.4	44.6
1983	45.5	45.3	45.0	44.9	44.8	46.1	46.1	46.6	46.9	45.8	47.0	47.5
Civilian employment-population ratio, white men, 16 to 19 years												
1979	56.5	55.6	55.9	55.5	55.2	56.8	56.2	54.2	55.7	54.9	55.5	56.7
1980	55.5	55.8	56.6	54.3	53.3	52.8	53.1	51.7	52.0	52.2	51.6	52.2
1981	52.5	52.5	52.4	52.9	52.0	49.5	51.0	51.6	50.9	51.2	50.1	48.7
1982	48.5	48.4	48.3	47.6	49.5	45.4	44.9	46.4	46.1	45.9	46.4	46.0
1983	46.4	46.5	45.8	46.0	46.9	47.7	47.6	47.5	48.7	46.9	49.1	49.4
Civilian employment-population ratio, white women, 16 to 19 years												
1979	49.9	50.4	50.5	49.4	49.0	49.1	49.2	47.7	48.7	49.3	49.9	49.6
1980	49.5	48.3	47.6	47.3	47.4	47.5	48.0	46.5	48.3	48.4	48.0	48.1
1981	47.1	47.4	47.2	47.4	46.9	45.5	46.2	47.2	45.6	44.9	44.7	44.1
1982	44.4	44.5	44.7	45.4	45.2	44.8	44.6	44.5	44.8	44.5	44.3	43.2
1983	44.6	44.1	44.1	43.7	42.7	44.4	44.5	45.7	45.0	44.7	44.9	45.6

5. Employment-population ratios by sex, age, race, and Hispanic origin—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, white workers, 20 years and over												
1979	61.5	61.7	61.5	61.4	61.4	61.4	61.5	61.4	61.6	61.5	61.5	61.7
1980	61.7	61.8	61.5	61.2	61.0	60.7	60.6	60.6	60.6	60.7	60.8	60.8
1981	61.0	61.2	61.3	61.5	61.6	61.3	61.3	61.2	60.7	60.9	60.7	60.4
1982	60.4	60.5	60.4	60.3	60.5	60.3	60.1	60.0	59.9	59.6	59.5	59.5
1983	59.5	59.4	59.4	59.6	59.7	60.1	60.3	60.4	60.5	60.7	60.9	61.0
Civilian employment-population ratio, white men, 20 years and over												
1979	77.7	78.0	77.5	77.4	77.3	77.3	77.2	77.0	77.0	76.9	76.8	76.9
1980	76.8	77.1	76.4	75.9	75.6	75.2	75.0	75.0	75.0	75.1	75.2	75.3
1981	75.3	75.5	75.5	75.8	75.7	75.2	75.4	75.1	74.8	74.5	74.3	73.9
1982	73.8	74.0	73.6	73.5	73.6	73.1	72.8	72.7	72.6	72.4	72.1	71.9
1983	71.9	71.8	71.9	72.0	72.1	72.7	72.9	72.9	72.9	73.1	73.5	73.6
Civilian employment-population ratio, white women, 20 years and over												
1979	46.9	47.1	47.1	46.9	47.1	47.1	47.4	47.4	47.7	47.7	47.7	48.0
1980	48.1	48.0	48.0	48.0	47.8	47.7	47.6	47.6	47.7	47.7	47.9	47.8
1981	48.1	48.4	48.6	48.7	48.9	48.7	48.6	48.6	48.0	48.6	48.5	48.3
1982	48.3	48.4	48.4	48.3	48.6	48.7	48.6	48.6	48.4	48.1	48.1	48.2
1983	48.3	48.2	48.2	48.4	48.4	48.7	48.9	49.2	49.3	49.4	49.6	49.7
Civilian employment-population ratio, black workers												
1979	53.6	53.5	54.0	53.5	53.4	53.9	54.1	53.7	54.1	54.1	53.8	53.7
1980	53.3	53.1	52.7	52.4	52.3	51.8	52.0	52.1	51.8	51.9	51.9	51.7
1981	52.2	51.7	51.9	52.6	52.0	51.1	51.1	50.5	50.9	50.9	50.8	50.5
1982	50.5	50.2	49.8	49.5	49.7	49.3	49.4	49.5	49.1	48.8	48.8	48.7
1983	48.8	49.3	49.1	49.0	49.1	49.4	49.9	49.6	50.0	49.7	50.2	50.2
Civilian employment-population ratio, black men												
1979	63.2	63.1	63.2	62.9	63.4	63.8	63.9	64.2	64.4	63.7	62.9	62.6
1980	61.9	61.7	61.3	60.9	60.4	59.8	59.9	59.7	59.4	60.0	60.1	59.9
1981	60.3	59.8	60.2	60.3	60.5	58.4	58.6	58.2	58.9	58.4	57.6	57.5
1982	57.1	57.2	56.7	56.6	56.6	55.6	56.0	56.0	55.1	54.9	55.4	54.6
1983	55.0	55.3	55.3	55.2	55.1	56.2	56.7	56.3	56.8	56.9	58.0	58.0
Civilian employment-population ratio, black women												
1979	45.8	45.8	46.6	45.9	45.4	45.8	46.3	45.3	45.9	46.4	46.5	48.6
1980	46.4	46.3	45.7	45.6	45.7	45.4	45.7	46.0	45.7	45.4	45.3	45.2
1981	45.7	45.2	45.2	46.3	45.2	45.2	45.0	44.3	44.5	45.0	45.4	44.8
1982	45.2	44.5	44.3	43.8	44.2	44.3	44.0	44.3	44.2	43.9	43.5	44.0
1983	43.8	44.5	44.1	44.1	44.3	43.9	44.4	44.2	44.6	43.8	43.9	43.9
Civilian employment-population ratio, black workers, 16 to 19 years												
1979	26.4	26.7	26.9	26.1	24.7	24.8	25.6	25.3	24.8	24.6	24.8	25.0
1980	24.4	23.9	24.1	24.3	24.3	25.0	24.7	22.5	23.7	23.3	23.9	23.1
1981	24.3	23.0	22.8	24.3	24.5	21.8	21.6	18.6	21.6	20.8	20.8	21.2
1982	20.9	21.2	19.7	18.3	18.6	16.0	18.0	18.9	19.8	19.7	18.5	18.7
1983	19.0	18.5	19.1	18.9	18.7	19.6	19.1	18.3	17.9	18.3	18.8	18.2
Civilian employment-population ratio, black men, 16 to 19 years												
1979	28.7	29.9	30.6	29.1	30.3	28.0	27.9	31.6	28.6	27.7	26.8	26.1
1980	26.8	25.9	26.9	28.1	28.1	28.5	27.9	24.2	27.2	26.9	28.5	25.8
1981	26.3	25.9	26.1	26.5	27.8	23.9	23.2	21.1	24.8	22.5	23.3	24.8
1982	23.8	23.6	21.1	20.2	20.6	15.5	19.3	21.1	21.0	20.6	18.5	19.0
1983	20.4	20.0	20.8	20.2	19.2	21.3	21.4	19.0	19.0	21.2	21.7	20.6
Civilian employment-population ratio, black women, 16 to 19 years												
1979	24.3	23.7	23.4	23.3	19.4	21.8	23.3	19.5	21.3	21.8	23.0	23.9
1980	22.1	22.1	21.5	20.7	20.6	21.6	21.7	20.9	20.5	20.0	19.7	20.5
1981	22.4	20.3	19.6	22.3	21.4	19.9	20.1	16.2	18.5	18.9	18.4	17.8
1982	18.1	18.9	18.3	16.5	16.7	16.5	16.8	16.9	18.7	18.8	18.4	18.5
1983	17.5	17.1	17.5	17.7	18.2	17.9	17.0	17.5	16.9	15.5	16.0	15.9

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**5. Employment-population ratios by sex, age, race, and Hispanic origin—Continued**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Civilian employment-population ratio, black workers, 20 years and over												
1979 .....	57.7	57.6	58.1	57.6	57.8	58.3	58.4	58.0	58.5	58.5	58.1	58.0
1980 .....	57.6	57.5	56.9	56.6	56.4	55.8	56.1	56.4	55.9	56.1	56.0	55.9
1981 .....	56.3	55.9	56.1	56.7	56.0	55.3	55.3	55.1	55.1	55.2	55.0	54.6
1982 .....	54.7	54.2	54.0	53.9	54.0	54.0	53.7	53.7	53.1	52.8	53.0	52.8
1983 .....	52.9	53.5	53.2	53.1	53.2	53.4	53.9	53.8	54.3	53.8	54.3	54.4
Civilian employment-population ratio, black men, 20 years and over												
1979 .....	69.0	68.6	68.6	68.6	68.9	69.8	69.8	69.5	70.3	69.6	68.8	68.5
1980 .....	67.6	67.5	67.0	66.2	65.7	64.9	65.1	65.4	64.6	65.3	65.2	65.4
1981 .....	65.8	65.2	65.6	65.7	65.7	63.9	64.2	64.1	64.2	64.0	62.9	62.6
1982 .....	62.3	62.4	62.2	62.2	62.1	61.7	61.6	61.3	60.3	60.1	61.0	60.0
1983 .....	60.3	60.6	60.5	60.5	60.5	61.4	61.9	61.8	62.4	62.1	63.2	63.4
Civilian employment-population ratio, black women, 20 years and over												
1979 .....	48.8	48.9	49.9	49.0	49.0	49.2	49.5	48.9	49.3	49.8	49.8	49.7
1980 .....	49.7	49.6	49.0	49.0	49.1	48.7	49.0	49.4	49.1	48.8	48.7	48.5
1981 .....	48.8	48.5	48.7	49.5	48.4	48.5	48.3	48.0	47.9	48.4	48.9	48.3
1982 .....	48.7	47.8	47.6	47.3	47.6	47.9	47.4	47.7	47.4	47.1	48.7	47.2
1983 .....	47.0	47.9	47.4	47.3	47.5	47.1	47.7	47.4	47.9	47.2	47.2	47.3
Civilian employment-population ratio, Hispanic-origin workers												
1979 .....	60.3	60.5	58.8	58.5	57.6	57.1	57.4	56.6	57.9	57.7	58.3	59.5
1980 .....	60.4	59.0	58.3	57.8	57.4	56.9	56.8	56.3	55.9	56.7	58.0	58.1
1981 .....	58.4	58.2	57.4	58.5	58.0	57.3	57.2	56.6	58.9	56.7	57.5	56.8
1982 .....	56.7	57.0	56.7	58.0	55.4	54.3	53.6	53.3	53.8	53.8	53.9	53.9
1983 .....	54.3	54.1	53.5	54.4	54.2	54.8	55.4	55.2	55.6	55.4	56.5	58.9

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**6. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Unemployed, all civilian workers</b>												
1979	6,109	6,173	6,109	6,069	5,840	5,959	5,996	6,320	6,190	6,296	6,238	6,325
1980	6,684	6,684	6,729	7,389	7,938	8,075	8,375	8,267	8,039	8,101	8,021	7,737
1981	8,074	8,050	7,988	7,891	8,111	8,055	7,884	8,043	8,244	8,653	9,014	9,297
1982	9,393	9,693	9,910	10,303	10,363	10,480	10,896	10,910	11,267	11,544	11,887	11,894
1983	11,523	11,516	11,419	11,389	11,188	11,162	10,600	10,633	10,353	9,896	9,429	9,195
<b>Unemployed men</b>												
1979	3,116	3,134	3,109	3,080	2,913	2,950	3,091	3,163	3,186	3,211	3,243	3,233
1980	3,553	3,522	3,628	4,108	4,510	4,652	4,837	4,746	4,696	4,585	4,516	4,245
1981	4,492	4,488	4,407	4,308	4,469	4,459	4,253	4,439	4,484	4,758	5,045	5,346
1982	5,411	5,482	5,674	5,862	5,894	6,119	6,293	6,336	6,672	6,828	6,984	6,969
1983	6,683	6,756	6,673	6,722	6,604	6,409	6,248	6,200	6,049	5,759	5,457	5,258
<b>Unemployed women</b>												
1979	2,993	3,039	3,000	2,989	2,927	3,009	2,905	3,157	3,004	3,085	2,995	3,092
1980	3,131	3,162	3,101	3,261	3,428	3,423	3,538	3,541	3,343	3,518	3,505	3,492
1981	3,582	3,562	3,581	3,583	3,642	3,596	3,631	3,604	3,760	3,895	3,969	3,951
1982	3,982	4,211	4,236	4,441	4,469	4,361	4,603	4,574	4,595	4,716	4,903	4,925
1983	4,840	4,760	4,746	4,647	4,584	4,753	4,352	4,433	4,304	4,137	3,972	3,937
<b>Unemployed both sexes, 16 to 19 years</b>												
1979	1,570	1,570	1,550	1,578	1,534	1,515	1,498	1,564	1,591	1,579	1,525	1,571
1980	1,580	1,584	1,548	1,505	1,762	1,761	1,812	1,745	1,675	1,717	1,705	1,618
1981	1,777	1,793	1,779	1,753	1,752	1,712	1,646	1,673	1,744	1,801	1,886	1,826
1982	1,902	1,973	1,890	1,966	2,008	1,865	2,007	1,997	2,011	2,020	2,045	2,032
1983	1,921	1,866	1,933	1,907	1,857	1,973	1,859	1,885	1,776	1,721	1,618	1,622
<b>Unemployed, men, 16 to 19 years</b>												
1979	839	843	839	827	796	757	789	813	841	794	794	798
1980	824	809	786	814	959	994	1,010	971	934	995	963	897
1981	1,009	1,001	964	954	957	942	885	917	927	940	1,021	1,023
1982	1,037	1,055	1,059	1,096	1,107	1,054	1,086	1,091	1,109	1,118	1,137	1,133
1983	1,060	1,039	1,078	1,040	1,021	1,057	1,031	1,050	984	950	861	866
<b>Unemployed, women, 16 to 19 years</b>												
1979	731	727	711	751	738	758	709	751	750	785	731	773
1980	756	775	762	691	803	767	802	774	741	722	742	721
1981	768	792	815	799	795	770	761	756	817	861	865	803
1982	865	918	831	870	901	811	921	906	902	902	908	899
1983	861	827	855	867	836	916	828	835	792	771	757	756
<b>Unemployed both sexes, 20 years and over</b>												
1979	4,539	4,603	4,559	4,491	4,306	4,444	4,498	4,756	4,599	4,717	4,713	4,754
1980	5,104	5,100	5,181	5,864	6,176	6,314	6,563	6,542	6,364	6,384	6,316	6,119
1981	6,297	6,257	6,209	6,138	6,359	6,343	6,238	6,370	6,500	6,852	7,128	7,471
1982	7,491	7,720	8,020	8,337	8,355	8,615	8,889	8,913	9,256	9,524	9,842	9,862
1983	9,602	9,650	9,486	9,462	9,331	9,189	8,741	8,748	8,577	8,175	7,811	7,573
<b>Unemployed men, 20 years and over</b>												
1979	2,277	2,291	2,270	2,253	2,117	2,193	2,302	2,350	2,345	2,417	2,449	2,435
1980	2,729	2,713	2,842	3,294	3,551	3,658	3,827	3,775	3,762	3,590	3,553	3,348
1981	3,483	3,487	3,443	3,354	3,512	3,517	3,368	3,522	3,557	3,818	4,024	4,323
1982	4,374	4,427	4,615	4,766	4,787	5,065	5,207	5,245	5,563	5,710	5,847	5,836
1983	5,623	5,717	5,595	5,682	5,583	5,352	5,217	5,150	5,065	4,809	4,596	4,392
<b>Unemployed women, 20 years and over</b>												
1979	2,262	2,312	2,289	2,238	2,189	2,251	2,196	2,406	2,254	2,300	2,264	2,319
1980	2,375	2,387	2,339	2,570	2,625	2,656	2,736	2,787	2,602	2,794	2,763	2,771
1981	2,814	2,770	2,766	2,784	2,847	2,826	2,870	2,848	2,943	3,034	3,104	3,148
1982	3,117	3,293	3,405	3,571	3,568	3,550	3,682	3,668	3,693	3,814	3,995	4,026
1983	3,979	3,933	3,891	3,780	3,748	3,637	3,524	3,598	3,512	3,366	3,215	3,181

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**6. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed both sexes, 20 to 24 years												
1979	1,377	1,416	1,421	1,364	1,390	1,404	1,436	1,510	1,485	1,500	1,414	1,586
1980	1,627	1,584	1,573	1,787	1,987	1,937	1,974	1,953	1,936	1,975	1,935	1,845
1981	1,921	1,896	1,880	1,928	2,069	1,959	1,876	1,948	1,979	2,044	2,063	2,171
1982	2,166	2,237	2,275	2,356	2,320	2,355	2,385	2,444	2,461	2,531	2,640	2,604
1983	2,572	2,589	2,465	2,474	2,473	2,349	2,237	2,312	2,218	2,178	2,074	1,942
Unemployed men, 20 to 24 years												
1979	719	726	719	689	699	715	764	756	776	804	729	848
1980	906	901	913	1,050	1,168	1,165	1,165	1,186	1,176	1,188	1,127	1,054
1981	1,105	1,100	1,114	1,120	1,224	1,120	1,020	1,123	1,133	1,185	1,227	1,269
1982	1,282	1,310	1,340	1,372	1,347	1,374	1,397	1,423	1,494	1,501	1,562	1,544
1983	1,507	1,511	1,408	1,461	1,484	1,391	1,366	1,358	1,287	1,259	1,181	1,132
Unemployed women, 20 to 24 years												
1979	658	690	702	675	691	689	672	754	709	696	685	738
1980	721	683	660	737	819	772	809	767	760	787	808	791
1981	816	796	766	808	845	839	856	825	848	659	836	902
1982	884	927	935	984	973	981	988	1,021	967	1,030	1,078	1,060
1983	1,065	1,078	1,057	1,013	989	958	871	954	931	919	893	810
Unemployed both sexes, 25 years and over												
1979	3,154	3,189	3,157	3,124	2,932	3,026	3,061	3,244	3,104	3,234	3,269	3,173
1980	3,473	3,519	3,625	4,069	4,215	4,373	4,576	4,582	4,427	4,424	4,344	4,279
1981	4,369	4,371	4,344	4,202	4,324	4,374	4,348	4,406	4,526	4,813	5,035	5,322
1982	5,315	5,497	5,743	5,957	6,080	6,275	6,483	6,453	6,809	7,001	7,177	7,288
1983	7,013	7,080	6,999	6,956	6,898	6,871	6,486	6,424	6,370	8,002	5,728	5,659
Unemployed men, 25 years and over												
1979	1,555	1,569	1,560	1,582	1,415	1,473	1,534	1,603	1,563	1,631	1,692	1,593
1980	1,819	1,819	1,937	2,246	2,393	2,488	2,648	2,596	2,586	2,416	2,394	2,301
1981	2,369	2,398	2,336	2,240	2,308	2,390	2,333	2,397	2,430	2,636	2,776	3,072
1982	3,075	3,127	3,274	3,390	3,466	3,695	3,784	3,822	4,087	4,215	4,274	4,319
1983	4,088	4,213	4,178	4,213	4,124	3,962	3,826	3,791	3,794	3,552	3,417	3,283
Unemployed women, 25 years and over												
1979	1,599	1,620	1,597	1,562	1,517	1,553	1,527	1,641	1,541	1,603	1,577	1,580
1980	1,654	1,700	1,688	1,823	1,822	1,885	1,928	1,986	1,841	2,008	1,950	1,978
1981	2,000	1,973	2,008	1,962	2,016	1,984	2,015	2,009	2,096	2,177	2,259	2,250
1982	2,240	2,370	2,469	2,567	2,612	2,580	2,699	2,631	2,722	2,786	2,903	2,969
1983	2,925	2,867	2,821	2,743	2,774	2,909	2,660	2,633	2,576	2,450	2,311	2,376
Unemployed both sexes, 25 to 54 years												
1979	2,717	2,710	2,695	2,657	2,516	2,579	2,569	2,777	2,691	2,767	2,832	2,766
1980	2,973	3,068	3,216	3,556	3,753	3,836	4,033	4,058	3,948	3,926	3,832	3,775
1981	3,863	3,803	3,802	3,685	3,843	3,833	3,806	3,879	3,974	4,239	4,476	4,712
1982	4,698	4,813	5,068	5,200	5,368	5,445	5,691	5,677	6,045	6,176	6,326	6,442
1983	6,212	6,226	6,209	6,106	6,106	5,990	5,707	5,688	5,610	5,259	5,007	4,938
Unemployed men, 25 to 54 years												
1979	1,294	1,288	1,299	1,283	1,170	1,198	1,246	1,336	1,314	1,369	1,446	1,353
1980	1,514	1,543	1,683	1,926	2,099	2,141	2,304	2,285	2,290	2,122	2,103	2,015
1981	2,068	2,064	2,046	1,946	2,009	2,066	2,008	2,091	2,134	2,307	2,453	2,683
1982	2,705	2,712	2,854	2,931	3,043	3,221	3,325	3,331	3,621	3,677	3,728	3,761
1983	3,588	3,680	3,656	3,646	3,602	3,465	3,337	3,311	3,315	3,074	2,935	2,799
Unemployed women, 25 to 54 years												
1979	1,423	1,422	1,396	1,374	1,346	1,381	1,323	1,441	1,377	1,398	1,386	1,413
1980	1,459	1,525	1,533	1,630	1,654	1,695	1,729	1,793	1,658	1,804	1,729	1,760
1981	1,795	1,739	1,756	1,739	1,834	1,767	1,798	1,786	1,840	1,932	2,023	2,029
1982	1,993	2,101	2,214	2,269	2,325	2,224	2,386	2,346	2,424	2,501	2,598	2,681
1983	2,624	2,546	2,553	2,460	2,504	2,525	2,370	2,357	2,295	2,185	2,072	2,139

6. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed both sexes, 25 to 34 years												
1979 .....	1,477	1,482	1,468	1,401	1,548	1,387	1,394	1,499	1,395	1,452	1,547	1,489
1980 .....	1,616	1,668	1,791	2,028	2,111	2,150	2,219	2,213	2,237	2,210	2,119	2,106
1981 .....	2,160	2,093	2,075	2,043	2,221	2,112	2,120	2,159	2,193	2,347	2,471	2,578
1982 .....	2,550	2,615	2,750	2,900	2,940	3,084	3,171	3,108	3,311	3,344	3,374	3,456
1983 .....	3,345	3,359	3,385	3,234	3,191	3,161	2,973	2,997	2,952	2,797	2,743	2,656
Unemployed men, 25 to 34 years												
1979 .....	693	707	726	675	636	627	665	735	668	702	789	746
1980 .....	855	848	967	1,149	1,220	1,241	1,318	1,274	1,362	1,251	1,202	1,141
1981 .....	1,176	1,153	1,126	1,092	1,165	1,161	1,123	1,183	1,200	1,309	1,390	1,505
1982 .....	1,505	1,539	1,591	1,682	1,686	1,836	1,883	1,846	1,989	2,011	2,007	2,068
1983 .....	1,968	2,011	2,038	1,953	1,912	1,849	1,763	1,770	1,739	1,630	1,592	1,503
Unemployed women, 25 to 34 years												
1979 .....	784	775	742	726	712	760	729	764	727	750	758	743
1980 .....	761	820	824	879	891	909	901	939	875	959	917	965
1981 .....	984	940	949	951	1,056	951	997	976	993	1,038	1,081	1,073
1982 .....	1,045	1,076	1,159	1,218	1,254	1,248	1,288	1,262	1,322	1,333	1,367	1,388
1983 .....	1,377	1,348	1,347	1,281	1,279	1,312	1,210	1,227	1,213	1,167	1,151	1,153
Unemployed both sexes, 35 to 44 years												
1979 .....	715	672	669	672	661	666	656	749	756	751	744	752
1980 .....	783	817	826	886	979	986	1,070	1,098	984	993	945	978
1981 .....	1,001	1,012	1,044	1,040	951	1,011	970	987	1,083	1,139	1,219	1,298
1982 .....	1,308	1,349	1,395	1,414	1,484	1,488	1,535	1,619	1,640	1,739	1,825	1,901
1983 .....	1,778	1,780	1,741	1,746	1,789	1,757	1,720	1,637	1,644	1,503	1,369	1,339
Unemployed men, 35 to 44 years												
1979 .....	328	300	298	319	288	295	315	332	377	363	387	363
1980 .....	383	406	404	445	521	526	575	587	534	498	464	491
1981 .....	505	546	554	539	480	510	492	492	545	587	637	712
1982 .....	728	709	770	766	826	867	881	937	977	1,019	1,062	1,064
1983 .....	1,000	1,003	976	1,022	1,031	1,001	989	950	978	876	790	740
Unemployed women, 35 to 44 years												
1979 .....	387	372	371	353	373	371	341	417	379	386	357	389
1980 .....	400	411	422	441	458	460	495	511	450	495	481	487
1981 .....	496	466	490	501	471	501	478	495	538	552	582	586
1982 .....	580	640	625	648	658	621	654	682	663	720	763	837
1983 .....	778	777	765	724	758	756	731	687	666	627	579	599
Unemployed both sexes, 45 to 54 years												
1979 .....	525	556	558	584	507	526	519	529	540	564	541	525
1980 .....	574	583	599	642	663	700	744	747	727	723	768	691
1981 .....	702	698	683	602	671	710	716	733	698	753	786	836
1982 .....	840	849	923	886	944	873	985	950	1,094	1,095	1,127	1,085
1983 .....	1,089	1,067	1,083	1,126	1,126	1,072	1,014	1,034	1,014	959	895	943
Unemployed men, 45 to 54 years												
1979 .....	273	281	275	289	246	276	266	269	269	304	270	244
1980 .....	276	289	312	332	358	374	411	404	394	373	437	383
1981 .....	387	365	366	315	364	395	393	416	389	411	426	466
1982 .....	472	464	493	483	531	518	561	548	655	647	659	629
1983 .....	620	666	642	671	659	615	585	591	598	568	553	556
Unemployed women, 45 to 54 years												
1979 .....	252	275	283	295	261	250	253	260	271	260	271	281
1980 .....	298	294	287	310	305	326	333	343	333	350	331	308
1981 .....	315	333	317	287	307	315	323	317	309	342	360	370
1982 .....	368	385	430	403	413	355	424	402	439	448	468	456
1983 .....	469	421	441	455	467	457	429	443	416	391	342	387

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**6. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Unemployed both sexes, 55 years and over</b>												
1979	445	464	475	444	459	431	471	461	440	465	432	424
1980	509	436	425	490	516	495	517	522	520	498	506	516
1981	522	542	556	495	511	501	527	526	581	576	557	620
1982	630	647	694	731	737	775	792	786	801	830	851	862
1983	818	815	807	825	798	825	798	765	785	753	741	742
<b>Unemployed men, 55 years and over</b>												
1979	259	266	266	262	255	262	288	269	264	264	255	249
1980	306	259	259	301	313	322	338	337	327	300	301	292
1981	307	312	295	279	308	309	319	308	319	332	325	391
1982	383	392	424	442	429	455	451	498	497	540	546	554
1983	522	517	518	549	516	492	489	482	507	482	490	481
<b>Unemployed women, 55 years and over</b>												
1979	186	198	209	182	204	169	183	192	176	201	177	175
1980	203	177	166	189	203	173	179	185	193	198	205	224
1981	215	230	261	216	203	192	208	218	262	244	232	229
1982	247	255	270	289	308	320	341	288	304	290	305	308
1983	296	298	289	276	282	333	309	283	278	271	251	261
<b>Unemployed both sexes, 55 to 64 years</b>												
1979	338	342	353	337	354	334	376	356	328	361	350	331
1980	405	334	347	399	422	403	406	417	429	412	412	430
1981	427	439	461	400	412	398	435	440	496	464	465	513
1982	550	563	592	620	623	695	698	670	678	704	719	734
1983	695	698	707	716	683	709	675	652	642	663	639	627
<b>Unemployed men, 55 to 64 years</b>												
1979	195	195	190	187	187	198	230	206	184	192	206	193
1980	239	202	220	242	253	259	264	266	272	253	239	243
1981	251	252	245	230	257	254	266	263	273	269	275	313
1982	332	339	354	370	365	411	392	423	413	453	456	470
1983	441	435	450	477	439	420	416	406	420	431	426	413
<b>Unemployed women, 55 to 64 years</b>												
1979	143	147	163	150	167	136	146	150	144	169	144	138
1980	166	132	127	157	169	144	142	151	157	159	173	187
1981	176	187	216	170	155	144	169	177	223	195	190	200
1982	218	224	238	250	258	284	306	247	265	251	263	264
1983	254	283	257	239	244	289	259	246	222	232	213	214
<b>Unemployed both sexes, 65 years and over</b>												
1979	107	122	122	107	105	97	95	105	112	104	82	93
1980	104	102	78	91	94	92	111	105	91	86	94	86
1981	95	103	95	95	99	103	92	86	85	112	92	107
1982	80	84	102	111	114	80	94	116	123	126	132	128
1983	123	117	100	109	115	116	123	113	143	90	102	115
<b>Unemployed men, 65 years and over</b>												
1979	64	71	76	75	68	64	58	63	80	72	49	56
1980	67	57	39	59	60	63	74	71	55	47	62	49
1981	56	60	50	49	51	55	53	45	46	63	50	78
1982	51	53	70	72	64	44	59	75	84	87	90	84
1983	81	82	68	72	77	72	73	76	87	51	64	88
<b>Unemployed women, 65 years and over</b>												
1979	43	51	46	32	37	33	37	42	32	32	33	37
1980	37	45	39	32	34	29	37	34	36	39	32	37
1981	39	43	45	46	48	48	39	41	39	49	42	29
1982	29	31	32	39	50	36	35	41	39	39	42	44
1983	42	35	32	37	38	44	50	37	56	39	38	47

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**6. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Unemployed white workers</b>												
1979	4,658	4,643	4,651	4,535	4,382	4,475	4,549	4,860	4,789	4,796	4,789	4,858
1980	5,104	5,121	5,181	5,693	6,132	6,282	6,471	6,462	6,201	6,239	6,156	5,959
1981	6,305	6,238	6,152	6,074	6,250	6,122	6,011	6,017	6,259	6,575	6,915	7,231
1982	7,272	7,441	7,621	7,960	7,937	8,096	8,453	8,393	8,696	8,910	9,227	9,321
1983	8,806	8,871	8,735	8,596	8,468	8,399	7,995	7,995	7,814	7,488	7,129	6,945
<b>Unemployed white men</b>												
1979	2,413	2,382	2,369	2,335	2,207	2,254	2,388	2,495	2,509	2,481	2,532	2,523
1980	2,739	2,716	2,853	3,243	3,570	3,686	3,821	3,760	3,642	3,604	3,553	3,344
1981	3,537	3,558	3,504	3,385	3,486	3,454	3,283	3,391	3,474	3,710	3,950	4,255
1982	4,236	4,284	4,422	4,600	4,586	4,811	4,987	5,000	5,224	5,346	5,527	5,537
1983	5,163	5,314	5,236	5,201	5,096	4,891	4,776	4,772	4,686	4,502	4,261	4,124
<b>Unemployed white women</b>												
1979	2,245	2,261	2,282	2,200	2,175	2,221	2,161	2,365	2,280	2,315	2,257	2,335
1980	2,365	2,405	2,328	2,450	2,562	2,596	2,650	2,702	2,559	2,635	2,603	2,615
1981	2,768	2,680	2,648	2,689	2,764	2,668	2,728	2,626	2,785	2,865	2,965	2,976
1982	3,036	3,157	3,199	3,360	3,351	3,285	3,466	3,393	3,472	3,564	3,700	3,784
1983	3,643	3,557	3,499	3,395	3,372	3,508	3,219	3,223	3,128	2,986	2,868	2,821
<b>Unemployed white workers, 16 to 19 years</b>												
1979	1,209	1,183	1,195	1,181	1,138	1,140	1,165	1,230	1,246	1,216	1,187	1,217
1980	1,207	1,177	1,187	1,190	1,376	1,388	1,412	1,394	1,260	1,337	1,336	1,235
1981	1,364	1,420	1,381	1,366	1,386	1,329	1,291	1,273	1,382	1,377	1,487	1,446
1982	1,509	1,535	1,448	1,567	1,543	1,449	1,541	1,524	1,545	1,586	1,582	1,586
1983	1,490	1,461	1,539	1,457	1,415	1,463	1,398	1,414	1,301	1,292	1,210	1,207
<b>Unemployed white men, 16 to 19 years</b>												
1979	647	642	645	637	613	573	618	656	669	622	632	627
1980	641	614	610	658	766	806	805	783	705	770	763	673
1981	764	791	774	738	754	741	688	688	742	740	822	820
1982	847	830	813	875	867	824	856	858	858	871	877	877
1983	820	815	858	806	766	775	766	780	713	728	654	650
<b>Unemployed white women, 16 to 19 years</b>												
1979	562	541	550	544	525	567	547	574	577	594	555	590
1980	566	563	577	532	610	582	607	611	555	567	573	562
1981	600	629	607	628	632	588	603	585	640	637	665	626
1982	662	705	635	692	676	625	685	666	687	715	705	709
1983	670	646	681	651	649	688	632	634	588	564	556	557
<b>Unemployed white workers, 20 years and over</b>												
1979	3,449	3,460	3,456	3,354	3,244	3,335	3,384	3,630	3,543	3,580	3,602	3,641
1980	3,897	3,944	3,994	4,503	4,756	4,894	5,059	5,068	4,941	4,902	4,820	4,724
1981	4,941	4,818	4,771	4,708	4,864	4,793	4,720	4,744	4,877	5,198	5,428	5,785
1982	5,763	5,906	6,173	6,393	6,394	6,647	6,912	6,869	7,151	7,324	7,645	7,735
1983	7,316	7,410	7,196	7,139	7,053	6,936	6,597	6,581	6,513	6,196	5,919	5,738
<b>Unemployed white men, 20 years and over</b>												
1979	1,766	1,740	1,724	1,698	1,594	1,681	1,770	1,839	1,840	1,859	1,900	1,896
1980	2,098	2,102	2,243	2,585	2,804	2,880	3,016	2,977	2,937	2,834	2,790	2,671
1981	2,773	2,767	2,730	2,647	2,732	2,713	2,595	2,703	2,732	2,970	3,128	3,435
1982	3,389	3,454	3,609	3,725	3,719	3,987	4,131	4,142	4,366	4,475	4,650	4,660
1983	4,343	4,499	4,378	4,395	4,330	4,116	4,010	3,992	3,973	3,774	3,607	3,474
<b>Unemployed white women, 20 years and over</b>												
1979	1,683	1,720	1,732	1,656	1,650	1,654	1,614	1,791	1,703	1,721	1,702	1,745
1980	1,799	1,842	1,751	1,918	1,952	2,014	2,043	2,091	2,004	2,068	2,030	2,053
1981	2,168	2,051	2,041	2,061	2,132	2,080	2,125	2,041	2,145	2,228	2,300	2,350
1982	2,374	2,452	2,564	2,668	2,675	2,660	2,781	2,727	2,785	2,849	2,995	3,075
1983	2,973	2,911	2,818	2,744	2,723	2,820	2,587	2,589	2,540	2,422	2,312	2,264



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**6. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Unemployed black workers</b>												
1979	1,305	1,390	1,329	1,372	1,311	1,303	1,297	1,321	1,253	1,335	1,273	1,315
1980	1,398	1,370	1,381	1,494	1,568	1,577	1,682	1,601	1,616	1,664	1,663	1,647
1981	1,581	1,606	1,666	1,647	1,646	1,712	1,646	1,802	1,770	1,879	1,897	1,936
1982	1,889	1,966	2,039	2,059	2,086	2,056	2,138	2,153	2,263	2,319	2,355	2,419
1983	2,386	2,289	2,324	2,406	2,368	2,379	2,298	2,316	2,216	2,116	2,060	2,068
<b>Unemployed black men</b>												
1979	630	683	677	649	621	611	627	618	587	642	627	652
1980	726	708	690	770	807	848	907	881	919	867	850	825
1981	825	816	810	841	857	885	852	935	894	954	1,003	1,039
1982	1,037	1,063	1,102	1,109	1,112	1,127	1,133	1,142	1,256	1,289	1,296	1,366
1983	1,299	1,222	1,244	1,314	1,299	1,289	1,258	1,254	1,168	1,086	1,058	1,034
<b>Unemployed black women</b>												
1979	675	707	652	723	690	692	670	703	666	693	646	663
1980	672	662	891	724	761	729	775	720	697	797	813	822
1981	756	790	856	806	789	827	794	867	878	925	894	897
1982	852	903	937	950	974	929	1,005	1,011	1,007	1,030	1,059	1,053
1983	1,087	1,067	1,080	1,092	1,069	1,090	1,040	1,062	1,048	1,030	1,002	1,034
<b>Unemployed black workers, 16 to 19 years</b>												
1979	320	359	321	382	347	337	311	320	308	343	317	323
1980	344	358	328	307	342	329	360	325	362	353	337	360
1981	386	345	359	385	323	327	316	382	323	399	373	353
1982	359	379	402	385	413	367	397	417	404	397	413	408
1983	378	363	353	409	392	433	399	429	413	383	371	383
<b>Unemployed black men, 16 to 19 years</b>												
1979	171	186	174	176	159	168	156	152	146	161	157	155
1980	171	169	157	152	169	168	187	176	195	201	187	207
1981	231	192	163	217	176	170	183	215	155	183	185	181
1982	175	199	223	214	215	215	205	208	220	221	232	228
1983	208	197	198	209	228	239	218	239	228	192	191	191
<b>Unemployed black women, 16 to 19 years</b>												
1979	149	173	147	206	188	169	155	168	162	182	160	168
1980	173	189	171	155	173	161	173	149	167	152	150	153
1981	155	153	196	168	147	157	133	167	168	216	188	172
1982	184	180	179	171	198	152	192	209	184	176	181	180
1983	170	166	155	200	164	194	181	190	185	191	180	192
<b>Unemployed black workers, 20 years and over</b>												
1979	985	1,031	1,008	990	964	966	986	1,001	945	992	956	992
1980	1,054	1,012	1,053	1,187	1,226	1,248	1,322	1,276	1,254	1,311	1,326	1,287
1981	1,195	1,261	1,307	1,262	1,323	1,385	1,330	1,420	1,447	1,480	1,524	1,583
1982	1,530	1,587	1,637	1,674	1,673	1,689	1,741	1,736	1,859	1,922	1,942	2,011
1983	2,008	1,926	1,971	1,997	1,976	1,946	1,899	1,887	1,803	1,733	1,689	1,685
<b>Unemployed black men, 20 years and over</b>												
1979	459	497	503	473	462	443	471	466	441	481	470	497
1980	555	539	533	618	638	680	720	705	724	666	663	618
1981	594	624	647	624	681	715	669	720	739	771	818	858
1982	862	864	879	895	897	912	928	934	1,036	1,068	1,064	1,138
1983	1,091	1,025	1,046	1,105	1,071	1,050	1,040	1,015	940	894	867	843
<b>Unemployed black women, 20 years and over</b>												
1979	526	534	505	517	502	523	515	535	504	511	486	495
1980	499	473	520	569	588	568	602	571	530	645	663	669
1981	601	637	660	638	642	670	661	700	708	709	706	725
1982	668	723	758	779	776	777	813	802	823	854	878	873
1983	917	901	925	892	905	896	859	872	863	839	822	842

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**6. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>Unemployed Hispanic-origin workers</b>												
1979	418	398	408	431	413	435	422	456	397	457	483	496
1980	485	497	523	563	579	577	626	618	651	622	596	576
1981	643	692	602	547	599	608	595	586	568	659	697	695
1982	718	743	745	755	828	804	840	892	865	911	914	922
1983	923	930	956	902	855	866	751	795	810	767	769	727
<b>Unemployed married men, spouse present</b>												
1979	1,108	1,147	1,095	1,120	991	1,075	1,130	1,180	1,160	1,182	1,214	1,198
1980	1,427	1,357	1,427	1,653	1,833	1,902	2,016	1,988	1,897	1,828	1,739	1,683
1981	1,732	1,726	1,708	1,539	1,642	1,734	1,633	1,640	1,751	1,876	2,006	2,209
1982	2,183	2,208	2,279	2,424	2,489	2,661	2,769	2,764	2,942	3,049	3,060	3,042
1983	2,920	2,928	2,884	2,877	2,819	2,705	2,540	2,561	2,465	2,330	2,224	2,112
<b>Unemployed married women, spouse present</b>												
1979	1,302	1,278	1,286	1,242	1,198	1,235	1,190	1,326	1,220	1,281	1,185	1,275
1980	1,310	1,360	1,327	1,407	1,500	1,512	1,554	1,565	1,458	1,496	1,443	1,447
1981	1,561	1,470	1,503	1,484	1,463	1,446	1,462	1,414	1,518	1,557	1,632	1,654
1982	1,605	1,773	1,821	1,985	1,901	1,827	1,932	1,898	1,964	2,059	2,168	2,118
1983	2,058	1,998	1,975	1,933	1,952	2,022	1,854	1,853	1,805	1,688	1,607	1,636
<b>Unemployed women who maintain families</b>												
1979	392	425	418	406	435	457	416	420	415	431	438	439
1980	473	451	461	472	431	438	460	498	479	542	525	550
1981	557	545	532	551	578	585	626	570	595	598	619	593
1982	591	602	611	655	670	696	716	700	713	652	723	768
1983	767	760	784	744	725	718	676	683	697	668	613	645
<b>Unemployed full-time workers</b>												
1979	4,699	4,816	4,718	4,788	4,514	4,627	4,714	4,893	4,856	4,923	4,924	4,975
1980	5,273	5,266	5,387	5,995	6,590	6,683	6,974	6,874	6,722	6,657	6,680	6,510
1981	6,613	6,594	6,534	6,449	6,649	6,602	6,468	6,459	6,741	7,119	7,436	7,928
1982	7,820	7,989	8,335	8,605	8,739	8,914	9,128	9,188	9,580	9,907	10,115	10,171
1983	9,811	9,865	9,744	9,727	9,514	9,332	8,985	8,964	8,747	8,319	7,900	7,658
<b>Unemployed full-time workers, both sexes, 16 to 19 years</b>												
1979	848	860	853	886	828	796	828	859	927	885	872	898
1980	886	904	888	855	1,082	1,011	1,053	997	980	961	1,011	967
1981	1,027	987	1,012	997	1,024	973	959	904	1,004	1,022	1,056	1,118
1982	1,110	1,110	1,130	1,120	1,216	1,085	1,153	1,160	1,185	1,195	1,194	1,172
1983	1,124	1,140	1,118	1,104	1,063	1,084	1,049	1,101	1,001	999	922	899
<b>Unemployed full-time workers, men, 20 years and over</b>												
1979	2,110	2,101	2,086	2,079	1,955	2,026	2,111	2,155	2,147	2,230	2,283	2,279
1980	2,521	2,496	2,661	3,101	3,343	3,471	3,631	3,595	3,599	3,398	3,363	3,235
1981	3,252	3,258	3,244	3,165	3,277	3,353	3,147	3,267	3,315	3,585	3,782	4,126
1982	4,147	4,159	4,334	4,477	4,532	4,863	4,944	4,955	5,297	5,474	5,551	5,615
1983	5,321	5,412	5,316	5,391	5,306	5,085	4,935	4,870	4,795	4,526	4,338	4,173
<b>Unemployed full-time workers, women, 20 years and over</b>												
1979	1,741	1,855	1,779	1,803	1,731	1,805	1,775	1,879	1,782	1,808	1,769	1,798
1980	1,866	1,866	1,838	2,039	2,165	2,201	2,290	2,282	2,143	2,298	2,306	2,308
1981	2,334	2,349	2,278	2,287	2,348	2,276	2,362	2,288	2,422	2,512	2,598	2,684
1982	2,563	2,720	2,871	3,008	2,991	2,966	3,031	3,073	3,098	3,298	3,370	3,384
1983	3,366	3,313	3,310	3,232	3,145	3,163	3,001	2,993	2,951	2,794	2,640	2,586
<b>Unemployed part-time workers</b>												
1979	1,393	1,341	1,398	1,311	1,371	1,325	1,295	1,394	1,342	1,365	1,301	1,369
1980	1,391	1,375	1,343	1,382	1,384	1,391	1,389	1,359	1,356	1,454	1,357	1,251
1981	1,439	1,403	1,457	1,449	1,503	1,465	1,440	1,544	1,510	1,536	1,598	1,397
1982	1,547	1,636	1,576	1,703	1,652	1,580	1,604	1,671	1,711	1,861	1,806	1,758
1983	1,672	1,584	1,665	1,634	1,697	1,862	1,646	1,631	1,615	1,579	1,554	1,567

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**6. Unemployed persons by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed part-time workers, both sexes, 16 to 19 years												
1979 .....	714	701	705	697	723	696	672	686	683	695	660	670
1980 .....	691	661	664	656	704	735	752	735	710	755	711	646
1981 .....	747	779	769	762	755	730	875	757	750	780	851	705
1982 .....	792	829	760	849	816	778	837	830	830	827	879	861
1983 .....	798	687	812	802	814	880	796	781	778	725	724	728
Unemployed part-time workers, men, 20 years and over												
1979 .....	164	164	184	176	169	185	194	195	191	190	160	182
1980 .....	197	188	178	191	211	207	188	165	180	202	189	154
1981 .....	217	200	193	185	247	163	222	248	235	232	237	248
1982 .....	210	244	274	289	255	226	254	275	277	247	299	282
1983 .....	273	284	266	287	273	300	279	265	271	281	259	257
Unemployed part-time workers, women, 20 years and over												
1979 .....	515	476	509	438	479	444	429	513	468	480	481	517
1980 .....	503	526	501	535	469	449	451	459	466	497	457	451
1981 .....	475	424	495	502	501	552	543	539	525	524	510	444
1982 .....	545	563	542	565	581	576	713	566	604	587	628	615
1983 .....	601	613	587	545	610	672	573	585	566	573	571	582

7. Unemployed persons by reason for and duration of unemployment

(Numbers in thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployed job losers												
1979 .....	2,596	2,648	2,583	2,606	2,328	2,354	2,566	2,758	2,647	2,801	2,833	2,854
1980 .....	3,194	3,142	3,221	3,710	4,139	4,325	4,627	4,473	4,387	4,275	4,217	4,158
1981 .....	4,042	4,133	4,000	3,963	4,040	4,075	3,980	4,153	4,348	4,493	4,787	5,210
1982 .....	5,314	5,275	5,646	5,909	5,916	6,172	6,404	6,385	6,890	7,359	7,361	7,114
1983 .....	6,810	6,864	6,848	6,767	6,753	6,525	6,235	6,133	5,938	5,601	5,226	5,017
Unemployed job losers on layoff												
1979 .....	826	843	814	870	669	756	774	959	833	886	994	973
1980 .....	1,120	1,146	1,172	1,464	1,729	1,888	1,922	1,796	1,711	1,609	1,382	1,391
1981 .....	1,310	1,358	1,359	1,330	1,344	1,318	1,271	1,309	1,386	1,541	1,702	1,921
1982 .....	1,871	1,820	1,901	1,996	1,959	2,109	2,163	2,227	2,520	2,476	2,456	2,335
1983 .....	2,151	2,084	2,005	1,979	1,958	1,841	1,735	1,660	1,562	1,392	1,321	1,283
Unemployed job leavers												
1979 .....	943	863	910	860	891	879	876	904	867	860	871	840
1980 .....	819	847	839	933	925	930	899	941	898	888	932	841
1981 .....	921	888	899	874	988	916	944	899	939	974	919	906
1982 .....	829	928	876	904	870	841	831	836	784	787	790	826
1983 .....	826	830	888	816	808	799	752	799	858	866	868	855
Unemployed reentrants												
1979 .....	1,761	1,821	1,810	1,773	1,749	1,818	1,806	1,859	1,866	1,776	1,769	1,869
1980 .....	1,835	1,847	1,857	1,946	1,967	1,906	1,925	1,971	1,952	2,039	1,957	1,930
1981 .....	2,058	2,026	2,096	2,032	2,096	2,049	2,055	2,018	2,073	2,176	2,346	2,228
1982 .....	2,083	2,285	2,285	2,348	2,427	2,389	2,485	2,412	2,443	2,242	2,576	2,684
1983 .....	2,557	2,505	* 2,460	2,491	2,404	2,436	2,415	2,479	2,362	2,322	2,250	2,246
Unemployed new entrants												
1979 .....	844	876	831	819	830	809	726	763	828	819	756	898
1980 .....	838	848	837	765	888	884	932	882	871	897	930	892
1981 .....	1,031	953	1,016	1,003	955	962	914	945	946	994	1,011	1,029
1982 .....	1,077	1,119	1,081	1,099	1,155	1,069	1,223	1,292	1,279	1,300	1,242	1,282
1983 .....	1,199	1,188	1,182	1,251	1,246	1,412	1,229	1,214	1,234	1,127	1,154	1,150
Unemployed less than 5 weeks												
1979 .....	2,791	2,899	2,843	2,938	2,773	2,947	2,890	3,296	2,946	3,039	3,030	3,013
1980 .....	3,211	3,135	3,096	3,376	3,757	3,403	3,461	3,425	3,149	3,238	3,148	3,100
1981 .....	3,304	3,289	3,329	3,195	3,408	3,327	3,331	3,324	3,482	3,663	3,811	3,942
1982 .....	3,882	3,809	3,918	3,979	3,912	3,579	3,987	3,899	3,947	3,881	3,961	3,898
1983 .....	3,600	3,732	3,535	3,595	3,568	3,630	3,529	3,633	3,740	3,504	3,328	3,382
Unemployed 5 to 14 weeks												
1979 .....	2,003	1,964	1,935	1,908	1,897	1,816	1,982	1,820	2,054	2,011	1,883	2,033
1980 .....	2,062	2,198	2,271	2,386	2,611	2,880	2,834	2,645	2,613	2,540	2,493	2,236
1981 .....	2,338	2,413	2,434	2,443	2,596	2,412	2,416	2,455	2,525	2,650	2,799	2,996
1982 .....	3,088	3,116	3,120	3,244	3,312	3,435	3,330	3,280	3,510	3,458	3,485	3,419
1983 .....	3,331	3,169	3,173	3,139	3,012	2,950	2,841	2,951	2,784	2,725	2,616	2,504
Unemployed 15 weeks and over												
1979 .....	1,250	1,297	1,365	1,272	1,239	1,171	1,123	1,203	1,172	1,219	1,239	1,277
1980 .....	1,354	1,357	1,452	1,693	1,738	1,758	1,998	2,167	2,309	2,308	2,332	2,407
1981 .....	2,390	2,338	2,288	2,236	2,217	2,245	2,174	2,247	2,264	2,307	2,346	2,375
1982 .....	2,397	2,748	2,949	3,102	3,259	3,449	3,589	3,710	3,907	4,201	4,485	4,660
1983 .....	4,623	4,613	4,587	4,396	4,510	4,486	4,398	4,078	3,889	3,655	3,527	3,369
Unemployed 15 to 26 weeks												
1979 .....	717	745	773	723	719	650	653	669	640	689	688	733
1980 .....	804	849	831	1,003	1,020	989	1,114	1,241	1,341	1,246	1,196	1,257
1981 .....	1,124	1,096	1,054	1,104	1,088	1,128	1,085	1,090	1,144	1,171	1,199	1,199
1982 .....	1,215	1,480	1,598	1,602	1,647	1,646	1,769	1,859	1,864	1,951	2,131	2,077
1983 .....	1,954	1,928	1,861	1,691	1,774	1,593	1,794	1,597	1,383	1,372	1,337	1,284

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**7. Unemployed persons by reason for and duration of unemployment—Continued**

(Numbers in thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
/ Unemployed 27 weeks and over												
1979 .....	533	552	592	549	520	521	470	534	532	530	551	544
1980 .....	550	508	621	690	718	769	884	926	968	1,062	1,136	1,150
1981 .....	1,266	1,242	1,214	1,132	1,149	1,117	1,089	1,157	1,120	1,136	1,147	1,176
1982 .....	1,182	1,268	1,351	1,500	1,612	1,803	1,820	1,851	2,043	2,250	2,354	2,583
1983 .....	2,669	2,685	2,726	2,705	2,736	2,893	2,604	2,481	2,506	2,283	2,190	2,085
Average duration in weeks												
1979 .....	11.1	11.2	11.7	11.0	11.1	10.4	10.3	10.6	10.5	10.5	10.6	10.8
1980 .....	10.4	10.6	11.0	11.3	10.8	11.5	11.8	12.4	12.9	13.2	13.6	13.8
1981 .....	14.3	14.1	14.0	13.8	13.4	13.9	13.9	14.3	13.6	13.5	13.3	13.2
1982 .....	13.4	14.1	14.0	14.4	14.8	16.0	15.4	16.1	16.6	17.2	17.4	18.4
1983 .....	19.4	19.1	19.2	19.2	20.2	21.4	21.3	19.9	20.2	20.1	20.2	19.6
Median duration in weeks												
1979 .....	5.9	5.9	5.9	5.4	5.6	5.6	5.9	4.8	5.5	5.5	5.3	5.7
1980 .....	5.3	5.8	6.0	5.8	5.7	6.3	7.0	7.5	7.7	7.5	7.7	7.5
1981 .....	7.4	7.2	7.1	7.4	6.9	6.3	7.0	7.3	6.9	6.8	6.9	7.0
1982 .....	7.2	7.5	7.7	8.1	8.4	9.1	8.4	8.8	9.6	9.8	10.1	10.4
1983 .....	11.3	9.8	10.4	10.8	11.9	10.8	10.1	9.4	9.4	9.5	9.4	9.0

8. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, including resident Armed Forces, total												
1979	5.8	5.8	5.8	5.7	5.5	5.6	5.6	5.9	5.8	5.9	5.8	5.9
1980	6.2	6.2	6.2	6.8	7.3	7.4	7.7	7.6	7.4	7.4	7.3	7.1
1981	7.4	7.3	7.2	7.1	7.3	7.3	7.2	7.3	7.5	7.8	8.1	8.4
1982	8.5	8.7	8.9	9.2	9.2	9.4	9.7	9.7	10.0	10.3	10.6	10.6
1983	10.3	10.2	10.2	10.1	9.9	9.8	9.3	9.3	9.1	8.7	8.3	8.1
Unemployment rate, including resident Armed Forces, men												
1979	5.0	5.0	5.0	5.0	4.7	4.7	5.0	5.1	5.1	5.1	5.2	5.2
1980	5.7	5.6	5.8	6.5	7.2	7.4	7.7	7.5	7.5	7.3	7.1	6.7
1981	7.1	7.1	6.9	6.8	7.0	7.1	6.7	7.0	7.1	7.5	7.9	8.4
1982	8.5	8.6	8.9	9.2	9.2	9.6	9.8	9.9	10.4	10.6	10.9	10.8
1983	10.4	10.5	10.4	10.5	10.3	9.9	9.6	9.6	9.3	8.9	8.4	8.1
Unemployment rate, including resident Armed Forces, women												
1979	6.9	6.9	6.8	6.8	6.7	6.8	6.6	7.1	6.7	6.9	6.7	6.8
1980	6.9	7.0	6.9	7.2	7.5	7.5	7.7	7.7	7.3	7.7	7.6	7.6
1981	7.7	7.7	7.7	7.6	7.7	7.7	7.7	7.7	8.1	8.3	8.4	8.4
1982	8.5	8.9	8.9	9.3	9.3	9.1	9.6	9.5	9.5	9.8	10.2	10.2
1983	10.0	9.9	9.8	9.6	9.5	9.7	8.9	9.0	8.8	8.5	8.1	8.0
Unemployment rate, all civilian workers												
1979	5.9	5.9	5.8	5.8	5.6	5.7	5.7	6.0	5.9	6.0	5.9	6.0
1980	6.3	6.3	6.3	6.9	7.4	7.6	7.8	7.7	7.5	7.5	7.5	7.2
1981	7.5	7.4	7.4	7.2	7.4	7.4	7.3	7.4	7.6	7.9	8.3	8.5
1982	8.6	8.9	9.0	9.4	9.4	9.5	9.9	9.9	10.2	10.4	10.7	10.7
1983	10.4	10.4	10.3	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2
Unemployment rate, men												
1979	5.1	5.2	5.1	5.1	4.8	4.9	5.1	5.2	5.2	5.3	5.3	5.3
1980	5.8	5.7	5.9	6.7	7.3	7.6	7.8	7.7	7.6	7.4	7.3	6.9
1981	7.3	7.3	7.1	6.9	7.2	7.2	6.9	7.2	7.2	7.7	8.1	8.6
1982	8.7	8.8	9.1	9.4	9.4	9.8	10.1	10.1	10.6	10.9	11.1	11.1
1983	10.7	10.8	10.7	10.7	10.5	10.1	9.9	9.8	9.6	9.1	8.6	8.3
Unemployment rate, women												
1979	6.9	6.9	6.8	6.8	6.7	6.8	6.6	7.1	6.7	6.9	6.7	6.8
1980	6.9	7.0	6.9	7.2	7.6	7.5	7.8	7.8	7.3	7.7	7.6	7.6
1981	7.8	7.7	7.7	7.7	7.8	7.7	7.8	7.7	8.1	8.3	8.4	8.4
1982	8.5	8.9	8.9	9.3	9.3	9.1	9.6	9.5	9.6	9.8	10.2	10.2
1983	10.0	9.9	9.9	9.6	9.5	9.8	9.0	9.1	8.8	8.5	8.2	8.1
Unemployment rate, both sexes, 16 to 19 years												
1979	16.1	16.1	15.9	16.3	16.1	15.7	15.6	16.5	16.5	16.5	15.9	16.2
1980	16.5	16.7	16.3	16.2	18.6	18.7	19.1	18.9	18.0	18.4	18.4	17.6
1981	19.1	19.3	19.3	18.8	19.1	19.5	18.6	18.8	19.7	20.4	21.4	21.3
1982	22.0	22.6	21.9	22.8	22.9	22.5	24.0	23.6	23.7	23.9	24.1	24.3
1983	23.1	22.7	23.6	23.4	23.0	23.6	22.7	22.8	21.8	21.6	20.2	20.1
Unemployment rate, men, 16 to 19 years												
1979	16.2	16.3	16.3	16.2	15.7	14.7	15.4	16.0	16.3	15.8	15.7	15.6
1980	16.3	16.0	15.4	16.3	19.0	19.6	19.9	19.7	19.0	20.0	19.5	18.5
1981	20.3	20.3	19.6	19.3	19.7	20.4	19.0	19.4	19.8	20.0	21.7	22.2
1982	22.6	22.9	23.2	24.1	23.7	24.5	25.3	24.7	25.2	25.3	25.6	25.7
1983	24.3	24.0	25.1	24.4	23.9	24.0	23.8	24.3	22.8	22.5	20.2	20.4
Unemployment rate, women, 16 to 19 years												
1979	16.0	15.8	15.5	16.5	16.5	16.8	15.8	17.1	16.8	17.3	16.1	16.9
1980	16.7	17.4	17.3	16.1	18.2	17.6	18.1	18.0	16.9	16.6	17.2	16.7
1981	17.8	18.3	18.8	18.4	18.5	18.5	18.2	18.1	19.7	20.8	21.0	20.2
1982	21.3	22.3	20.5	21.3	21.9	20.4	22.6	22.4	22.1	22.3	22.5	22.8
1983	21.8	21.3	21.9	22.3	22.0	23.1	21.5	21.1	20.6	20.5	20.1	19.8

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**8. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, both sexes, 20 years and over												
1979	4.8	4.9	4.8	4.8	4.6	4.7	4.7	5.0	4.8	4.9	4.9	4.9
1980	5.3	5.2	5.3	6.0	6.3	6.5	6.7	6.7	6.5	6.5	6.4	6.2
1981	6.4	6.3	6.2	6.2	6.4	6.4	6.3	6.4	6.5	6.8	7.1	7.4
1982	7.5	7.7	7.9	8.2	8.2	8.5	8.7	8.7	9.1	9.3	9.6	9.6
1983	9.4	9.4	9.3	9.2	9.1	8.9	8.4	8.4	8.2	7.9	7.5	7.3
Unemployment rate, men, 20 years and over												
1979	4.1	4.1	4.1	4.1	3.8	4.0	4.1	4.2	4.2	4.3	4.4	4.3
1980	4.9	4.8	5.1	5.8	6.3	6.5	6.8	6.7	6.6	6.3	6.3	5.9
1981	6.1	6.1	6.0	5.9	6.1	6.2	5.9	6.2	6.2	6.7	7.0	7.5
1982	7.6	7.7	8.0	8.2	8.2	8.7	9.0	9.0	9.5	9.8	10.0	10.0
1983	9.7	9.8	9.6	9.7	9.5	9.1	8.8	8.7	8.6	8.2	7.8	7.4
Unemployment rate, women, 20 years and over												
1979	5.8	5.9	5.8	5.7	5.6	5.7	5.5	6.0	5.6	5.7	5.6	5.7
1980	5.8	5.9	5.7	6.3	6.4	6.5	6.7	6.7	6.3	6.7	6.6	6.7
1981	6.7	6.6	6.5	6.6	6.7	6.6	6.7	6.7	7.0	7.1	7.2	7.3
1982	7.3	7.6	7.9	8.2	8.2	8.1	8.4	8.3	8.4	8.7	9.1	9.1
1983	9.0	8.9	8.8	8.5	8.5	8.6	7.9	8.0	7.8	7.5	7.2	7.1
Unemployment rate, both sexes, 20 to 24 years												
1979	8.8	9.0	9.0	8.7	8.9	8.9	9.1	9.6	9.4	9.5	9.0	10.0
1980	10.2	10.0	9.9	11.2	12.4	12.2	12.4	12.3	12.2	12.3	12.1	11.6
1981	11.9	11.8	11.7	11.9	12.7	12.2	11.7	12.1	12.3	12.6	12.9	13.5
1982	13.5	13.9	14.1	14.6	14.4	14.6	14.9	15.2	15.4	15.8	16.4	16.1
1983	16.0	16.1	15.4	15.4	15.5	14.5	13.9	14.4	13.8	13.6	13.0	12.2
Unemployment rate, men, 20 to 24 years												
1979	8.5	8.5	8.5	8.1	8.3	8.4	9.0	8.9	9.0	9.3	8.5	9.9
1980	10.5	10.4	10.6	12.2	13.4	13.6	13.6	13.8	13.6	13.7	13.1	12.3
1981	12.8	12.7	12.8	12.9	14.0	13.0	11.8	13.0	13.1	13.7	14.3	14.7
1982	14.9	15.2	15.5	15.9	15.6	16.1	16.3	16.6	17.4	17.4	18.1	17.9
1983	17.6	17.6	16.6	17.0	17.3	15.9	15.8	15.7	15.0	14.7	13.8	13.3
Unemployment rate, women, 20 to 24 years												
1979	9.2	9.5	9.6	9.4	9.6	9.5	9.3	10.4	9.8	9.6	9.5	10.1
1980	9.9	9.4	9.2	10.2	11.2	10.6	11.0	10.4	10.4	10.6	10.9	10.7
1981	10.9	10.7	10.4	10.8	11.3	11.3	11.5	11.1	11.5	11.4	11.2	12.1
1982	11.9	12.5	12.5	13.1	13.0	13.0	13.2	13.6	13.0	13.9	14.4	14.1
1983	14.2	14.3	14.1	13.6	13.4	12.9	11.7	12.8	12.5	12.3	12.0	11.0
Unemployment rate, both sexes, 25 years and over												
1979	4.0	4.0	4.0	4.0	3.7	3.8	3.8	4.1	3.9	4.0	4.1	3.9
1980	4.3	4.3	4.5	5.0	5.2	5.4	5.6	5.6	5.4	5.4	5.3	5.2
1981	5.3	5.3	5.2	5.0	5.2	5.2	5.2	5.3	5.4	5.7	6.0	6.3
1982	6.3	6.5	6.8	7.0	7.1	7.3	7.5	7.5	7.9	8.1	8.3	8.4
1983	8.1	8.2	8.1	8.0	7.9	7.9	7.4	7.3	7.2	6.8	6.5	6.4
Unemployment rate, men, 25 years and over												
1979	3.3	3.3	3.3	3.3	3.0	3.1	3.3	3.4	3.3	3.4	3.6	3.4
1980	3.8	3.8	4.1	4.7	5.0	5.2	5.5	5.4	5.4	5.0	5.0	4.8
1981	4.9	5.0	4.8	4.6	4.7	4.9	4.8	4.9	5.0	5.4	5.7	6.3
1982	6.3	6.4	6.7	6.9	7.0	7.5	7.7	7.7	8.2	8.5	8.6	8.7
1983	8.3	8.5	8.4	8.4	8.2	7.9	7.6	7.5	7.5	7.0	6.8	6.5
Unemployment rate, women, 25 years and over												
1979	5.0	5.1	5.0	4.9	4.7	4.8	4.7	5.0	4.7	4.9	4.8	4.7
1980	4.9	5.1	5.0	5.4	5.4	5.6	5.7	5.9	5.4	5.9	5.7	5.8
1981	5.8	5.7	5.8	5.6	5.7	5.7	5.7	5.7	6.0	6.2	6.4	6.4
1982	6.3	6.6	6.9	7.2	7.2	7.1	7.4	7.2	7.5	7.6	7.9	8.1
1983	8.0	7.8	7.7	7.5	7.5	7.8	7.1	7.0	6.9	6.5	6.2	6.3

8. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, both sexes, 25 to 54 years												
1979 .....	4.3	4.2	4.2	4.2	3.9	4.0	4.0	4.3	4.1	4.2	4.3	4.2
1980 .....	4.5	4.6	4.9	5.4	5.7	5.8	6.0	6.1	5.9	5.9	5.7	5.6
1981 .....	5.7	5.6	5.6	5.4	5.6	5.6	5.5	5.6	5.8	6.1	6.5	6.8
1982 .....	6.8	6.9	7.3	7.4	7.6	7.7	8.0	8.0	8.5	8.7	8.9	9.0
1983 .....	8.7	8.7	8.7	8.5	8.5	8.3	7.9	7.8	7.7	7.2	6.9	6.8
Unemployment rate, men, 25 to 54 years												
1979 .....	3.4	3.4	3.4	3.4	3.1	3.2	3.3	3.5	3.5	3.6	3.8	3.5
1980 .....	3.9	4.0	4.4	5.0	5.4	5.5	5.9	5.8	5.9	5.4	5.4	5.2
1981 .....	5.3	5.3	5.2	4.9	5.1	5.2	5.1	5.3	5.4	5.8	6.2	6.7
1982 .....	6.8	6.8	7.1	7.3	7.5	8.0	8.2	8.2	8.9	9.0	9.2	9.2
1983 .....	8.8	9.0	9.0	8.9	8.8	8.4	8.1	8.0	8.0	7.4	7.1	6.7
Unemployment rate, women, 25 to 54 years												
1979 .....	5.5	5.4	5.3	5.3	5.1	5.2	5.0	5.4	5.1	5.2	5.1	5.2
1980 .....	5.3	5.5	5.5	5.9	6.0	6.1	6.2	6.4	5.9	6.4	6.1	6.2
1981 .....	6.3	6.1	6.1	6.0	6.3	6.1	6.2	6.1	6.4	6.6	6.8	6.9
1982 .....	6.7	7.1	7.4	7.6	7.7	7.4	7.8	7.7	8.0	8.2	8.5	8.8
1983 .....	8.6	8.3	8.3	8.0	8.1	8.1	7.6	7.5	7.3	7.0	6.6	6.8
Unemployment rate, both sexes, 25 to 34 years												
1979 .....	5.4	5.4	5.3	5.1	4.9	5.0	5.0	5.3	4.9	5.1	5.4	5.2
1980 .....	5.6	5.8	6.2	7.0	7.3	7.4	7.6	7.5	7.6	7.5	7.2	7.1
1981 .....	7.2	7.0	6.9	6.8	7.3	6.9	7.0	7.1	7.2	7.6	8.0	8.4
1982 .....	8.3	8.5	8.9	9.4	9.4	9.9	10.1	9.9	10.6	10.6	10.7	11.0
1983 .....	10.6	10.7	10.8	10.2	10.0	9.9	9.3	9.4	9.2	8.7	8.5	8.3
Unemployment rate, men, 25 to 34 years												
1979 .....	4.3	4.4	4.5	4.2	3.9	3.8	4.1	4.5	4.1	4.2	4.8	4.5
1980 .....	5.1	5.0	5.8	6.8	7.2	7.3	7.7	7.5	7.9	7.3	7.0	6.6
1981 .....	6.8	6.7	6.5	6.3	6.7	6.6	6.4	6.7	6.8	7.4	7.9	8.6
1982 .....	8.5	8.7	9.0	9.5	9.5	10.3	10.6	10.3	11.1	11.2	11.2	11.6
1983 .....	11.1	11.3	11.4	10.9	10.6	10.2	9.8	9.8	9.6	9.0	8.8	8.3
Unemployment rate, women, 25 to 34 years												
1979 .....	7.0	6.9	6.6	6.4	6.2	6.6	6.3	6.5	6.2	6.4	6.4	6.2
1980 .....	6.3	6.8	6.8	7.2	7.3	7.5	7.4	7.6	7.1	7.7	7.4	7.7
1981 .....	7.8	7.4	7.4	7.4	8.2	7.4	7.7	7.5	7.7	7.9	8.2	8.2
1982 .....	7.9	8.1	8.7	9.2	9.4	9.3	9.6	9.3	9.8	9.9	10.1	10.2
1983 .....	10.1	9.9	9.9	9.4	9.3	9.5	8.7	8.8	8.7	8.4	8.3	8.3
Unemployment rate, both sexes, 35 to 44 years												
1979 .....	3.7	3.5	3.4	3.5	3.4	3.4	3.3	3.8	3.8	3.7	3.7	3.7
1980 .....	3.9	4.0	4.1	4.4	4.8	4.8	5.2	5.3	4.8	4.8	4.6	4.7
1981 .....	4.8	4.9	5.0	4.9	4.5	4.8	4.6	4.6	5.1	5.3	5.6	6.0
1982 .....	6.0	6.1	6.3	6.4	6.6	6.6	6.8	7.1	7.2	7.6	8.0	8.3
1983 .....	7.7	7.7	7.5	7.5	7.6	7.5	7.3	6.9	6.9	6.3	5.7	5.5
Unemployment rate, men, 35 to 44 years												
1979 .....	2.9	2.6	2.6	2.8	2.5	2.6	2.7	2.9	3.2	3.1	3.3	3.1
1980 .....	3.3	3.5	3.4	3.8	4.4	4.4	4.8	4.9	4.5	4.2	3.9	4.1
1981 .....	4.2	4.6	4.6	4.5	4.0	4.2	4.1	4.0	4.4	4.8	5.2	5.7
1982 .....	5.8	5.7	6.1	6.1	6.5	6.8	6.9	7.3	7.6	7.8	8.2	8.2
1983 .....	7.7	7.7	7.4	7.7	7.7	7.5	7.3	7.0	7.2	6.5	5.8	5.4
Unemployment rate, women, 35 to 44 years												
1979 .....	5.0	4.7	4.6	4.4	4.6	4.6	4.2	5.0	4.6	4.6	4.3	4.6
1980 .....	4.7	4.8	4.9	5.1	5.3	5.3	5.7	5.9	5.2	5.7	5.5	5.6
1981 .....	5.6	5.3	5.5	5.6	5.2	5.6	5.3	5.4	5.9	6.0	6.2	6.3
1982 .....	6.2	6.8	6.6	6.8	6.9	6.4	6.7	7.0	6.8	7.3	7.7	8.4
1983 .....	7.8	7.7	7.6	7.2	7.5	7.4	7.1	6.7	6.4	6.0	5.6	5.7



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**8. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, both sexes, 45 to 54 years												
1979 .....	3.1	3.3	3.3	3.5	3.0	3.1	3.1	3.1	3.2	3.3	3.2	3.1
1980 .....	3.4	3.4	3.5	3.8	3.9	4.1	4.4	4.4	4.3	4.3	4.5	4.1
1981 .....	4.1	4.1	4.0	3.5	3.9	4.2	4.2	4.3	4.2	4.5	4.6	5.0
1982 .....	5.0	5.0	5.5	5.2	5.5	5.2	5.8	5.6	6.5	6.5	6.7	6.5
1983 .....	6.5	6.5	6.5	6.7	6.7	6.4	6.0	6.1	6.0	5.7	5.3	5.6
Unemployment rate, men, 45 to 54 years												
1979 .....	2.7	2.8	2.7	2.9	2.5	2.8	2.7	2.7	2.7	3.1	2.7	2.5
1980 .....	2.8	2.9	3.1	3.3	3.6	3.8	4.1	4.1	4.0	3.8	4.4	3.9
1981 .....	3.9	3.7	3.7	3.2	3.7	4.0	4.0	4.2	4.0	4.2	4.3	4.8
1982 .....	4.8	4.7	5.0	4.9	5.4	5.3	5.7	5.6	6.7	6.6	6.7	6.4
1983 .....	6.4	6.8	6.6	6.9	6.8	6.3	6.0	6.0	6.1	5.8	5.7	5.7
Unemployment rate, women, 45 to 54 years												
1979 .....	3.6	4.0	4.1	4.3	3.9	3.7	3.7	3.8	3.9	3.8	3.9	4.0
1980 .....	4.3	4.2	4.1	4.4	4.4	4.7	4.8	4.9	4.7	5.0	4.7	4.4
1981 .....	4.4	4.6	4.4	4.0	4.3	4.4	4.6	4.5	4.5	4.9	5.1	5.2
1982 .....	5.3	5.5	6.0	5.7	5.7	5.0	5.9	5.7	6.2	6.3	6.6	6.5
1983 .....	6.7	6.0	6.3	6.4	6.6	6.4	6.0	6.1	5.8	5.5	4.8	5.4
Unemployment rate, both sexes, 55 years and over												
1979 .....	2.9	3.1	3.2	3.0	3.1	2.9	3.1	3.1	2.9	3.1	2.9	2.8
1980 .....	3.4	2.9	2.8	3.3	3.4	3.3	3.4	3.4	3.5	3.3	3.4	3.5
1981 .....	3.5	3.6	3.7	3.3	3.4	3.3	3.5	3.5	3.9	3.9	3.7	4.2
1982 .....	4.2	4.4	4.6	4.8	4.9	5.1	5.2	5.2	5.2	5.5	5.6	5.7
1983 .....	5.4	5.4	5.4	5.5	5.3	5.5	5.3	5.1	5.2	5.0	4.9	4.9
Unemployment rate, men, 55 years and over												
1979 .....	2.8	2.9	2.9	2.9	2.8	2.9	3.1	2.9	2.9	2.9	2.8	2.7
1980 .....	3.3	2.8	2.8	3.3	3.4	3.5	3.7	3.7	3.6	3.3	3.3	3.2
1981 .....	3.4	3.4	3.2	3.1	3.4	3.4	3.5	3.4	3.6	3.7	3.7	4.3
1982 .....	4.3	4.4	4.7	4.9	4.7	5.0	5.0	5.6	5.4	6.0	6.0	6.2
1983 .....	5.8	5.8	5.8	6.1	5.8	5.5	5.5	5.4	5.6	5.4	5.4	5.4
Unemployment rate, women, 55 years and over												
1979 .....	3.2	3.4	3.5	3.1	3.5	2.9	3.1	3.3	3.0	3.4	3.0	2.9
1980 .....	3.4	3.0	2.8	3.2	3.4	2.9	3.0	3.1	3.3	3.4	3.5	3.8
1981 .....	3.7	3.9	4.3	3.6	3.4	3.2	3.5	3.6	4.4	4.1	3.9	3.9
1982 .....	4.1	4.3	4.5	4.8	5.0	5.2	5.5	4.7	4.9	4.8	5.0	5.1
1983 .....	4.9	4.9	4.8	4.6	4.7	5.5	5.1	4.7	4.5	4.4	4.1	4.3
Unemployment rate, both sexes, 55 to 64 years												
1979 .....	2.8	2.9	3.0	2.9	3.0	2.8	3.2	3.0	2.7	3.0	2.9	2.8
1980 .....	3.4	2.8	2.9	3.3	3.5	3.4	3.4	3.5	3.6	3.4	3.5	3.6
1981 .....	3.6	3.7	3.8	3.3	3.4	3.3	3.6	3.7	4.2	3.9	3.9	4.3
1982 .....	4.6	4.7	4.9	5.1	5.2	5.7	5.8	5.5	5.5	5.8	5.9	6.1
1983 .....	5.8	5.8	5.9	6.0	5.7	5.9	5.6	5.5	5.4	5.5	5.3	5.2
Unemployment rate, men, 55 to 64 years												
1979 .....	2.7	2.7	2.6	2.6	2.6	2.8	3.2	2.8	2.5	2.7	2.9	2.7
1980 .....	3.3	2.8	3.0	3.3	3.5	3.6	3.6	3.7	3.8	3.5	3.3	3.4
1981 .....	3.5	3.5	3.4	3.2	3.6	3.5	3.7	3.7	3.8	3.8	3.9	4.4
1982 .....	4.7	4.8	5.0	5.1	5.1	5.7	5.5	5.9	5.7	6.3	6.3	6.6
1983 .....	6.2	6.1	6.4	6.7	6.2	5.9	5.9	5.7	5.9	6.0	5.9	5.8
Unemployment rate, women, 55 to 64 years												
1979 .....	3.1	3.1	3.4	3.2	3.5	2.9	3.1	3.2	3.1	3.5	3.0	2.9
1980 .....	3.5	2.8	2.7	3.3	3.6	3.0	3.0	3.2	3.3	3.4	3.7	4.0
1981 .....	3.7	3.9	4.5	3.5	3.2	3.0	3.5	3.7	4.7	4.0	4.0	4.2
1982 .....	4.5	4.7	4.9	5.1	5.3	5.8	6.2	5.0	5.3	5.1	5.3	5.4
1983 .....	5.2	5.4	5.3	5.0	5.0	5.9	5.3	5.1	4.6	4.7	4.4	4.4

8. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, both sexes, 65 years and over												
1979	3.4	3.9	3.9	3.4	3.4	3.1	3.1	3.4	3.6	3.4	2.6	3.0
1980	3.3	3.2	2.6	3.0	3.1	3.0	3.7	3.4	3.0	2.8	3.1	2.9
1981	3.2	3.4	3.1	3.1	3.2	3.4	3.0	2.8	2.8	3.7	3.1	3.5
1982	2.7	2.8	3.4	3.7	3.7	2.6	3.1	3.9	4.0	4.2	4.4	4.2
1983	4.1	3.9	3.3	3.6	3.9	3.9	4.1	3.7	4.5	2.9	3.3	3.8
Unemployment rate, men, 65 years and over												
1979	3.3	3.6	3.9	3.9	3.5	3.3	3.0	3.2	4.1	3.8	2.5	2.9
1980	3.5	2.9	2.0	3.1	3.2	3.4	4.0	3.7	2.9	2.5	3.3	2.6
1981	3.0	3.2	2.7	2.6	2.7	2.9	2.9	2.4	2.5	3.4	2.7	4.1
1982	2.8	2.9	3.7	3.9	3.4	2.3	3.2	4.2	4.6	4.8	4.9	4.6
1983	4.4	4.5	3.6	3.9	4.3	4.0	3.9	4.1	4.6	2.8	3.4	3.8
Unemployment rate, women, 65 years and over												
1979	3.7	4.3	3.9	2.7	3.2	2.8	3.3	3.6	2.8	2.8	2.8	3.1
1980	3.1	3.9	3.4	2.8	2.9	2.5	3.2	2.9	3.1	3.4	2.8	3.3
1981	3.5	3.7	3.8	3.9	4.1	4.0	3.3	3.5	3.3	4.2	3.5	2.5
1982	2.5	2.7	2.8	3.4	4.1	3.0	2.9	3.4	3.2	3.3	3.6	3.7
1983	3.6	2.9	2.7	3.1	3.2	3.8	4.3	3.1	4.4	3.1	3.1	3.8
Unemployment rate, white workers												
1979	5.1	5.1	5.1	5.0	4.8	4.9	4.9	5.3	5.2	5.2	5.2	5.2
1980	5.5	5.5	5.6	6.1	6.6	6.7	6.9	6.9	6.6	6.6	6.5	6.3
1981	6.7	6.6	6.5	6.4	6.5	6.5	6.3	6.3	6.6	6.9	7.3	7.6
1982	7.6	7.8	8.0	8.3	8.2	8.4	8.8	8.7	9.0	9.2	9.6	9.6
1983	9.1	9.2	9.1	8.9	8.8	8.6	8.2	8.2	8.0	7.7	7.3	7.1
Unemployment rate, white men												
1979	4.5	4.4	4.4	4.4	4.1	4.2	4.4	4.6	4.6	4.6	4.7	4.7
1980	5.0	5.0	5.2	6.0	6.5	6.8	7.0	6.9	6.7	6.6	6.5	6.1
1981	6.5	6.5	6.4	6.1	6.3	6.3	6.0	6.2	6.3	6.8	7.2	7.7
1982	7.7	7.8	8.0	8.3	8.3	8.7	9.1	9.1	9.4	9.7	10.0	10.0
1983	9.4	9.6	9.5	9.4	9.2	8.8	8.6	8.6	8.4	8.1	7.6	7.4
Unemployment rate, white women												
1979	6.0	6.0	6.0	5.9	5.8	5.9	5.7	6.2	5.9	6.0	5.9	6.0
1980	6.1	6.2	6.0	6.3	6.6	6.7	6.8	6.9	6.5	6.7	6.6	6.6
1981	7.0	6.7	6.6	6.7	6.8	6.7	6.8	6.5	7.0	7.1	7.3	7.4
1982	7.5	7.8	7.9	8.2	8.2	8.0	8.4	8.2	8.4	8.7	9.0	9.2
1983	8.8	8.6	8.5	8.2	8.2	8.4	7.7	7.7	7.5	7.1	6.9	6.7
Unemployment rate, white workers, 16 to 19 years												
1979	13.9	13.7	13.8	13.8	13.5	13.3	13.7	14.7	14.6	14.3	13.9	14.1
1980	14.2	14.0	14.1	14.4	16.4	16.6	16.8	17.0	15.4	16.2	16.3	15.2
1981	16.7	17.2	16.9	16.7	17.1	17.1	16.5	16.1	17.5	17.6	19.0	19.0
1982	19.7	20.0	19.1	20.4	19.9	19.7	20.9	20.5	20.7	21.3	21.3	21.6
1983	20.3	20.1	21.1	20.3	19.9	20.1	19.4	19.5	18.2	18.5	17.2	17.0
Unemployment rate, white men, 16 to 19 years												
1979	14.0	14.2	14.1	14.1	13.7	12.6	13.6	14.7	14.6	13.9	14.0	13.6
1980	14.2	13.7	13.4	14.8	17.1	18.0	17.9	17.9	16.3	17.6	17.6	15.8
1981	17.5	18.1	17.8	17.0	17.6	18.1	16.7	16.5	17.8	17.7	19.7	20.1
1982	20.8	20.5	20.2	21.8	21.0	21.7	22.5	22.1	22.2	22.6	22.7	22.8
1983	21.5	21.4	22.8	21.4	20.4	20.4	20.3	20.7	18.9	19.8	17.6	17.5
Unemployment rate, white women, 16 to 19 years												
1979	13.8	13.3	13.4	13.6	13.3	14.2	13.7	14.7	14.5	14.7	13.8	14.6
1980	14.1	14.3	14.8	13.9	15.6	15.0	15.5	16.0	14.3	14.6	14.8	14.6
1981	15.7	16.3	15.8	16.3	16.5	16.0	16.2	15.6	17.3	17.5	18.3	17.6
1982	18.4	19.4	17.8	18.9	18.6	17.6	19.1	18.7	19.1	19.9	19.8	20.4
1983	19.0	18.7	19.6	19.1	19.4	19.7	18.4	18.2	17.4	16.9	16.6	16.5

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**8. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, white workers, 20 years and over												
1979	4.2	4.2	4.2	4.1	3.9	4.0	4.1	4.3	4.2	4.3	4.3	4.3
1980	4.6	4.6	4.7	5.3	5.6	5.7	5.9	5.9	5.8	5.7	5.6	5.5
1981	5.7	5.6	5.5	5.4	5.6	5.5	5.4	5.4	5.6	5.9	6.2	6.6
1982	6.6	6.7	7.0	7.2	7.2	7.5	7.8	7.7	8.0	8.2	8.6	8.7
1983	8.2	8.3	8.1	8.0	7.9	7.7	7.3	7.3	7.2	6.9	6.5	8.3
Unemployment rate, white men, 20 years and over												
1979	3.6	3.5	3.5	3.5	3.3	3.4	3.6	3.7	3.7	3.8	3.8	3.8
1980	4.2	4.2	4.5	5.2	5.6	5.8	6.0	5.9	5.9	5.6	5.6	5.3
1981	5.5	5.5	5.4	5.2	5.4	5.4	5.1	5.3	5.4	5.9	6.2	6.7
1982	6.7	6.8	7.1	7.3	7.3	7.8	8.1	8.1	8.5	8.7	9.0	9.1
1983	8.5	8.8	8.5	8.5	8.4	7.9	7.7	7.7	7.7	7.3	6.9	6.7
Unemployment rate, white women, 20 years and over												
1979	5.0	5.1	5.1	4.9	4.9	4.9	4.7	5.2	5.0	5.0	4.9	5.0
1980	5.1	5.3	5.0	5.4	5.6	5.7	5.8	5.9	5.7	5.8	5.7	5.8
1981	6.0	5.7	5.6	5.7	5.8	5.7	5.8	5.6	5.9	6.1	6.3	6.4
1982	6.5	6.6	6.9	7.2	7.1	7.1	7.4	7.3	7.4	7.6	7.9	8.1
1983	7.9	7.7	7.5	7.3	7.2	7.4	8.8	6.7	6.6	6.3	6.0	5.9
Unemployment rate, black workers												
1979	12.4	13.1	12.5	12.9	12.4	12.2	12.1	12.4	11.7	12.3	11.9	12.2
1980	13.0	12.7	12.9	13.8	14.4	14.6	15.3	14.7	14.8	15.2	15.1	15.0
1981	14.4	14.7	15.1	14.7	14.8	15.5	15.0	16.3	16.0	16.8	16.9	17.3
1982	16.9	17.5	18.1	18.3	18.5	18.3	18.9	18.9	19.8	20.3	20.5	20.9
1983	20.7	19.8	20.1	20.7	20.3	20.3	19.6	19.8	18.9	18.3	17.7	17.8
Unemployment rate, black men												
1979	11.5	12.3	12.2	11.8	11.2	11.0	11.2	11.0	10.5	11.4	11.3	11.7
1980	13.0	12.7	12.5	13.8	14.4	15.2	16.0	15.6	16.2	15.3	15.0	14.7
1981	14.5	14.5	14.3	14.7	14.9	15.7	15.2	16.5	15.7	16.7	17.6	18.1
1982	18.1	18.4	19.1	19.2	19.2	19.7	19.6	19.7	21.5	22.0	21.9	23.0
1983	22.0	20.9	21.1	22.0	21.9	21.4	20.8	20.8	19.5	18.3	17.7	17.3
Unemployment rate, black women												
1979	13.4	13.9	12.8	14.1	13.7	13.6	13.0	13.8	13.0	13.3	12.5	12.7
1980	12.9	12.7	13.3	13.9	14.5	14.0	14.6	13.6	13.3	15.0	15.3	15.4
1981	14.2	14.9	15.9	14.8	14.8	15.3	14.9	16.2	16.2	16.8	16.2	16.4
1982	15.6	16.5	17.1	17.4	17.7	16.9	18.1	18.1	18.0	18.5	19.0	18.7
1983	19.3	18.7	19.0	19.2	18.8	19.2	18.3	18.6	18.3	18.3	17.8	18.2
Unemployment rate, black workers, 16 to 19 years												
1979	34.7	37.2	34.3	39.1	38.1	37.4	34.9	35.8	35.4	37.9	35.9	36.3
1980	38.2	39.6	37.3	35.8	38.1	36.5	38.8	38.6	39.9	39.8	38.0	40.5
1981	40.9	39.5	40.7	40.9	36.5	39.5	39.0	47.3	39.6	45.9	44.1	42.3
1982	43.1	44.2	47.5	48.2	49.6	50.5	49.4	49.5	47.6	47.4	50.1	49.1
1983	47.0	46.5	45.1	49.1	48.4	49.8	48.4	51.4	51.1	48.7	47.3	49.0
Unemployment rate, black men, 16 to 19 years												
1979	35.1	36.1	33.9	35.3	32.1	35.3	33.8	30.6	31.9	34.5	34.7	35.2
1980	36.7	37.1	34.5	32.8	35.1	34.6	37.5	39.6	39.2	40.4	37.2	42.0
1981	44.2	40.1	35.9	42.5	36.3	39.0	41.5	47.9	36.0	42.4	41.8	39.9
1982	40.0	43.4	49.0	49.1	48.8	55.8	49.2	47.4	48.9	49.6	53.5	52.1
1983	48.0	47.2	46.5	48.6	52.1	50.7	48.3	53.7	52.7	45.6	44.9	46.4
Unemployment rate, black women, 16 to 19 years												
1979	34.3	38.4	34.8	43.0	45.3	39.8	36.1	42.2	39.2	41.6	37.2	37.3
1980	39.9	42.1	40.3	38.9	41.7	38.7	40.3	37.6	40.7	39.1	39.2	38.6
1981	36.8	38.8	45.8	39.0	36.7	40.1	35.9	46.6	43.6	49.4	46.7	45.3
1982	46.6	45.0	45.7	47.2	50.6	44.4	49.7	51.9	46.1	45.0	46.3	45.8
1983	45.7	45.7	43.5	49.6	44.1	48.7	48.4	48.8	49.2	52.2	50.0	51.9

8. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, black workers, 20 years and over												
1979	10.3	10.7	10.4	10.3	10.0	9.9	10.0	10.2	9.6	10.0	9.7	10.0
1980	10.7	10.3	10.7	12.0	12.3	12.6	13.2	12.7	12.6	13.0	13.1	12.8
1981	11.9	12.5	12.8	12.3	12.9	13.6	13.1	13.9	14.1	14.3	14.7	15.2
1982	14.8	15.3	15.7	16.1	16.0	16.1	16.6	16.5	17.6	18.1	18.2	18.8
1983	18.7	17.9	18.3	18.5	18.2	17.9	17.4	17.3	16.5	16.1	15.6	15.5
Unemployment rate, black men, 20 years and over												
1979	9.2	9.9	10.0	9.4	9.2	8.7	9.2	9.1	8.6	9.3	9.2	9.7
1980	10.8	10.5	10.5	12.1	12.5	13.3	13.9	13.6	14.0	12.9	12.8	12.0
1981	11.5	12.1	12.4	12.0	12.9	13.8	12.9	13.8	14.0	14.6	15.5	16.2
1982	16.3	16.3	16.5	16.8	16.8	17.1	17.3	17.4	19.2	19.7	19.4	20.7
1983	19.9	18.8	19.1	20.0	19.5	18.9	18.6	18.2	16.9	16.3	15.6	15.1
Unemployment rate, black women, 20 years and over												
1979	11.4	11.5	10.8	11.1	10.6	11.2	10.9	11.4	10.7	10.7	10.2	10.4
1980	10.5	10.0	10.9	11.8	12.1	11.8	12.4	11.7	11.0	13.1	13.4	13.5
1981	12.2	12.9	13.3	12.7	13.0	13.4	13.3	14.0	14.1	14.0	13.8	14.3
1982	13.2	14.3	14.9	15.3	15.2	15.1	15.8	15.5	15.9	16.5	16.9	16.7
1983	17.4	16.9	17.4	16.9	17.0	16.9	16.2	16.4	16.1	15.9	15.6	15.9
Unemployment rate, Hispanic-origin workers												
1979	8.2	7.7	7.9	8.2	7.9	8.4	8.1	8.7	7.6	8.7	9.2	9.1
1980	8.8	9.0	9.4	10.1	10.2	10.2	10.8	10.7	11.3	10.7	10.1	9.8
1981	10.7	11.5	10.4	9.3	10.1	10.3	10.1	9.9	9.5	10.8	11.3	11.4
1982	11.9	12.3	12.4	12.7	13.8	13.6	14.1	14.7	14.5	15.2	15.3	15.5
1983	15.4	15.5	15.7	14.6	13.9	14.0	12.3	12.9	13.1	12.4	12.3	11.6
Unemployment rate, full-time workers												
1979	5.3	5.4	5.3	5.3	5.1	5.2	5.3	5.5	5.4	5.5	5.5	5.5
1980	5.8	5.8	5.9	6.6	7.2	7.3	7.6	7.5	7.3	7.3	7.3	7.1
1981	7.2	7.1	7.1	6.9	7.1	7.1	7.0	7.0	7.3	7.6	8.0	8.5
1982	8.4	8.5	8.9	9.2	9.2	9.5	9.7	9.7	10.1	10.4	10.6	10.7
1983	10.3	10.4	10.2	10.2	10.0	9.7	9.4	9.3	9.1	8.7	8.2	8.0
Unemployment rate, full-time workers, 16 to 19 years												
1979	16.1	16.5	16.3	18.9	16.2	15.0	15.6	16.7	17.8	17.1	16.7	17.1
1980	17.3	17.7	17.5	17.3	21.0	20.3	21.0	20.5	19.5	19.5	20.6	19.7
1981	21.0	20.3	21.0	20.6	21.2	21.6	20.4	19.4	21.1	22.0	22.5	24.4
1982	24.3	24.2	24.7	24.7	28.3	27.7	26.8	26.8	27.3	26.5	27.3	26.7
1983	25.7	26.4	26.1	26.1	24.9	24.6	25.7	26.0	23.8	23.8	22.0	21.6
Unemployment rate, full-time workers, men, 20 years and over												
1979	4.0	4.0	4.0	3.9	3.7	3.8	4.0	4.1	4.1	4.2	4.3	4.3
1980	4.7	4.7	5.0	5.8	6.2	6.5	6.8	6.7	6.7	6.3	6.2	6.0
1981	6.0	6.0	6.0	5.8	6.0	6.2	5.8	6.0	6.1	6.6	6.9	7.6
1982	7.6	7.6	7.9	8.2	8.2	8.8	9.0	9.0	9.6	9.9	10.0	10.2
1983	9.7	9.8	9.6	9.7	9.6	9.1	8.8	8.7	8.6	8.1	7.8	7.5
Unemployment rate, full-time workers, women, 20 years and over												
1979	5.6	6.0	5.7	5.8	5.6	5.8	5.6	5.9	5.6	5.7	5.5	5.6
1980	5.8	5.8	5.7	6.2	6.6	6.7	7.0	6.9	6.5	7.0	7.0	7.0
1981	7.0	7.0	6.8	6.8	6.9	6.7	7.0	6.8	7.2	7.3	7.6	7.8
1982	7.5	7.9	8.3	8.7	8.6	8.5	8.6	8.7	8.8	9.2	9.5	9.5
1983	9.5	9.3	9.3	9.1	8.8	8.8	8.4	8.3	8.2	7.7	7.3	7.2
Unemployment rate, part-time workers												
1979	9.0	8.7	9.1	8.7	9.0	8.7	8.3	9.0	8.6	8.8	8.4	8.6
1980	8.7	8.7	8.5	8.9	8.9	8.9	8.7	8.7	8.9	9.3	8.7	8.1
1981	9.2	8.9	9.2	9.0	9.4	9.2	9.2	9.7	9.7	9.8	10.2	9.1
1982	9.7	10.4	10.1	10.7	10.3	9.8	11.2	10.4	10.6	10.5	11.4	11.1
1983	10.7	10.1	10.6	10.5	10.9	11.8	10.2	10.2	10.1	10.0	9.8	9.8

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**8. Unemployment rates by sex, age, race, Hispanic origin, marital status, and full- or part-time status—Continued**

(Percent)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, part-time workers, both sexes, 16 to 19 years												
1979 .....	16.0	15.5	15.8	15.9	16.3	16.0	15.3	15.8	15.5	15.8	15.1	15.2
1980 .....	15.5	15.1	15.1	15.2	16.3	16.4	16.1	16.7	16.7	17.1	16.5	15.2
1981 .....	17.1	17.9	17.6	17.3	17.4	17.0	16.1	17.7	18.4	18.5	20.5	17.5
1982 .....	19.4	20.2	18.8	20.6	19.5	17.7	20.4	20.1	20.1	20.7	21.4	21.6
1983 .....	20.2	17.8	20.6	20.4	21.1	22.8	19.0	19.4	19.7	18.9	18.8	18.5
Unemployment rate, part-time workers, men, 20 years and over												
1979 .....	5.9	6.1	6.9	6.5	6.3	6.7	6.9	6.8	6.8	6.6	5.6	6.3
1980 .....	6.8	6.3	5.9	6.6	7.2	7.1	6.5	5.8	6.6	7.1	6.5	5.5
1981 .....	7.6	6.9	6.5	6.4	8.6	6.4	7.8	8.6	8.1	8.0	8.2	8.7
1982 .....	6.9	8.4	9.3	9.5	8.3	7.6	8.2	9.0	9.0	8.1	9.9	9.1
1983 .....	8.9	9.2	8.4	9.3	9.2	9.6	9.0	8.5	8.6	8.9	8.2	8.1
Unemployment rate, part-time workers, women, 20 years and over												
1979 .....	6.3	5.8	6.2	5.5	5.9	5.5	5.1	6.2	5.6	5.8	5.8	6.1
1980 .....	5.8	8.2	6.0	6.4	5.6	5.4	5.3	5.5	5.6	6.0	5.5	5.4
1981 .....	5.7	5.0	5.8	5.7	5.8	6.3	6.3	6.2	6.1	6.1	5.9	5.2
1982 .....	6.2	6.5	6.2	6.5	6.7	6.5	8.0	6.4	6.8	6.7	7.2	7.0
1983 .....	7.0	7.1	6.8	6.3	7.0	7.7	6.4	6.6	6.4	6.5	6.5	6.5

9. Unemployment rates for wage and salary workers by industry

(Percents)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, total wage and salary workers												
1979	5.5	5.5	5.5	5.4	5.3	5.3	5.4	5.7	5.6	5.7	5.6	5.6
1980	5.9	5.9	6.0	6.7	7.2	7.3	7.5	7.5	7.3	7.3	7.2	7.0
1981	7.1	7.1	7.0	6.8	7.1	7.0	6.9	7.0	7.3	7.6	8.0	8.3
1982	8.2	8.4	8.7	9.1	9.1	9.2	9.5	9.4	9.8	10.1	10.5	10.5
1983	10.1	10.1	10.0	9.9	9.8	9.4	9.1	9.1	8.8	8.5	8.1	7.9
Unemployment rate, wage and salary workers in agricultural industries												
1979	7.5	9.0	8.1	8.9	9.3	8.3	9.9	9.6	10.4	9.5	10.6	9.7
1980	10.1	9.6	10.3	12.0	11.4	10.1	11.6	13.2	11.7	11.4	10.2	10.6
1981	10.8	12.3	12.1	9.2	10.9	12.4	11.4	12.4	11.8	13.6	14.0	14.1
1982	15.1	13.4	13.8	14.2	17.8	14.8	14.9	14.8	13.8	12.8	15.8	16.3
1983	15.7	16.3	15.9	16.8	16.8	16.5	15.0	15.1	16.5	16.2	15.7	15.6
Unemployment rate, wage and salary workers in nonagricultural industries												
1979	5.5	5.4	5.4	5.3	5.2	5.2	5.3	5.6	5.5	5.6	5.5	5.5
1980	5.9	5.9	5.9	6.6	7.2	7.2	7.4	7.4	7.2	7.2	7.1	7.0
1981	7.0	7.0	6.9	6.8	7.1	6.9	6.9	6.9	7.3	7.5	7.9	8.2
1982	8.1	8.4	8.6	9.0	9.0	9.1	9.4	9.3	9.8	10.0	10.4	10.4
1983	10.0	10.0	9.9	9.7	9.6	9.2	8.9	9.0	8.7	8.4	8.0	7.8
Unemployment rate, government workers in nonagricultural industries												
1979	3.9	3.8	3.9	3.5	3.5	3.7	3.7	3.8	3.5	4.2	3.7	3.8
1980	3.8	4.0	4.0	4.1	4.1	3.6	4.2	4.2	4.3	4.7	4.3	4.2
1981	4.4	4.2	4.5	4.5	4.6	4.6	4.6	4.7	4.8	4.9	5.3	5.0
1982	4.7	4.9	4.7	5.0	4.8	4.7	4.7	4.8	5.0	5.1	5.3	5.3
1983	5.6	5.8	5.7	5.8	5.6	5.1	5.4	5.1	5.0	5.1	4.9	5.0
Unemployment rate, private wage and salary workers in nonagricultural industries												
1979	5.8	5.8	5.7	5.7	5.5	5.6	5.7	6.0	5.9	5.9	5.9	5.9
1980	6.3	6.3	6.3	7.1	7.8	8.0	8.1	8.0	7.9	7.8	7.7	7.5
1981	7.6	7.6	7.4	7.2	7.6	7.4	7.3	7.4	7.8	8.1	8.4	8.9
1982	8.8	9.0	9.4	9.8	9.8	10.0	10.3	10.3	10.7	11.0	11.4	11.5
1983	10.9	10.8	10.7	10.5	10.4	10.1	9.7	9.8	9.4	9.0	8.6	8.3
Unemployment rate, private wage and salary workers in mining												
1979	3.6	5.6	4.9	5.3	4.9	3.2	5.3	5.2	6.2	6.0	4.7	3.9
1980	5.3	5.2	4.9	6.1	4.7	7.2	6.3	6.3	7.1	7.3	9.8	8.1
1981	6.7	6.1	4.5	5.0	5.9	5.4	5.8	6.2	5.1	6.9	7.4	7.4
1982	8.1	8.6	9.5	10.6	11.2	13.6	15.5	16.0	17.9	18.5	18.0	18.2
1983	17.6	19.1	19.2	20.3	20.8	17.9	16.6	14.9	16.9	12.1	12.8	12.4
Unemployment rate, private wage and salary workers in construction												
1979	10.8	11.5	10.3	10.3	9.5	9.7	9.7	9.1	9.1	10.0	10.5	11.1
1980	11.6	11.4	13.2	14.6	16.0	15.5	15.8	16.5	15.5	14.1	14.5	13.6
1981	13.7	14.0	14.8	14.3	15.5	16.4	15.3	16.0	15.8	17.5	17.8	17.7
1982	18.7	18.6	18.1	19.1	18.4	19.8	20.4	20.3	21.8	22.8	22.0	21.6
1983	20.2	19.9	20.2	20.0	20.0	18.4	18.0	17.9	18.1	15.8	15.6	16.3
Unemployment rate, private wage and salary workers in manufacturing												
1979	5.2	5.1	5.4	5.5	5.3	5.3	5.6	6.0	6.1	6.0	6.0	6.0
1980	6.8	6.8	6.7	8.1	9.5	9.5	9.9	9.5	9.3	9.1	8.7	8.5
1981	8.4	8.4	8.1	7.6	7.8	7.5	7.5	7.4	8.0	8.5	9.2	10.4
1982	10.4	10.4	10.7	11.4	11.5	12.3	12.4	12.6	13.8	13.9	14.5	14.2
1983	13.1	13.1	12.8	12.5	12.3	11.6	10.7	11.2	10.2	9.6	8.9	8.3
Unemployment rate, private wage and salary workers in durable goods												
1979	4.5	4.5	4.6	4.8	4.5	4.6	5.1	5.4	5.3	5.6	5.7	5.7
1980	6.8	6.6	6.7	8.5	10.4	10.5	10.6	10.4	10.0	9.3	8.9	8.6
1981	8.3	8.6	8.1	7.6	7.4	7.2	7.4	6.9	7.8	8.4	9.2	11.0
1982	10.8	11.1	10.9	12.0	12.3	13.3	13.2	13.7	14.9	15.7	16.7	16.1
1983	14.7	14.5	14.3	13.7	13.5	12.5	11.4	11.7	10.9	10.2	9.0	8.3

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**9. Unemployment rates for wage and salary workers by industry—Continued**

(Percents)

Year	January	February	March	April	May	June	July	August	September	October	November	December
Unemployment rate, private wage and salary workers in nondurable goods												
1979 .....	6.2	6.1	6.5	6.5	6.6	6.3	6.2	7.0	7.4	6.6	6.4	6.5
1980 .....	6.9	7.0	6.8	7.5	8.2	8.0	8.8	8.2	8.1	8.9	8.5	8.4
1981 .....	8.7	8.3	8.1	7.8	8.4	7.9	7.8	8.1	8.3	8.7	9.3	9.6
1982 .....	9.7	9.4	10.4	10.5	10.4	10.9	11.2	10.9	12.2	11.4	11.3	11.4
1983 .....	10.8	11.0	10.8	10.8	10.6	10.2	9.7	10.5	9.3	8.7	8.7	8.2
Unemployment rate, private wage and salary workers in transportation and public utilities												
1979 .....	3.4	3.3	3.9	3.0	3.5	3.2	3.8	3.7	4.1	3.9	4.3	4.3
1980 .....	4.2	4.4	3.8	4.5	4.9	5.3	6.1	5.6	5.7	5.5	4.9	4.9
1981 .....	5.4	5.4	6.1	5.3	5.7	4.8	4.5	4.8	4.4	4.7	5.4	6.1
1982 .....	6.2	5.9	5.6	6.7	6.6	6.8	6.8	6.9	7.3	7.8	8.4	8.0
1983 .....	7.8	8.0	7.6	7.7	7.3	7.8	7.3	7.7	7.4	7.2	6.7	6.5
Unemployment rate, private wage and salary workers in wholesale and retail trade												
1979 .....	6.6	6.7	6.6	6.6	6.3	6.6	6.4	6.6	6.5	6.5	6.4	6.3
1980 .....	6.7	6.6	6.5	7.1	7.4	7.9	7.6	7.8	7.7	7.8	8.1	8.1
1981 .....	7.8	7.8	7.4	7.4	8.2	7.8	7.9	8.0	8.6	8.4	8.7	8.9
1982 .....	8.8	9.1	9.9	9.9	10.3	9.7	10.4	10.0	10.0	10.3	10.6	11.1
1983 .....	10.8	10.9	10.9	10.4	10.2	10.2	9.8	9.8	9.5	9.8	9.1	8.8
Unemployment rate, private wage and salary workers in finance and service industries												
1979 .....	5.1	5.0	4.9	4.8	4.8	4.7	4.8	5.2	4.9	4.8	4.8	4.7
1980 .....	4.7	4.7	5.0	5.1	5.5	5.6	5.7	5.6	5.5	5.6	5.6	5.5
1981 .....	5.8	5.9	5.6	5.8	5.7	5.8	5.6	5.7	6.1	6.2	6.1	6.4
1982 .....	5.9	6.6	6.8	7.0	6.8	6.8	6.9	7.0	6.9	7.1	7.7	8.0
1983 .....	7.6	7.4	7.3	7.3	7.5	7.2	7.3	7.2	7.0	6.9	6.7	6.6

# Explanatory Notes

## Introduction

The statistics in this periodical are compiled from two major sources: (1) Household interviews, and (2) reports from employers.

*Data based on household interviews* are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 629 areas in 1,148 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

*Data based on establishment records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on nonagricultural wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th day of the month.

### RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definitions and coverage,

sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows.

### Employment

*Coverage.* The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers) self-employed persons, unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises, and members of the Armed Forces stationed in the United States. Civilian employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

*Multiple jobholding.* The household approach 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 and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

*Unpaid absences from jobs.* The household survey includes among the employed all civilians who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor management disputes, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates From Household and Payroll Surveys." *Monthly Labor Review*. December 1969.



## Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

## Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the workers' sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see *Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey*, BLS Bulletin 2113.

## COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

*Unemployment insurance data.* The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid \$1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total \$20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are

sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

*Agricultural employment estimates of the Department of Agriculture.* The principal differences in coverage are the inclusion of persons under 16 in the Economics and Statistics Service series and the treatment of dual jobholders, who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

## COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

*Statistics on manufactures and business, Bureau of the Census.* BLS establishment statistics on employment differ from employment counts derived by the Bureau of Census from its censuses or annual sample survey of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

*County Business Patterns.* Data in *County Business Patterns* (CBP), published by the Bureau of the Census, U.S. Department of Commerce, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

*Employment covered by State unemployment insurance programs.* Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these are included in this BLS establishment statistics.

# Household Data (A tables)

## COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected for 14- and 15-year-olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions and persons under 14 years of age are not covered in the regular monthly enumerations, and are excluded from the population and labor force statistics shown in this report. Data on the members of the Armed Forces stationed in the United States, who are included as part of the categories "noninstitutional population," "labor force," and "total employment," are obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

## CONCEPTS AND DEFINITIONS

The concepts and definitions underlying labor force data have been modified, but not substantially altered, since the inception of the survey in 1940; those used since 1967 are as follows:

*Employed persons* are (a) all civilians who, during the survey week, did any work at all as paid employees, in their own business, profession, or on their own farm, or

who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family; and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management disputes, or personal reasons, whether they were paid for the time off or were seeking other jobs. Members of the Armed Forces stationed in the United States are also included in the employed total.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries who are temporarily in the United States but not living on the premises of an embassy. Excluded are persons whose only activity consisted of work around the house (painting, repairing, or own home housework) or volunteer work for religious, charitable, and similar organizations.

*Unemployed persons* are all civilians who had no employment during the survey week, were available for work, except for temporary illness, and (a) had made specific efforts to find employment sometime during the prior 4 weeks, or (b) were waiting to be recalled to a job from which they had been laid off, or (c) were waiting to report to a new job within 30 days.

*Duration of unemployment* represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployment is also categorized according to the status of individuals at the time they began to look for work. The reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work, and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or

longer. Each of these four categories of the unemployed may be expressed as an unemployment rate or proportion of the entire civilian labor force; the sum of the four rates thus equals the unemployment rate for all civilian workers.

Jobseekers are all unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week. Jobseekers do not include those persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some other method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated labor pickup point.

The *civilian labor force* comprises all civilians classified as employed or unemployed in accordance with the criteria described above. The "labor force" also includes members of the Armed Forces stationed in the United States.

The *overall unemployment rate* represents the number unemployed as a percent of the labor force, including members of the Armed Forces stationed in the United States.

The *unemployment rate for all civilian workers* represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, race, ethnic origin, marital status, etc.

*Participation rates* represent the proportion of the population that is in the labor force. The *labor force participation rate*, is the ratio of the labor force, including the resident Armed Forces, to the noninstitutional population. The *civilian labor force participation rate* is the ratio of the civilian labor force to the civilian noninstitutional population. Civilian labor force participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

*Employment-population ratios* represent the proportion of the noninstitutional population that is employed. The *total employment-population ratio* is total employment, including the resident Armed Forces, as a percent of the noninstitutional population. The *civilian employment-population ratio* is the percentage of all employed civilians in the civilian noninstitutional population.

*Not in the labor force* includes all persons who are not classified as employed or unemployed. These persons are further classified as engaged in own home housework, in school, unable to work because of long-

term physical or mental illness, retired, and other. The "other" group includes individuals reported as too old or temporarily unable to work, the voluntarily idle, seasonal workers for whom the survey week fell in an off season and who were not reported as looking for work, and persons who did not look for work because they believed that no jobs were available in the area or that no jobs were available for which they could qualify—discouraged workers. Persons doing only incidental, unpaid family work (less than 15 hours in the specified week) are also classified as not in labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work, desire for a job at the time of interview, and reasons for not looking for work are published on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969 these questions were asked in those households entering the sample for the first time and those returning for the second 4 months of interviewing, i.e., the "incoming" groups.

*Occupation, industry, and class of worker* for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time job lasting 2 weeks or more. The classifications of occupations and industries used in data derived from the CPS are defined as in the 1980 census. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies wage and salary workers, subdivided into private and government workers; self-employed workers; and unpaid family workers. Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

*Hours of work* statistics relate to the actual number of hours worked during the survey week. For example, persons who normally work 40 hours a week but were off on the Columbus Day holiday would be reported as working 32 hours even though they were paid for the holiday. For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week; all the hours are credited to the major job.

The distribution of employment by hours worked relates to persons at work during the survey week. At-work data differ from data on total employment because the latter include persons in the zero-hours-worked category, with a job but not at work. Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working full time. Persons who worked between 1 and 34 hours are designated as working part time. Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week (economic or other reasons). Economic reasons include: Slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full-time work. Other reasons include: Labor dispute, bad weather, own illness, vacation, demands of home, housework, school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part time.

*Labor force time lost* is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate hours. It is computed by assuming that: (1) Unemployed persons looking for full-time work lost an average of 37.5 hours, (2) those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

*White, black, and other* are terms used to describe the race of workers. Included in the "other" group are American Indians, Alaskan Natives, and Asians and Pacific Islanders. All tables in this publication which contain racial data, with the exception of A-4 and its annual counterpart, present data for the black population group. Because of their relatively small sample size, data for "other" races are not published. In the enumeration process, race is determined by the household respondent.

*Hispanic origin* refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent. Persons of Hispanic origin may be of any race; thus they are included in both the white and black population groups.

*Major activity: Going to school* and *Major activity: Other* are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. These statistics are published in table A-6 for 16- to 21-year-olds by employment status, race and sex, and if unemployed, whether seeking full-or part-time work.

*Vietnam-era veterans* are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Data are limited to men in the civilian noninstitutional population; i.e., veterans in institutions and women are excluded. Nonveterans are men who never served in the Armed Forces.

The *poverty areas* classification consists of all census geographic divisions in which 20 percent or more of the residents were poor according to the 1970 decennial census. Persons were classified as poor or not poor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence, (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas, and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 decennial census and does not include any subsequent additions or changes. *Nonmetropolitan areas* refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

*Usual weekly earnings* data are provided from responses to the question "How much does...USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of usual, interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months. Data refer to wage and salary workers and the incorporated self-employed, who usually work full time on their sole or primary job.

*Single, never married; married, spouse present; and other marital status* are terms used to define the marital status of individuals at the time of interview. Married, spouse present, applies to husband and wife if both were reported as members of the same household even

though one may be temporarily absent on business, vacation, on a visit, in a hospital, etc. Other marital status applies to persons who are married, spouse absent; widowed; or divorced. Married, spouse absent, includes persons who are separated because of marital discord, as well as persons who are living apart because either the husband or the wife was employed and living away from home, serving in the Armed Forces, or had a different place of residence for any reason.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room is regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but relates only to persons in families maintained by either men or women without a spouse.

*Family* refers to a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family even though they may include a related subfamily, that is, a married couple or a parent-child group related by birth or marriage to the householder and sharing the living quarters. The count of families used in this publication excludes unrelated subfamilies such as lodgers, guests, or resident employees living in a household but not related to the householder. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

## HISTORICAL COMPARABILITY

### Change in lower age limit

The lower age limit for official statistics on the labor force, employment, and unemployment was raised from 14 to 16 years of age in January 1967. Insofar as possible, historical series have been revised to provide consistent information based on the population 16 years and over. For a detailed discussion of this and other definitional changes introduced at that time, including estimates of their effect on the various series, see "New Definitions for Employment and Unemployment," *Employment and Earnings and Monthly Report on the Labor Force*, February 1967.

### Noncomparability of labor force levels

In addition to the changes introduced in 1967, there are several other periods of noncomparability in the labor force data: (1) Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; labor force, total employment, and agricultural employment were increased by about 350,000, primarily affecting the figures for totals and men; other categories were relatively unaffected. (2) Beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force four-fifths of this increase was in nonagricultural employment; other labor force categories were not appreciably affected. (3) Beginning in 1962, the introduction of data from the 1960 census reduced the population by about 50,000 and labor force and employment by about 200,000; unemployment totals were virtually unchanged. (4) Beginning in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; labor force and employment totals were raised by a little more than 300,000; and unemployment levels and rates were essentially unchanged. (5) A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment, which affected the white and black-and-other groups but had little effect on totals, resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

In addition, beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an inflation-deflation approach. This change in the derivation of the estimates had its greatest impact on estimates of 20- to 24-year-old men—particularly those of the black-and-other population—but had little effect on estimates of the total population 16 years and over. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation", in the February 1974 issue of *Employment and Earnings*.

Effective in July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000–30,000 men and 46,000 women. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the other population.

Beginning in January 1978, the introduction of an expansion in the sample and revisions in the estimation procedures resulted in an increase of about 250,000 in the civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in January 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan area estimates, not for the total United States. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey Beginning in January 1979" in the February 1979 issue of *Employment and Earnings*.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the Estimating Methods section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates for labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article cited above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Beginning in January 1983, the first-stage ratio adjustment methodology was updated to account for

results obtained from the 1980 census. The new procedure is described in the Estimating Methods section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of *Employment and Earnings*. There are only slight differences between the old and new procedures in estimates of level for the various labor force characteristics and virtually no differences in estimates of participation rates.

### **Changes in the occupational and industrial classification system.**

Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. As a result of these changes, meaningful comparisons of occupational employment levels could not be made between 1971-72 and prior years nor between those 2 years. Unemployment rates were not significantly affected. For a further explanation of the changes in the occupational classification system, see "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Beginning in January 1983, the occupational and industrial classification systems used in the 1980 census were introduced into the CPS. These systems differ from those developed for the 1970 census which were used in the CPS from January 1971 through December 1982.

The 1980 census occupational classification system evolved from the Standard Occupational Classification system (SOC). While the CPS occupational data are now comparable with other data sources, the new system is so radically different in concepts and nomenclature from the 1970 system that comparisons of historical data are not possible without major adjustments. For example, the 1980 major group "sales occupations" is substantially larger than the 1970 category "sales workers". Major additions include "cashiers" from "clerical workers" and some self-employed proprietors in retail trade establishments from "managers and administrators, except farm."

The industrial classification used in the 1980 census is based on the 1972 Standard Industrial Classification system (SIC), as modified in 1977. The adoption of the new system had much less of an adverse effect on historical comparability than did the new occupational

system. The most notable changes from the 1970 system were the transfer of farm equipment stores from "retail" to "wholesale" trade, postal service from "public administration" to "transportation", and some interchange between "professional and related services" and "public administration."

Additional information on the 1980 census occupational and industrial classification systems appears in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of *Employment and Earnings*.

### Changes in the sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, the number of sample areas and the number of sample persons are increased occasionally. In 1953, the current rotation plan was introduced in which a sample unit is interviewed for 4 months, leaves the sample for 8 months, and then returns to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated into the design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 600,000 new construction housing units, was included

in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction units that previously had no chance for selection in the CPS sample. In January 1980, another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. Beginning in January 1982, the sample was expanded by 100 households to provide additional coverage in counties added to SMSA's, which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. A more detailed account of the history of the CPS sample design appears in *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, or *Concepts and Methods Used in Labor Force Statistics Derived From the Current Population Survey*, Report 463 Bureau of Labor Statistics.

### ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the

Table A. Characteristics of the CPS sample, 1947 to date

Time period	Number of sample areas	Households eligible		Households visited but not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954 .....	68	21,000	500—1,000	3,000—3,500
Feb. 1954 to Apr. 1956 .....	230	21,000	500—1,000	3,000—3,500
May 1956 to Dec. 1959 .....	<sup>1</sup> 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963 .....	<sup>2</sup> 333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966 .....	357	33,500	1,500	6,000
Jan. 1967 to July 1971 .....	449	48,000	2,000	8,500
Aug. 1971 to July 1972 .....	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977 .....	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979 .....	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981 .....	629	62,200	2,800	12,000
May 1981 to present .....	629	57,800	2,500	11,000

<sup>1</sup> Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

<sup>2</sup> Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

respondents for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and, within these, for six groups—two race categories (white, and black and other) within three residential categories. For sample areas which are Standard Metropolitan Statistical Areas, (SMSA's), these residence categories are the central cities, the urban, and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent, depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. Effective with January 1983 data, the procedure corrects for the differences that existed at the time of the 1980 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by race only. Prior to January 1983, the State adjustment was also done by urban-rural status. At both the regional and the State levels, the race-residence categories were changed from white/nonwhite to black/nonblack. The residence categories at the State level of the estimation procedure were dropped because definitional differences between the 1970 census and the 1980 census made it impossible to continue using the same categories.

b. *Second-stage ratio estimate.* In this stage, the sample proportions of persons in specific categories are adjusted to the distribution of independent current

estimates of the civilian noninstitutional population in the same categories. The second-stage ratio adjustment which is performed to further reduce variability of the estimates and to correct to some extent for CPS undercoverage relative to the decennial census, is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over for the State. The second step is applied to all sample persons and is a weighting to nationwide independent population estimates within 68 age-sex-race groups. The entire second-stage adjustment procedure is iterated six times, each time beginning at the weights developed the previous time. This ensures that the sample estimates of the population for both State and national age-sex-race categories will be virtually equal to the independent population control totals. This second-stage adjustment procedure incorporates changes instituted in January 1982. The nature and effect of these changes are discussed in detail in "Revisions in the Current Population Survey Beginning in January 1982" in the February 1982 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980, census through the latest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. A description of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulations of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of



Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population is derived by subtracting the Armed Forces and the institutional population for the estimate date from the total including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national control totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent), as well as the sample results for the current month. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

### **Rounding of estimates**

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Similarly, sums of percent distributions may not always equal 100 percent because of rounding. Differences, however, are insignificant.

### **Reliability of the estimates**

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

*Nonsampling error.* The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS, as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to repre-

sent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*. Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Compared to the level of the decennial census, undercoverage is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for men than for women, and larger for black, and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement*, Vol. 2, April 1973; and in *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

**Sampling error.** The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average of all possible samples.
3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly

level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between 2 consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D, F, H, and I to compute approximate standard errors for levels, labor force participation rates, and percentages as pertaining to the year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50, and for the 1956-66 period, they should be multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates

**Table B. Standard errors for major employment status categories**

(In thousands)

Employment status, sex, age, and race	Standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force	255	195
Employed	276	209
Unemployed	152	149
Men, 20 years and over:		
Civilian labor force	155	135
Employed	173	152
Unemployed	110	106
Women, 20 years and over:		
Civilian labor force	190	144
Employed	190	148
Unemployed	90	92
Both sexes, 16 to 19 years:		
Civilian labor force	83	89
Employed	86	97
Unemployed	64	69
Black, 16 years and over:		
Civilian labor force	87	66
Employed	96	72
Unemployed	73	74
Men, 20 years and over:		
Civilian labor force	51	45
Employed	59	53
Unemployed	52	54
Women, 20 years and over:		
Civilian labor force	67	47
Employed	66	50
Unemployed	46	50
Both sexes, 16 to 19 years:		
Civilian labor force	33	37
Employed	28	32
Unemployed	32	32

**Table C. Standard errors for unemployment rates by major characteristics**

Characteristic	Standard error of—		Characteristic	Standard error of—	
	Monthly level	Consecutive month change		Monthly level	Consecutive month change
Total (all civilian workers)	0.13	0.13	<b>Occupation—Continued</b>		
Men, 20 years and over	.18	.18	Precision production, craft, and repair	0.42	0.48
Women, 20 years and over	.20	.20	Machine operators, assemblers and inspectors	.58	.68
Both sexes, 16 to 19 years	.69	.81	Transportation and material moving	.74	.89
White workers	.14	.14	Handlers, equipment cleaners, helpers and laborers	.83	.99
Black workers	.60	.64	Farming, forestry, and fishing	.71	.88
Married men, spouse present	.19	.21	<b>Industry</b>		
Married women, spouse present	.23	.25	Nonagricultural private wage and salary workers	.16	.17
Full-time workers	.15	.15	Mining	1.82	2.16
Part-time workers	.34	.43	Construction	.84	1.04
Unemployed 15 weeks and over	.09	.11	Manufacturing	.33	.38
<b>Occupation</b>			Durable goods	.45	.52
Executive, administrative, and managerial	.27	.31	Nondurable goods	.49	.57
Professional specialty	.22	.24	Transportation, communications, and public utilities	.53	.61
Technicians and related support	.53	.62	Wholesale and retail trade	.31	.36
Sales	.34	.38	Finance and services	.23	.26
Administrative support, including clerical	.27	.31	Government workers	.26	.29
Private household	1.17	1.30	Agricultural wage and salary workers	1.33	1.65
Protective service	.92	1.05			
Service, except private household and protective	.43	.50			

of persons and families for use with the CPS earnings data.

*Standard errors for estimated totals.* Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to be used for the characteristics as indicated.

*Illustration.* Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 159,000. The 68-percent confidence interval as shown by these data is from 11,841,000 to 12,159,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E, the standard error on a month-to-month change of 400,000, when the monthly level is approximately 12,000,000, is about 118,000.

*Standard errors for rates and percentages.* The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or

percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates. Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are indifferent categories, use the factor indicated by the numerator of the percentage.

*Illustration.* Assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. The standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percent). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 3.6 percent is then approximately  $0.09 \times 1.26 = 0.1$  percentage point.

*Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages.* The approximate standard errors of levels, rates, and percentages involving year-to-year change of

monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate, or percentage, find the standard error of this estimate. For an estimate of change in level, rate, or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

*Illustration.* Suppose that one is interested in the year-to-year change of a monthly unemployment rate. Assume that for a certain month the unemployment rate is 6.9 percent, based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent, based on a total of 94,254,000 in the civilian labor force for the month. First the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from tables F (0.12 percentage point). The appropriate factor, then, from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by  $0.12 \times 1.40 = 0.17$  percentage point. The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to

CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\frac{\text{Standard error}}{X}\right)^2 + \left(\frac{\text{Standard error}}{Y}\right)^2 - 2(P)\left(\frac{\text{Standard error}}{X}\right)\left(\frac{\text{Standard error}}{Y}\right)}$$

Where  $x$  is the estimate for one quarter and  $Y$  is the estimate for another quarter. The coefficient,  $P$ , is a measure of the correlation between the estimates  $X$  and  $Y$  resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of  $P$  are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

*Illustration.* Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later, their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216,000)^2 + (221,000)^2 - 2(.30)(216,000)(221,000)}$$

or about 259,000.

**Table D. Standard errors for estimates of monthly level**

(In thousands)

Estimated monthly level	Characteristic <sup>1</sup>								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black	Total or white, 16 to 19 years	Black, 16 to 19 years	Total or white men only, or women only	Black men only, or women only	Total or white	Black
50	14	11	11	11	11	10	10	10	11
100	19	15	15	15	15	14	14	15	16
500	43	34	34	33	29	32	31	33	35
1,000	61	48	47	46	33	45	42	47	49
2,000	85	68	64	63	-	63	55	66	67
4,000	120	95	84	80	-	87	66	93	88
6,000	146	116	94	86	-	105	58	113	99
8,000	-	133	97	83	-	120	23	129	-
10,000	-	147	94	70	-	132	-	143	-
15,000	-	177	50	-	-	155	-	172	-
20,000	-	201	-	-	-	170	-	195	-
30,000	-	236	-	-	-	188	-	-	-
40,000	-	261	-	-	-	189	-	-	-
50,000	-	278	-	-	-	175	-	-	-
60,000	-	288	-	-	-	141	-	-	-
70,000	-	293	-	-	-	61	-	-	-
80,000	-	293	-	-	-	-	-	-	-
100,000	-	273	-	-	-	-	-	-	-
120,000	-	231	-	-	-	-	-	-	-

<sup>1</sup> When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

**Table E. Standard errors for estimates of month-to-month change**

(In thousands)

Estimated monthly level	Characteristic <sup>1</sup>							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black	Total or white, 16 to 19 years	Black, 16 to 19 years	Total or white	Both sexes 16 to 19 years, or part-time labor force <sup>2</sup>	Black	Black, 16 to 19 years
50	8	8	13	13	12	13	12	12
100	11	11	18	18	16	18	17	18
500	25	25	39	34	37	40	38	35
1,000	36	35	54	36	51	54	52	37
2,000	50	47	72	-	72	70	69	-
4,000	70	82	88	-	99	78	85	-
6,000	86	70	88	-	118	60	87	-
8,000	98	73	71	-	132	-	-	-
10,000	109	71	-	-	143	-	-	-
15,000	131	42	-	-	160	-	-	-
20,000	148	-	-	-	165	-	-	-
30,000	174	-	-	-	-	-	-	-
40,000	191	-	-	-	-	-	-	-
50,000	203	-	-	-	-	-	-	-
60,000	210	-	-	-	-	-	-	-
70,000	212	-	-	-	-	-	-	-
80,000	211	-	-	-	-	-	-	-
100,000	193	-	-	-	-	-	-	-
120,000	153	-	-	-	-	-	-	-

<sup>1</sup> See footnote 1, table D.

<sup>2</sup> Part-time labor force for unemployment also includes persons reentering the labor force, persons who left their last job, and persons by duration of unemployment.

**Table F. Standard errors for unemployment rates**

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50 .....	2.09	2.94	4.57	6.28	7.46	8.34	9.01	9.05	9.87	10.21
100 .....	1.48	2.08	3.23	4.44	5.28	5.90	6.37	6.73	6.98	7.22
500 .....	.66	.93	1.45	1.99	2.36	2.64	2.85	3.01	3.12	3.27
1,000 .....	.47	.66	1.02	1.40	1.67	1.87	2.01	2.13	2.21	2.28
2,000 .....	.33	.46	.72	.99	1.18	1.32	1.42	1.50	1.56	1.61
4,000 .....	.23	.33	.51	.70	.83	.93	1.01	1.06	1.10	1.14
6,000 .....	.19	.27	.42	.57	.68	.76	.82	.87	.90	.93
10,000 .....	.15	.21	.32	.44	.53	.59	.64	.67	.70	.72
20,000 .....	.10	.15	.23	.31	.37	.42	.45	.47	.49	.51
60,000 .....	.06	.08	.13	.18	.21	.24	.26	.27	.27	.29
100,000 .....	.05	.07	.10	.14	.17	.19	.20	.21	.22	.22

**Table G. Standard errors for month-to-month change in unemployment rates**

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50 .....	2.32	3.28	5.14	7.18	8.69	9.90	10.93	11.81	12.58	14.48
100 .....	1.64	2.32	3.64	5.08	6.14	7.00	7.12	8.35	8.89	10.17
500 .....	.73	1.04	1.63	2.27	2.74	3.13	3.45	3.73	3.97	4.53
1,000 .....	.52	.73	1.15	1.60	1.94	2.21	2.44	2.63	2.80	3.19
2,000 .....	.37	.52	.81	1.13	1.37	1.56	1.72	1.85	1.97	2.24
4,000 .....	.26	.37	.57	.80	.96	1.10	1.20	1.30	1.38	1.56
6,000 .....	.21	.30	.47	.65	.78	.89	.98	1.05	1.11	-
10,000 .....	.16	.23	.36	.50	.60	.66	.75	.80	-	-
20,000 .....	.12	.16	.25	.35	.42	.47	.51	.54	-	-
60,000 .....	.07	.09	.14	.19	.22	.23	.24	-	-	-
100,000 .....	.05	.07	.11	.14	.15	.15	-	-	-	-

**Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data**

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50 .....	2.14	3.01	4.69	6.46	7.68	8.61	9.32	9.86	10.27	10.76
100 .....	1.51	2.13	3.32	4.57	5.43	6.09	6.59	6.97	7.26	7.61
500 .....	.68	.95	1.48	2.04	2.43	2.72	2.95	3.12	3.25	3.40
1,000 .....	.48	.67	1.05	1.44	1.72	1.92	2.08	2.21	2.30	2.41
2,000 .....	.34	.48	.74	1.02	1.22	1.36	1.47	1.56	1.62	1.70
4,000 .....	.24	.34	.52	.72	.86	.96	1.04	1.10	1.15	1.20
6,000 .....	.20	.28	.43	.59	.70	.79	.85	.90	.94	.98
10,000 .....	.15	.21	.33	.46	.54	.61	.66	.70	.73	.76
20,000 .....	.11	.15	.23	.32	.38	.43	.47	.49	.51	.54
40,000 .....	.08	.11	.17	.23	.27	.30	.33	.35	.36	.38
60,000 .....	.06	.09	.14	.19	.22	.25	.27	.28	.30	.31
80,000 .....	.05	.06	.12	.16	.19	.22	.23	.25	.26	.27
100,000 .....	.05	.07	.10	.14	.17	.19	.21	.22	.23	.24
160,000 .....	.04	.05	.08	.11	.13	.15	.16	.17	.18	.19

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

**Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages**

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force .....	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force. ....	1.01	1.21
Part-time labor force .....	1.26	1.50	All other unemployment characteristics:		
Labor force data other than agricultural employment and unemployment data:			Total or white:		
Total .....	1.00	.74	Total .....	.97	1.08
Men only .....	.93	.84	Both sexes, 16 to 19 years .....	.97	1.21
Women only .....	.86	.75	Black:		
Both sexes, 16 to 19 years .....	1.00	1.18	Total .....	1.04	1.13
Part-time labor force .....	1.00	1.18	Both sexes, 16 to 19 years .....	1.04	1.24

**Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages and change in yearly averages,**

Characteristic	Factor				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or men .....	1.30	0.69	0.80	0.72	0.70
Women or teenagers (16 to 19 years) .....	1.30	.83	.80	.58	.70
Part time .....	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment and unemployment data:					
Total or white .....	1.30	.88	.88	.67	.70
Black or teenagers (16 to 19 years) .....	1.30	.82	.88	.57	.70
Part time .....	1.40	.74	.88	.46	.60
Unemployment:					
Total .....	1.40	.76	.88	.50	.65
Part time .....	1.40	.69	.88	.39	.54

**Table K. Standard errors for estimates of quarterly level, to be used with CPS earnings data**

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Men				Women	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10 .....	5	5	5	5	5	5	5	5	5
50 .....	11	12	12	11	12	12	12	11	11
75 .....	13	15	15	13	15	15	15	13	13
100 .....	15	17	17	15	17	17	17	15	15
150 .....	19	21	21	19	21	21	21	19	19
200 .....	22	24	24	22	24	24	24	22	21
250 .....	24	27	27	24	27	27	27	24	24
300 .....	26	30	30	26	30	30	29	26	26
500 .....	34	38	38	34	38	38	37	34	33
750 .....	42	47	46	42	47	47	45	42	41
1,000 .....	48	54	53	48	54	54	50	48	46
1,500 .....	59	66	63	59	66	66	59	59	56
2,000 .....	68	76	72	68	76	76	65	68	63
2,500 .....	76	85	79	75	84	84	69	75	69
3,000 .....	83	93	85	82	92	92	71	82	74
5,000 .....	107	119	100	105	117	116	64	105	85
7,500 .....	130	145	107	127	140	138	-	127	-
10,000 .....	149	165	102	144	157	155	-	145	-
15,000 .....	180	198	-	187	183	179	-	173	-
20,000 .....	205	224	-	192	199	193	-	195	-
25,000 .....	226	244	-	207	209	199	-	211	-
30,000 .....	224	261	-	219	212	198	-	224	-
40,000 .....	273	286	-	236	201	174	-	242	-
50,000 .....	296	301	-	-	-	-	-	-	-
75,000 .....	331	304	-	-	-	-	-	-	-
100,000 .....	343	255	-	-	-	-	-	-	-



# Establishment Data (B and C tables)

## COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location.

### Federal-State cooperation

Under cooperative arrangements, responding establishments report employment, hours, and earnings data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

### Shuttle schedules

Form BLS 790—Report on Employment, Payroll, and Hours is the name of the data collection schedule. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered on the space allotted for that month. This "shuttle" procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures that have been reported for previous months.

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month.

## CONCEPTS

### Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual* (SICM), Office of Management and Budget. The

BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

### Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence and National Security Agencies are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

### Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

*Production and related workers* include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operation.

*Construction workers* include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices,

helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of construction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

*Nonsupervisory employees* include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

*Payroll* covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

*Hours* cover the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

*Overtime hours* covers hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

*Gross average hourly and weekly earnings.* Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect

shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker, construction worker, or nonsupervisory employee definitions.

Gross average weekly earnings estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

*Average weekly hours.* The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors are unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

*Average overtime hours.* The overtime hours represent that portion of the gross average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month to month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends

at the industry-group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

*Railroads hours and earnings.* The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

“Real” earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

*Average hourly earnings excluding overtime.* Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-40). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustments is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

*Indexes of aggregate weekly payrolls and hours.* The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher level of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

*Indexes of diffusion of changes in number of employees on nonagricultural payrolls.* These indexes measure the percent of industries which posted increases in employ-

ment over the specified time span. The indexes are calculated from 186 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in “Introduction of Diffusion Indexes,” in the December 1974 issue of *Employment and Earnings*.

## ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the establishment statistics are (1) the use of the “link relative” technique which is a form of ratio estimation; (2) periodic adjustment of employment levels to new benchmarks; and (3) the use of size and regional stratification.

### The “link relative” technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a “link relative.” The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these “link relatives.” In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table L.

### Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods in table L, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

### Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide “benchmarks” for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1982 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered

**Table L. Summary of methods for computing industry statistics on employment, hours, and earnings**

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
<b>Monthly data</b>		
All employees .....	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. <sup>1</sup>	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees .....	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. <sup>2</sup>	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours .....	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers. <sup>2</sup>	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours .....	Production-worker overtime hours divided by number of production workers. <sup>2</sup>	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings .....	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker hours. <sup>2</sup>	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings .....	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
<b>Annual average data</b>		
All employees, women employees, and production or nonsupervisory workers .....	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours .....	Annual total of aggregate hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours .....	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers
Gross average hourly earnings .....	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate hours.
Gross average weekly earnings .....	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.

<sup>1</sup> The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

<sup>2</sup> The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are

modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1982 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

## THE SAMPLE

### Design

The sampling plan used in the current employment statistics program is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percent of total employment is included in the sample. Consequently,

**Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1982**

Industry division	Benchmark, March 1982	Estimate, March 1982	Percent difference
Total .....	89,566,000	89,679,000	0.1
Mining .....	1,205,000	1,178,000	2.2
Construction .....	3,638,000	3,631,000	.2
Manufacturing .....	19,213,000	19,207,000	( <sup>1</sup> )
Transportation and public utilities .....	5,070,000	5,049,000	.4
Wholesale and retail trade .....	20,062,000	20,306,000	-1.2
Finance, insurance, and real estate .....	5,294,000	5,304,000	-.2
Services .....	18,888,000	18,828,000	.3
Government .....	16,196,000	16,176,000	.1

<sup>1</sup> Less than 0.05 percent.

the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than do establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment statistics program, with its emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, and, at a somewhat later date, statistics in considerably greater industrial detail.

### Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table N shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

### Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and

**Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1982<sup>1</sup>**

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total .....	189,000	36,371,200	41
Mining .....	2,600	434,500	36
Construction .....	18,600	721,800	20
Manufacturing .....	47,700	10,612,300	55
Transportation and public utilities:			
Railroad transportation (ICC) .....	37	401,800	92
Other transportation and public utilities .....	8,500	2,840,800	61
Wholesale and retail trade .....	45,900	3,511,300	18
Finance, insurance, and real estate .....	13,100	1,967,100	37
Services .....	31,600	4,150,600	22
Government:			
Federal <sup>2</sup> .....	5,000	2,725,000	100
State and local .....	16,000	9,006,000	67

<sup>1</sup> Since a few establishments do not report payroll and hours information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

<sup>2</sup> National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 5,000 reports covering about 63 percent of employment in Federal establishments.

response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the five most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table O and for individual industries with the specified number of employees in table P. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-

**Table O. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division**

(In percent)

Industry division	Average benchmark revision in estimates of employment <sup>1</sup>	Relative errors <sup>2</sup>	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment .....	0.4	-	-
Total private .....	.4	0.1	0.2
Mining .....	1.4	1.0	1.3
Construction .....	1.9	.2	.5
Manufacturing .....	.3	.1	.2
Durable goods .....	.3	.1	.3
Nondurable goods .....	.4	.1	.2
Transportation and public utilities .....	.4	.7	.6
Trade .....	.8	.1	.3
Wholesale .....	.4	.2	.4
Retail .....	1.0	.2	.4
Finance, insurance, and real estate .....	.4	.2	.4
Services .....	.6	.4	.6
Government <sup>3</sup> .....	.5	-	-

<sup>1</sup> The average percent revision in employment for the following benchmarks: 1978, 1979, 1980, 1981, and 1982.

<sup>2</sup> Relative errors relate to 1982 data.

<sup>3</sup> Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision, samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$RMSE = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Approximations of the root-mean-square errors (based on the most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table P.

**Table P. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings**

Size of employment estimate	Root-mean-square error of employment estimates <sup>1</sup>	Relative errors <sup>2</sup> (in percent)	
		Average weekly hours	Average hourly earnings
50,000 .....	2,100	2.2	4.0
100,000 .....	3,900	1.3	2.3
200,000 .....	5,600	1.1	2.0
500,000 .....	14,000	.9	1.6
1,000,000 .....	15,000	.8	1.2
2,000,000 .....	26,000	.5	.9

<sup>1</sup> Assuming 12-month intervals between benchmark revisions.

<sup>2</sup> Relative errors relate to 1982 data.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

### STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by

**Table Q. Errors of preliminary employment estimates**

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
<b>INDUSTRY DIVISIONS</b>		
Total nonagricultural employment .....	101,000	88,000
Goods producing .....	42,000	36,000
Mining .....	5,000	5,000
Construction .....	22,000	18,000
Manufacturing .....	33,000	29,000
Durable two-digit industries .....	6,300	5,900
Nondurable two-digit industries .....	4,500	4,500
Service-producing .....	77,000	72,000
Transportation and public utilities .....	14,000	15,000
Wholesale and retail trade .....	31,000	28,000
Finance, insurance, and real estate .....	8,000	7,000
Services .....	30,000	24,000
Government .....	61,000	53,000

NOTE: Division level data are based on differences from January 1977 through December 1982. Two-digit industry data are based on differences from January 1982 through December 1982.

each cooperating State agency are presented in a summary volume published annual by the BLS.

### PRODUCTIVITY DATA

Tables C-9, C-10, and C-11 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

### Definitions

*Hours* of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

*Output* is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of all persons measure changes in the volume of goods and services produced per paid hour of labor input.

*Compensation per hour* includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

*Real compensation per hour* is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

*Unit labor costs* measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour. *Unit nonlabor payments* includes profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

### Notes on the data

For the business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied hous-

ing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly

measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

## State and Area Unemployment Data (D table)

### FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis of determining eligibility of an area for benefits under Federal programs such as the Job Training and Partnership Act and the Public Works and Economic Development Act.

### ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan area and New York city, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly labor force and unemployment estimates in the remaining 40 States, District of Columbia, and 239 labor market areas are prepared in several stages. Labor force is the sum of the employment and unemployment levels, which are estimated in accordance with the *BLS Manual for Developing Local Area Unemployment Statistics*.

1. *Preliminary estimate—employment:* The total employment estimate is based on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the several categories of employment on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates, to which are added estimates for employment not covered by UI.

2. *Preliminary estimate—unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in

industries covered by State unemployment insurance (UI) laws; (2) those previously employed in industries not covered by these laws; and (3) those who were entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current employment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and person who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each noncovered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of experienced unemployed; (c) the level of experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as:

$$U = A(X + E) + BX, \text{ where}$$

U = total entrant unemployment  
E = total employment  
X = total experienced unemployment  
A, B = synthetic factors incorporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).



3. *Correction factors for employment and unemployment* are then applied at the State level of the UI-based estimates obtained above for each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6-month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) within the State. The total of the geographic areas in the LMA's exhausts the geographic boundaries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by the State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States and the District of Columbia for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in the State UI laws, the structural limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages. Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the disturbance to the original series. Finally, the third stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal CPS annual averages.

## Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating 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 are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment-based data are published regularly in *Employment and Earnings*.

The seasonal adjustment program used for these series is an adaptation of the standard ratio-to-moving average method. It provides for "moving" adjustment

factors to take account of changing seasonal patterns. A detailed description of the method is given in *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalogue NO. 12-564E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjusted labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which places more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, BLS calculates and publishes in *Employment and Earnings* a

set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years are made at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (men and women under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. The seasonally adjusted figure for the labor force is the sum of eight seasonally adjusted civilian employment components, plus the resident Armed Forces total (not adjusted for seasonality), and four seasonally adjusted unemployment components; the total for unemployment is the sum of the four unemployment components; and the overall unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force. Because of the independent seasonal adjustment of various series, components will not necessarily add to totals.

Revised seasonally adjusted data for selected labor force series based on the experience through December 1983, new seasonal adjustment factors to be used to calculate the civilian unemployment rate for the first 6 months of 1984, and a description of the current seasonal adjustment methodology are published in the January 1984 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1979-83 revision period for a broad range of labor force series appear in the February 1984 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March 1983. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for

most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours.

Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. These failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series

Prior to June 1983, seasonal factors for Federal Government employment were derived from unadjusted data which excluded Christmas temporary workers employed by the Postal Service. In earlier years the number of these workers were substantial, and at times varied greatly from year to year, based on administrative decisions of the Postal Service. Hence, it was considered desirable to exclude this group from the unadjusted data upon which the seasonal factors were based. In the past several years, the number of these workers have decreased to the point where their presence has no impact on seasonal adjustment. Beginning with the release of revised seasonal factors in June 1983, Christmas temporary Postal workers are not excluded from the calculation of seasonal factors for Federal Government employees. This change affects the seasonally adjusted Federal Government series from January 1978 forward. Temporary census takers for the 1980 decennial census will continue to be removed prior to the calculation of seasonal factors for Federal Government employment. The revised seasonally adjusted series for the establishment data reflect experience through March 1983. Seasonal factors to be used for current adjustment appear in the June 1983 issue of *Employment and Earnings*.

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## COOPERATING STATE AGENCIES

### *Current Employment Statistics Program (CES), and State and Local Area Unemployment Statistics Program (LAUS)*

BLS Region	
IV ALABAMA	-Research and Statistics Div., Depart. of Industrial Relations, Industrial Relations Building, Room 427, Montgomery 36130
X ALASKA	-Employment Security Division, Department of Labor, P.O. Box 1149, Juneau 99802
IX ARIZONA	-Department of Economic Security, 733-A, P.O. Box 6123, Phoenix 85005
VI ARKANSAS	-Employment Security Division, Department of Labor, State Capitol Mall, P.O. Box 2981, Little Rock 72203
IX CALIFORNIA	-Employment Data and Research Div., Employment Development Depart., P.O. Box 1679, Sacramento 95808.
VIII COLORADO	-Division of Employment and Training, 1278 Lincoln Street, Denver 80203
I CONNECTICUT	-Employment Security Division, Labor Department, 200 Folly Brook Boulevard, Wethersfield 06109
III DELAWARE	-Department of Labor, University Plaza Office Complex, Bldg. D, Chapman Rd., Route 273, Newark 19713
III DIST. OF COL.	-Division of Labor Market Information, Research and Analysis, Department of Employment Services, 500 C Street N.W., Room 411, Washington 20001
IV FLORIDA	-Bureau of Research and Information, Depart. of Labor and Employment Security, 1720 South Gadsden Street, Tallahassee 32301
IV GEORGIA	-Department of Labor, 254 Washington Street, S.W., Atlanta 30334
IX HAWAII	-Department of Labor and Industrial Relations, 830 Punchbowl Street, Honolulu 96813
X IDAHO	-Department of Employment, 317 Main Street, P.O. Box 35, Boise 83707
V ILLINOIS	-Bureau of Employment Security, 910 South Michigan Avenue, 12th Floor, Chicago 60605
V INDIANA	-Employment Security Division, 10 North Senate Avenue, Indianapolis 46204
VII IOWA	-Department of Job Service, 1000 East Grand Avenue, Des Moines 50319
VII KANSAS	-Department of Human Resources, 401 Topeka Avenue, Topeka 66603
IV KENTUCKY	-Department for Manpower Services, Cabinet for Human Resources, 275 E. Main Street, Frankfort 40621
VI LOUISIANA	-Department of Labor, P.O. Box 44094, Capitol Station, 1001 N. 23rd St., Baton Rouge 70804
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III MARYLAND	-Research and Analysis Division, Department of Human Resources, 1100 North Eutaw Street, Baltimore 21201
I MASSACHUSETTS	-Division of Employment Security, Charles F. Hurley Building, Government Center, Boston 02114
V MICHIGAN	-Research and Statistics Division, Employment Security Commission, 7310 Woodward Avenue, Detroit 48202
V MINNESOTA	-Department of Economic Security, 390 North Robert Street, St. Paul 55101
IV MISSISSIPPI	-Employment Security Commission, P.O. Box 1699, Jackson 39205
VII MISSOURI	-Division of Employment Security, P.O. Box 59, Jefferson City 65101
VIII MONTANA	-Department of Labor and Industry, P.O. Box 1728, Helena 59601
VII NEBRASKA	-Division of Employment, Department of Labor, P.O. Box 94600, Lincoln 68509
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II NEW YORK	-Division of Research and Statistics, Department of Labor, State Campus, Building 12, Albany 12240
IV NORTH CAROLINA	-Labor Market Information Division, Employment Security Commission, P.O. Box 25903, Raleigh 27611
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VIII SOUTH DAKOTA	-Department of Labor, P.O. Box 1730, Aberdeen 57401
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