



EMPLOYMENT AND EARNINGS

May 1986

U.S. Department of Labor  
Bureau of Labor Statistics

In this issue:  
Annual averages for  
States and areas





**U.S. DEPARTMENT OF LABOR**  
William E. Brock, 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) and State employment security agencies, 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.
Union affiliation	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, family relationship data, weekly earnings data, and metropolitan-nonmetropolitan data	Jan., Apr., July, Oct.

### Establishment data

National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail (final)	Mar.
Women employees (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 labor force data

Annual averages	May
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<sup>1</sup> Issue varies. Latest revised data introduced June 1985.

<sup>2</sup> Month of publication varies. The latest supplement was published in June 1985.

# Employment and Earnings

Vol. 33 No. 5 May 1986

Editors: Gloria Peterson Green, Rosalie K. Epstein

## Editors' Note

Because of budget reductions which affect the Bureau's Current Employment Statistics program, publication of employment, hours and earnings, and labor force data for a number of metropolitan areas has been suspended (tables B-8, C-8, and D-1). The Bureau regrets any inconvenience to data users.

The national establishment-based series on employment, hours, and earnings in the June issue will reflect the annual revision to new benchmark levels and updated seasonal adjustment factors.

## Contents

	<i>Page</i>
List of statistical tables . . . . .	2
Employment and unemployment developments, April 1986 . . . . .	5
Statistical tables:	
<b>Not seasonally adjusted—</b>	
Household data . . . . .	10
Establishment data:	
Employment . . . . .	46
Hours and earnings . . . . .	81
State and area labor force data . . . . .	112
<b>Seasonally adjusted—</b>	
Household data . . . . .	37
Establishment data:	
Employment . . . . .	58
Hours and earnings . . . . .	101
Productivity data . . . . .	109
<b>Annual averages—States and areas . . . . .</b>	<b>118</b>
Area definitions . . . . .	146
Explanatory notes . . . . .	154

# 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, 1974 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 24 years of age by school enrollment, years of school completed, sex, race, and Hispanic origin . . . . .	15
A- 8.	Employment status of male Vietnam-era veterans and nonveterans by age . . . . .	17
A- 9.	Full-and part-time status of the civilian labor force by sex, age, and race . . . . .	18
A-10.	Employment status of persons in families by family relationship . . . . .	19

## Characteristics of the Unemployed

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

## Employment—National

B- 1.	Employees on nonagricultural payrolls by major industry, 1934 to date .....	45
B- 2.	Employees on nonagricultural payrolls by detailed industry .....	46
B- 3.	Women employees on nonagricultural payrolls by major industry and manufacturing group .....	57
B- 4.	Employees on nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted .....	58
B- 5.	Women employees on nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted .....	59
B- 6.	Production or nonsupervisory workers on private nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted .....	60
B- 7.	Indexes of diffusion: Percent of industries in which employment increased, seasonally adjusted .....	61

## Employment—States and Areas

B- 8.	Employees on nonagricultural payrolls in States and selected areas by major industry .....	62
-------	--	----

## Hours and Earnings—National

C- 1.	Average hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls by major industry, 1964 to date .....	81
C- 2.	Average hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls by detailed industry .....	84
C- 3.	Average hourly earnings, excluding overtime of production workers on manufacturing payrolls .....	100
C- 4.	Average hourly and weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls by major industry, in current and constant (1977) dollars .....	100
C- 5.	Average weekly hours of production or nonsupervisory workers on private nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted .....	101
C- 6.	Indexes of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted .....	102
C- 7.	The Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted .....	103

## Hours and Earnings—States and Areas

C- 8.	Average hours and earnings of production workers on manufacturing payrolls in States and selected areas .....	104
-------	---	-----

# PRODUCTIVITY DATA

C- 9.	Hours of wage and salary workers in nonagricultural establishments by major industry, seasonally adjusted .....	109
C-10.	Indexes of productivity, hourly compensation, unit costs, and prices, seasonally adjusted .....	110
C-11.	Percent changes from the preceding quarter and year in productivity, hourly compensation, unit costs, and prices, seasonally adjusted annual rates .....	111

# MONTHLY STATE AND AREA LABOR FORCE DATA

D- 1.	Labor force status by State and selected metropolitan areas .....	112
-------	---	-----

# ANNUAL AVERAGES—ESTABLISHMENT DATA

## States and Areas, 1983-85

### Employment

	<i>Page</i>
1. Employees on nonagricultural payrolls in States and selected areas by major industry . . . . .	118

### Hours and Earnings

2. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas . . . . .	136
--	-----

# ANNUAL AVERAGES—STATE AND AREA LABOR FORCE DATA

## States and Areas, 1984-85

3. Labor force status by State and selected metropolitan areas . . . . .	141
--	-----

# Employment and Unemployment Developments, April 1986

The number of jobs on nonfarm payrolls rose in April, and unemployment was about unchanged. The overall unemployment rate was 7.0 percent, and the civilian worker rate was 7.1 percent.

Nonagricultural payroll employment—as measured by the survey of business establishments—rose by about 200,000 to reach the 100-million mark in April. Despite weakness in mining and manufacturing, almost 1 million jobs have been added during the first 4 months of 1986. Civilian employment—as measured by the survey of households—was little changed over the month.

## Unemployment

The number of unemployed persons—8.3 million, seasonally adjusted—was virtually unchanged in April, as was the civilian worker unemployment rate of 7.1 percent. There were some minor offsets among the major age-sex groups, however, as the unemployment rate of teenagers rose (to 19.6 percent), while that for adults dropped slightly. Jobless rates for whites (6.1 percent), blacks (14.8 percent), and Hispanics (10.4 percent) were all about the same as in the previous month. (See tables A-33 and A-34.)

Among those unemployed in April, there was a decline in the number of job losers, particularly those on layoff, but an increase in the number of job leavers. The mean and median duration of unemployment were about unchanged at 6.5 and 14.3 weeks, respectively. (See tables A-40 and A-41.)

The number of persons working part time for economic reasons—often referred to as the partially unemployed—rose by nearly 400,000 to 5.9 million. This increase was concentrated among persons who usually work full time but had their hours cut as a result of slack work. (See table A-35.)

## Civilian employment and the labor force

At 108.9 million, seasonally adjusted, civilian employment was virtually unchanged in April, and there were no substantive over-the-month changes among the major age, sex, race, and ethnic groups. The civilian employment-population ratio—the proportion of the civilian population with jobs—was 60.4 percent, the same as in the previous 2 months. Over the year, civilian employment rose by 1.7 million, after adjustment for

the population revisions introduced in January. (See tables A-33 and A-34.)

The civilian labor force held steady at 117.2 million, after seasonal adjustment. In the past year, the civilian labor force has also grown by about 1.7 million (again, after adjustment for population revisions). Adult women accounted for nearly three-fifths of the increase. Because the teenage population was declining between 1978 and 1985, their teenage labor force also decreased throughout most of that period. Over the past year, however, both the teenage population and labor force levels have stabilized.

## Industry payroll employment

The number of employees on nonagricultural payrolls rose by 205,000 in April to 100 million, after seasonal adjustment, continuing the recent pattern of modest job growth. The job count was 2.9 million above its year-earlier level. Construction and services paced the April job expansion. (See table B-4.)

In the service-producing sector, the services industry continued its strong job expansion, increasing by 85,000. There was also a gain of 45,000 in finance, insurance, and real estate, in part reflecting the boom in mortgage financing brought on by falling interest rates. Wholesale trade posted an increase of 25,000, while retail trade employment rose about in line with the usual seasonal expectation for April and thus was little changed after seasonal adjustment. Employment in government and transportation and public utilities was unchanged. Overall, employment in the sector rose by 185,000.

In the goods-producing sector, employment in the construction industry, at nearly 5 million in April, increased by 85,000 over the month, after adjustment for seasonality. This increase reflects the continued strength in the housing industry and especially dry weather during the April survey period.

In marked contrast, the oil and gas extraction component of the mining industry continued to trend downward, dropping by 35,000 in April. This industry has lost 1 out of 8 of its jobs in the last 3 months. Manufacturing employment continued to wane, edging down by 25,000 over the month, the third consecutive decline. There were small but widespread declines among many of the individual manufacturing industries.

### Weekly hours

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls remained at 35.0 hours in April, after seasonal adjustment. Weekly hours in manufacturing edged down 0.1 hour to 40.6 hours, while factory overtime increased 0.1 hour to 3.5 hours. (See table C-5.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls was about unchanged at 119.1 (1977 = 100), after seasonal adjustment. The mining index declined sharply for the third straight month, falling by 4.0 percent in April to 96.6. (See tables C-6.)

### Hourly and weekly earnings

Average hourly and weekly earnings were unchanged

in April, both on an actual and seasonally adjusted basis. Average hourly earnings were \$8.74, not seasonally adjusted, and average weekly earnings were \$304.15. Over the past year, hourly earnings rose 20 cents and weekly earnings \$6.10. (See tables C-1 and C-7.)

### The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 168.8 (1977 = 100) in April, seasonally adjusted, unchanged from March. For the 12 months ended in April, the increase was 2.5 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in manufacturing overtime and interindustry employment shifts. In dollars of constant purchasing power, the HEI increased 0.7 percent during the 12-months ended in March. (See table C-7.)

Scheduled Release Dates			
Employment and unemployment data are scheduled for initial release on the following dates:			
<i>Reference month</i>	<i>Release date</i>	<i>Reference month</i>	<i>Release date</i>
May	June 6	August	September 5
June	July 3	September	October 3
July	August 1	October	November 7



**HOUSEHOLD DATA  
HISTORICAL**

**A-1. Employment status of the noninstitutional population 16 years and over, 1952 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>												
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	
1984 .....	178,080	115,241	64.7	106,702	1,697	105,005	3,321	101,685	8,539	7.4	62,839	
1985 .....	179,912	117,167	65.1	108,856	1,706	107,150	3,179	103,971	8,312	7.1	62,744	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
<b>1985:</b>												
April .....	179,501	116,958	65.2	108,574	1,702	106,872	3,353	103,519	8,384	7.2	62,543	
May .....	179,649	117,044	65.2	108,644	1,705	106,939	3,284	103,655	8,400	7.2	62,605	
June .....	179,798	116,726	64.9	108,303	1,702	106,601	3,140	103,461	8,423	7.2	63,072	
July .....	179,967	116,976	65.0	108,575	1,704	106,871	3,120	103,751	8,401	7.2	62,991	
August .....	180,131	117,069	65.0	108,936	1,726	107,210	3,095	104,115	8,133	6.9	63,062	
September .....	180,304	117,522	65.2	109,251	1,732	107,519	3,017	104,502	8,271	7.0	62,782	
October .....	180,470	117,814	65.3	109,513	1,700	107,813	3,058	104,755	8,301	7.0	62,656	
November .....	180,642	117,832	65.2	109,671	1,702	107,969	3,070	104,899	8,161	6.9	62,810	
December .....	180,810	117,927	65.2	109,904	1,698	108,206	3,151	105,055	8,023	6.8	62,883	
<b>1986:</b>												
January <sup>1</sup> .....	181,361	118,477	65.3	110,646	1,691	108,955	3,299	105,655	7,831	6.6	62,885	
February .....	181,512	118,779	65.4	110,252	1,691	108,561	3,096	105,465	8,527	7.2	62,733	
March .....	181,678	118,900	65.4	110,481	1,693	108,788	3,285	105,503	8,419	7.1	62,778	
April .....	181,843	118,929	65.4	110,587	1,695	108,892	3,222	105,670	8,342	7.0	62,914	

<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.

NOTE: Revisions of seasonally adjusted monthly and quarterly data (shown in tables A-1 through A-3 and A-32 through A-53 of this publication) for the most recent 5-year period are made at the end of each calendar year.

**HOUSEHOLD DATA  
HISTORICAL**

**A-2. Employment status of the noninstitutional population 16 years and over by sex, 1975 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>												
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	2,686	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	57,800	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	
1984 .....	85,156	65,386	76.8	60,642	1,551	59,091	2,668	56,423	4,744	7.3	19,771	
1985 .....	86,025	65,967	76.7	61,447	1,556	59,891	2,535	57,356	4,521	6.9	20,058	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
1985:												
April .....	85,827	65,929	76.8	61,373	1,553	59,820	2,650	57,170	4,556	6.9	19,898	
May .....	85,898	66,012	76.8	61,498	1,556	59,942	2,636	57,306	4,514	6.8	19,886	
June .....	85,970	65,808	76.5	61,175	1,552	59,623	2,520	57,103	4,633	7.0	20,162	
July .....	86,052	65,884	76.6	61,273	1,554	59,719	2,479	57,240	4,611	7.0	20,168	
August .....	86,132	65,945	76.6	61,510	1,574	59,936	2,475	57,461	4,435	8.0	20,187	
September .....	86,217	66,074	76.6	61,629	1,580	60,049	2,413	57,636	4,445	6.7	20,143	
October .....	86,293	66,227	76.7	61,656	1,551	60,105	2,402	57,703	4,571	6.9	20,066	
November .....	86,374	66,176	76.6	61,731	1,552	60,179	2,435	57,744	4,445	6.7	20,198	
December .....	86,459	66,139	76.5	61,793	1,549	60,244	2,506	57,738	4,346	6.6	20,320	
1986:												
January <sup>1</sup> .....	86,882	66,679	76.7	62,458	1,539	60,919	2,546	58,373	4,221	6.3	20,203	
February .....	86,954	66,838	76.9	62,243	1,539	60,704	2,451	58,253	4,595	6.9	20,116	
March .....	87,035	66,864	76.8	62,288	1,540	60,748	2,643	58,104	4,577	6.8	20,171	
April .....	87,120	66,757	76.6	62,254	1,541	60,713	2,606	58,107	4,503	6.7	20,363	
<b>Annual averages</b>												
<b>WOMEN</b>												
1975 .....	80,938	37,553	46.4	34,067	78	33,989	584	33,404	3,486	9.3	43,388	
1976 .....	82,476	39,069	47.4	35,701	86	35,615	588	35,027	3,369	8.8	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	
1984 .....	92,924	49,855	53.7	46,061	146	45,915	653	45,282	3,794	7.6	43,066	
1985 .....	93,886	51,200	54.5	47,409	150	47,259	644	46,615	3,791	7.4	42,686	
<b>Monthly data, seasonally adjusted<sup>2</sup></b>												
1985:												
April .....	93,674	51,029	54.5	47,201	149	47,052	703	46,349	3,828	7.5	42,645	
May .....	93,751	51,032	54.4	47,146	149	46,997	648	46,349	3,886	7.6	42,719	
June .....	93,828	50,918	54.3	47,128	150	46,978	620	46,358	3,790	7.4	42,910	
July .....	93,915	51,092	54.4	47,302	150	47,152	641	46,511	3,790	7.4	42,823	
August .....	93,999	51,124	54.4	47,426	152	47,274	620	46,654	3,698	7.2	42,875	
September .....	94,087	51,448	54.7	47,622	152	47,470	604	46,866	3,828	7.4	42,839	
October .....	94,177	51,587	54.8	47,857	149	47,708	656	47,052	3,730	7.2	42,590	
November .....	94,266	51,655	54.8	47,939	149	47,790	635	47,155	3,718	7.2	42,611	
December .....	94,351	51,788	54.9	48,111	149	47,962	645	47,317	3,877	7.1	42,563	
1986:												
January <sup>1</sup> .....	94,479	51,797	54.8	48,187	152	48,035	753	47,282	3,610	7.0	42,682	
February .....	94,558	51,941	54.9	48,009	152	47,857	645	47,212	3,932	7.6	42,617	
March .....	94,643	52,036	55.0	48,194	153	48,041	642	47,399	3,642	7.4	42,607	
April .....	94,723	52,172	55.1	48,333	154	48,179	616	47,563	3,839	7.4	42,551	

<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, 1952 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>								
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
1984 .....	176,383	113,544	64.4	105,005	8,539	7.5	7.4	7.6
1985 .....	178,206	115,461	64.8	107,150	8,312	7.2	7.0	7.4
<b>Monthly data, seasonally adjusted<sup>2</sup></b>								
<b>1985:</b>								
April .....	177,799	115,256	64.8	106,872	8,384	7.3	7.1	7.5
May .....	177,944	115,339	64.8	106,939	8,400	7.3	7.0	7.6
June .....	178,096	115,024	64.6	106,601	8,423	7.3	7.2	7.5
July .....	178,263	115,272	64.7	106,871	8,401	7.3	7.2	7.4
August .....	178,405	115,343	64.7	107,210	8,133	7.1	6.9	7.3
September .....	178,572	115,790	64.8	107,519	8,271	7.1	6.9	7.5
October .....	178,770	116,114	65.0	107,813	8,301	7.1	7.1	7.3
November .....	178,940	116,130	64.9	107,969	8,161	7.0	6.9	7.2
December .....	179,112	116,229	64.9	108,206	8,023	6.9	6.7	7.1
<b>1986:</b>								
January <sup>1</sup> .....	179,670	116,786	65.0	108,955	7,831	6.7	6.5	7.0
February .....	179,821	117,088	65.1	108,561	8,527	7.3	7.0	7.6
March .....	179,985	117,207	65.1	108,788	8,419	7.2	7.0	7.4
April .....	180,148	117,234	65.1	108,892	8,342	7.1	6.9	7.4

<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	April 1986										
	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>											
18 years and over .....	180,148	116,317	64.6	108,201	8,115	7.0	63,831	29,917	9,624	2,912	21,378
18 to 19 years .....	14,484	7,468	51.6	6,071	1,397	18.7	7,016	387	8,245	18	367
18 to 17 years .....	7,360	3,071	41.7	2,417	653	21.3	4,290	96	4,034	7	154
18 to 19 years .....	7,123	4,397	61.7	3,853	744	16.9	2,726	291	2,211	11	213
20 to 24 years .....	19,706	15,115	76.7	13,506	1,609	10.6	4,591	1,714	2,211	94	571
25 to 54 years .....	96,532	78,882	81.7	74,361	4,520	5.7	17,648	12,745	1,136	989	2,779
25 to 34 years .....	41,567	34,297	82.5	31,934	2,364	6.9	7,269	5,267	823	243	936
25 to 29 years .....	21,357	17,615	82.5	16,323	1,292	7.3	3,742	2,578	523	125	515
30 to 34 years .....	20,209	16,682	82.5	15,610	1,071	8.4	3,528	2,689	300	117	421
35 to 44 years .....	32,317	26,937	83.4	25,554	1,383	5.1	5,380	4,016	234	313	817
35 to 39 years .....	18,199	15,208	83.8	14,418	790	5.2	2,992	2,304	147	157	397
40 to 44 years .....	14,117	11,729	83.1	11,136	592	5.0	2,388	1,726	86	156	420
45 to 54 years .....	22,647	17,648	77.9	16,874	774	4.4	5,000	3,462	79	433	1,026
45 to 49 years .....	11,804	9,513	80.6	9,108	405	4.3	2,291	1,647	53	180	411
50 to 54 years .....	10,843	8,135	75.0	7,766	369	4.5	2,708	1,815	28	253	815
55 to 64 years .....	22,045	11,832	53.7	11,322	510	4.3	10,213	5,351	19	732	4,112
55 to 59 years .....	11,194	7,169	64.0	6,863	307	4.3	4,024	2,426	10	363	1,225
60 to 64 years .....	10,851	4,663	43.0	4,459	204	4.4	6,188	2,925	8	368	2,887
65 years and over .....	27,382	3,019	11.0	2,941	78	2.6	24,363	9,720	14	1,080	13,549
65 to 69 years .....	9,480	1,850	19.5	1,790	60	3.2	7,630	3,086	5	238	4,300
70 years and over .....	17,902	1,170	6.5	1,151	18	1.5	16,733	6,633	9	842	9,249
<b>Men</b>											
16 years and over .....	85,579	64,651	75.5	60,124	4,527	7.0	20,928	428	4,933	1,645	13,922
16 to 19 years .....	7,270	3,850	53.0	3,114	736	19.1	3,420	10	3,193	16	201
16 to 17 years .....	3,758	1,585	42.2	1,248	338	21.3	2,173	5	2,083	6	79
18 to 19 years .....	3,512	2,264	64.5	1,866	398	17.6	1,247	5	1,110	10	122
20 to 24 years .....	9,565	7,976	83.4	7,054	921	11.6	1,590	14	1,219	41	316
25 to 54 years .....	47,102	44,058	93.5	41,548	2,509	5.7	3,043	147	513	687	1,696
25 to 34 years .....	20,433	19,231	94.1	17,941	1,289	6.7	1,202	72	412	172	547
25 to 29 years .....	10,475	9,784	93.4	9,085	699	7.1	691	30	276	85	299
30 to 34 years .....	9,958	9,447	94.9	8,856	590	6.2	512	41	136	86	248
35 to 44 years .....	15,719	14,864	94.6	14,117	748	5.0	855	47	70	227	512
35 to 39 years .....	8,855	8,417	95.0	7,985	432	5.1	439	27	47	117	247
40 to 44 years .....	6,863	6,447	93.9	6,132	315	4.9	416	20	22	110	265
45 to 54 years .....	10,950	9,963	91.0	9,490	473	4.7	966	29	31	289	638
45 to 49 years .....	5,731	5,323	92.9	5,082	241	4.5	408	17	21	124	246
50 to 54 years .....	5,218	4,640	88.9	4,408	232	5.0	578	12	10	165	392
55 to 64 years .....	10,347	6,946	67.1	6,635	312	4.5	3,401	59	7	471	2,863
55 to 59 years .....	5,307	4,191	79.0	3,991	200	4.8	1,117	23	5	245	844
60 to 64 years .....	5,039	2,755	54.7	2,644	112	4.1	2,284	36	2	227	2,019
65 years and over .....	11,295	1,821	16.1	1,773	48	2.7	9,474	198	1	430	8,845
65 to 69 years .....	4,289	1,076	25.1	1,037	39	3.6	3,213	49	1	133	3,030
70 years and over .....	7,006	746	10.6	736	10	1.3	6,261	148	1	297	5,815
<b>Women</b>											
16 years and over .....	94,569	51,665	54.6	48,077	3,588	6.9	42,904	29,489	4,692	1,267	7,456
16 to 19 years .....	7,214	3,618	50.2	2,957	661	18.3	3,596	378	3,052	2	165
16 to 17 years .....	3,602	1,485	41.2	1,170	316	21.2	2,117	90	1,951	1	75
18 to 19 years .....	3,611	2,133	59.1	1,787	346	16.2	1,479	286	1,101	2	90
20 to 24 years .....	10,141	7,140	70.4	6,452	688	9.6	3,001	1,701	992	54	255
25 to 54 years .....	49,430	34,824	70.5	32,813	2,011	5.8	14,605	12,598	623	302	1,083
25 to 34 years .....	21,134	15,067	71.3	13,992	1,074	7.1	6,067	5,196	411	71	389
25 to 29 years .....	10,882	7,831	72.0	7,238	593	7.6	3,051	2,548	247	40	216
30 to 34 years .....	10,251	7,235	70.6	6,754	481	6.6	3,016	2,648	164	31	173
35 to 44 years .....	16,598	12,073	72.7	11,437	636	5.3	4,525	3,969	164	86	306
35 to 39 years .....	9,344	6,791	72.7	6,433	358	5.3	2,553	2,263	100	40	150
40 to 44 years .....	7,254	5,282	72.8	5,004	277	5.3	1,972	1,706	64	46	155
45 to 54 years .....	11,698	7,685	65.7	7,383	301	3.9	4,013	3,433	48	144	388
45 to 49 years .....	6,073	4,190	69.0	4,026	164	3.9	1,883	1,630	32	56	165
50 to 54 years .....	5,625	3,495	62.1	3,358	137	3.9	2,130	1,803	16	88	223
55 to 64 years .....	11,698	4,886	41.8	4,687	199	4.1	6,812	5,292	11	260	1,248
55 to 59 years .....	5,886	2,979	50.6	2,872	107	3.6	2,808	2,403	5	118	381
60 to 64 years .....	5,812	1,907	32.8	1,815	92	4.8	3,904	2,889	6	142	867
65 years and over .....	16,087	1,198	7.4	1,168	30	2.5	14,889	9,522	13	650	4,704
65 to 69 years .....	5,191	774	14.9	753	21	2.8	4,417	3,037	5	105	1,270
70 years and over .....	10,896	424	3.9	415	8	2.0	10,472	6,485	8	545	3,434

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	April 1986										
	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 .....	155,122	100,526	64.8	94,533	5,996	6.0	54,594	26,257	7,443	2,262	18,633
16 to 19 years .....	11,878	6,453	54.3	5,438	1,015	15.7	5,425	319	4,823	18	265
16 to 17 years .....	6,012	2,721	45.3	2,206	515	18.9	3,292	80	3,089	7	115
18 to 19 years .....	5,865	3,732	63.6	3,232	500	13.4	2,133	239	1,734	11	149
20 to 24 years .....	16,480	12,861	78.0	11,765	1,096	8.5	3,619	1,403	1,749	65	402
25 to 54 years .....	82,574	67,883	82.2	64,498	3,385	5.0	14,690	10,904	840	762	2,183
25 to 34 years .....	35,192	29,317	83.3	27,576	1,742	5.9	5,875	4,417	595	172	690
25 to 29 years .....	18,023	15,051	83.5	14,107	943	6.3	2,973	2,118	382	89	382
30 to 34 years .....	17,168	14,266	83.1	13,468	798	5.6	2,902	2,299	213	82	308
35 to 44 years .....	27,847	23,292	83.6	22,265	1,027	4.4	4,555	3,471	180	252	652
35 to 39 years .....	15,827	13,092	83.8	12,511	580	7.1	2,536	1,982	115	127	319
40 to 44 years .....	12,219	10,201	83.5	9,754	447	4.4	2,019	1,498	65	125	333
45 to 54 years .....	19,534	15,274	78.2	14,657	617	4.0	4,261	3,017	64	338	841
45 to 49 years .....	10,145	8,199	80.8	7,883	314	3.8	1,946	1,424	43	148	324
50 to 54 years .....	9,390	7,076	75.4	6,772	302	4.4	2,314	1,629	21	191	518
55 to 64 years .....	19,522	10,573	54.2	10,137	436	4.1	8,948	4,775	17	559	3,587
55 to 59 years .....	9,852	6,362	64.6	6,111	251	3.9	3,490	2,159	8	277	1,047
60 to 64 years .....	9,670	4,212	43.6	4,026	185	4.4	5,458	2,617	8	282	2,551
65 years and over .....	24,670	2,757	11.2	2,695	82	2.3	21,912	8,855	14	857	12,186
65 to 69 years .....	8,471	1,683	19.9	1,631	51	3.0	6,788	2,763	5	183	3,837
70 years and over .....	16,199	1,074	6.6	1,063	12	1.1	15,124	6,092	10	674	8,349
<b>Men</b>											
16 years and over .....	74,233	56,602	76.2	53,193	3,409	6.0	17,631	346	3,834	1,271	12,180
16 to 19 years .....	5,978	3,323	55.6	2,780	542	18.3	2,855	8	2,484	15	148
16 to 17 years .....	3,071	1,408	45.8	1,133	275	19.5	1,663	4	1,592	6	61
18 to 19 years .....	2,906	1,915	65.9	1,647	267	14.0	992	4	892	10	87
20 to 24 years .....	8,068	6,836	84.7	6,182	653	9.6	1,232	14	981	29	208
25 to 54 years .....	40,787	38,468	94.3	36,560	1,908	5.0	2,319	103	362	529	1,324
25 to 34 years .....	17,508	16,682	95.2	15,678	984	5.9	847	41	293	119	394
25 to 29 years .....	8,956	8,454	94.4	7,917	536	6.3	503	14	203	81	223
30 to 34 years .....	8,552	8,208	96.0	7,761	447	5.4	344	27	89	57	171
35 to 44 years .....	13,728	13,053	95.1	12,496	557	4.3	675	41	49	176	409
35 to 39 years .....	7,724	7,373	95.4	7,047	325	4.4	352	23	38	93	199
40 to 44 years .....	8,004	5,681	71.0	5,449	232	4.1	324	18	13	83	210
45 to 54 years .....	9,551	8,753	91.7	8,386	387	4.2	797	21	20	235	521
45 to 49 years .....	4,978	4,651	93.4	4,474	176	3.8	327	15	13	108	192
50 to 54 years .....	4,573	4,103	89.7	3,911	191	4.7	470	7	7	127	330
55 to 64 years .....	9,220	6,279	68.1	6,017	262	4.2	2,941	44	6	362	2,529
55 to 59 years .....	4,707	3,761	79.9	3,601	160	4.3	946	16	4	195	732
60 to 64 years .....	4,513	2,518	55.8	2,416	102	4.1	1,995	28	2	168	1,797
65 years and over .....	10,179	1,696	16.7	1,654	43	2.5	8,483	176	1	335	7,970
65 to 69 years .....	3,845	996	25.9	960	36	3.6	2,849	38	1	105	2,708
70 years and over .....	6,334	700	11.1	693	7	1.0	5,634	138	1	230	5,285
<b>Women</b>											
16 years and over .....	80,890	43,926	54.3	41,339	2,587	5.9	36,963	25,911	3,608	991	6,453
16 to 19 years .....	5,900	3,130	53.1	2,857	473	15.1	2,770	311	2,340	2	117
16 to 17 years .....	2,941	1,313	44.6	1,072	240	18.3	1,628	76	1,497	1	54
18 to 19 years .....	2,959	1,818	61.4	1,585	233	12.8	1,141	235	642	2	63
20 to 24 years .....	8,412	6,026	71.6	5,583	443	7.4	2,388	1,389	768	36	194
25 to 54 years .....	41,787	29,415	70.4	27,938	1,477	5.0	12,371	10,801	478	233	859
25 to 34 years .....	17,884	12,856	71.6	11,898	758	6.0	5,028	4,376	302	53	296
25 to 29 years .....	9,067	6,597	72.8	6,190	407	6.2	2,470	2,104	179	28	159
30 to 34 years .....	8,616	6,058	70.3	5,707	351	5.8	2,558	2,272	124	25	137
35 to 44 years .....	14,119	10,239	72.5	9,769	470	4.6	3,880	3,430	131	76	243
35 to 39 years .....	7,903	5,719	72.4	5,464	255	4.5	2,184	1,951	79	34	120
40 to 44 years .....	6,215	4,520	72.7	4,305	215	4.8	1,695	1,479	52	42	123
45 to 54 years .....	9,984	6,521	65.3	6,271	250	3.8	3,463	2,995	44	104	320
45 to 49 years .....	5,167	3,548	68.7	3,409	138	3.9	1,619	1,416	30	40	132
50 to 54 years .....	4,817	2,973	61.7	2,861	111	3.7	1,844	1,579	14	64	188
55 to 64 years .....	10,301	4,294	41.7	4,121	174	4.0	6,007	4,731	10	197	1,068
55 to 59 years .....	5,145	2,601	50.5	2,510	91	3.5	2,544	2,143	4	82	314
60 to 64 years .....	5,156	1,694	32.8	1,611	83	4.9	3,463	2,588	6	115	754
65 years and over .....	14,491	1,061	7.3	1,041	20	1.9	13,430	8,679	13	522	4,215
65 to 69 years .....	4,626	687	14.8	671	15	2.2	3,939	2,725	5	78	1,131
70 years and over .....	9,865	374	3.8	370	5	1.2	9,490	5,954	9	444	3,064

**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	April 1986										
	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 .....	19,916	12,579	63.2	10,737	1,842	14.6	7,337	2,881	1,612	593	2,253
16 to 19 years .....	2,137	850	39.8	504	346	40.7	1,287	58	1,142	-	87
16 to 17 years .....	1,085	281	25.9	162	119	42.4	804	12	762	-	29
18 to 19 years .....	1,052	589	54.1	342	227	39.9	483	46	380	-	58
20 to 24 years .....	2,835	1,881	71.4	1,426	454	24.2	755	259	314	25	157
25 to 54 years .....	10,781	8,606	79.8	7,639	967	11.2	2,174	1,344	158	206	470
25 to 34 years .....	5,001	4,005	80.1	3,456	550	13.7	995	807	109	71	209
25 to 29 years .....	2,629	2,073	78.9	1,767	307	14.8	555	330	73	36	118
30 to 34 years .....	2,372	1,932	81.5	1,689	243	12.6	439	277	36	36	91
35 to 44 years .....	3,376	2,759	81.7	2,463	297	10.7	617	393	36	58	130
35 to 39 years .....	1,945	1,611	82.8	1,437	173	10.7	334	216	23	27	68
40 to 44 years .....	1,432	1,149	80.2	1,025	123	10.7	283	177	12	31	63
45 to 54 years .....	2,404	1,842	76.6	1,720	122	6.6	562	344	11	77	131
45 to 49 years .....	1,260	1,010	80.2	945	66	6.5	249	165	8	22	54
50 to 54 years .....	1,143	831	72.7	775	56	6.7	312	178	2	55	76
55 to 64 years .....	2,075	1,023	49.3	983	60	5.9	1,052	479	-	182	411
55 to 59 years .....	1,094	648	59.2	601	47	7.2	446	223	-	84	139
60 to 64 years .....	981	375	38.2	362	13	3.5	807	256	-	78	272
65 years and over .....	2,288	219	9.6	205	14	8.3	2,069	741	-	200	1,128
65 to 69 years .....	831	139	16.7	131	7	5.0	693	262	-	46	385
70 years and over .....	1,457	81	5.8	74	7	8.6	1,376	479	-	154	743
<b>Men</b>											
16 years and over .....	8,922	6,324	70.9	5,364	960	15.2	2,598	72	788	347	1,416
16 to 19 years .....	1,049	433	41.4	266	167	38.6	616	2	569	-	46
16 to 17 years .....	545	135	24.8	85	50	37.1	409	1	397	-	10
18 to 19 years .....	505	298	59.1	181	117	39.3	206	1	171	-	35
20 to 24 years .....	1,200	946	78.8	708	238	25.1	254	-1	144	11	101
25 to 54 years .....	4,820	4,295	89.1	3,786	509	11.9	525	35	55	146	290
25 to 34 years .....	2,251	2,010	89.3	1,743	267	13.3	241	23	38	53	128
25 to 29 years .....	1,185	1,060	89.4	919	141	13.3	125	13	25	24	64
30 to 34 years .....	1,066	950	89.2	824	126	13.3	115	10	12	30	63
35 to 44 years .....	1,501	1,362	90.7	1,200	162	11.9	140	5	8	48	78
35 to 39 years .....	865	792	91.5	701	90	11.4	73	3	5	22	43
40 to 44 years .....	837	570	68.1	498	71	12.5	67	2	3	26	36
45 to 54 years .....	1,088	923	86.5	843	81	8.7	144	7	9	45	84
45 to 49 years .....	559	502	89.8	457	45	8.9	57	3	7	13	34
50 to 54 years .....	508	421	82.9	385	36	8.5	87	3	2	32	49
55 to 64 years .....	932	544	58.4	503	41	7.6	388	14	-	102	272
55 to 59 years .....	494	349	70.6	315	34	9.9	145	7	-	48	90
60 to 64 years .....	437	195	44.6	188	7	3.6	242	6	-	53	182
65 years and over .....	921	105	11.4	101	4	3.5	816	22	-	88	707
65 to 69 years .....	360	64	17.7	83	1	( <sup>1</sup> )	296	11	-	24	261
70 years and over .....	561	41	7.3	38	3	( <sup>1</sup> )	520	10	-	64	446
<b>Women</b>											
16 years and over .....	10,994	6,255	56.9	5,373	882	14.1	4,739	2,810	844	246	839
16 to 19 years .....	1,088	416	38.2	238	179	42.9	671	56	573	-	41
16 to 17 years .....	540	146	27.0	77	69	47.4	394	11	365	-	19
18 to 19 years .....	547	271	49.4	161	109	40.5	277	45	209	-	23
20 to 24 years .....	1,435	935	65.1	718	217	23.2	501	260	170	14	56
25 to 54 years .....	5,961	4,311	72.3	3,853	458	10.6	1,649	1,309	101	60	180
25 to 34 years .....	2,750	1,995	72.6	1,713	282	14.2	754	584	71	18	81
25 to 29 years .....	1,444	1,013	70.2	848	166	16.3	430	317	48	12	54
30 to 34 years .....	1,306	982	75.2	865	117	11.9	324	267	24	6	28
35 to 44 years .....	1,875	1,398	74.6	1,263	135	9.7	477	388	28	10	52
35 to 39 years .....	1,080	819	75.8	736	83	10.1	261	213	18	5	25
40 to 44 years .....	795	579	72.9	527	52	9.0	218	175	9	5	27
45 to 54 years .....	1,336	918	68.7	878	41	4.4	418	337	2	32	47
45 to 49 years .....	701	508	72.5	488	21	4.1	192	162	1	9	20
50 to 54 years .....	635	410	64.5	390	20	4.9	225	175	-	23	27
55 to 64 years .....	1,143	478	41.8	460	18	3.9	665	465	-	60	139
55 to 59 years .....	600	299	49.9	287	12	4.1	301	216	-	35	49
60 to 64 years .....	544	179	33.0	173	6	3.4	364	250	-	25	90
65 years and over .....	1,367	115	8.4	104	10	8.8	1,253	719	-	112	421
65 to 89 years .....	471	75	15.8	68	6	8.4	397	251	-	22	124
70 years and over .....	896	40	4.5	36	4	( <sup>1</sup> )	856	469	-	90	297

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

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

(Numbers in thousands)

Age and sex	April 1986								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 .....	25,025	15,788	63.1	13,669	212	13,457	2,120	13.4	9,237
16 to 19 years .....	2,606	1,015	38.9	633	19	614	382	37.6	1,591
16 to 17 years .....	1,348	350	26.0	212	6	206	138	39.5	998
18 to 19 years .....	1,258	665	52.9	421	13	408	244	36.6	593
20 to 24 years .....	3,226	2,254	69.9	1,741	26	1,715	512	22.7	972
25 to 54 years .....	13,958	10,999	78.8	9,864	114	9,750	1,136	10.3	2,958
25 to 34 years .....	6,375	4,980	78.1	4,358	37	4,321	822	12.5	1,395
25 to 29 years .....	3,334	2,564	76.9	2,216	19	2,197	349	13.6	769
30 to 34 years .....	3,041	1,311	43.1	2,143	18	2,124	273	20.8	625
35 to 44 years .....	4,470	3,645	81.5	3,288	39	3,249	356	9.8	825
35 to 39 years .....	2,572	2,116	82.3	1,905	20	1,885	211	10.0	456
40 to 44 years .....	1,897	1,529	80.6	1,383	19	1,364	145	9.5	370
45 to 54 years .....	3,113	2,374	76.3	2,217	37	2,180	157	6.8	739
45 to 49 years .....	1,660	1,315	79.2	1,224	14	1,210	90	8.8	345
50 to 54 years .....	1,454	1,059	72.8	993	23	970	66	6.2	394
55 to 64 years .....	2,524	1,259	49.9	1,185	41	1,144	74	5.9	1,265
55 to 59 years .....	1,342	808	60.2	752	17	735	56	6.9	534
60 to 64 years .....	1,182	451	38.2	433	24	409	19	4.1	730
65 years and over .....	2,713	262	9.7	246	12	234	16	6.1	2,450
65 to 69 years .....	1,009	168	16.7	158	5	153	9	5.4	842
70 years and over .....	1,703	94	5.5	89	7	81	8	8.5	1,809
<b>Men</b>									
16 years and over .....	11,346	8,049	70.9	6,931	177	6,754	1,118	13.9	3,297
16 to 19 years .....	1,292	527	40.8	334	19	314	194	36.7	765
16 to 17 years .....	687	177	25.8	115	6	109	63	35.4	509
18 to 19 years .....	605	350	57.8	219	13	206	131	37.4	255
20 to 24 years .....	1,497	1,140	76.1	872	26	846	268	23.5	357
25 to 54 years .....	6,315	5,590	88.5	4,989	81	4,907	602	10.8	724
25 to 34 years .....	2,925	2,569	87.8	2,263	22	2,241	306	11.9	356
25 to 29 years .....	1,519	1,330	87.6	1,168	13	1,155	163	12.2	188
30 to 34 years .....	1,408	1,239	88.1	1,096	9	1,086	143	11.6	187
35 to 44 years .....	1,991	1,811	91.0	1,620	31	1,589	191	10.5	180
35 to 39 years .....	1,131	1,044	92.3	937	16	921	107	10.3	87
40 to 44 years .....	859	767	89.2	683	16	668	83	10.9	93
45 to 54 years .....	1,399	1,210	86.5	1,105	28	1,077	105	8.7	189
45 to 49 years .....	754	673	89.3	608	10	598	65	9.6	81
50 to 54 years .....	646	537	83.2	497	17	480	40	7.5	108
55 to 64 years .....	1,127	667	59.2	618	38	580	49	7.4	459
55 to 59 years .....	600	430	71.6	390	14	376	39	9.2	171
60 to 64 years .....	526	238	45.1	228	24	204	10	4.1	289
65 years and over .....	1,116	125	11.2	119	12	107	6	4.7	991
65 to 69 years .....	444	80	18.0	77	5	72	3	3.9	364
70 years and over .....	672	45	6.7	43	7	35	3	( <sup>1</sup> )	627
<b>Women</b>									
16 years and over .....	13,679	7,739	56.6	6,738	35	6,702	1,002	12.9	5,940
16 to 19 years .....	1,314	488	37.1	299	-	300	188	38.6	826
16 to 17 years .....	661	173	26.1	97	-	97	75	43.7	489
18 to 19 years .....	652	315	48.3	202	-	202	113	35.8	337
20 to 24 years .....	1,729	1,114	64.4	869	-	870	245	22.0	615
25 to 54 years .....	7,643	5,409	70.8	4,875	33	4,843	534	9.9	2,234
25 to 34 years .....	3,450	2,411	69.9	2,095	15	2,080	316	13.1	1,039
25 to 29 years .....	1,815	1,234	68.0	1,048	6	1,042	186	15.1	581
30 to 34 years .....	1,635	1,177	72.0	1,047	9	1,038	130	11.0	458
35 to 44 years .....	2,479	1,834	74.0	1,668	8	1,660	166	9.0	646
35 to 39 years .....	1,441	1,072	74.4	968	4	964	104	9.7	369
40 to 44 years .....	1,038	762	73.4	700	3	696	62	8.1	277
45 to 54 years .....	1,714	1,164	67.9	1,113	10	1,103	51	4.4	550
45 to 49 years .....	906	642	70.9	616	4	612	25	3.9	264
50 to 54 years .....	808	522	64.6	496	6	490	26	5.0	286
55 to 64 years .....	1,397	592	42.4	567	3	563	25	4.3	805
55 to 59 years .....	741	378	51.0	362	3	358	16	4.3	364
60 to 64 years .....	655	214	32.6	205	-	205	9	4.2	442
65 years and over .....	1,596	137	8.6	127	-	127	10	7.4	1,459
65 to 69 years .....	565	88	15.5	81	-	81	6	7.1	478
70 years and over .....	1,031	49	4.8	46	-	46	4	( <sup>1</sup> )	982

<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	
	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
<b>TOTAL</b>								
Civilian noninstitutional population .....	177,799	180,148	76,988	78,309	86,274	87,355	14,538	14,484
Civilian labor force .....	114,325	116,317	59,914	60,801	47,044	48,047	7,367	7,468
Percent of population .....	64.3	64.6	77.6	77.8	54.5	55.0	50.7	51.8
Employed .....	106,175	108,201	56,012	57,010	44,042	45,120	6,121	6,071
Agriculture .....	3,229	3,121	2,302	2,298	605	554	322	270
Nonagricultural industries .....	102,946	105,080	53,710	54,713	43,437	44,566	5,799	5,801
Unemployed .....	8,150	8,115	3,902	3,791	3,002	2,927	1,246	1,397
Unemployment rate .....	7.1	7.0	6.5	6.2	6.4	6.1	16.9	18.7
Not in labor force .....	63,474	63,831	17,073	17,508	39,230	39,308	7,171	7,016
<b>White</b>								
Civilian noninstitutional population .....	153,388	155,122	87,238	88,255	74,229	74,990	11,920	11,878
Civilian labor force .....	99,023	100,528	52,631	53,279	39,990	40,796	6,403	6,453
Percent of population .....	64.6	64.8	78.3	78.1	53.9	54.4	53.7	54.3
Employed .....	92,950	94,533	49,670	50,413	37,799	38,682	5,481	5,438
Agriculture .....	2,987	2,909	2,107	2,140	577	519	303	251
Nonagricultural industries .....	89,963	91,623	47,563	48,273	37,221	38,164	5,178	5,187
Unemployed .....	6,074	5,996	2,960	2,867	2,191	2,114	922	1,015
Unemployment rate .....	6.1	6.0	5.6	5.4	5.5	5.2	14.4	15.7
Not in labor force .....	54,364	54,594	14,808	14,976	34,239	34,194	5,517	5,425
<b>Black</b>								
Civilian noninstitutional population .....	19,594	19,916	7,696	7,873	9,731	9,906	2,165	2,137
Civilian labor force .....	12,197	12,579	5,692	5,890	5,705	5,839	800	850
Percent of population .....	62.2	63.2	73.9	74.8	58.6	58.9	37.0	39.8
Employed .....	10,370	10,737	4,888	5,098	4,978	5,135	504	504
Agriculture .....	181	153	151	120	17	22	14	11
Nonagricultural industries .....	10,189	10,584	4,736	4,978	4,962	5,113	491	493
Unemployed .....	1,827	1,842	805	792	726	703	296	346
Unemployment rate .....	15.0	14.6	14.1	13.4	12.7	12.0	37.0	40.7
Not in labor force .....	7,398	7,337	2,005	1,983	4,027	4,068	1,365	1,287



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-7. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, years of school completed, sex, race, and Hispanic origin**

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	April 1986									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			
				Total	Full time <sup>1</sup>	Part time <sup>1</sup>	Total	Looking for full-time work	Looking for part-time work	Percent of labor force
<b>TOTAL ENROLLED</b>										
Total, 16 to 24 years .....	15,687	7,303	46.6	6,307	961	5,346	996	186	809	13.6
16 to 19 years .....	10,976	4,747	43.2	3,967	317	3,649	780	101	678	16.4
20 to 24 years .....	4,711	2,556	54.3	2,340	644	1,696	216	85	131	8.4
High school .....	8,657	3,634	42.0	2,952	178	2,774	682	88	594	18.8
College .....	7,030	3,669	52.2	3,355	783	2,572	314	98	216	8.6
Full-time students .....	6,178	2,903	47.0	2,638	329	2,309	285	73	192	9.1
Part-time students .....	852	766	90.0	717	454	263	49	25	24	8.4
Men, 16 to 24 years .....	8,052	3,678	45.7	3,133	490	2,643	546	90	456	14.8
16 to 19 years .....	5,577	2,396	43.0	1,980	171	1,809	416	52	364	17.4
20 to 24 years .....	2,476	1,283	51.8	1,153	319	834	130	38	92	10.1
High school .....	4,544	1,906	41.9	1,541	105	1,436	364	47	317	19.1
College .....	3,508	1,773	50.5	1,591	384	1,207	181	43	139	10.2
Full-time students .....	3,131	1,436	45.9	1,278	181	1,097	158	30	128	11.0
Part-time students .....	377	337	89.2	314	204	110	23	12	11	8.9
Women, 16 to 24 years .....	7,635	3,624	47.5	3,175	472	2,703	450	96	353	12.4
16 to 19 years .....	5,400	2,351	43.5	1,987	147	1,840	364	49	314	15.5
20 to 24 years .....	2,235	1,273	57.0	1,187	325	862	86	47	39	6.7
High school .....	4,113	1,728	42.0	1,410	73	1,337	317	41	277	18.4
College .....	3,522	1,896	53.8	1,764	398	1,366	132	56	77	7.0
Full-time students .....	3,048	1,467	48.1	1,360	148	1,212	107	43	63	7.3
Part-time students .....	474	430	90.6	404	250	153	28	12	13	6.0
<b>White</b>										
Total, 16 to 24 years .....	12,915	6,370	49.3	5,649	844	4,805	720	119	602	11.3
16 to 19 years .....	8,975	4,152	46.3	3,577	273	3,305	575	67	508	13.8
20 to 24 years .....	3,940	2,217	56.3	2,072	572	1,500	145	52	94	6.6
Men .....	6,672	3,219	48.3	2,804	431	2,373	415	58	358	12.9
Women .....	6,244	3,150	50.5	2,845	413	2,432	305	81	244	9.7
High school .....	6,964	3,161	45.4	2,652	152	2,501	509	57	452	16.1
College .....	5,952	3,209	53.9	2,997	692	2,304	212	62	150	6.8
Full-time students .....	5,218	2,536	48.6	2,361	304	2,057	175	44	131	6.9
Part-time students .....	734	673	91.6	636	388	248	37	17	19	5.4
<b>Black</b>										
Total, 16 to 24 years .....	2,133	718	33.6	476	89	387	241	58	183	33.6
16 to 19 years .....	1,617	484	29.9	302	35	267	182	31	151	37.5
20 to 24 years .....	516	232	45.1	173	54	120	59	27	32	25.5
Men .....	1,040	350	33.6	239	44	195	111	25	85	31.6
Women .....	1,093	387	33.5	236	45	192	130	32	98	35.5
High school .....	1,381	391	28.3	240	23	217	151	29	122	38.6
College .....	752	325	43.2	235	86	170	90	29	60	27.6
Full-time students .....	668	256	38.4	177	18	159	79	24	55	30.8
Part-time students .....	84	69	81.8	58	48	10	11	6	5	15.5
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	1,123	402	35.8	337	84	253	65	5	80	18.2
16 to 19 years .....	830	229	27.6	179	19	161	50	1	49	21.7
20 to 24 years .....	293	173	59.0	158	65	92	15	4	11	8.9
Men .....	580	224	38.7	186	52	133	39	2	37	17.2
Women .....	543	177	32.7	151	32	119	26	3	23	14.8
High school .....	744	196	26.3	151	24	127	45	2	43	22.9
College .....	379	206	54.3	186	60	126	20	3	17	9.7
Full-time students .....	306	144	47.1	123	31	92	21	4	17	14.4
Part-time students .....	74	62	(?)	63	30	33	-	-	-	(?)

See footnotes at end of table.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-7. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, years of school completed, sex, race, and Hispanic origin—Continued**

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	April 1986									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
Total	Full time <sup>1</sup>			Part time <sup>1</sup>	Total	Looking for full-time work	Looking for part-time work			
<b>TOTAL NOT ENROLLED</b>										
Total, 16 to 24 years .....	18,502	15,280	82.6	13,270	11,221	2,049	2,010	1,650	160	13.2
16 to 19 years .....	3,507	2,721	77.8	2,104	1,610	494	617	543	74	22.7
20 to 24 years .....	14,995	12,559	83.8	11,166	9,611	1,555	1,393	1,307	86	11.1
Less than 4 years of high school .....	4,490	3,005	66.9	2,251	1,806	445	754	691	63	25.1
4 years of high school .....	9,700	8,250	85.1	7,253	6,059	1,194	997	913	84	12.1
1 to 3 years of college .....	2,864	2,834	92.0	2,436	2,133	304	197	189	8	7.5
4 years of college or more .....	1,449	1,391	96.1	1,330	1,223	107	62	57	5	4.4
<b>Men, 16 to 24 years .....</b>	<b>8,783</b>	<b>8,147</b>	<b>92.8</b>	<b>7,036</b>	<b>6,286</b>	<b>749</b>	<b>1,111</b>	<b>1,056</b>	<b>53</b>	<b>13.6</b>
16 to 19 years .....	1,693	1,454	85.9	1,134	940	194	320	288	33	22.0
20 to 24 years .....	7,090	6,693	94.4	5,901	5,347	555	791	772	20	11.8
Less than 4 years of high school .....	2,398	2,018	84.1	1,538	1,309	229	479	445	34	23.7
4 years of high school .....	4,547	4,330	95.2	3,815	3,411	404	515	498	17	11.9
1 to 3 years of college .....	1,200	1,174	97.8	1,086	999	89	86	85	1	7.3
4 years of college or more .....	637	627	98.5	595	567	28	32	30	1	5.1
<b>Women, 16 to 24 years .....</b>	<b>9,720</b>	<b>7,133</b>	<b>73.4</b>	<b>6,234</b>	<b>4,934</b>	<b>1,300</b>	<b>899</b>	<b>792</b>	<b>107</b>	<b>12.6</b>
16 to 19 years .....	1,814	1,267	69.8	970	670	300	297	257	41	23.5
20 to 24 years .....	7,906	5,866	74.2	5,265	4,264	1,000	602	535	87	10.3
Less than 4 years of high school .....	2,092	989	47.3	713	497	216	276	246	29	27.9
4 years of high school .....	5,153	3,821	76.1	3,439	2,648	790	462	415	67	12.3
1 to 3 years of college .....	1,663	1,480	87.8	1,348	1,133	215	112	104	8	7.8
4 years of college or more .....	612	764	94.2	734	656	79	30	27	3	3.9
<b>White</b>										
Total, 16 to 24 years .....	15,443	12,944	83.6	11,553	9,862	1,691	1,391	1,277	114	10.7
16 to 19 years .....	2,903	2,300	79.2	1,860	1,437	423	440	389	51	19.1
20 to 24 years .....	12,540	10,644	84.9	9,693	8,426	1,267	951	888	63	6.9
Men .....	7,374	6,939	94.1	6,159	5,558	600	780	745	36	11.2
Women .....	8,068	6,005	74.4	5,395	4,304	1,091	611	532	79	10.2
Less than 4 years of high school .....	3,614	2,464	66.2	1,945	1,580	365	519	473	46	21.0
4 years of high school .....	6,110	6,997	86.3	6,290	5,312	977	708	648	60	10.1
1 to 3 years of college .....	2,389	2,196	91.9	2,082	1,839	243	113	106	5	5.2
4 years of college or more .....	1,329	1,288	96.9	1,236	1,131	106	51	49	3	4.0
<b>Black</b>										
Total, 16 to 24 years .....	2,639	2,014	76.3	1,455	1,129	326	559	517	42	27.8
16 to 19 years .....	519	366	70.4	202	142	59	164	142	23	44.9
20 to 24 years .....	2,120	1,648	77.8	1,253	986	267	395	375	20	24.0
Men .....	1,209	1,030	85.2	735	598	137	294	278	16	28.8
Women .....	1,430	985	68.9	719	530	189	265	239	26	26.9
Less than 4 years of high school .....	756	485	61.6	252	181	71	214	198	16	46.0
4 years of high school .....	1,405	1,106	78.8	638	642	195	269	245	24	24.3
1 to 3 years of college .....	392	363	92.5	293	233	60	70	67	3	19.2
4 years of college or more .....	86	79	92.2	72	72	-	7	7	-	8.9
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	2,070	1,550	74.9	1,337	1,132	205	214	203	11	13.8
16 to 19 years .....	470	316	67.3	262	218	44	54	50	5	17.2
20 to 24 years .....	1,600	1,234	77.1	1,075	914	161	159	153	7	12.9
Men .....	1,082	983	92.5	842	736	106	141	135	6	14.3
Women .....	1,008	568	56.3	495	396	99	73	68	5	12.8
Less than 4 years of high school .....	1,033	682	68.0	555	461	94	126	116	10	18.5
4 years of high school .....	758	618	81.5	551	467	84	86	88	-	10.7
1 to 3 years of college .....	225	197	87.6	176	154	22	21	21	1	10.8
4 years of college or more .....	54	54	( <sup>2</sup> )	54	50	4	-	-	-	( <sup>2</sup> )

<sup>1</sup> Employed persons with a job but not at work and persons at work part time are distributed according to whether they usually work full or part time.

<sup>2</sup> Data not shown where base is less than 75,000.

NOTE: In the summer months, the educational attainment levels of youth not enrolled in school are increased by the temporary movement of high school and

college students into that group. 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-8. Employment status of male Vietnam-era veterans and nonveterans by age, not seasonally adjusted**

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Apr. 1985	Apr. 1986	Total		Employed		Unemployed			
			Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Number		Percent of labor force	
							Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
<b>VIETNAM-ERA VETERANS</b>										
Total, 30 years and over .....	7,613	7,724	7,135	7,164	6,720	6,794	415	370	5.8	5.2
30 to 44 years .....	6,512	6,412	6,272	6,105	5,884	5,778	388	327	6.2	5.4
30 to 34 years .....	1,434	1,190	1,379	1,116	1,259	1,031	120	85	8.7	7.6
35 to 39 years .....	3,383	3,163	3,257	3,022	3,045	2,860	212	162	6.5	5.4
40 to 44 years .....	1,695	2,059	1,636	1,967	1,580	1,887	56	80	3.4	4.1
45 years and over .....	1,101	1,312	863	1,059	836	1,016	27	43	3.1	4.1
<b>NONVETERANS</b>										
Total, 30 to 44 years .....	17,036	18,176	16,154	17,194	15,256	16,251	898	943	5.6	5.5
30 to 34 years .....	7,871	8,451	7,506	8,039	7,052	7,562	454	477	6.0	5.9
35 to 39 years .....	4,868	5,514	4,605	5,226	4,365	4,964	240	262	5.2	5.0
40 to 44 years .....	4,297	4,211	4,043	3,929	3,839	3,725	204	204	5.0	5.2

NOTE: Male Vietnam-era veterans are men 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 30 to 44 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Data

for 25- to 29-year-old veterans are no longer shown in this table because the group is rapidly disappearing (into the 30-34 age category) and the numbers remaining for some labor force categories are not large enough to warrant their continued publication.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-9. Employed and unemployed full- and part-time workers by sex, age, and race**

(In thousands)

Sex, age, and race	April 1986							
	Employed						Unemployed	
	Full time			Part time			Looking for full-time work	Looking for part-time work
	Total	Full-time schedules <sup>1</sup>	Part time for economic reasons, usually work full time	Total	Voluntary <sup>1</sup>	Part time for economic reasons, usually work part time		
<b>TOTAL</b>								
Total, 16 years and over .....	88,554	86,741	1,813	19,647	16,011	3,636	6,627	1,489
16 to 19 years .....	1,927	1,806	121	4,143	3,752	391	644	752
16 to 17 years .....	247	235	12	2,170	2,090	80	157	496
18 to 19 years .....	1,680	1,571	109	1,973	1,662	311	487	256
20 years and over .....	86,627	84,935	1,692	15,503	12,259	3,244	5,982	736
20 to 24 years .....	10,255	9,948	307	3,252	2,462	790	1,392	217
25 years and over .....	76,371	74,987	1,384	12,252	9,798	2,454	4,591	519
25 to 54 years .....	65,594	64,379	1,215	8,766	6,729	2,037	4,143	379
55 years and over .....	10,777	10,608	169	3,486	3,069	417	448	141
<b>Men, 16 years and over .....</b>	<b>53,594</b>	<b>52,480</b>	<b>1,114</b>	<b>6,530</b>	<b>5,053</b>	<b>1,477</b>	<b>3,887</b>	<b>640</b>
16 to 19 years .....	1,111	1,029	82	2,003	1,826	177	338	398
20 years and over .....	52,484	51,452	1,032	4,527	3,227	1,300	3,548	243
20 to 24 years .....	5,666	5,506	160	1,389	1,041	348	810	111
25 years and over .....	46,818	45,946	872	3,138	2,186	952	2,739	131
25 to 54 years .....	39,810	39,036	774	1,738	947	791	2,449	60
55 years and over .....	7,007	6,909	98	1,401	1,239	162	290	71
<b>Women, 16 years and over .....</b>	<b>34,960</b>	<b>34,261</b>	<b>699</b>	<b>13,117</b>	<b>10,959</b>	<b>2,158</b>	<b>2,740</b>	<b>848</b>
16 to 19 years .....	816	777	39	2,140	1,926	214	306	355
20 years and over .....	34,143	33,483	660	10,977	9,033	1,944	2,434	493
20 to 24 years .....	4,589	4,442	147	1,863	1,421	442	582	106
25 years and over .....	29,554	29,041	513	9,114	7,612	1,502	1,851	387
25 to 54 years .....	25,785	25,343	442	7,028	5,782	1,246	1,693	317
55 years and over .....	3,769	3,698	71	2,085	1,830	255	158	70
<b>White</b>								
<b>Men, 16 years and over .....</b>	<b>47,496</b>	<b>46,565</b>	<b>931</b>	<b>5,698</b>	<b>4,519</b>	<b>1,179</b>	<b>2,908</b>	<b>500</b>
16 to 19 years .....	976	913	63	1,805	1,659	146	229	314
20 years and over .....	46,520	45,652	868	3,892	2,860	1,032	2,680	187
20 to 24 years .....	5,014	4,874	140	1,169	914	255	574	80
25 years and over .....	41,505	40,778	727	2,724	1,946	778	2,106	108
25 to 54 years .....	35,127	34,489	638	1,432	792	640	1,865	44
55 years and over .....	6,378	6,288	90	1,292	1,154	138	242	64
<b>Women, 16 years and over .....</b>	<b>29,604</b>	<b>29,025</b>	<b>579</b>	<b>11,735</b>	<b>9,991</b>	<b>1,744</b>	<b>1,944</b>	<b>643</b>
16 to 19 years .....	734	697	37	1,923	1,734	189	227	246
20 years and over .....	28,870	28,328	542	9,812	8,257	1,555	1,717	397
20 to 24 years .....	3,984	3,861	123	1,599	1,263	336	366	77
25 years and over .....	24,868	24,468	420	8,212	6,994	1,218	1,350	320
25 to 54 years .....	21,558	21,203	355	6,380	5,355	1,025	1,216	262
55 years and over .....	3,330	3,265	65	1,833	1,639	194	135	56
<b>Black</b>								
<b>Men, 16 years and over .....</b>	<b>4,718</b>	<b>4,561</b>	<b>157</b>	<b>645</b>	<b>384</b>	<b>261</b>	<b>836</b>	<b>122</b>
16 to 19 years .....	105	87	18	161	133	28	96	71
20 years and over .....	4,614	4,475	139	485	252	233	742	51
20 to 24 years .....	538	523	15	171	87	84	208	30
25 years and over .....	4,075	3,951	124	314	165	149	533	20
25 to 54 years .....	3,563	3,444	119	222	93	129	495	14
55 years and over .....	511	507	4	92	72	20	38	6
<b>Women, 16 years and over .....</b>	<b>4,290</b>	<b>4,188</b>	<b>102</b>	<b>1,083</b>	<b>733</b>	<b>350</b>	<b>700</b>	<b>181</b>
16 to 19 years .....	72	70	2	166	145	21	77	102
20 years and over .....	4,219	4,118	101	916	588	328	624	80
20 to 24 years .....	503	482	21	215	115	100	195	22
25 years and over .....	3,717	3,637	80	701	473	228	429	58
25 to 54 years .....	3,354	3,279	75	499	315	184	412	46
55 years and over .....	363	358	5	202	158	44	17	12

<sup>1</sup> Employed persons with a job but not at work are distributed according to whether they usually work full or part time.

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

(Numbers in thousands)

Family relationship	April 1986									
	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 <sup>1</sup> .....	94,956	65.0	88,253	6,703	7.1	51,085	24,286	8,762	2,139	15,898
Husbands .....	39,168	78.3	37,520	1,648	4.2	10,830	177	225	904	9,524
With employed wife .....	23,749	91.5	22,887	862	3.6	2,197	61	129	330	1,677
With unemployed wife .....	1,159	91.5	1,005	153	13.2	108	11	2	12	84
With wife not in labor force .....	14,261	62.6	13,628	633	4.4	8,525	105	94	563	7,763
Wives .....	27,213	54.4	25,946	1,267	4.7	22,785	19,438	381	316	2,651
With employed husband .....	23,892	63.7	22,887	1,005	4.2	13,628	12,513	311	89	715
With unemployed husband .....	1,015	61.6	862	153	15.1	633	575	21	14	23
With husband not in labor force .....	2,305	21.3	2,197	108	4.7	8,525	6,351	49	212	1,913
Relatives in married-couple families .....	13,179	61.7	11,522	1,657	12.6	8,195	705	5,924	326	1,240
16 to 19 years .....	4,914	51.0	4,155	759	15.4	4,715	85	4,432	10	188
20 to 24 years .....	5,068	75.0	4,496	572	11.3	1,685	129	1,326	51	180
25 years and over .....	3,197	64.0	2,871	326	10.2	1,795	491	166	265	872
Women who maintain families .....	6,335	61.6	5,741	594	9.4	3,956	2,838	170	168	780
Relatives in families maintained by women .....	5,493	60.3	4,409	1,084	19.7	3,621	704	1,686	278	954
16 to 19 years .....	1,434	48.5	1,030	404	28.2	1,521	43	1,354	4	119
20 to 24 years .....	1,629	73.6	1,322	307	18.8	583	128	276	19	161
25 years and over .....	2,430	61.6	2,057	373	15.3	1,517	533	56	255	674
Men who maintain families .....	1,978	76.4	1,794	184	9.3	610	40	32	72	466
Relatives in families maintained by men .....	1,590	59.4	1,322	268	16.9	1,088	384	344	75	285
16 to 19 years .....	294	50.3	212	82	28.0	291	26	247	-	18
20 to 24 years .....	448	74.2	365	83	18.5	156	43	78	3	32
25 years and over .....	848	57.0	745	103	12.1	641	315	19	72	235

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

NOTE: Estimates shown in this table 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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**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	
	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
Total, 16 years and over .....	4,580	4,527	7.2	7.0	3,570	3,588	7.1	6.9
Married, spouse present .....	1,827	1,815	4.5	4.4	1,499	1,387	5.4	4.9
Widowed, divorced, or separated .....	620	585	10.0	9.1	870	769	8.6	7.5
Single (never married) .....	2,133	2,127	12.9	12.5	1,201	1,432	9.4	10.8
White, 16 years and over .....	3,464	3,409	6.2	6.0	2,609	2,587	6.1	5.9
Married, spouse present .....	1,501	1,480	4.1	4.0	1,257	1,147	5.1	4.6
Widowed, divorced, or separated .....	465	430	9.1	8.1	601	538	7.4	6.5
Single (never married) .....	1,498	1,499	10.8	10.5	751	902	7.2	8.4
Black, 16 years and over .....	959	960	15.7	15.2	868	882	14.3	14.1
Married, spouse present .....	253	253	8.5	8.3	191	172	8.3	7.3
Widowed, divorced, or separated .....	136	141	14.2	14.5	246	210	14.2	12.2
Single (never married) .....	569	566	25.9	24.5	431	500	21.0	22.9
Total, 25 years and over .....	2,977	2,870	5.7	5.4	2,254	2,240	5.7	5.5
Married, spouse present .....	1,687	1,667	4.3	4.2	1,154	1,172	4.6	4.6
Widowed, divorced, or separated .....	585	551	9.9	8.9	785	695	8.2	7.2
Single (never married) .....	705	651	10.1	8.8	315	373	6.2	6.8
White, 25 years and over .....	2,315	2,213	5.1	4.8	1,673	1,671	5.0	4.8
Married, spouse present .....	1,387	1,353	4.0	3.8	972	970	4.4	4.3
Widowed, divorced, or separated .....	439	400	9.0	7.8	541	483	7.0	6.2
Single (never married) .....	488	460	8.5	7.5	160	216	4.0	5.1
Black, 25 years and over .....	547	555	11.5	11.2	511	487	10.6	9.9
Married, spouse present .....	229	241	8.1	8.3	138	147	6.5	6.8
Widowed, divorced, or separated .....	128	137	13.7	14.3	224	194	13.4	11.7
Single (never married) .....	189	177	19.2	16.5	150	145	14.7	13.4

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
Total, 16 years and over .....	8,150	8,115	7.1	7.0	7.2	7.0	7.1	6.9
Managerial and professional specialty .....	622	568	2.3	2.1	2.2	1.9	2.5	2.4
Executive, administrative, and managerial .....	314	279	2.5	2.2	2.3	2.0	2.9	2.5
Professional specialty .....	308	288	2.2	2.0	2.2	1.8	2.2	2.2
Technical, sales, and administrative support .....	1,588	1,565	4.6	4.4	3.8	3.6	5.1	4.9
Technicians and related support .....	85	121	2.6	3.6	2.5	4.0	2.8	3.1
Sales occupations .....	675	682	5.1	5.0	3.6	3.4	6.8	6.7
Administrative support, including clerical .....	829	763	4.6	4.1	5.0	3.8	4.5	4.2
Service occupations .....	1,346	1,420	8.6	8.8	8.4	8.8	8.7	8.9
Private household .....	53	80	5.3	7.4	( <sup>1</sup> )	( <sup>1</sup> )	5.6	7.2
Protective service .....	71	93	4.1	5.1	3.8	4.2	6.1	11.1
Service, except private household and protective .....	1,222	1,247	9.5	9.5	10.1	10.4	9.1	9.0
Precision production, craft, and repair .....	1,109	1,124	7.8	8.0	7.6	7.7	9.9	10.3
Mechanics and repairers .....	231	241	5.0	5.3	5.0	5.2	3.0	7.8
Construction trades .....	590	576	11.7	10.9	11.5	10.8	22.3	18.9
Other precision production, craft, and repair .....	288	307	6.4	7.2	5.4	6.4	10.0	9.8
Operators, fabricators, and laborers .....	2,163	2,099	11.5	11.1	10.9	10.6	13.5	12.6
Machine operators, assemblers, and inspectors .....	1,008	913	11.5	10.6	9.9	8.7	13.9	13.3
Transportation and material moving occupations .....	411	472	8.1	9.5	7.9	9.9	10.3	5.7
Handlers, equipment cleaners, helpers, and laborers .....	744	715	15.1	13.6	15.4	13.6	13.4	13.2
Construction laborers .....	198	173	25.2	21.0	25.6	21.0	( <sup>1</sup> )	( <sup>1</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	547	542	13.2	12.2	13.0	12.0	13.5	12.9
Farming, forestry, and fishing .....	311	303	8.2	8.2	7.9	7.8	9.8	10.5
No previous work experience .....	972	984	-	-	-	-	-	-
16 to 19 years .....	609	652	-	-	-	-	-	-
20 to 24 years .....	244	201	-	-	-	-	-	-
25 years and over .....	120	131	-	-	-	-	-	-

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-13. Unemployed persons by industry and sex**

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
Total, 16 years and over .....	8,150	8,115	7.1	7.0	7.2	7.0	7.1	6.9
Nonagricultural private wage and salary workers .....	6,129	6,184	7.2	7.1	7.4	7.3	7.1	6.9
Mining .....	121	138	11.4	13.7	12.9	14.9	2.6	7.6
Construction .....	864	819	15.0	13.5	15.5	13.8	10.0	9.7
Manufacturing .....	1,752	1,503	8.0	6.9	6.8	5.8	10.3	9.1
Durable goods .....	1,010	877	7.6	6.7	7.1	6.0	9.1	8.9
Lumber and wood products .....	95	92	12.7	13.2	13.4	14.3	8.9	7.2
Furniture and fixtures .....	57	50	9.3	7.8	6.0	7.0	17.2	9.6
Stone, clay, and glass products .....	58	43	9.6	6.5	8.8	5.1	11.9	10.7
Primary metal industries .....	105	75	12.0	8.8	12.5	9.0	7.4	7.6
Fabricated metal products .....	127	92	8.9	6.8	8.6	6.9	9.6	6.5
Machinery, except electrical .....	188	161	6.7	6.1	6.5	5.1	7.2	9.4
Electrical machinery, equipment, and supplies .....	160	137	7.0	6.2	5.7	4.1	8.8	9.2
Transportation equipment .....	144	151	5.5	5.5	5.1	4.8	7.3	8.3
Automobiles .....	88	91	6.9	7.0	6.1	6.1	9.9	10.5
Other transportation equipment .....	57	59	4.3	4.2	4.2	3.6	4.6	6.1
Professional and photographic equipment .....	29	33	3.9	4.5	.6	3.5	8.7	5.9
Other durable goods industries .....	46	45	9.5	8.1	6.5	4.3	13.2	13.8
Nondurable goods .....	742	626	8.5	7.1	6.3	5.5	11.5	9.4
Food and kindred products .....	206	211	11.3	11.4	8.6	8.5	16.9	17.5
Textile mill products .....	106	41	13.3	5.4	11.2	4.6	15.4	6.2
Apparel and other textile products .....	162	133	12.1	10.1	9.9	7.4	12.9	11.1
Paper and allied products .....	36	31	5.5	4.2	4.5	3.7	9.0	5.8
Printing and publishing .....	86	74	5.2	4.3	4.2	3.6	6.5	5.2
Chemicals and allied products .....	41	47	3.2	3.7	2.4	2.7	4.7	5.9
Rubber and miscellaneous plastics products .....	63	55	8.1	7.5	7.5	7.3	9.0	7.9
Other nondurable goods industries .....	44	34	10.3	8.2	4.5	6.0	19.6	12.4
Transportation and public utilities .....	320	328	5.3	5.5	5.9	6.3	3.9	3.5
Transportation .....	255	252	6.2	6.0	6.7	6.9	4.6	3.4
Communications and other public utilities .....	66	76	2.5	3.0	2.6	3.0	2.3	2.8
Wholesale and retail trade .....	1,537	1,733	7.2	7.8	6.3	7.1	8.1	8.5
Wholesale trade .....	208	240	5.0	5.5	4.9	5.4	5.1	5.9
Retail trade .....	1,329	1,493	7.7	8.4	6.8	7.8	8.5	8.9
Finance, insurance, and real estate .....	210	211	3.2	3.1	3.6	3.1	3.0	3.1
Service industries .....	1,324	1,453	6.0	6.3	5.9	7.0	6.0	5.9
Professional services .....	495	502	4.0	3.9	3.0	3.7	4.4	4.0
Other service industries .....	829	951	8.5	9.4	8.1	9.6	8.9	9.2
Agricultural wage and salary workers .....	237	233	12.9	13.1	11.4	12.3	18.4	16.3
Government, self-employed, and unpaid family workers .....	812	713	3.0	2.7	3.2	2.6	2.9	2.8
No previous work experience .....	972	984	-	-	-	-	-	-



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	
	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	8,150	8,115	3,902	3,791	3,002	2,927	1,246	1,397	6,074	5,996	1,827	1,842
Job losers .....	4,291	4,095	2,767	2,618	1,315	1,211	210	266	3,288	3,108	873	844
On layoff .....	1,172	1,020	758	660	350	311	63	49	964	873	181	118
Other job losers .....	3,119	3,075	2,009	1,958	965	900	147	217	2,324	2,235	692	726
Job leavers .....	768	996	339	445	352	425	77	126	625	803	124	161
Reentrants .....	2,122	2,042	635	601	1,133	1,088	355	353	1,545	1,463	508	523
New entrants .....	969	982	161	126	202	204	605	651	615	622	322	313
<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 .....	52.7	50.5	70.9	69.1	43.8	41.3	16.8	19.1	54.2	51.9	47.8	45.8
On layoff .....	14.4	12.6	19.4	17.4	11.7	10.6	5.0	3.5	15.9	14.6	9.9	6.4
Other job losers .....	38.3	37.9	51.5	51.7	32.1	30.7	11.8	15.6	38.3	37.3	37.9	39.4
Job leavers .....	9.4	12.3	8.7	11.7	11.7	14.5	6.1	9.0	10.3	13.4	6.8	8.8
Reentrants .....	26.0	25.2	16.3	15.9	37.7	37.2	28.5	25.3	25.4	24.4	27.8	28.4
New entrants .....	11.9	12.1	4.1	3.3	6.7	7.0	48.5	46.6	10.1	10.4	17.6	17.0
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers .....	3.7	3.5	4.7	4.3	2.7	2.5	2.9	3.6	3.3	3.1	7.2	6.7
Job leavers .....	.7	.9	.6	.7	.7	.9	1.0	1.7	.6	.8	1.0	1.3
Reentrants .....	1.9	1.8	1.1	1.0	2.4	2.3	4.8	4.7	1.6	1.5	4.2	4.2
New entrants .....	.8	.8	.3	.2	.4	.4	8.2	8.7	.6	.6	2.6	2.5

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Reason, sex, and age	April 1986						
	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 .....	8,115	100.0	39.6	29.5	30.9	15.5	15.4
Job losers .....	4,095	100.0	31.5	29.6	38.9	20.0	18.9
On layoff .....	1,020	100.0	43.8	26.5	29.7	21.1	8.6
Other job losers .....	3,075	100.0	27.4	30.7	42.0	19.7	22.3
Job leavers .....	996	100.0	49.4	27.3	23.3	10.6	12.7
Reentrants .....	2,042	100.0	45.7	31.6	22.6	11.7	10.9
New entrants .....	982	100.0	50.8	26.8	22.4	9.0	13.3
Men, 20 years and over .....	3,791	100.0	32.4	28.8	38.8	19.3	19.4
Job losers .....	2,618	100.0	28.5	28.8	42.7	21.8	20.9
On layoff .....	660	100.0	40.5	27.1	32.4	23.6	8.9
Other job losers .....	1,958	100.0	24.5	29.3	46.2	21.2	25.0
Job leavers .....	445	100.0	43.2	29.0	27.8	11.0	16.8
Reentrants .....	601	100.0	40.1	31.2	28.7	15.8	12.9
New entrants .....	126	100.0	39.1	17.8	43.1	14.2	26.9
Women, 20 years and over .....	2,927	100.0	43.3	30.2	26.5	12.7	13.8
Job losers .....	1,211	100.0	35.5	30.7	33.9	16.3	17.6
On layoff .....	311	100.0	48.9	27.0	24.1	15.6	8.4
Other job losers .....	900	100.0	30.8	31.9	37.3	16.5	20.8
Job leavers .....	425	100.0	48.5	30.3	21.2	9.8	11.4
Reentrants .....	1,088	100.0	48.3	31.1	20.6	10.3	10.3
New entrants .....	204	100.0	52.1	22.4	25.5	10.2	15.3
Both sexes, 16 to 19 years .....	1,397	100.0	51.3	29.9	18.8	10.7	8.0
Job losers .....	266	100.0	42.3	33.2	24.5	19.6	4.9
On layoff .....	49	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Other job losers .....	217	100.0	39.1	37.5	23.4	18.8	4.6
Job leavers .....	126	100.0	74.1	11.6	14.3	11.8	2.5
Reentrants .....	353	100.0	47.3	34.0	18.7	9.4	9.3
New entrants .....	651	100.0	52.7	29.9	17.4	7.7	9.7

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

**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	
	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
Total, 16 years and over .....	8,150	8,115	100.0	100.0	6,683	6,627	100.0	100.0
Less than 5 weeks .....	3,120	3,214	38.3	39.6	2,304	2,399	34.5	36.2
5 to 14 weeks .....	2,242	2,395	27.5	29.5	1,839	1,984	27.5	29.9
5 to 10 weeks .....	1,574	1,662	19.3	20.5	1,270	1,360	19.0	20.5
11 to 14 weeks .....	668	733	8.2	9.0	568	624	8.5	9.4
15 weeks and over .....	2,788	2,507	34.2	30.9	2,540	2,244	38.0	33.9
15 to 26 weeks .....	1,306	1,254	16.0	15.5	1,167	1,116	17.5	16.8
27 weeks and over .....	1,483	1,253	18.2	15.4	1,372	1,128	20.5	17.0
27 to 51 weeks .....	592	515	7.3	6.3	565	451	8.5	6.8
52 weeks and over .....	891	738	10.9	9.1	807	676	12.1	10.2
Average (mean) duration, in weeks .....	17.7	15.8	-	-	19.3	17.1	-	-
Median duration, in weeks .....	8.3	7.9	-	-	9.8	8.9	-	-

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	
								Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
	April 1986										
Total, 16 years and over .....	8,115	3,214	2,395	1,254	1,253	15.8	7.9	38.3	39.6	34.2	30.9
16 to 19 years .....	1,397	716	418	150	112	9.7	4.9	52.3	51.3	15.9	18.8
20 to 24 years .....	1,609	704	472	227	206	13.4	6.7	41.4	43.8	30.9	26.9
25 to 34 years .....	2,364	944	701	363	356	15.7	7.7	36.5	39.9	35.4	30.4
35 to 44 years .....	1,383	443	413	239	289	19.8	10.3	31.4	32.0	43.3	38.2
45 to 54 years .....	774	225	227	162	160	20.6	11.7	29.3	29.1	43.7	41.6
55 to 64 years .....	510	153	140	97	121	22.6	12.5	32.4	29.9	46.1	42.7
65 years and over .....	78	28	25	17	8	15.0	8.7	56.0	35.9	20.6	32.7
Men, 16 years and over .....	4,527	1,583	1,325	819	799	18.0	9.4	33.2	35.0	39.5	35.7
16 to 19 years .....	1,397	716	418	150	112	10.2	5.5	48.9	48.1	19.0	20.3
20 to 24 years .....	921	371	247	166	137	15.7	8.3	35.3	40.2	36.0	32.9
25 to 34 years .....	1,289	422	406	238	223	17.9	9.7	31.6	32.8	41.6	35.8
35 to 44 years .....	748	200	210	149	189	23.5	12.5	26.5	26.7	47.3	45.2
45 to 54 years .....	473	124	139	109	101	21.9	12.4	25.7	26.2	48.1	44.3
55 to 64 years .....	312	96	75	59	81	24.4	13.3	27.6	31.0	54.5	44.9
65 years and over .....	48	16	16	12	5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 16 years and over .....	3,588	1,630	1,069	434	455	13.1	6.2	44.8	45.4	27.4	24.8
16 to 19 years .....	661	354	185	64	50	9.1	4.6	56.4	54.8	12.1	17.1
20 to 24 years .....	688	333	224	60	69	10.4	5.3	48.9	48.5	24.6	18.9
25 to 34 years .....	1,074	522	295	124	133	13.0	5.4	42.6	48.6	27.7	23.9
35 to 44 years .....	636	243	203	90	100	15.5	8.7	37.9	38.3	37.9	29.8
45 to 54 years .....	301	101	87	53	59	18.5	10.8	34.5	33.6	37.4	37.4
55 to 64 years .....	199	56	65	38	40	19.8	11.2	39.8	28.3	32.8	39.2
65 years and over .....	30	12	9	5	4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
White, 16 years and over .....	5,996	2,433	1,742	938	883	15.2	7.5	39.3	40.6	33.3	30.4
Men .....	3,409	1,206	983	640	581	17.4	9.1	34.2	35.4	38.9	35.8
Women .....	2,587	1,227	759	298	303	12.3	5.7	46.1	47.4	26.0	23.2
Black, 16 years and over .....	1,842	682	567	269	324	17.5	7.6	35.3	37.1	36.6	32.2
Men .....	960	329	289	153	188	19.5	9.1	30.5	34.3	41.4	35.6
Women .....	882	353	278	115	136	15.2	6.4	40.5	40.0	31.3	28.5
Men, 16 years and over:											
Married, spouse present .....	1,815	526	534	373	381	20.8	11.3	29.4	29.0	45.5	41.6
Widowed, divorced, or separated .....	585	179	170	121	115	21.7	10.9	28.1	30.6	42.3	40.2
Single (never married) .....	2,127	877	621	326	303	14.5	7.5	38.0	41.2	33.7	29.6
Women, 16 years and over:											
Married, spouse present .....	1,387	608	396	195	187	13.7	6.6	44.1	43.8	28.4	27.6
Widowed, divorced, or separated .....	769	320	226	94	130	15.9	7.1	41.3	41.5	33.9	29.1
Single (never married) .....	1,432	703	447	145	138	11.0	5.3	48.0	49.1	21.3	19.8

<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	
	April 1986							Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
<b>OCCUPATION</b>											
Managerial and professional specialty .....	568	207	190	77	93	15.9	8.1	36.4	36.5	35.0	29.9
Technical, sales, and administrative support .....	1,565	660	478	229	199	14.0	6.9	40.7	42.2	29.0	27.3
Service occupations .....	1,420	606	420	189	205	13.9	6.8	40.4	42.7	34.6	27.8
Precision production, craft, and repair .....	1,124	366	337	206	215	19.0	10.2	35.7	32.6	39.8	37.4
Operators, fabricators, and laborers .....	2,099	737	594	399	369	18.2	10.0	32.6	35.1	40.5	36.6
Farming, forestry, and fishing .....	303	126	87	54	36	14.0	7.4	36.6	41.5	34.5	29.6
<b>INDUSTRY<sup>1</sup></b>											
Agriculture .....	233	108	68	33	24	11.7	5.9	40.6	46.4	36.3	24.4
Construction .....	838	259	225	228	126	16.7	11.3	31.4	30.9	38.4	42.2
Manufacturing .....	1,509	494	460	221	334	20.3	10.5	35.1	32.7	38.9	36.8
Durable goods .....	882	275	270	134	202	21.2	11.4	31.8	31.2	41.4	38.1
Nondurable goods .....	627	219	189	87	132	19.1	9.3	39.5	34.9	35.5	34.9
Transportation and public utilities .....	351	136	75	90	49	16.1	9.9	34.9	38.7	40.5	39.8
Wholesale and retail trade .....	1,734	704	545	258	227	14.4	7.5	41.1	40.6	31.1	28.0
Finance and service industries .....	1,948	832	591	250	274	14.6	6.9	39.8	42.7	32.7	26.9
Public administration .....	213	68	69	39	37	16.5	9.0	22.5	31.8	41.7	35.6
No previous work experience .....	984	500	263	90	131	13.2	4.9	49.7	50.8	20.8	22.5

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

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

Sex, age, and race	April 1986								
	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 .....	8,115	7,001	24.4	6.1	73.4	35.5	17.5	6.6	1.63
16 to 19 years .....	1,397	1,340	13.1	1.9	79.8	24.3	15.7	4.8	1.39
20 to 24 years .....	1,609	1,431	26.2	5.6	73.0	36.0	18.5	4.7	1.64
25 to 34 years .....	2,364	1,975	27.5	8.1	73.5	40.2	16.6	5.4	1.71
35 to 44 years .....	1,383	1,147	28.6	7.5	68.7	41.3	18.1	8.5	1.73
45 to 54 years .....	774	625	24.2	7.8	73.9	37.1	19.5	9.9	1.72
55 to 64 years .....	510	424	29.7	4.7	68.6	29.5	19.8	13.0	1.65
65 years and over .....	78	59	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Men, 16 years and over .....	4,527	3,792	26.7	6.5	74.0	34.8	19.5	8.0	1.69
16 to 19 years .....	736	706	13.2	2.5	80.6	23.1	17.4	4.7	1.42
20 to 24 years .....	921	806	26.3	5.2	73.4	36.1	20.2	5.6	1.67
25 to 34 years .....	1,289	1,012	33.1	8.8	75.0	39.4	20.8	5.4	1.83
35 to 44 years .....	748	597	32.2	8.7	70.0	41.5	18.8	11.6	1.83
45 to 54 years .....	473	370	24.1	10.3	73.0	36.2	18.9	14.3	1.77
55 to 64 years .....	312	262	32.8	2.7	64.5	25.2	19.8	16.8	1.62
65 years and over .....	48	39	( <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 .....	3,588	3,209	21.6	5.5	72.7	36.4	15.1	5.0	1.56
16 to 19 years .....	661	635	12.9	1.3	78.7	25.5	13.7	4.9	1.37
20 to 24 years .....	688	625	26.2	6.1	72.3	35.8	16.3	3.5	1.60
25 to 34 years .....	1,074	963	21.7	7.4	71.9	40.9	12.1	5.3	1.59
35 to 44 years .....	636	550	24.7	6.2	67.1	40.9	17.5	5.3	1.62
45 to 54 years .....	301	255	23.9	4.7	75.3	38.4	20.4	3.5	1.66
55 to 64 years .....	199	162	24.7	8.0	75.3	36.4	19.1	6.8	1.70
65 years and over .....	30	19	( <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 .....	5,996	5,032	23.7	6.3	74.1	36.2	16.5	6.5	1.63
Men .....	3,409	2,775	26.0	6.6	74.9	34.9	18.4	8.4	1.69
Women .....	2,587	2,257	20.8	5.8	73.1	37.8	14.1	4.3	1.56
Black, 16 years and over .....	1,842	1,721	25.9	5.3	72.9	33.2	20.0	6.2	1.64
Men .....	960	875	27.9	5.5	73.9	34.7	23.0	5.8	1.71
Women .....	882	846	23.8	5.2	72.0	31.8	17.0	6.6	1.56

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

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.

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

Sex and reason	April 1986								
	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 .....	8,115	7,001	24.4	6.1	73.4	35.5	17.5	6.6	1.63
Job losers <sup>1</sup> .....	4,095	3,103	31.2	7.2	76.4	38.7	20.4	6.5	1.80
Job leavers .....	996	999	22.1	6.1	74.6	37.9	17.2	3.2	1.61
Reentrants .....	2,042	1,922	19.5	5.5	67.6	32.8	12.9	9.1	1.47
New entrants .....	982	977	14.4	3.4	74.3	27.9	17.5	5.6	1.43
Men, 16 years and over .....	4,527	3,792	26.7	6.5	74.0	34.8	19.5	8.0	1.69
Job losers <sup>1</sup> .....	2,777	2,104	32.7	7.3	76.7	37.6	21.0	7.7	1.83
Job leavers .....	504	503	24.1	6.2	75.3	38.4	17.5	4.2	1.66
Reentrants .....	792	733	18.4	5.9	67.0	29.7	17.3	12.6	1.51
New entrants .....	453	452	14.8	4.0	71.9	25.7	18.6	5.8	1.41
Women, 16 years and over .....	3,588	3,209	21.6	5.5	72.7	36.4	15.1	5.0	1.56
Job losers <sup>1</sup> .....	1,318	999	28.0	7.0	75.8	41.1	19.1	3.7	1.75
Job leavers .....	492	496	20.2	6.0	74.0	37.5	17.1	2.2	1.57
Reentrants .....	1,250	1,189	20.1	5.3	68.1	34.7	10.3	7.0	1.45
New entrants .....	528	525	14.1	3.0	76.2	29.9	16.6	5.5	1.45

<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. The corrected January 1985 value for unemployed male job losers is 3,398.

**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	
	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
All industries .....	106,175	108,201	59,226	60,124	46,949	48,077
16 to 19 years .....	6,121	6,071	3,213	3,114	2,907	2,957
16 to 17 years .....	2,272	2,417	1,228	1,248	1,045	1,170
18 to 19 years .....	3,848	3,653	1,986	1,866	1,862	1,787
20 to 24 years .....	13,745	13,506	7,193	7,054	6,553	6,452
25 to 54 years .....	71,980	74,361	40,381	41,548	31,599	32,613
25 to 34 years .....	30,917	31,934	17,383	17,941	13,535	13,992
35 to 44 years .....	24,507	25,554	13,637	14,117	10,871	11,437
45 to 54 years .....	16,555	16,874	9,361	9,490	7,194	7,383
55 to 64 years .....	11,489	11,322	6,751	6,635	4,738	4,687
55 to 59 years .....	6,891	6,863	4,024	3,991	2,867	2,872
60 to 64 years .....	4,598	4,459	2,726	2,644	1,872	1,815
65 years and over .....	2,840	2,941	1,688	1,773	1,151	1,168
Agriculture .....	3,229	3,121	2,569	2,536	659	585
16 to 19 years .....	322	270	267	239	54	31
16 to 17 years .....	161	128	132	111	29	15
18 to 19 years .....	161	144	135	128	26	16
20 to 24 years .....	435	394	366	333	70	61
25 to 54 years .....	1,775	1,730	1,380	1,341	415	388
25 to 34 years .....	756	717	603	587	153	130
35 to 44 years .....	547	521	406	390	141	131
45 to 54 years .....	472	492	351	364	122	127
55 to 64 years .....	425	428	342	359	83	70
55 to 59 years .....	227	242	183	199	44	44
60 to 64 years .....	198	186	159	160	39	26
65 years and over .....	271	300	235	265	36	35
Nonagricultural industries .....	102,946	105,080	56,656	57,588	46,290	47,492
16 to 19 years .....	5,799	5,801	2,946	2,875	2,853	2,926
16 to 17 years .....	2,111	2,291	1,095	1,137	1,016	1,155
18 to 19 years .....	3,687	3,509	1,851	1,739	1,837	1,771
20 to 24 years .....	13,310	13,112	6,827	6,721	6,483	6,391
25 to 54 years .....	70,205	72,631	39,020	40,206	31,184	32,425
25 to 34 years .....	30,161	31,217	16,779	17,354	13,382	13,863
35 to 44 years .....	23,960	25,033	13,230	13,726	10,730	11,306
45 to 54 years .....	16,083	16,382	9,011	9,126	7,072	7,256
55 to 64 years .....	11,064	10,894	6,409	6,276	4,655	4,617
55 to 59 years .....	6,664	6,621	3,842	3,793	2,823	2,828
60 to 64 years .....	4,400	4,273	2,567	2,484	1,832	1,789
65 years and over .....	2,569	2,641	1,454	1,508	1,115	1,133

**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	
	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
Total .....	106,175	108,201	59,226	60,124	56,012	57,010	46,949	48,077	44,042	45,120
Managerial and professional specialty .....	25,969	26,524	14,725	15,119	14,649	15,059	11,243	11,404	11,141	11,308
Executive, administrative, and managerial .....	12,152	12,488	7,835	8,002	7,802	7,971	4,318	4,486	4,281	4,447
Officials and administrators, public administration .....	537	496	331	335	330	335	206	161	206	161
Other executive, administrative, and managerial .....	8,214	8,512	5,665	5,755	5,633	5,731	2,549	2,757	2,521	2,733
Management-related occupations .....	3,401	3,480	1,838	1,912	1,838	1,906	1,563	1,568	1,553	1,554
Professional specialty .....	13,817	14,036	6,891	7,118	6,847	7,087	6,926	6,918	6,861	6,860
Engineers .....	1,593	1,681	1,474	1,582	1,471	1,582	119	99	119	98
Mathematical and computer scientists .....	575	673	412	424	410	422	163	249	162	249
Natural scientists .....	376	406	303	306	303	307	74	99	72	99
Health diagnosing occupations .....	794	715	678	627	678	627	117	88	116	88
Health assessment and treating occupations .....	1,984	1,990	301	314	297	314	1,683	1,676	1,681	1,675
Teachers, college and university .....	727	709	451	462	449	462	275	247	274	245
Teachers, except college and university .....	3,797	3,828	1,015	1,049	1,005	1,047	2,782	2,779	2,747	2,753
Lawyers and judges .....	693	651	565	521	565	521	127	130	127	129
Other professional specialty occupations .....	3,278	3,383	1,692	1,831	1,670	1,806	1,586	1,552	1,562	1,524
Technical, sales, and administrative support .....	32,734	33,883	11,542	11,889	10,978	11,327	21,192	21,994	19,716	20,362
Technicians and related support .....	3,133	3,269	1,628	1,713	1,606	1,689	1,505	1,556	1,491	1,535
Health technologists and technicians .....	1,051	1,099	168	185	164	182	884	913	880	909
Engineering and science technicians .....	1,082	1,174	845	925	832	917	237	249	232	242
Technicians, except health, engineering, and science .....	1,000	996	615	602	610	590	385	394	379	385
Sales occupations .....	12,475	12,975	6,614	6,727	6,238	6,405	5,861	6,249	5,027	5,351
Supervisors and proprietors .....	3,241	3,439	2,266	2,420	2,246	2,409	975	1,019	954	997
Sales representatives, finance and business services .....	2,061	2,199	1,246	1,266	1,235	1,256	816	932	802	898
Sales representatives, commodities, except retail .....	1,550	1,534	1,278	1,239	1,259	1,232	272	294	263	290
Sales workers, retail and personal services .....	5,564	5,733	1,803	1,776	1,476	1,486	3,761	3,957	2,976	3,129
Sales-related occupations .....	58	71	22	25	21	22	37	46	33	37
Administrative support, including clerical .....	17,125	17,639	3,300	3,449	3,134	3,232	13,825	14,190	13,197	13,475
Supervisors .....	712	651	335	271	335	270	378	380	374	379
Computer equipment operators .....	778	828	268	266	256	252	510	562	483	537
Secretaries, stenographers, and typists .....	5,008	4,787	142	78	128	65	4,866	4,709	4,664	4,469
Financial records processing .....	2,464	2,592	247	230	242	219	2,216	2,362	2,172	2,303
Mail and message distributing .....	807	898	505	586	486	564	303	312	278	296
Other administrative support, including clerical .....	7,356	7,883	1,803	2,018	1,687	1,863	5,553	5,865	5,226	5,491
Service occupations .....	14,310	14,639	5,630	5,744	4,739	4,850	8,680	8,895	7,623	7,869
Private household .....	955	1,009	45	50	34	33	910	959	756	775
Protective service .....	1,679	1,739	1,471	1,536	1,439	1,506	209	203	203	190
Service, except private household and protective .....	11,676	11,892	4,114	4,158	3,265	3,312	7,562	7,733	6,663	6,904
Food service .....	5,170	5,136	1,941	1,878	1,304	1,272	3,229	3,258	2,568	2,674
Health service .....	1,805	1,814	189	199	179	180	1,616	1,614	1,527	1,533
Cleaning and building service .....	2,713	2,845	1,601	1,689	1,435	1,507	1,112	1,156	1,057	1,092
Personal service .....	1,988	2,097	382	391	347	352	1,606	1,705	1,511	1,604
Precision production, craft, and repair .....	13,116	12,993	12,018	11,889	11,695	11,591	1,098	1,103	1,066	1,079
Mechanics and repairers .....	4,430	4,326	4,273	4,159	4,137	4,067	157	167	157	163
Construction trades .....	4,473	4,702	4,406	4,620	4,280	4,461	67	82	64	82
Other precision production, craft, and repair .....	4,213	3,964	3,339	3,110	3,278	3,063	874	854	844	833
Operators, fabricators, and laborers .....	16,584	16,765	12,398	12,589	11,358	11,604	4,186	4,176	3,996	4,029
Machine operators, assemblers, and inspectors .....	7,747	7,715	4,670	4,659	4,470	4,491	3,077	3,056	2,976	2,971
Manufacturing industries .....	6,537	6,523	3,879	3,886	3,729	3,760	2,658	2,637	2,580	2,584
Durable goods .....	3,610	3,605	2,544	2,493	2,431	2,408	1,066	1,112	1,041	1,091
Nondurable goods .....	2,928	2,918	1,335	1,393	1,297	1,352	1,592	1,525	1,538	1,493
Nonmanufacturing industries .....	1,209	1,193	791	774	741	731	419	419	396	387
Transportation and material moving occupations .....	4,637	4,488	4,243	4,061	4,087	3,938	394	427	374	414
Motor vehicle operators .....	3,394	3,284	3,036	2,896	2,912	2,802	359	388	339	375
Other transportation and material moving occupations .....	1,242	1,204	1,207	1,165	1,175	1,136	35	39	35	39
Handlers, equipment cleaners, helpers, and laborers .....	4,200	4,562	3,485	3,869	2,802	3,175	715	693	646	645
Construction laborers .....	588	651	572	634	508	589	16	18	14	18
Other handlers, equipment cleaners, helpers, and laborers .....	3,613	3,911	2,913	3,236	2,295	2,586	699	675	631	627
Farming, forestry, and fishing .....	3,462	3,397	2,913	2,893	2,593	2,581	550	504	501	474
Farm operators and managers .....	1,346	1,313	1,155	1,145	1,138	1,127	191	168	190	165
Other farming, forestry, and fishing occupations .....	2,116	2,084	1,758	1,748	1,455	1,454	358	335	311	309

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	106,175	108,201	59,226	60,124	46,949	48,077
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	24.5	24.5	24.9	25.1	23.9	23.7
Executive, administrative, and managerial .....	11.4	11.5	13.2	13.3	9.2	9.3
Professional specialty .....	13.0	13.0	11.6	11.8	14.8	14.4
Technical, sales, and administrative support .....	30.8	31.3	19.5	19.8	45.1	45.7
Technicians and related support .....	3.0	3.0	2.7	2.8	3.2	3.2
Sales occupations .....	11.7	12.0	11.2	11.2	12.5	13.0
Administrative support, including clerical .....	16.1	16.3	5.6	5.7	29.4	29.5
Service occupations .....	13.5	13.5	9.5	9.6	18.5	18.5
Private household .....	.9	.9	.1	.1	1.9	2.0
Protective service .....	1.6	1.6	2.5	2.8	.4	.4
Service, except private household and protective .....	11.0	11.0	6.9	6.9	16.1	16.1
Precision production, craft, and repair .....	12.4	12.0	20.3	19.8	2.3	2.3
Operators, fabricators, and laborers .....	15.6	15.5	20.9	20.9	8.9	8.7
Machine operators, assemblers, and inspectors .....	7.3	7.1	7.9	7.7	6.6	6.4
Transportation and material moving occupations .....	4.4	4.1	7.2	6.8	.8	.9
Handlers, equipment cleaners, helpers, and laborers .....	4.0	4.2	5.9	6.4	1.5	1.4
Farming, forestry, and fishing .....	3.3	3.1	4.9	4.8	1.2	1.0
<b>White</b>						
Total, 16 years and over (thousands) .....	92,950	94,533	52,557	53,193	40,392	41,339
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	25.5	25.5	26.0	26.2	24.9	24.6
Executive, administrative, and managerial .....	12.1	12.2	13.9	14.0	9.7	9.8
Professional specialty .....	13.5	13.4	12.1	12.2	15.3	14.9
Technical, sales, and administrative support .....	31.3	31.9	19.9	20.2	46.2	46.9
Technicians and related support .....	2.9	3.0	2.8	2.9	3.1	3.2
Sales occupations .....	12.4	12.6	11.8	11.9	13.2	13.6
Administrative support, including clerical .....	16.0	16.2	5.3	5.4	29.9	30.1
Service occupations .....	12.1	12.4	8.3	8.6	16.9	17.2
Private household .....	.7	.8	.1	.1	1.5	1.7
Protective service .....	1.5	1.5	2.3	2.4	.4	.4
Service, except private household and protective .....	9.9	10.0	5.9	6.1	15.0	15.1
Precision production, craft, and repair .....	12.9	12.4	21.0	20.3	2.3	2.2
Operators, fabricators, and laborers .....	14.8	14.5	19.8	19.7	8.4	8.0
Machine operators, assemblers, and inspectors .....	7.0	6.7	7.6	7.4	6.1	5.7
Transportation and material moving occupations .....	4.2	4.1	6.8	6.5	.8	.9
Handlers, equipment cleaners, helpers, and laborers .....	3.7	3.8	5.4	5.7	1.4	1.3
Farming, forestry, and fishing .....	3.4	3.3	5.0	5.0	1.3	1.1
<b>Black</b>						
Total, 16 years and over (thousands) .....	10,370	10,737	5,156	5,364	5,214	5,373
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	14.9	14.8	12.4	13.0	17.4	16.6
Executive, administrative, and managerial .....	6.5	6.3	7.0	6.7	6.0	5.9
Professional specialty .....	8.4	8.5	5.4	6.3	11.4	10.8
Technical, sales, and administrative support .....	26.5	27.2	14.8	15.9	38.0	36.4
Technicians and related support .....	2.7	2.7	1.9	1.7	3.5	3.7
Sales occupations .....	6.3	6.9	4.8	5.2	7.8	8.7
Administrative support, including clerical .....	17.5	17.6	8.1	9.1	26.7	26.1
Service occupations .....	24.7	22.9	19.6	17.2	29.8	28.7
Private household .....	2.6	2.1	.2	.1	5.0	4.0
Protective service .....	2.3	2.4	4.0	4.2	.7	.7
Service, except private household and protective .....	19.8	18.4	15.3	13.0	24.2	23.9
Precision production, craft, and repair .....	8.3	9.3	14.4	16.0	2.3	2.6
Operators, fabricators, and laborers .....	23.3	23.8	34.4	34.3	12.3	13.3
Machine operators, assemblers, and inspectors .....	10.0	10.5	10.8	11.0	9.2	10.1
Transportation and material moving occupations .....	6.5	5.4	12.0	9.7	1.0	1.2
Handlers, equipment cleaners, helpers, and laborers .....	6.8	7.8	11.6	13.6	2.1	2.0
Farming, forestry, and fishing .....	2.3	2.0	4.4	3.6	.3	.4



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

(In thousands)

Age and sex	April 1986								
	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 .....	97,242	1,263	16,495	79,483	7,586	253	1,549	1,415	158
16 to 19 years .....	5,719	254	339	5,126	68	14	201	29	39
16 to 17 years .....	2,248	179	85	1,984	39	5	86	13	26
18 to 19 years .....	3,471	75	254	3,142	29	9	115	16	13
20 to 24 years .....	12,794	162	1,230	11,402	300	18	315	64	15
25 to 34 years .....	29,262	194	4,416	24,652	1,910	44	428	265	24
35 to 44 years .....	22,797	179	4,751	17,867	2,162	74	233	267	21
45 to 54 years .....	14,806	186	3,385	11,235	1,525	51	185	276	30
55 to 64 years .....	9,729	171	2,010	7,547	1,127	38	126	282	21
55 to 59 years .....	5,973	92	1,273	4,608	619	28	65	163	14
60 to 64 years .....	3,755	80	737	2,939	508	9	61	118	7
65 years and over .....	2,135	117	365	1,654	493	13	61	232	7
Men, 16 years and over .....	52,466	187	7,928	44,351	5,083	40	1,265	1,216	55
16 to 19 years .....	2,823	70	147	2,606	44	8	178	28	33
16 to 17 years .....	1,105	55	43	1,006	29	3	78	12	21
18 to 19 years .....	1,718	14	104	1,600	15	5	100	16	12
20 to 24 years .....	6,526	33	550	5,942	186	9	263	61	10
25 to 34 years .....	16,095	23	2,087	13,985	1,253	6	343	238	6
35 to 44 years .....	12,304	13	2,251	10,041	1,419	3	181	209	-
45 to 54 years .....	8,078	15	1,631	6,433	1,046	2	139	224	2
55 to 64 years .....	5,484	19	1,055	4,410	786	6	110	249	-
55 to 59 years .....	3,365	10	688	2,667	422	6	57	141	-
60 to 64 years .....	2,119	8	367	1,743	364	-	53	108	-
65 years and over .....	1,155	14	208	933	348	5	52	209	4
Women, 16 years and over .....	44,776	1,077	8,566	35,133	2,503	213	284	199	103
16 to 19 years .....	2,895	185	191	2,519	24	6	23	1	7
16 to 17 years .....	1,143	123	42	977	10	2	8	1	6
18 to 19 years .....	1,753	61	150	1,542	14	4	15	-	1
20 to 24 years .....	6,268	128	680	5,460	114	9	52	4	5
25 to 34 years .....	13,167	171	2,329	10,667	657	38	85	27	18
35 to 44 years .....	10,492	166	2,501	7,826	743	71	52	58	21
45 to 54 years .....	6,728	172	1,754	4,802	479	50	46	53	28
55 to 64 years .....	4,244	153	955	3,137	341	32	16	33	21
55 to 59 years .....	2,608	81	585	1,941	197	23	8	22	14
60 to 64 years .....	1,637	71	370	1,196	144	9	8	11	7
65 years and over .....	980	102	157	721	145	8	9	23	3

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	April 1986												
	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 .....	3,121	71	55	20	18	97	-	8	37	7	35	18	2,755
Mining .....	899	150	85	34	19	100	-	10	267	21	173	39	-
Construction .....	7,171	874	144	74	92	434	-	38	4,125	88	473	813	16
Manufacturing .....	20,761	2,277	1,665	772	694	2,509	-	464	3,931	6,523	785	1,064	77
Durable goods .....	12,426	1,383	1,157	566	280	1,460	-	260	2,762	3,605	392	492	70
Nondurable goods .....	8,335	895	508	206	414	1,049	-	205	1,169	2,918	393	572	7
Transportation and public utilities .....	7,388	791	401	226	302	2,077	-	265	1,190	90	1,574	458	14
Wholesale and retail trade .....	22,442	1,817	373	93	9,284	2,310	-	4,266	1,426	240	876	1,725	31
Wholesale trade .....	4,443	441	58	39	1,771	877	-	47	299	101	461	336	18
Retail trade .....	17,998	1,376	315	55	7,513	1,437	-	4,219	1,127	139	416	1,390	13
Finance, insurance, and real estate .....	7,277	1,760	184	123	1,736	2,983	-	282	110	18	7	24	49
Services .....	34,153	3,716	10,414	1,729	802	5,759	1,009	7,105	1,665	690	503	365	397
Private households .....	1,271	1	7	7	2	11	1,009	91	14	3	2	24	100
Other service industries .....	32,882	3,715	10,407	1,723	800	5,748	-	7,012	1,651	688	500	341	297
Professional services .....	22,360	2,112	9,357	1,423	146	4,237	-	4,099	351	156	289	99	90
Public administration .....	4,990	1,032	715	197	28	1,369	-	1,191	242	39	63	55	57

<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					
	Apr. 1985	Apr. 1986	Total		Wage and salary workers <sup>1</sup>			
			Apr. 1985	Apr. 1986	Paid absences		Unpaid absences	
					Apr. 1985	Apr. 1986	Apr. 1985	Apr. 1986
Total, 16 years and over .....	5,417	3,817	5,365	3,724	2,909	1,716	1,936	1,576
Vacation .....	3,135	1,497	3,126	1,485	2,209	1,009	725	337
Illness .....	1,181	1,229	1,169	1,210	469	478	604	659
Bad weather .....	58	71	51	51	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Industrial dispute .....	20	25	20	25	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
All other reasons .....	1,023	994	999	952	231	229	607	580
Men, 16 years and over .....	2,501	1,896	2,457	1,827	1,342	908	795	681
Vacation .....	1,387	826	1,377	818	1,028	585	253	154
Illness .....	586	583	574	570	233	233	274	298
All other reasons <sup>3</sup> .....	528	487	506	439	80	90	268	229
Women, 16 years and over .....	2,916	1,920	2,908	1,897	1,568	807	1,139	896
Vacation .....	1,748	671	1,749	667	1,182	424	472	183
Illness .....	595	646	595	640	236	245	329	361
All other reasons <sup>3</sup> .....	573	603	564	589	151	138	338	352

<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	April 1986					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	104,385	3,028	101,356	100.0	100.0	100.0
1 to 34 hours .....	24,725	827	23,898	23.7	27.3	23.6
1 to 4 hours .....	806	37	769	.8	1.2	.8
5 to 14 hours .....	4,655	198	4,457	4.5	6.5	4.4
15 to 29 hours .....	12,530	408	12,124	12.0	13.4	12.0
30 to 34 hours .....	6,734	186	6,548	6.5	6.1	6.5
35 hours and over .....	79,659	2,202	77,457	76.3	72.7	76.4
35 to 39 hours .....	7,020	128	6,892	6.7	4.2	6.8
40 hours .....	43,349	615	42,734	41.5	20.3	42.2
41 hours and over .....	29,290	1,459	27,831	28.1	48.2	27.5
41 to 48 hours .....	10,894	235	10,460	10.2	7.8	10.3
49 to 59 hours .....	10,635	466	10,168	10.2	15.4	10.0
60 hours and over .....	7,961	758	7,203	7.6	25.0	7.1
Average hours, total at work .....	39.0	44.6	38.9	-	-	-
Average hours, workers on full-time schedules .....	43.7	52.2	43.5	-	-	-

**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	April 1986					
	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 .....	24,725	6,097	16,628	23,898	5,856	16,042
Economic reasons .....	5,449	1,613	3,636	5,199	1,722	3,477
Slack work .....	2,465	1,470	995	2,321	1,391	930
Material shortages or repairs to plant and equipment .....	68	68	-	67	67	-
New job started during week .....	212	212	-	202	202	-
Job terminated during week .....	63	63	-	63	63	-
Could find only part-time work .....	2,641	-	2,641	2,547	-	2,547
Other reasons .....	19,275	4,283	14,992	18,701	4,136	14,565
Does not want, or unavailable for, full-time work .....	12,839	-	12,839	12,493	-	12,493
Vacation .....	1,088	1,088	-	1,052	1,052	-
Illness .....	1,467	1,314	153	1,437	1,293	144
Bad weather .....	302	302	-	260	260	-
Industrial dispute .....	7	7	-	7	7	-
Legal or religious holiday .....	22	22	-	22	22	-
Full time for this job .....	1,437	-	1,437	1,421	-	1,421
All other reasons .....	2,134	1,571	563	2,006	1,500	506
Average hours:						
Economic reasons .....	22.2	24.3	21.1	22.3	24.4	21.3
Other reasons .....	20.6	26.5	18.9	20.7	26.5	19.0
Worked 30 to 34 hours:						
Economic reasons .....	1,733	805	928	1,683	769	914
Other reasons .....	5,001	2,335	2,666	4,865	2,264	2,601

**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	April 1986								
	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 .....	101,356	5,199	14,565	81,592	53,761	10,460	17,371	38.9	43.5
Wage and salary workers .....	93,906	4,638	13,258	76,010	51,257	9,940	14,813	38.7	43.1
Mining .....	829	37	12	780	434	130	216	44.9	46.4
Construction .....	5,612	387	254	4,971	3,443	554	974	40.3	42.8
Manufacturing .....	19,683	666	670	18,347	12,170	2,909	3,268	41.7	43.1
Durable goods .....	11,807	235	308	11,264	7,445	1,789	2,030	42.2	43.1
Nondurable goods .....	7,875	431	362	7,082	4,724	1,120	1,238	41.0	43.1
Transportation and public utilities .....	6,768	242	373	6,153	4,249	808	1,096	41.2	43.2
Wholesale and retail trade .....	19,934	1,501	4,931	13,502	8,116	2,097	3,289	36.4	44.1
Finance, insurance, and real estate .....	6,530	144	634	5,752	4,001	689	1,062	40.0	42.5
Service industries .....	29,683	1,576	6,135	21,972	15,379	2,319	4,274	36.7	42.8
Private households .....	1,225	252	580	393	272	24	97	24.0	44.6
All other industries .....	28,458	1,324	5,555	21,579	15,107	2,295	4,177	37.2	42.8
Public administration .....	4,867	85	250	4,532	3,469	432	631	40.6	42.1
Self-employed workers .....	7,197	543	1,211	5,443	2,428	509	2,506	41.2	48.5
Unpaid family workers .....	253	17	96	140	76	10	54	36.6	48.2

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**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	April 1986							
	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 hours or more		
<b>TOTAL</b>								
Total, 16 years and over .....	101,356	5,199	14,565	81,592	53,761	27,831	38.9	43.5
16 to 19 years .....	5,643	491	3,495	1,657	1,286	371	23.6	40.4
16 to 17 years .....	2,208	86	1,931	191	160	31	16.8	36.3
18 to 19 years .....	3,435	405	1,564	1,466	1,126	340	28.0	40.9
20 years and over .....	95,713	4,709	11,070	79,934	52,473	27,461	39.8	43.5
20 to 24 years .....	12,770	1,050	2,297	9,423	6,744	2,679	36.4	42.2
25 years and over .....	82,943	3,659	8,773	70,511	45,730	24,781	40.3	43.7
25 to 44 years .....	54,354	2,448	4,816	47,090	30,069	17,021	40.8	43.8
45 to 64 years .....	26,115	1,111	2,679	22,325	14,915	7,410	40.3	43.6
65 years and over .....	2,474	101	1,278	1,095	744	351	28.7	43.0
<b>Men, 16 years and over</b> .....	55,761	2,397	4,406	48,958	28,920	20,038	41.8	44.9
16 to 19 years .....	2,802	243	1,651	908	684	224	25.0	41.3
16 to 17 years .....	1,099	46	945	108	91	17	17.8	37.7
18 to 19 years .....	1,703	198	707	798	589	209	29.6	41.8
20 years and over .....	52,960	2,155	2,754	48,051	28,237	19,814	42.7	45.0
20 to 24 years .....	6,558	472	956	5,130	3,371	1,759	38.3	43.3
25 years and over .....	46,402	1,683	1,797	42,922	24,868	18,054	43.3	45.1
25 to 44 years .....	30,209	1,193	676	28,340	16,009	12,331	43.9	45.4
45 to 64 years .....	14,781	440	468	13,873	8,412	5,461	43.4	44.8
65 years and over .....	1,412	50	653	709	447	262	30.8	44.0
<b>Women, 16 years and over</b> .....	45,595	2,801	10,159	32,635	24,842	7,793	35.2	41.3
16 to 19 years .....	2,841	248	1,844	749	603	146	22.3	39.2
16 to 17 years .....	1,109	39	986	84	70	14	15.8	34.6
18 to 19 years .....	1,732	208	858	666	534	132	26.5	39.8
20 years and over .....	42,754	2,554	8,315	31,885	24,238	7,647	36.1	41.4
20 to 24 years .....	6,212	578	1,340	4,294	3,374	920	34.5	40.8
25 years and over .....	36,541	1,976	6,975	27,590	20,864	6,726	36.4	41.5
25 to 44 years .....	24,145	1,254	4,140	18,751	14,060	4,691	36.8	41.4
45 to 64 years .....	11,334	672	2,210	8,452	6,505	1,947	36.4	41.6
65 years and over .....	1,062	51	624	387	298	89	25.9	41.2
<b>RACE</b>								
White, 16 years and over .....	88,394	4,227	13,176	70,991	45,355	25,636	39.0	43.7
Men .....	49,212	1,949	3,925	43,338	24,734	18,604	42.1	45.2
Women .....	39,182	2,278	9,251	27,653	20,621	7,032	35.1	41.5
Black, 16 years and over .....	10,199	829	1,034	8,336	6,776	1,560	37.5	41.2
Men .....	5,070	386	342	4,342	3,329	1,013	39.1	42.2
Women .....	5,130	444	692	3,994	3,447	547	35.9	40.1
<b>MARITAL STATUS</b>								
Men, 16 years and over:								
Married, spouse present .....	36,573	1,056	1,289	34,228	19,535	14,693	43.7	45.3
Widowed, divorced, or separated .....	5,434	296	271	4,867	2,925	1,942	42.4	44.8
Single (never married) .....	13,755	1,046	2,845	9,864	6,461	3,403	36.5	43.5
Women, 16 years and over:								
Married, spouse present .....	25,248	1,353	5,798	18,097	14,095	4,002	35.2	41.0
Widowed, divorced, or separated .....	8,989	624	1,224	7,141	5,155	1,986	37.8	42.1
Single (never married) .....	11,358	824	3,137	7,397	5,593	1,804	33.3	41.4

**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	April 1986								
	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 .....	101,101	5,128	14,495	81,478	53,609	10,477	17,392	38.9	43.5
Managerial and professional specialty .....	25,648	497	2,346	22,805	12,770	2,867	7,167	42.5	45.4
Executive, administrative, and managerial .....	12,130	143	606	11,381	5,830	1,450	4,102	44.9	46.5
Professional specialty .....	13,518	354	1,740	11,424	6,941	1,417	3,066	40.4	44.4
Technical, sales, and administrative support .....	32,804	1,221	5,895	25,688	17,987	3,138	4,562	37.6	42.5
Technicians and related support .....	3,177	63	355	2,759	2,019	353	387	39.2	42.0
Sales occupations .....	12,522	661	2,665	9,197	4,773	1,322	3,102	38.8	45.7
Administrative support, including clerical .....	17,105	497	2,876	13,732	11,195	1,464	1,073	36.4	40.5
Service occupations .....	14,084	1,531	4,352	8,201	6,072	858	1,271	32.7	42.4
Private household .....	983	186	497	300	204	18	77	23.9	44.6
Protective service .....	1,683	50	155	1,478	937	223	318	41.5	44.8
Service, except private household and protective .....	11,418	1,294	3,700	6,423	4,930	617	876	32.2	41.7
Precision production, craft, and repair .....	12,540	683	421	11,436	7,625	1,665	2,146	41.3	43.2
Operators, fabricators, and laborers .....	16,025	1,196	1,480	13,348	9,154	1,949	2,245	39.3	42.9
Machine operators, assemblers, and inspectors .....	7,384	462	325	6,598	4,830	972	796	40.0	42.0
Transportation and material moving occupations .....	4,271	289	383	3,599	2,010	544	1,045	41.7	45.6
Handlers, equipment cleaners, helpers, and laborers .....	4,370	445	773	3,152	2,315	433	404	35.8	41.8
Men, 16 years and over .....	55,426	2,322	4,315	48,789	28,737	6,853	13,199	41.9	44.9
Managerial and professional specialty .....	14,729	208	689	13,832	6,734	1,783	5,315	45.4	47.0
Executive, administrative, and managerial .....	7,796	85	235	7,477	3,362	940	3,174	46.7	47.9
Professional specialty .....	6,932	124	454	6,355	3,372	843	2,141	43.8	46.1
Technical, sales, and administrative support .....	11,567	263	1,081	10,223	5,608	1,498	3,117	42.5	45.5
Technicians and related support .....	1,672	14	105	1,553	1,039	221	294	41.6	43.4
Sales occupations .....	6,543	154	609	5,781	2,462	854	2,465	44.5	47.8
Administrative support, including clerical .....	3,352	95	367	2,890	2,108	424	358	38.8	42.1
Service occupations .....	5,555	431	1,249	3,875	2,694	491	691	36.0	43.4
Private household .....	49	10	27	11	4	-	8	( <sup>1</sup> )	( <sup>1</sup> )
Protective service .....	1,485	36	101	1,346	839	208	301	42.6	45.1
Service, except private household and protective .....	4,021	384	1,121	2,516	1,852	283	382	33.7	42.4
Precision production, craft, and repair .....	11,493	611	306	10,576	6,973	1,545	2,057	41.6	43.3
Operators, fabricators, and laborers .....	12,081	808	990	10,283	6,728	1,536	2,019	40.2	43.6
Machine operators, assemblers, and inspectors .....	4,489	195	131	4,163	2,877	648	639	41.4	42.8
Transportation and material moving occupations .....	3,865	247	221	3,398	1,863	513	1,022	42.8	45.8
Handlers, equipment cleaners, helpers, and laborers .....	3,727	366	639	2,721	1,988	375	358	36.0	41.9
Women, 16 years and over .....	45,675	2,807	10,179	32,689	24,872	3,624	4,193	35.2	41.3
Managerial and professional specialty .....	10,920	289	1,657	8,973	6,036	1,085	1,852	38.8	42.9
Executive, administrative, and managerial .....	4,334	59	371	3,904	2,467	510	927	41.6	43.8
Professional specialty .....	6,585	230	1,286	5,069	3,569	575	925	36.9	42.2
Technical, sales, and administrative support .....	21,237	958	4,814	15,464	12,379	1,640	1,445	34.9	40.5
Technicians and related support .....	1,504	48	250	1,206	981	132	93	36.5	40.3
Sales occupations .....	5,979	507	2,056	3,416	2,311	469	636	32.5	42.2
Administrative support, including clerical .....	13,753	402	2,509	10,842	9,087	1,040	715	35.8	40.0
Service occupations .....	8,529	1,100	3,103	4,326	3,378	368	580	30.6	41.4
Private household .....	934	176	469	288	200	18	70	24.0	44.2
Protective service .....	199	15	54	130	99	15	17	32.9	41.4
Service, except private household and protective .....	7,396	909	2,580	3,907	3,079	335	494	31.4	41.2
Precision production, craft, and repair .....	1,047	72	115	860	652	119	89	37.7	41.4
Operators, fabricators, and laborers .....	3,943	388	490	3,066	2,427	413	227	36.6	40.8
Machine operators, assemblers, and inspectors .....	2,895	266	194	2,434	1,953	324	157	37.9	40.6
Transportation and material moving occupations .....	406	43	162	201	146	31	23	30.5	41.5
Handlers, equipment cleaners, helpers, and laborers .....	643	79	134	431	327	57	46	34.4	41.3

<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	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>TOTAL</b>													
Noninstitutional population <sup>1</sup> .....	179,501	179,649	179,798	179,967	180,131	180,304	180,470	180,642	180,810	181,361	181,512	181,678	181,843
Labor force <sup>1</sup> .....	116,958	117,044	116,726	116,976	117,069	117,522	117,814	117,832	117,927	118,477	118,779	118,900	118,929
Percent of population <sup>2</sup> .....	65.2	65.2	64.9	65.0	65.0	65.2	65.3	65.2	65.2	65.3	65.4	65.4	65.4
Total employed <sup>1</sup> .....	108,574	108,644	108,303	108,575	108,936	109,251	109,513	109,671	109,904	110,646	110,252	110,481	110,587
Employment-population ratio <sup>3</sup> .....	60.5	60.5	60.2	60.3	60.5	60.6	60.7	60.7	60.8	61.0	60.7	60.8	60.8
Resident Armed Forces .....	1,702	1,705	1,702	1,704	1,726	1,732	1,700	1,702	1,698	1,691	1,691	1,693	1,695
Civilian employed .....	106,872	106,939	106,601	106,871	107,210	107,519	107,813	107,969	108,206	108,955	108,561	108,788	108,892
Agriculture .....	3,353	3,284	3,140	3,120	3,095	3,017	3,058	3,070	3,151	3,299	3,096	3,285	3,222
Nonagricultural industries .....	103,519	103,655	103,461	103,751	104,115	104,502	104,755	104,899	105,055	105,655	105,465	105,503	105,670
Unemployed .....	8,384	8,400	8,423	8,401	8,133	8,271	8,301	8,161	8,023	7,831	8,527	8,419	8,342
Unemployment rate <sup>4</sup> .....	7.2	7.2	7.2	7.2	6.9	7.0	7.0	6.9	6.8	6.6	7.2	7.1	7.0
Not in labor force .....	62,543	62,605	63,072	62,991	63,062	62,782	62,656	62,810	62,883	62,885	62,733	62,778	62,914
<b>Men</b>													
Noninstitutional population <sup>1</sup> .....	85,827	85,898	85,970	86,052	86,132	86,217	86,293	86,374	86,459	86,882	86,954	87,035	87,120
Labor force <sup>1</sup> .....	65,929	66,012	65,808	65,884	65,945	66,074	66,227	66,176	66,139	66,679	66,838	66,864	66,757
Percent of population <sup>2</sup> .....	76.8	76.8	76.5	76.6	76.6	76.6	76.7	76.6	76.5	76.7	76.9	76.8	76.6
Total employed <sup>1</sup> .....	61,373	61,498	61,175	61,273	61,510	61,629	61,656	61,731	61,793	62,458	62,243	62,288	62,254
Employment-population ratio <sup>3</sup> .....	71.5	71.6	71.2	71.2	71.4	71.5	71.4	71.5	71.5	71.9	71.6	71.6	71.5
Resident Armed Forces .....	1,553	1,556	1,552	1,554	1,574	1,580	1,551	1,552	1,549	1,539	1,539	1,540	1,541
Civilian employed .....	59,820	59,942	59,623	59,719	59,936	60,049	60,105	60,179	60,244	60,919	60,704	60,748	60,713
Unemployed .....	4,556	4,514	4,633	4,611	4,435	4,445	4,571	4,445	4,346	4,221	4,595	4,577	4,503
Unemployment rate <sup>4</sup> .....	6.9	6.8	7.0	7.0	6.7	6.7	6.9	6.7	6.6	6.3	6.9	6.8	6.7
Not in labor force .....	19,898	19,886	20,162	20,168	20,187	20,143	20,066	20,198	20,320	20,203	20,116	20,171	20,363
<b>Women</b>													
Noninstitutional population <sup>1</sup> .....	93,674	93,751	93,828	93,915	93,999	94,087	94,177	94,266	94,351	94,479	94,558	94,643	94,723
Labor force <sup>1</sup> .....	51,029	51,032	50,918	51,092	51,124	51,448	51,587	51,655	51,788	51,797	51,941	52,036	52,172
Percent of population <sup>2</sup> .....	54.5	54.4	54.3	54.4	54.4	54.7	54.8	54.8	54.9	54.8	54.9	55.0	55.1
Total employed <sup>1</sup> .....	47,201	47,146	47,128	47,302	47,426	47,622	47,857	47,939	48,111	48,187	48,009	48,194	48,333
Employment-population ratio <sup>3</sup> .....	50.4	50.3	50.2	50.4	50.5	50.6	50.8	50.9	51.0	51.0	50.8	50.9	51.0
Resident Armed Forces .....	149	149	150	150	152	152	149	149	149	152	152	153	154
Civilian employed .....	47,052	46,997	46,978	47,152	47,274	47,470	47,708	47,790	47,962	48,035	47,857	48,041	48,179
Unemployed .....	3,828	3,886	3,790	3,790	3,698	3,826	3,730	3,716	3,677	3,610	3,932	3,842	3,839
Unemployment rate <sup>4</sup> .....	7.5	7.6	7.4	7.4	7.2	7.4	7.2	7.2	7.1	7.0	7.6	7.4	7.4
Not in labor force .....	42,645	42,719	42,910	42,823	42,875	42,639	42,590	42,611	42,563	42,682	42,617	42,607	42,551

<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	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	177,799	177,944	178,096	178,263	178,405	178,572	178,770	178,940	179,112	179,670	179,821	179,985	180,148
Civilian labor force .....	115,258	115,339	115,024	115,272	115,343	115,790	116,114	118,130	116,229	116,786	117,088	117,207	117,234
Percent of population .....	64.8	64.8	64.6	64.7	64.7	64.8	65.0	64.9	64.9	65.0	65.1	65.1	65.1
Employed .....	106,872	106,939	106,601	108,871	107,210	107,519	107,813	107,969	108,206	108,955	108,561	108,788	108,892
Employment-population ratio <sup>2</sup> .....	60.1	60.1	59.9	60.0	60.1	60.2	60.3	60.4	60.4	60.6	60.4	60.4	60.4
Unemployed .....	8,384	8,400	8,423	8,401	8,133	8,271	8,301	8,161	8,023	7,831	8,527	8,419	8,342
Unemployment rate .....	7.3	7.3	7.3	7.3	7.1	7.1	7.1	7.0	6.9	6.7	7.3	7.2	7.1
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	78,988	77,068	77,135	77,243	77,306	77,389	77,498	77,566	77,651	78,101	78,171	78,236	78,309
Civilian labor force .....	60,165	60,240	60,246	60,158	60,269	60,407	60,526	60,553	60,548	61,212	61,183	61,268	61,053
Percent of population .....	78.1	78.2	78.1	77.9	78.0	78.1	78.1	78.1	78.0	78.4	78.3	78.3	78.0
Employed .....	56,390	56,544	56,384	56,403	56,636	56,751	56,849	56,897	56,982	57,706	57,384	57,459	57,391
Employment-population ratio <sup>2</sup> .....	73.2	73.4	73.1	73.0	73.3	73.3	73.4	73.4	73.4	73.9	73.4	73.4	73.3
Agriculture .....	2,358	2,352	2,260	2,230	2,231	2,171	2,188	2,210	2,278	2,349	2,258	2,411	2,347
Nonagricultural industries .....	54,032	54,192	54,124	54,173	54,405	54,580	54,661	54,687	54,704	55,356	55,127	55,048	55,043
Unemployed .....	3,775	3,696	3,862	3,755	3,633	3,656	3,677	3,656	3,566	3,507	3,799	3,809	3,663
Unemployment rate .....	6.3	6.1	6.4	6.2	6.0	6.1	6.1	6.0	5.9	5.7	6.2	6.2	6.0
Not in labor force .....	16,823	16,828	16,889	17,085	17,037	16,982	16,972	17,013	17,103	16,889	16,988	16,968	17,256
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	86,274	86,380	86,477	86,575	86,652	86,727	86,810	86,901	86,988	87,112	87,185	87,263	87,355
Civilian labor force .....	47,103	47,082	47,185	47,190	47,340	47,558	47,663	47,713	47,870	47,895	47,921	47,952	48,107
Percent of population .....	54.6	54.5	54.6	54.5	54.6	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.1
Employed .....	43,925	43,883	44,033	44,070	44,197	44,363	44,609	44,656	44,882	44,980	44,710	44,797	45,009
Employment-population ratio <sup>2</sup> .....	50.9	50.8	50.9	50.9	51.0	51.2	51.4	51.4	51.6	51.6	51.3	51.3	51.5
Agriculture .....	633	600	572	596	581	557	609	591	597	696	593	598	576
Nonagricultural industries .....	43,292	43,283	43,461	43,474	43,616	43,806	44,000	44,065	44,285	44,284	44,117	44,199	44,433
Unemployed .....	3,178	3,199	3,152	3,120	3,143	3,195	3,054	3,057	2,988	2,915	3,211	3,155	3,097
Unemployment rate .....	6.7	6.8	6.7	6.6	6.6	6.7	6.4	6.4	6.2	6.1	6.7	6.6	6.4
Not in labor force .....	39,171	39,298	39,292	39,385	39,312	39,169	39,147	39,186	39,118	39,217	39,264	39,311	39,248
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	14,538	14,496	14,483	14,445	14,448	14,456	14,463	14,472	14,474	14,458	14,465	14,485	14,484
Civilian labor force .....	7,988	8,017	7,593	7,924	7,734	7,825	7,925	7,864	7,811	7,678	7,984	7,987	8,074
Percent of population .....	54.9	55.3	52.4	54.9	53.5	54.1	54.8	54.3	54.0	53.1	55.2	55.1	55.7
Employed .....	6,557	6,512	6,184	6,398	6,377	6,405	6,355	6,416	6,342	6,269	6,467	6,532	6,492
Employment-population ratio <sup>2</sup> .....	45.1	44.9	42.7	44.3	44.1	44.3	43.9	44.3	43.8	43.4	44.7	45.1	44.8
Agriculture .....	362	332	308	294	283	289	261	269	276	254	246	276	298
Nonagricultural industries .....	6,195	6,180	5,876	6,104	6,094	6,116	6,094	6,147	6,066	6,015	6,221	6,256	6,194
Unemployed .....	1,431	1,505	1,409	1,526	1,357	1,420	1,570	1,448	1,469	1,409	1,517	1,455	1,582
Unemployment rate .....	17.9	18.8	18.6	19.3	17.5	18.1	19.8	18.4	18.8	18.4	19.0	18.2	19.6
Not in labor force .....	6,550	6,479	6,890	6,521	6,714	6,631	6,538	6,608	6,663	6,780	6,481	6,498	6,410

<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	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	153,388	153,489	153,597	153,717	153,819	153,938	154,082	154,203	154,327	154,784	154,889	155,005	155,122
Civilian labor force .....	99,718	99,771	99,527	99,705	99,817	100,179	100,533	100,478	100,533	100,961	101,232	101,248	101,249
Percent of population .....	65.0	65.0	64.8	64.9	64.9	65.1	65.2	65.2	65.1	65.2	65.4	65.3	65.3
Employed .....	93,470	93,574	93,132	93,378	93,684	94,055	94,369	94,507	94,585	95,165	94,803	94,958	95,081
Employment-population ratio <sup>2</sup> .....	60.9	61.0	60.6	60.7	60.9	61.1	61.2	61.3	61.3	61.5	61.2	61.3	61.3
Unemployed .....	6,248	6,197	6,395	6,327	6,133	6,124	6,164	5,971	5,948	5,796	6,429	6,290	6,168
Unemployment rate .....	6.3	6.2	6.4	6.3	6.1	6.1	6.1	5.9	5.9	5.7	6.4	6.2	6.1
<b>Men, 20 years and over</b>													
Civilian labor force .....	52,825	52,877	52,870	52,752	52,877	52,983	53,105	53,125	53,097	53,603	53,598	53,613	53,504
Percent of population .....	78.6	78.6	78.5	78.2	78.4	78.5	78.6	78.5	78.4	78.7	78.6	78.6	78.4
Employed .....	49,947	50,114	49,848	49,815	50,050	50,207	50,339	50,380	50,408	50,944	50,691	50,665	50,717
Employment-population ratio <sup>2</sup> .....	74.3	74.5	74.0	73.9	74.2	74.4	74.5	74.5	74.4	74.8	74.4	74.3	74.3
Unemployed .....	2,878	2,763	3,022	2,937	2,827	2,776	2,766	2,745	2,689	2,659	2,906	2,948	2,786
Unemployment rate .....	5.4	5.2	5.7	5.6	5.3	5.2	5.2	5.2	5.1	5.0	5.4	5.5	5.2
<b>Women, 20 years and over</b>													
Civilian labor force .....	40,003	39,978	40,080	40,131	40,254	40,403	40,549	40,538	40,659	40,691	40,698	40,750	40,808
Percent of population .....	53.9	53.8	53.9	53.9	54.0	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4
Employed .....	37,677	37,648	37,760	37,840	37,964	38,096	38,317	38,366	38,475	38,546	38,298	38,407	38,566
Employment-population ratio <sup>2</sup> .....	50.8	50.7	50.8	50.8	51.0	51.1	51.3	51.4	51.5	51.5	51.1	51.3	51.4
Unemployed .....	2,326	2,330	2,320	2,291	2,290	2,307	2,232	2,172	2,184	2,145	2,401	2,343	2,242
Unemployment rate .....	5.8	5.8	5.8	5.7	5.7	5.7	5.5	5.4	5.4	5.3	5.9	5.8	5.5
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	6,890	6,916	6,577	6,822	6,686	6,793	6,879	6,815	6,777	6,667	6,936	6,885	6,937
Percent of population .....	57.8	58.1	55.3	57.5	56.4	57.3	58.0	57.4	57.1	56.2	58.5	58.1	58.4
Employed .....	5,846	5,812	5,524	5,723	5,670	5,752	5,713	5,761	5,702	5,675	5,814	5,886	5,797
Employment-population ratio <sup>2</sup> .....	49.0	48.9	46.5	48.2	47.8	48.5	48.2	48.6	48.1	47.8	49.0	49.6	48.8
Unemployed .....	1,044	1,104	1,053	1,099	1,016	1,041	1,166	1,054	1,075	992	1,122	999	1,140
Unemployment rate .....	15.2	16.0	16.0	16.1	15.2	15.3	17.0	15.5	15.9	14.9	16.2	14.5	16.4
Men .....	15.7	16.7	16.7	17.1	17.2	16.2	18.5	15.8	16.2	14.7	16.5	15.3	17.2
Women .....	14.5	15.1	15.2	15.0	13.0	14.4	15.3	15.1	15.5	15.1	15.8	13.7	15.6
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	19,594	19,620	19,646	19,675	19,700	19,728	19,761	19,790	19,819	19,837	19,863	19,889	19,916
Civilian labor force .....	12,364	12,372	12,317	12,354	12,289	12,378	12,412	12,457	12,522	12,548	12,545	12,656	12,740
Percent of population .....	63.1	63.1	62.7	62.8	62.4	62.7	62.8	62.9	63.2	63.3	63.2	63.6	64.0
Employed .....	10,489	10,466	10,538	10,499	10,560	10,500	10,566	10,518	10,657	10,737	10,690	10,791	10,856
Employment-population ratio <sup>2</sup> .....	53.5	53.3	53.6	53.4	53.6	53.2	53.5	53.1	53.8	54.1	53.8	54.3	54.5
Unemployed .....	1,875	1,906	1,779	1,855	1,729	1,878	1,846	1,939	1,865	1,810	1,855	1,865	1,884
Unemployment rate .....	15.2	15.4	14.4	15.0	14.1	15.2	14.9	15.6	14.9	14.4	14.8	14.7	14.8
<b>Men, 20 years and over</b>													
Civilian labor force .....	5,714	5,754	5,731	5,745	5,747	5,788	5,778	5,772	5,797	5,887	5,858	5,913	5,916
Percent of population .....	74.2	74.6	74.2	74.2	74.2	74.6	74.3	74.1	74.2	75.1	74.6	75.2	75.1
Employed .....	4,952	4,985	5,017	5,012	5,062	5,019	4,987	4,983	5,035	5,142	5,081	5,169	5,170
Employment-population ratio <sup>2</sup> .....	64.3	64.6	65.0	64.8	65.3	64.7	64.1	63.9	64.5	65.6	64.7	65.7	65.7
Unemployed .....	762	769	714	733	685	769	791	789	762	745	778	744	746
Unemployment rate .....	13.3	13.4	12.5	12.8	11.9	13.3	13.7	13.7	13.1	12.7	13.3	12.6	12.6
<b>Women, 20 years and over</b>													
Civilian labor force .....	5,745	5,709	5,727	5,701	5,696	5,724	5,727	5,810	5,835	5,762	5,776	5,791	5,875
Percent of population .....	59.0	58.6	58.7	58.3	58.1	58.3	58.3	59.0	59.2	58.4	58.5	58.5	59.3
Employed .....	4,988	4,939	5,001	4,953	4,951	4,951	5,032	5,017	5,102	5,074	5,054	5,087	5,140
Employment-population ratio <sup>2</sup> .....	51.3	50.7	51.2	50.6	50.5	50.5	51.2	50.9	51.7	51.5	51.2	51.4	51.9
Unemployed .....	757	770	726	748	745	773	695	793	733	689	722	704	735
Unemployment rate .....	13.2	13.5	12.7	13.1	13.1	13.5	12.1	13.6	12.6	12.0	12.5	12.2	12.5

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	1985										1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
<b>BLACK—Continued</b>														
<b>Both sexes, 16 to 19 years</b>														
Civilian labor force .....	905	909	859	908	848	866	907	875	890	898	911	951	949	
Percent of population .....	41.8	42.1	39.8	42.1	39.3	40.2	42.2	40.7	41.5	42.0	42.8	44.5	44.4	
Employed .....	549	542	520	534	547	530	547	518	520	522	555	535	545	
Employment-population ratio <sup>2</sup> .....	25.4	25.1	24.1	24.8	25.4	24.6	25.4	24.1	24.2	24.4	26.0	25.1	25.5	
Unemployed .....	356	367	339	374	299	336	360	357	370	376	356	416	404	
Unemployment rate .....	39.3	40.4	39.5	41.2	35.3	38.8	39.7	40.8	41.6	41.9	39.1	43.7	42.8	
Men .....	39.4	39.3	41.0	43.1	34.9	41.1	41.0	45.2	41.0	41.3	38.7	44.1	41.4	
Women .....	39.3	41.5	37.8	39.0	35.9	36.1	38.2	36.0	42.3	42.4	39.5	43.4	43.8	
<b>HISPANIC ORIGIN</b>														
Civilian noninstitutional population <sup>1</sup> .....	11,826	11,862	11,897	11,933	11,969	12,004	12,040	12,075	12,111	12,148	12,184	12,219	12,255	
Civilian labor force .....	7,607	7,616	7,669	7,713	7,781	7,844	7,854	7,782	7,772	7,787	7,943	7,920	7,975	
Percent of population .....	64.3	64.2	64.5	64.6	65.0	65.3	65.2	64.4	64.2	64.1	65.2	64.8	65.1	
Employed .....	6,814	6,806	6,856	6,870	6,873	7,026	6,982	6,953	6,962	6,998	6,969	7,105	7,144	
Employment-population ratio <sup>2</sup> .....	57.6	57.4	57.6	57.6	58.3	58.5	58.0	57.6	57.5	57.6	57.2	58.2	58.3	
Unemployed .....	793	810	813	843	808	818	872	829	810	789	974	815	832	
Unemployment rate .....	10.4	10.6	10.6	10.9	10.4	10.4	11.1	10.7	10.4	10.1	12.3	10.3	10.4	

<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	1985										1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
<b>CHARACTERISTIC</b>														
Total .....	106,872	106,939	106,601	106,871	107,210	107,519	107,813	107,969	108,206	108,955	108,581	108,788	108,892	
Married men, spouse present .....	39,362	39,260	38,966	39,096	39,142	39,103	39,272	39,314	39,278	39,615	39,382	39,365	39,555	
Married women, spouse present .....	26,087	26,036	26,174	26,316	26,392	26,531	26,702	26,721	26,804	26,958	26,593	26,656	26,802	
Women who maintain families .....	5,603	5,626	5,643	5,807	5,827	5,556	5,514	5,605	5,693	5,702	5,733	5,771	5,812	
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>														
Agriculture:														
Wage and salary workers .....	1,653	1,582	1,530	1,479	1,456	1,438	1,465	1,537	1,572	1,673	1,519	1,689	1,587	
Self-employed workers .....	1,493	1,498	1,451	1,474	1,444	1,414	1,436	1,361	1,409	1,492	1,444	1,453	1,475	
Unpaid family workers .....	219	196	159	170	176	179	172	158	164	163	156	172	180	
Nonagricultural industries:														
Wage and salary workers .....	95,493	95,680	95,391	95,523	95,791	96,546	96,530	96,676	96,921	97,911	97,516	97,698	97,831	
Government .....	15,955	15,936	16,000	15,949	16,075	16,145	16,213	16,157	16,194	16,418	16,104	16,095	16,187	
Private industries .....	79,538	79,724	79,391	79,574	79,716	80,401	80,317	80,519	80,727	81,494	81,412	81,604	81,643	
Private households .....	1,218	1,255	1,228	1,251	1,295	1,266	1,271	1,197	1,131	1,256	1,197	1,213	1,321	
Other industries .....	78,320	78,469	78,163	78,323	78,421	79,135	79,046	79,322	79,586	80,238	80,216	80,390	80,322	
Self-employed workers .....	7,717	7,711	7,728	7,724	7,874	7,846	7,991	8,013	7,903	7,655	7,669	7,644	7,571	
Unpaid family workers .....	305	290	292	277	303	266	248	249	250	273	270	240	253	
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>														
All industries:														
Part time for economic reasons .....	5,890	5,876	5,544	5,596	5,680	5,554	5,475	5,498	5,494	5,543	5,377	5,538	5,923	
Slack work .....	2,587	2,607	2,524	2,414	2,480	2,433	2,251	2,306	2,303	2,364	2,369	2,330	2,603	
Could only find part-time work .....	2,767	2,871	2,751	2,766	2,835	2,815	2,897	2,883	2,864	2,883	2,703	2,953	2,974	
Voluntary part time .....	13,356	13,078	13,439	13,634	13,622	13,496	13,713	13,645	13,556	13,958	13,817	13,754	13,933	
Nonagricultural industries:														
Part time for economic reasons .....	5,402	5,550	5,278	5,328	5,413	5,299	5,241	5,295	5,294	5,275	5,158	5,301	5,621	
Slack work .....	2,380	2,418	2,334	2,251	2,319	2,292	2,115	2,196	2,195	2,208	2,224	2,159	2,430	
Could only find part-time work .....	2,679	2,785	2,875	2,686	2,740	2,730	2,801	2,764	2,760	2,776	2,636	2,861	2,849	
Voluntary part time .....	12,928	12,612	12,995	13,235	13,179	13,053	13,277	13,194	13,122	13,441	13,369	13,285	13,599	

<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	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over .....	106,872	106,939	106,601	106,871	107,210	107,519	107,813	107,969	108,206	108,955	108,561	108,788	108,892
16 to 24 years .....	20,612	20,496	20,145	20,288	20,270	20,351	20,307	20,308	20,303	20,235	20,501	20,512	20,309
16 to 19 years .....	6,557	6,512	6,184	6,398	6,377	8,405	6,355	6,416	6,342	6,269	6,467	6,532	6,492
16 to 17 years .....	2,505	2,501	2,399	2,484	2,489	2,487	2,458	2,487	2,466	2,460	2,557	2,685	2,649
18 to 19 years .....	4,030	4,002	3,819	3,888	3,857	3,930	3,913	3,910	3,887	3,857	3,920	3,889	3,828
20 to 24 years .....	14,055	13,984	13,961	13,890	13,893	13,946	13,952	13,892	13,961	13,966	14,034	13,980	13,817
25 years and over .....	86,287	86,416	86,447	86,650	86,919	87,157	87,477	87,665	87,877	88,684	88,007	88,315	88,639
25 to 54 years .....	71,994	72,082	72,175	72,425	72,623	72,945	73,164	73,384	73,668	74,373	73,922	74,079	74,364
55 years and over .....	14,315	14,279	14,299	14,201	14,305	14,231	14,336	14,297	14,248	14,360	14,085	14,151	14,250
Men, 16 years and over .....	59,820	59,942	59,623	59,719	59,936	60,049	60,105	60,179	60,244	60,919	60,704	60,748	60,713
16 to 24 years .....	10,832	10,753	10,555	10,595	10,604	10,632	10,543	10,590	10,584	10,635	10,766	10,701	10,585
16 to 19 years .....	3,430	3,398	3,239	3,316	3,300	3,298	3,256	3,282	3,262	3,214	3,320	3,288	3,322
16 to 17 years .....	1,349	1,316	1,238	1,296	1,284	1,307	1,280	1,308	1,289	1,249	1,323	1,372	1,368
18 to 19 years .....	2,081	2,078	2,020	2,018	1,988	2,008	1,993	1,957	1,984	1,996	2,018	1,929	1,956
20 to 24 years .....	7,402	7,355	7,316	7,279	7,304	7,334	7,287	7,308	7,322	7,421	7,446	7,413	7,262
25 years and over .....	49,043	49,177	49,030	49,163	49,323	49,398	49,532	49,596	49,636	50,296	49,905	50,058	50,216
25 to 54 years .....	40,571	40,739	40,593	40,758	40,844	40,971	41,081	41,144	41,244	41,786	41,588	41,642	41,751
55 years and over .....	8,465	8,427	8,458	8,366	8,475	8,459	8,483	8,461	8,424	8,522	8,326	8,361	8,436
Women, 16 years and over .....	47,052	46,997	46,978	47,152	47,274	47,470	47,708	47,790	47,962	48,035	47,857	48,041	48,179
16 to 24 years .....	9,780	9,743	9,590	9,693	9,666	9,719	9,764	9,718	9,719	9,599	9,736	9,810	9,724
16 to 19 years .....	3,127	3,114	2,945	3,082	3,077	3,107	3,099	3,134	3,080	3,055	3,147	3,244	3,170
16 to 17 years .....	1,156	1,185	1,161	1,188	1,205	1,180	1,178	1,179	1,177	1,211	1,234	1,313	1,281
18 to 19 years .....	1,949	1,924	1,799	1,870	1,869	1,922	1,920	1,953	1,903	1,861	1,902	1,960	1,872
20 to 24 years .....	6,653	6,629	6,645	6,611	6,589	6,612	6,665	6,584	6,639	6,545	6,589	6,567	6,555
25 years and over .....	37,244	37,239	37,417	37,487	37,596	37,759	37,945	38,069	38,241	38,388	38,102	38,257	38,423
25 to 54 years .....	31,423	31,343	31,582	31,667	31,779	31,974	32,083	32,240	32,424	32,587	32,334	32,437	32,613
55 years and over .....	5,850	5,852	5,841	5,835	5,830	5,772	5,853	5,836	5,824	5,838	5,760	5,789	5,814

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

(In thousands)

Sex and age	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over .....	8,384	8,400	8,423	8,401	8,133	8,271	8,301	8,161	8,023	7,831	8,527	8,419	8,342
16 to 24 years .....	3,182	3,340	3,167	3,270	3,041	3,132	3,274	3,170	3,123	3,030	3,222	3,109	3,266
16 to 19 years .....	1,431	1,505	1,409	1,526	1,357	1,420	1,570	1,448	1,469	1,409	1,517	1,455	1,582
16 to 17 years .....	656	674	661	687	586	632	721	678	660	650	711	645	698
18 to 19 years .....	783	824	750	812	777	786	846	795	822	754	813	801	894
20 to 24 years .....	1,751	1,835	1,758	1,744	1,684	1,712	1,704	1,722	1,654	1,621	1,705	1,654	1,684
25 years and over .....	5,222	5,035	5,280	5,125	5,077	5,176	5,004	4,987	4,890	4,808	5,309	5,300	5,101
25 to 54 years .....	4,638	4,423	4,613	4,513	4,480	4,522	4,402	4,384	4,301	4,248	4,666	4,671	4,557
55 years and over .....	611	634	642	655	615	604	589	570	573	576	650	638	576
Men, 16 years and over .....	4,556	4,514	4,633	4,611	4,435	4,445	4,571	4,445	4,346	4,221	4,595	4,577	4,503
16 to 24 years .....	1,736	1,848	1,745	1,811	1,696	1,696	1,800	1,710	1,649	1,568	1,688	1,683	1,792
16 to 19 years .....	781	818	771	856	802	789	894	789	780	714	796	768	840
16 to 17 years .....	367	376	373	368	360	341	405	345	355	331	399	342	367
18 to 19 years .....	421	443	397	463	440	450	494	449	435	387	403	418	480
20 to 24 years .....	955	1,030	974	955	894	907	906	921	869	854	892	915	952
25 years and over .....	2,838	2,629	2,887	2,786	2,744	2,779	2,761	2,736	2,694	2,660	2,909	2,886	2,733
25 to 54 years .....	2,510	2,286	2,502	2,420	2,405	2,393	2,381	2,359	2,339	2,330	2,533	2,508	2,415
55 years and over .....	356	362	391	399	338	352	361	353	339	345	386	373	344
Women, 16 years and over .....	3,828	3,886	3,790	3,790	3,698	3,826	3,730	3,716	3,677	3,610	3,932	3,842	3,839
16 to 24 years .....	1,446	1,492	1,422	1,459	1,345	1,436	1,474	1,460	1,474	1,462	1,534	1,427	1,473
16 to 19 years .....	650	687	638	670	555	631	676	659	689	695	721	687	742
16 to 17 years .....	289	298	288	319	226	291	316	333	305	319	312	303	331
18 to 19 years .....	362	381	353	349	337	336	352	346	387	367	410	383	414
20 to 24 years .....	796	805	784	789	790	805	798	801	785	767	813	740	731
25 years and over .....	2,384	2,406	2,393	2,339	2,333	2,397	2,243	2,251	2,196	2,148	2,400	2,414	2,368
25 to 54 years .....	2,128	2,137	2,111	2,093	2,075	2,129	2,021	2,025	1,962	1,918	2,133	2,163	2,143
55 years and over .....	255	272	251	256	277	252	228	217	234	231	264	264	232

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Civilian workers)

Sex and age	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over .....	7.3	7.3	7.3	7.3	7.1	7.1	7.1	7.0	6.9	6.7	7.3	7.2	7.1
16 to 24 years .....	13.4	14.0	13.6	13.9	13.0	13.3	13.9	13.5	13.3	13.0	13.6	13.2	13.9
16 to 19 years .....	17.9	18.8	18.6	19.3	17.5	18.1	19.8	18.4	18.8	18.4	19.0	18.2	19.6
16 to 17 years .....	20.8	21.2	21.6	21.7	19.1	20.3	22.7	21.4	21.1	20.9	21.8	19.4	20.9
18 to 19 years .....	16.3	17.1	16.4	17.3	16.8	16.7	17.8	16.9	17.5	16.4	17.2	17.1	18.9
20 to 24 years .....	11.1	11.6	11.2	11.2	10.8	10.9	10.9	11.0	10.6	10.4	10.8	10.6	10.9
25 years and over .....	5.7	5.5	5.8	5.6	5.5	5.6	5.4	5.4	5.3	5.1	5.7	5.7	5.4
25 to 54 years .....	6.1	5.8	6.0	5.9	5.8	5.8	5.7	5.6	5.5	5.4	5.9	5.9	5.8
55 years and over .....	4.1	4.3	4.3	4.4	4.1	4.1	3.9	3.8	3.9	3.9	4.4	4.3	3.9
Men, 16 years and over .....	7.1	7.0	7.2	7.2	6.9	6.9	7.1	6.9	6.7	6.5	7.0	7.0	6.9
16 to 24 years .....	13.8	14.7	14.2	14.6	13.8	13.8	14.6	13.9	13.5	12.8	13.6	13.6	14.5
16 to 19 years .....	18.5	19.4	19.2	20.5	19.6	19.3	21.5	19.4	19.3	18.2	19.3	18.9	20.2
16 to 17 years .....	21.4	22.2	23.2	22.1	21.9	20.7	24.0	20.9	21.6	20.9	23.2	20.0	21.2
18 to 19 years .....	16.8	17.6	16.4	18.7	18.1	18.3	19.9	18.7	18.0	16.2	16.6	17.8	19.7
20 to 24 years .....	11.4	12.3	11.7	11.6	10.9	11.0	11.1	11.2	10.6	10.3	10.7	11.0	11.6
25 years and over .....	5.5	5.1	5.6	5.4	5.3	5.3	5.3	5.2	5.1	5.0	5.5	5.5	5.2
25 to 54 years .....	5.8	5.3	5.8	5.6	5.6	5.5	5.5	5.4	5.4	5.3	5.7	5.7	5.5
55 years and over .....	4.0	4.1	4.4	4.6	3.8	4.0	4.1	4.0	3.9	3.9	4.4	4.3	3.9
Women, 16 years and over .....	7.5	7.6	7.5	7.4	7.3	7.5	7.3	7.2	7.1	7.0	7.6	7.4	7.4
16 to 24 years .....	12.9	13.3	12.9	13.1	12.2	12.9	13.1	13.1	13.2	13.2	13.6	12.7	13.2
16 to 19 years .....	17.2	18.1	17.8	17.9	15.3	16.9	17.9	17.4	18.3	18.5	18.6	17.5	19.0
16 to 17 years .....	20.0	20.1	19.9	21.2	15.8	19.8	21.2	22.0	20.6	20.8	20.2	18.8	20.5
18 to 19 years .....	15.7	16.5	16.4	15.7	15.3	14.9	15.5	15.1	16.9	16.5	17.7	16.3	18.1
20 to 24 years .....	10.7	10.8	10.6	10.7	10.7	10.9	10.7	10.8	10.6	10.5	11.0	10.1	10.0
25 years and over .....	6.0	6.1	6.0	5.9	5.8	6.0	5.6	5.6	5.4	5.3	5.9	5.9	5.8
25 to 54 years .....	6.3	6.4	6.3	6.2	6.1	6.2	5.9	5.9	5.7	5.6	6.2	6.3	6.2
55 years and over .....	4.2	4.4	4.1	4.2	4.5	4.2	3.7	3.6	3.9	3.8	4.4	4.4	3.8

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

(Unemployment rates)

Category	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>CHARACTERISTIC</b>													
Total (all civilian workers) .....	7.3	7.3	7.3	7.3	7.1	7.1	7.1	7.0	6.9	6.7	7.3	7.2	7.1
Men, 20 years and over .....	6.3	6.1	6.4	6.2	6.0	6.1	6.1	6.0	5.9	5.7	6.2	6.2	6.0
Women, 20 years and over .....	6.7	6.8	6.7	6.6	6.6	6.7	6.4	6.4	6.2	6.1	6.7	6.6	6.4
Both sexes, 16 to 19 years .....	17.9	18.8	18.6	19.3	17.5	18.1	19.8	18.4	18.8	18.4	19.0	18.2	19.6
White .....	6.3	6.2	6.4	6.3	6.1	6.1	6.1	5.9	5.9	5.7	6.4	6.2	6.1
Black and other .....	13.8	13.9	13.2	13.5	12.8	13.7	13.5	14.1	13.4	12.8	13.3	13.3	13.6
Black .....	15.2	15.4	14.4	15.0	14.1	15.2	14.9	15.6	14.9	14.4	14.8	14.7	14.8
Hispanic origin .....	10.4	10.6	10.6	10.9	10.4	10.4	11.1	10.7	10.4	10.1	12.3	10.3	10.4
Married men, spouse present .....	4.3	4.0	4.6	4.4	4.1	4.3	4.2	4.3	4.3	4.3	4.5	4.5	4.2
Married women, spouse present .....	5.8	5.7	5.8	5.7	5.4	5.6	5.3	5.5	5.3	5.1	5.5	5.6	5.3
Women who maintain families .....	10.7	10.8	9.9	10.3	10.8	11.3	10.4	10.0	9.4	9.9	9.9	10.1	9.4
Full-time workers .....	6.9	6.9	6.9	7.0	6.8	6.8	6.8	6.7	6.6	6.4	6.9	6.9	6.7
Part-time workers .....	9.7	10.0	9.5	9.4	9.0	9.3	9.6	8.8	9.0	8.4	9.4	9.1	9.6
Unemployed 15 weeks and over <sup>1</sup> .....	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.8	2.0	1.9	1.8
Labor force time lost <sup>2</sup> .....	8.2	8.3	8.2	8.2	8.1	8.1	7.9	7.9	7.8	7.6	8.1	8.1	8.1
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	7.3	7.2	7.3	7.3	7.1	7.2	7.1	7.0	6.9	6.7	7.2	7.2	7.2
Mining .....	10.6	7.5	10.9	9.9	8.6	8.9	7.7	7.3	10.3	10.9	9.2	10.4	12.8
Construction .....	13.3	11.0	13.5	13.4	13.1	13.6	13.5	13.4	12.6	12.9	13.2	13.0	12.0
Manufacturing .....	7.9	7.8	7.7	7.9	7.8	7.7	7.5	7.7	7.3	7.0	7.2	7.2	6.8
Durable goods .....	7.7	7.8	7.9	7.9	7.9	7.7	7.3	7.6	7.3	7.0	7.4	6.8	6.8
Nondurable goods .....	8.2	7.8	7.5	7.9	7.6	7.8	7.8	7.8	7.3	7.1	7.0	7.7	6.8
Transportation and public utilities .....	5.4	5.2	5.3	5.7	4.5	5.3	5.1	5.1	5.0	4.3	5.3	6.1	5.6
Wholesale and retail trade .....	7.4	7.8	7.7	7.6	7.7	7.8	7.7	7.5	7.6	7.2	7.8	7.6	8.1
Finance and service industries .....	5.7	6.1	5.7	5.6	5.5	5.5	5.4	5.4	5.3	5.2	5.9	5.7	5.9
Agricultural wage and salary workers .....	13.2	11.9	12.5	14.0	14.0	13.3	12.9	12.5	10.6	10.9	14.3	11.9	13.4

<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.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Weeks of unemployment	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>DURATION</b>													
Less than 5 weeks .....	3,528	3,607	3,466	3,525	3,422	3,484	3,430	3,465	3,374	3,311	3,582	3,589	3,628
5 to 14 weeks .....	2,516	2,594	2,536	2,514	2,508	2,505	2,536	2,448	2,460	2,441	2,622	2,640	2,685
15 weeks and over .....	2,374	2,274	2,328	2,329	2,274	2,307	2,277	2,205	2,188	2,056	2,340	2,258	2,135
15 to 26 weeks .....	1,031	1,063	1,033	1,078	1,047	1,035	1,057	894	973	969	1,149	1,099	1,001
27 weeks and over .....	1,343	1,211	1,295	1,251	1,227	1,272	1,220	1,311	1,215	1,087	1,191	1,159	1,134
Average (mean) duration, in weeks .....	16.1	15.0	15.5	15.5	15.5	15.5	15.4	15.7	15.4	14.9	15.3	14.4	14.3
Median duration, in weeks .....	6.8	6.7	6.8	7.1	7.2	6.9	7.0	6.9	6.9	6.8	6.9	6.8	6.5
<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 .....	41.9	42.6	41.6	42.1	41.7	42.0	41.6	42.7	42.1	42.4	41.8	42.3	42.9
5 to 14 weeks .....	29.9	30.6	30.4	30.0	30.6	30.2	30.8	30.2	30.7	31.3	30.8	31.1	31.8
15 weeks and over .....	28.2	26.8	27.9	27.8	27.7	27.8	27.6	27.2	27.3	26.3	27.5	26.6	25.3
15 to 26 weeks .....	12.2	12.5	12.4	12.9	12.8	12.5	12.8	11.0	12.1	12.4	13.5	13.0	11.9
27 weeks and over .....	16.0	14.3	15.5	14.9	15.0	15.3	14.8	16.1	15.1	13.9	14.0	13.7	13.4

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

(Numbers in thousands)

Reasons for unemployment	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	4,229	3,994	4,167	4,206	4,144	4,142	4,040	4,081	3,933	3,776	4,162	4,246	4,034
On layoff .....	1,182	1,068	1,135	1,134	1,112	1,167	1,161	1,175	1,132	1,163	1,152	1,164	1,028
Other job losers .....	3,047	2,926	3,032	3,072	3,032	2,975	2,879	2,906	2,801	2,613	3,010	3,082	3,006
Job leavers .....	852	870	983	894	875	852	911	808	876	996	1,001	1,002	1,110
Reentrants .....	2,283	2,378	2,233	2,184	2,191	2,335	2,237	2,226	2,225	2,066	2,292	2,197	2,191
New entrants .....	1,051	1,142	1,018	1,098	941	918	1,045	1,055	1,033	1,025	1,097	1,000	1,059
<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 .....	50.3	47.6	49.6	50.2	50.8	50.2	49.1	50.0	48.8	48.0	48.7	50.3	48.1
On layoff .....	14.0	12.7	13.5	13.5	13.6	14.2	14.1	14.4	14.0	14.8	13.5	13.8	12.2
Other job losers .....	36.2	34.9	36.1	36.6	37.2	36.1	35.0	35.6	34.7	33.2	35.2	36.5	35.8
Job leavers .....	10.1	10.4	11.7	10.7	10.7	10.3	11.1	9.9	10.9	12.7	11.7	11.9	13.2
Reentrants .....	27.1	28.4	26.6	26.1	26.9	28.3	27.2	27.2	27.6	26.3	26.8	26.0	26.1
New entrants .....	12.5	13.6	12.1	13.1	11.5	11.1	12.7	12.9	12.8	13.0	12.8	11.8	12.6
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	3.7	3.5	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.2	3.6	3.6	3.4
Job leavers .....	.7	.8	.9	.8	.8	.7	.8	.7	.8	.9	.9	.9	.9
Reentrants .....	2.0	2.1	1.9	1.9	1.9	2.0	1.9	1.9	1.9	1.8	2.0	1.9	1.9
New entrants .....	.9	1.0	.9	1.0	.8	.8	.9	.9	.9	.9	.9	.9	.9



**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-2. Employees on nonagricultural payrolls by detailed industry**

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Total</b> .....		96,045	96,909	98,260	98,922	99,817	-	-	-	-	-
<b>Total private</b> .....		79,577	80,434	81,444	82,051	82,952	64,268	65,058	65,769	66,309	67,123
<b>Mining</b> .....		962	969	913	888	855	679	687	645	623	598
Metal mining .....	10	50.7	50.1	45.6	45.5	-	37.2	37.0	33.9	33.6	-
Iron ores .....	101	10.1	10.3	8.3	8.1	-	7.6	7.8	6.2	6.0	-
Copper ores .....	102	13.7	13.7	12.9	13.1	-	9.8	9.8	9.9	9.9	-
Coal mining .....	11,12	194.3	196.9	186.7	186.1	-	158.1	161.0	152.3	151.8	-
Bituminous coal and lignite mining .....	12	191.4	194.1	184.3	183.8	-	155.6	158.6	150.4	150.0	-
Oil and gas extraction .....	13	612.3	611.0	579.4	550.9	512.2	405.1	404.5	384.0	359.2	-
Crude petroleum, natural gas, and natural gas liquids ...	131,2	262.0	261.8	256.3	254.6	-	120.8	120.1	122.6	122.0	-
Oil and gas field services .....	138	350.3	349.2	323.1	296.3	-	284.3	284.4	261.4	237.2	-
Nonmetallic minerals, except fuels .....	14	104.6	110.8	101.5	105.4	-	78.9	84.1	74.8	78.5	-
Crushed and broken stone .....	142	33.4	36.5	32.0	33.9	-	26.3	29.3	25.0	26.8	-
Sand and gravel .....	144	32.4	35.1	31.5	33.1	-	-	-	-	-	-
Chemical and fertilizer minerals .....	147	20.4	20.4	20.2	20.1	-	-	-	-	-	-
<b>Construction</b> .....		4,180	4,451	4,346	4,471	4,751	3,202	3,459	3,314	3,435	3,695
General building contractors .....	15	1,127.6	1,177.6	1,186.3	1,204.0	1,248.7	823.8	870.6	857.1	878.3	-
Residential building construction .....	152	552.9	585.1	584.5	593.3	-	391.8	421.5	408.9	421.2	-
Operative builders .....	153	60.2	61.5	60.5	60.3	-	31.8	32.5	31.9	32.6	-
Nonresidential building construction .....	154	514.5	531.0	541.3	550.4	-	400.2	416.6	416.3	424.5	-
Heavy construction contractors .....	16	694.7	762.4	650.2	679.9	-	559.1	623.5	519.0	548.5	-
Highway and street construction .....	161	201.8	247.3	190.6	210.1	-	161.2	204.0	148.4	165.7	-
Heavy construction, except highway .....	162	492.9	515.1	459.6	469.8	-	397.9	419.5	370.6	382.8	-
Special trade contractors .....	17	2,357.6	2,510.5	2,509.6	2,586.7	-	1,819.0	1,964.9	1,937.7	2,007.9	-
Plumbing, heating, and air conditioning .....	171	559.5	571.5	605.7	612.4	-	407.5	417.9	442.0	446.1	-
Painting, paper hanging, and decorating .....	172	141.5	155.9	149.6	155.9	-	114.5	128.4	120.9	126.6	-
Electrical work .....	173	454.3	459.2	489.8	489.3	-	343.8	350.1	375.8	375.3	-
Masonry, stonework, and plastering .....	174	367.4	398.1	399.8	416.5	-	310.6	338.4	335.9	352.1	-
Carpentering and flooring .....	175	143.1	154.5	156.8	159.2	-	105.2	116.4	117.4	119.7	-
Roofing and sheet metal work .....	176	167.8	180.8	165.1	178.6	-	132.0	145.4	127.5	140.9	-
<b>Manufacturing</b> .....		19,399	19,375	19,249	19,262	19,269	13,209	13,182	13,055	13,073	13,100
<b>Durable goods</b> .....		11,606	11,586	11,431	11,435	11,447	7,749	7,723	7,554	7,563	7,589
Lumber and wood products .....	24	679.5	683.3	689.6	693.9	703.1	565.0	568.8	578.4	582.5	590.9
Logging camps and logging contractors .....	241	76.4	75.5	74.9	70.4	-	58.2	56.9	63.0	59.0	-
Sawmills and planing mills .....	242	195.1	194.0	192.0	194.7	-	171.7	171.0	169.2	172.0	-
Sawmills and planing mills, general .....	2421	159.2	157.7	156.9	159.2	-	140.6	139.4	138.6	141.1	-
Hardwood dimension and flooring .....	2426	31.4	31.6	30.4	30.5	-	27.4	27.6	26.6	26.7	-
Millwork, plywood, and structural members .....	243	215.8	217.8	232.1	236.2	-	179.3	181.3	192.1	195.6	-
Millwork .....	2431	80.6	81.8	89.0	90.3	-	65.0	65.9	71.6	72.5	-
Wood kitchen cabinets .....	2434	57.4	57.7	61.5	63.2	-	46.8	47.3	49.6	51.2	-
Hardwood veneer and plywood .....	2435	23.3	23.2	24.5	24.7	-	20.3	20.3	21.5	21.8	-
Softwood veneer and plywood .....	2436	35.9	35.5	37.8	38.6	-	32.9	32.5	34.7	35.4	-
Wood containers .....	244	42.1	42.7	41.6	42.3	-	35.7	36.5	35.1	35.8	-
Wood buildings and mobile homes .....	245	71.1	73.7	70.3	70.6	-	54.0	56.6	53.2	53.7	-
Mobile homes .....	2451	52.4	53.7	51.1	51.2	-	42.0	43.3	40.4	40.7	-
Miscellaneous wood products .....	249	79.0	79.6	78.7	79.7	-	66.1	66.5	65.8	66.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Durable goods—Continued</b>											
Furniture and fixtures .....	25	499.1	497.3	499.0	499.5	500.2	399.2	397.0	398.4	399.3	400.5
Household furniture .....	251	299.3	297.0	295.4	295.3	-	251.2	249.0	247.8	248.2	-
Wood household furniture .....	2511	132.7	131.4	130.4	130.0	-	115.9	114.6	113.3	113.0	-
Upholstered household furniture .....	2512	95.3	95.1	94.7	94.7	-	78.3	78.2	78.0	78.3	-
Metal household furniture .....	2514	29.3	28.9	30.7	30.8	-	24.0	23.6	25.4	25.4	-
Mattresses and bedsprings .....	2515	28.6	28.4	27.3	27.4	-	21.8	21.5	20.7	21.0	-
Office furniture .....	252	68.1	68.1	69.3	69.4	-	52.4	52.2	53.6	53.7	-
Public building and related furniture .....	253	27.5	27.9	27.6	27.9	-	21.0	21.3	21.0	21.2	-
Partitions and fixtures .....	254	67.1	66.6	66.8	66.9	-	49.4	48.8	48.5	48.7	-
Miscellaneous furniture and fixtures .....	259	37.1	37.7	39.9	40.0	-	25.2	25.7	27.5	27.5	-
Stone, clay, and glass products .....	32	583.9	593.7	581.0	589.1	603.9	445.3	454.2	443.5	451.2	466.0
Flat glass .....	321	15.3	15.1	14.9	14.9	-	12.1	12.0	11.7	11.7	-
Glass and glassware, pressed or blown .....	322	94.2	92.4	92.9	92.2	-	79.6	77.8	79.3	78.7	-
Glass containers .....	3221	48.7	47.1	49.4	49.2	-	43.1	41.7	44.3	44.2	-
Pressed and blown glass, nec .....	3229	45.5	45.3	43.5	43.0	-	36.5	36.1	35.0	34.5	-
Products of purchased glass .....	323	50.4	50.5	53.4	53.5	-	35.0	35.0	37.5	37.5	-
Cement, hydraulic .....	324	24.0	23.9	23.2	23.4	-	18.6	18.7	18.1	18.2	-
Structural clay products .....	325	36.8	37.6	37.5	37.6	-	27.9	28.8	28.9	29.0	-
Pottery and related products .....	326	39.1	38.7	36.4	36.8	-	31.0	30.6	28.7	28.9	-
Concrete, gypsum, and plaster products .....	327	195.3	206.7	197.7	205.2	-	150.1	160.6	150.6	157.7	-
Concrete block and brick .....	3271	17.1	18.1	17.9	18.5	-	11.5	12.3	11.7	12.3	-
Concrete products, nec .....	3272	67.4	70.2	69.5	71.4	-	50.9	53.2	52.7	54.5	-
Ready-mixed concrete .....	3273	91.0	98.6	89.7	94.8	-	72.2	79.5	70.1	74.9	-
Misc. nonmetallic mineral products .....	329	117.5	117.3	114.0	114.3	-	82.0	81.5	80.1	80.8	-
Abrasive products .....	3291	22.4	22.4	20.9	20.7	-	14.8	14.5	13.8	13.7	-
Asbestos products .....	3292	12.1	12.0	11.2	11.2	-	9.2	9.1	8.5	8.5	-
Mineral wool .....	3296	26.9	26.9	26.8	27.0	-	-	-	-	-	-
Primary metal industries .....	33	835.4	829.6	797.8	794.8	793.4	633.6	628.2	606.0	603.6	603.4
Blast furnaces and basic steel products .....	331	312.2	310.4	295.8	293.5	291.7	239.1	237.4	228.8	226.6	225.4
Blast furnaces and steel mills .....	3312	246.2	244.4	232.1	229.8	-	190.1	188.3	182.4	180.0	-
Steel pipe and tubes .....	3317	23.6	23.6	22.9	22.7	-	17.4	17.4	16.6	16.4	-
Iron and steel foundries .....	332	147.1	146.3	140.8	140.4	-	116.5	115.6	110.9	110.8	-
Gray iron foundries .....	3321	93.4	92.6	86.4	88.3	-	78.4	75.5	72.3	72.3	-
Malleable iron foundries .....	3322	10.5	10.6	10.2	10.2	-	7.7	7.8	7.2	7.3	-
Steel foundries, nec .....	3325	29.4	29.2	28.0	27.6	-	22.0	21.9	20.6	20.3	-
Primary nonferrous metals .....	333	49.6	47.9	42.6	42.5	-	35.8	34.5	30.1	30.1	-
Primary aluminum .....	3334	25.9	25.0	23.5	23.5	-	19.6	18.8	17.2	17.2	-
Nonferrous rolling and drawing .....	335	193.6	193.6	189.3	189.2	-	137.8	137.7	134.8	134.8	-
Copper rolling and drawing .....	3351	26.2	26.3	24.8	25.0	-	19.9	19.8	19.1	19.2	-
Aluminum sheet, plate, and foil .....	3353	31.6	31.8	30.9	31.0	-	23.0	23.0	22.2	22.4	-
Nonferrous wire drawing and insulating .....	3357	81.8	81.2	79.8	79.6	-	59.4	59.0	56.9	56.7	-
Nonferrous foundries .....	336	87.9	86.9	85.4	85.6	-	70.9	70.0	68.7	68.9	-
Aluminum foundries .....	3361	54.0	53.4	51.8	52.1	-	44.2	43.7	42.3	42.6	-
Fabricated metal products .....	34	1,473.9	1,473.0	1,448.0	1,449.7	1,449.1	1,089.0	1,088.2	1,066.5	1,068.9	1,071.9
Metal cans and shipping containers .....	341	55.9	55.5	54.7	55.1	-	47.4	47.2	46.9	47.2	-
Metal cans .....	3411	44.8	44.5	43.9	44.2	-	38.8	38.6	38.5	38.7	-
Cutlery, hand tools, and hardware .....	342	147.7	146.8	144.3	144.5	-	110.1	108.9	106.3	106.4	-
Hand and edge tools, and hand saws and blades .....	3423,5	48.2	47.7	47.6	47.4	-	35.6	35.0	34.8	34.6	-
Hardware, nec .....	3429	86.8	86.6	83.5	83.7	-	66.0	65.5	62.6	62.8	-
Plumbing and heating, except electric .....	343	61.3	61.4	65.4	64.7	-	43.3	43.4	46.3	45.8	-
Plumbing fittings and brass goods .....	3432	24.5	24.2	25.1	25.0	-	18.1	17.9	18.3	18.3	-
Heating equipment, except electric .....	3433	27.5	27.8	30.1	29.5	-	18.1	18.4	20.2	19.7	-
Fabricated structural metal products .....	344	439.2	443.5	433.8	434.6	-	303.0	307.1	302.3	303.2	-
Fabricated structural metal .....	3441	81.1	81.2	77.1	76.8	-	57.6	57.4	54.7	54.5	-
Metal doors, sash, and trim .....	3442	83.3	85.3	86.7	87.1	-	60.4	62.1	63.6	63.7	-
Fabricated plate work (boiler shops) .....	3443	100.8	101.3	96.4	95.7	-	61.8	62.4	60.6	60.1	-
Sheet metal work .....	3444	111.9	112.7	110.2	111.1	-	81.8	82.8	80.5	81.5	-
Architectural metal work .....	3446	28.9	29.1	28.4	28.4	-	20.4	20.7	20.6	20.5	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Durable goods—Continued</b>											
Fabricated metal products—Continued											
Screw machine products, bolts, etc .....	345	99.7	99.1	97.6	98.6	-	76.6	76.0	74.4	75.2	-
Screw machine products .....	3451	47.9	47.5	46.0	46.6	-	38.9	38.6	37.2	37.6	-
Bolts, nuts, rivets, and washers .....	3452	51.8	51.6	51.6	52.0	-	37.7	37.4	37.2	37.6	-
Metal forgings and stampings .....	346	253.0	250.9	242.8	243.6	-	203.5	201.7	194.4	195.4	-
Iron and steel forgings .....	3462	34.0	33.5	30.5	30.5	-	26.2	25.9	23.4	23.5	-
Automotive stampings .....	3465	102.7	102.0	101.2	101.3	-	88.3	87.6	86.7	86.7	-
Metal stampings, nec .....	3469	105.6	104.8	100.4	101.1	-	81.1	80.4	76.4	77.3	-
Metal services, nec .....	347	109.2	109.3	109.5	109.5	-	87.6	87.5	87.7	87.8	-
Plating and polishing .....	3471	75.0	75.1	74.5	74.3	-	61.2	61.2	60.4	60.1	-
Metal coating and allied services .....	3479	34.2	34.2	35.0	35.2	-	26.4	26.3	27.3	27.7	-
Ordnance and accessories, nec .....	348	78.6	78.7	79.2	79.0	-	50.8	51.3	49.3	49.6	-
Ammunition, except for small arms, nec .....	3483	43.5	43.4	46.9	46.9	-	28.0	28.4	28.6	29.0	-
Misc. fabricated metal products .....	349	229.3	227.8	220.7	220.1	-	166.7	165.1	158.9	158.3	-
Valves and pipe fittings .....	3494	87.7	87.3	84.8	84.6	-	59.3	59.1	56.4	56.3	-
Misc. fabricated wire products .....	3496	51.6	51.2	51.2	51.2	-	39.1	38.8	38.7	38.8	-
Machinery, except electrical .....	35	2,224.3	2,211.0	2,126.2	2,122.3	2,112.2	1,343.9	1,332.7	1,275.4	1,274.4	1,268.3
Engines and turbines .....	351	112.0	110.7	105.1	104.7	-	70.0	68.9	66.3	65.8	-
Turbines and turbine generator sets .....	3511	35.8	35.5	35.0	34.5	-	18.8	18.6	18.6	18.3	-
Internal combustion engines, nec .....	3519	76.2	75.2	70.1	70.2	-	51.2	50.3	47.7	47.5	-
Farm and garden machinery .....	352	112.8	113.0	107.2	107.9	-	76.0	76.7	73.5	74.6	-
Farm machinery and equipment .....	3523	85.0	85.3	76.4	77.1	-	54.7	55.3	49.4	50.2	-
Construction and related machinery .....	353	257.4	255.1	242.9	240.2	-	160.3	158.3	149.3	147.3	-
Construction machinery .....	3531	89.1	87.2	83.7	84.1	-	55.5	53.7	51.1	51.4	-
Mining machinery .....	3532	21.9	21.9	20.7	20.5	-	13.6	13.6	13.0	12.8	-
Oil field machinery .....	3533	65.4	65.6	58.1	55.2	-	41.9	42.2	35.9	33.6	-
Conveyors and conveying equipment .....	3535	29.7	29.3	30.2	30.3	-	16.1	15.7	16.2	16.5	-
Industrial trucks and tractors .....	3537	25.9	25.7	24.8	24.7	-	17.3	17.1	17.3	17.2	-
Metalworking machinery .....	354	316.2	314.2	310.6	311.5	-	226.1	224.0	221.4	222.1	-
Machine tools, metal cutting types .....	3541	57.2	56.8	56.0	56.0	-	36.0	35.3	35.2	35.2	-
Machine tools, metal forming types .....	3542	19.9	19.8	19.3	19.3	-	12.3	12.1	11.7	11.7	-
Special dies, tools, jigs, and fixtures .....	3544	139.1	138.4	139.7	140.7	-	108.4	107.8	108.4	109.4	-
Machine tool accessories .....	3545	57.3	57.0	56.1	56.2	-	40.4	40.2	39.1	39.1	-
Power driven hand tools .....	3546	24.6	24.0	22.4	22.5	-	17.6	17.1	16.3	16.3	-
Special industry machinery .....	355	170.7	169.5	162.8	163.3	-	102.1	101.3	96.8	96.7	-
Food products machinery .....	3551	38.9	38.5	38.2	38.7	-	23.8	23.7	23.3	23.4	-
Textile machinery .....	3552	19.0	18.5	17.6	17.8	-	12.7	12.3	11.8	12.0	-
Printing trades machinery .....	3555	31.3	31.2	30.3	30.3	-	18.2	18.1	17.6	17.6	-
General industrial machinery .....	356	277.6	277.1	268.6	268.4	-	178.5	178.0	170.2	170.2	-
Pumps and pumping equipment .....	3561	52.5	52.3	50.4	50.2	-	30.8	30.7	29.9	29.7	-
Ball and roller bearings .....	3562	48.7	48.3	47.1	47.0	-	36.6	36.4	34.4	34.5	-
Air and gas compressors .....	3563	26.4	26.4	25.5	25.2	-	15.0	15.1	14.6	14.3	-
Blowers and fans .....	3564	32.1	32.4	31.5	31.5	-	20.3	20.2	19.6	19.9	-
Speed changers, drives, and gears .....	3566	21.4	21.4	20.4	20.6	-	15.0	15.0	14.1	14.3	-
Power transmission equipment, nec .....	3568	18.2	18.2	17.1	17.1	-	12.7	12.7	11.6	11.5	-
Office and computing machines .....	357	521.4	515.0	479.9	476.6	-	193.9	189.0	167.0	165.9	-
Electronic computing equipment .....	3573	459.9	454.5	419.6	416.5	-	162.7	158.7	137.5	136.4	-
Refrigeration and service machinery .....	358	177.6	177.5	171.3	171.5	-	124.2	123.8	120.0	120.2	-
Refrigeration and heating equipment .....	3585	124.2	123.9	118.8	119.2	-	88.7	88.2	85.3	85.8	-
Misc. machinery, except electrical .....	359	278.6	278.9	277.8	278.2	-	212.8	212.7	210.9	211.6	-
Carburetors, pistons, rings, and valves .....	3592	34.9	34.7	33.1	33.9	-	28.5	28.3	26.9	27.8	-
Machinery, except electrical, nec .....	3599	243.7	244.2	244.7	244.3	-	184.3	184.4	184.0	183.8	-
Electrical and electronic equipment .....	36	2,233.7	2,216.3	2,177.8	2,178.1	2,174.5	1,343.9	1,322.0	1,259.3	1,260.4	1,259.3
Electric distributing equipment .....	361	115.4	114.8	115.5	116.0	-	83.0	82.0	83.3	83.7	-
Transformers .....	3612	54.3	54.2	53.8	54.2	-	39.0	38.8	39.6	40.0	-
Switchgear and switchboard apparatus .....	3613	61.1	60.6	61.7	61.8	-	44.0	43.2	43.7	43.7	-
Electrical industrial apparatus .....	362	201.7	200.5	195.3	195.9	-	142.3	141.6	137.2	137.9	-
Motors and generators .....	3621	100.1	100.0	97.8	98.0	-	77.4	77.4	75.8	75.9	-
Industrial controls .....	3622	63.8	63.0	61.8	62.1	-	38.6	38.2	37.0	37.5	-
Household appliances .....	363	144.1	143.0	141.6	143.5	-	113.3	112.1	110.9	113.0	-
Household refrigerators and freezers .....	3632	28.2	28.0	28.9	29.9	-	22.0	21.7	22.6	23.7	-
Household laundry equipment .....	3633	21.6	21.1	22.2	22.4	-	17.0	16.4	17.9	18.0	-
Electric housewares and fans .....	3634	37.6	37.1	34.5	34.9	-	28.8	28.5	25.6	26.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Durable goods—Continued</b>											
<b>Electrical and electronic equipment—Continued</b>											
Electric lighting and wiring equipment .....	364	201.7	199.8	197.4	196.2	-	147.4	145.0	143.1	142.3	-
Electric lamps .....	3641	29.1	28.7	27.6	27.6	-	25.1	24.8	23.8	23.7	-
Current-carrying wiring devices .....	3643	83.8	83.0	79.7	79.6	-	55.9	55.1	52.4	52.6	-
Noncurrent-carrying wiring devices .....	3644	17.8	17.7	17.9	17.7	-	12.8	12.6	12.7	12.5	-
Residential lighting fixtures .....	3645	27.3	26.4	27.7	26.8	-	20.8	19.9	21.2	20.4	-
Radio and TV receiving equipment .....	365	86.1	82.5	81.7	80.6	-	58.3	55.1	56.6	55.5	-
Radio and TV receiving sets .....	3651	68.9	65.6	65.1	64.8	-	45.9	42.9	45.0	44.7	-
Communication equipment .....	366	651.5	652.5	668.3	668.4	-	297.0	295.7	279.4	278.7	-
Telephone and telegraph apparatus .....	3661	146.5	144.9	124.9	123.8	-	95.4	94.1	72.6	72.1	-
Radio and TV communication equipment .....	3662	505.0	507.6	543.4	544.6	-	201.6	201.6	206.8	206.6	-
Electronic components and accessories .....	367	678.9	672.0	629.0	629.6	-	392.9	383.8	345.3	347.6	-
Electronic tubes .....	3671-3	42.5	42.6	41.5	41.8	-	26.5	26.4	24.4	24.9	-
Semiconductors and related devices .....	3674	284.0	281.8	264.8	264.2	-	115.9	111.7	98.6	98.9	-
Electronic components, nec .....	3679	275.0	271.5	255.2	255.9	-	192.6	189.5	172.2	173.2	-
Misc. electrical equipment and supplies .....	369	154.3	151.2	149.0	147.9	-	109.7	106.7	103.5	101.7	-
Storage batteries .....	3691	27.9	26.6	28.7	27.8	-	21.9	20.7	22.7	21.6	-
Engine electrical equipment .....	3694	65.6	64.9	63.4	63.3	-	50.7	50.0	47.4	46.8	-
Transportation equipment .....	37	1,977.0	1,982.1	2,017.5	2,008.1	2,009.5	1,261.3	1,265.2	1,270.3	1,260.7	1,264.2
Motor vehicles and equipment .....	371	872.6	873.8	857.6	850.9	847.9	678.3	680.6	661.8	654.9	652.0
Motor vehicles and car bodies .....	3711	401.2	404.4	393.3	387.8	-	301.6	306.5	293.3	287.3	-
Truck and bus bodies .....	3713	37.1	37.1	37.6	37.6	-	29.4	29.1	29.3	29.3	-
Motor vehicle parts and accessories .....	3714	389.1	386.2	384.3	381.5	-	312.0	308.9	307.0	304.4	-
Truck trailers .....	3715	28.8	29.4	25.6	26.5	-	22.2	22.7	19.3	20.3	-
Aircraft and parts .....	372	630.7	633.4	677.0	673.7	-	300.4	300.9	329.4	326.5	-
Aircraft .....	3721	327.0	328.9	354.0	355.3	-	136.3	136.5	149.7	151.0	-
Aircraft engines and engine parts .....	3724	146.8	147.0	154.4	149.1	-	74.3	74.1	81.2	76.1	-
Aircraft equipment, nec .....	3728	156.9	157.5	168.6	169.3	-	89.8	90.3	98.5	99.4	-
Ship and boat building and repairing .....	373	199.7	199.0	192.7	192.3	-	151.0	150.7	144.6	143.4	-
Ship building and repairing .....	3731	150.4	149.2	144.6	142.9	-	110.7	110.1	105.8	103.5	-
Boat building and repairing .....	3732	49.3	49.8	48.1	49.4	-	40.3	40.6	38.8	39.9	-
Railroad equipment .....	374	34.4	34.0	32.3	32.5	-	23.7	23.9	22.6	22.8	-
Guided missiles, space vehicles, and parts .....	376	170.9	172.6	188.3	189.0	-	60.1	60.7	64.0	65.2	-
Guided missiles and space vehicles .....	3761	132.0	133.4	144.2	144.5	-	44.9	45.6	47.4	48.7	-
Miscellaneous transportation equipment .....	379	54.0	54.5	55.5	55.6	-	37.3	37.8	37.9	37.9	-
Travel trailers and campers .....	3792	22.5	22.7	22.4	22.9	-	18.3	18.5	17.6	18.0	-
Instruments and related products .....	38	723.6	723.7	723.2	724.8	724.9	397.7	395.5	390.5	392.4	393.5
Engineering and scientific instruments .....	381	82.1	82.4	82.9	83.0	-	36.9	36.9	35.4	35.6	-
Measuring and controlling devices .....	382	259.1	258.9	254.5	254.8	-	145.1	144.2	139.8	140.2	-
Environmental controls .....	3822	45.5	45.4	44.2	44.5	-	28.7	28.2	28.1	28.5	-
Process control instruments .....	3823	57.3	57.0	54.4	54.3	-	28.9	28.8	27.8	27.6	-
Instruments to measure electricity .....	3825	113.8	113.7	112.5	112.6	-	60.5	60.1	56.8	56.6	-
Optical instruments and lenses .....	383	35.1	35.3	34.0	33.9	-	18.4	18.4	16.8	16.8	-
Medical instruments and supplies .....	384	170.5	171.0	177.1	178.5	-	103.2	102.5	106.7	108.2	-
Surgical and medical instruments .....	3841	82.8	83.2	85.1	86.0	-	46.5	46.3	48.4	49.4	-
Surgical appliances and supplies .....	3842	72.9	73.0	76.3	76.7	-	48.1	47.6	49.6	50.0	-
Ophthalmic goods .....	385	40.2	40.0	39.6	39.3	-	26.7	26.7	26.3	26.0	-
Photographic equipment and supplies .....	386	122.5	122.4	122.4	122.8	-	57.2	57.0	56.7	56.9	-
Watches, clocks, and watchcases .....	387	14.1	13.7	12.7	12.5	-	10.2	9.8	8.8	8.7	-
Miscellaneous manufacturing .....	39	375.7	376.2	370.8	374.6	376.0	270.2	271.1	265.8	269.1	271.1
Jewelry, silverware, and plated ware .....	391	55.5	55.6	54.9	55.1	-	38.1	38.1	37.0	37.4	-
Jewelry, precious metal .....	3911	36.9	37.1	36.2	36.3	-	25.3	25.6	24.3	24.4	-
Musical instruments .....	393	16.0	15.8	15.6	16.1	-	12.5	12.3	12.4	12.9	-
Toys and sporting goods .....	394	108.4	109.2	105.7	108.3	-	79.5	80.6	76.7	78.8	-
Dolls, games, toys, and children's vehicles .....	3942,4	52.1	52.9	49.8	51.3	-	36.5	37.7	33.3	35.0	-
Sporting and athletic goods, nec .....	3949	56.3	56.3	55.9	57.0	-	43.0	42.9	43.4	43.8	-
Pens, pencils, office, and art supplies .....	395	32.0	31.9	31.5	31.5	-	21.6	21.6	21.1	21.1	-
Costume jewelry and notions .....	396	37.9	38.2	36.2	36.6	-	28.6	28.6	27.3	27.6	-
Costume jewelry .....	3961	20.6	20.5	19.9	20.1	-	15.5	15.1	15.0	15.1	-
Miscellaneous manufactures .....	399	125.9	125.5	126.9	127.0	-	89.9	89.9	91.3	91.3	-
Signs and advertising displays .....	3993	52.2	51.7	53.1	53.8	-	36.5	35.9	37.3	38.0	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Nondurable goods</b> .....		7,793	7,789	7,818	7,827	7,822	5,460	5,459	5,501	5,510	5,511
Food and kindred products .....	20	1,573.9	1,569.4	1,602.3	1,599.6	1,594.0	1,084.9	1,082.0	1,113.5	1,110.6	1,105.1
Meat products .....	201	360.3	358.8	375.6	377.0	-	302.1	300.3	319.0	319.8	-
Meat packing plants .....	2011	147.2	145.5	148.3	148.2	-	121.7	119.8	124.2	124.2	-
Sausages and other prepared meats .....	2013	72.1	70.8	72.8	72.8	-	52.4	51.2	53.2	52.9	-
Poultry dressing plants .....	2016	122.2	123.6	131.8	133.1	-	111.3	112.6	120.9	121.8	-
Dairy products .....	202	159.8	160.7	160.9	161.9	-	93.3	94.5	94.7	95.6	-
Cheese, natural and processed .....	2022	37.7	37.7	38.0	38.4	-	29.0	29.3	29.1	29.6	-
Fluid milk .....	2026	86.7	87.1	87.8	88.2	-	41.3	41.6	42.9	42.9	-
Preserved fruits and vegetables .....	203	209.8	208.8	212.7	213.5	-	168.9	168.0	170.4	171.1	-
Canned specialties .....	2032	25.0	24.6	26.5	25.5	-	17.4	16.9	18.6	18.1	-
Canned fruits and vegetables .....	2033	66.4	65.9	65.9	66.9	-	52.0	51.9	51.7	52.0	-
Frozen fruits and vegetables .....	2037	44.7	45.7	46.3	46.6	-	38.8	39.6	40.0	40.3	-
Grain mill products .....	204	126.6	126.4	125.1	124.8	-	85.0	85.4	84.9	84.4	-
Flour and other grain mill products .....	2041	24.0	23.7	23.9	23.8	-	14.3	14.6	16.1	16.0	-
Prepared feeds, nec .....	2048	46.0	45.7	44.5	44.3	-	29.1	28.8	27.8	27.5	-
Bakery products .....	205	206.5	207.2	207.4	207.5	-	124.1	124.8	123.3	124.2	-
Bread, cake, and related products .....	2051	161.7	161.9	163.5	162.9	-	88.1	88.1	88.2	88.3	-
Cookies and crackers .....	2052	44.8	45.3	43.9	44.6	-	36.0	36.7	35.1	35.9	-
Sugar and confectionery products .....	206	96.6	91.7	102.8	96.0	-	73.3	69.4	80.1	73.6	-
Cane and beet sugar .....	2061-3	22.7	21.6	25.3	21.5	-	17.0	16.6	19.9	16.4	-
Confectionery products .....	2065	54.0	50.3	56.2	54.5	-	43.1	39.8	45.7	44.1	-
Fats and oils .....	207	37.8	36.8	37.6	37.5	-	28.0	27.0	27.4	27.6	-
Beverages .....	208	210.5	211.9	210.4	211.8	-	88.1	89.3	87.6	88.9	-
Malt beverages .....	2082	39.4	39.8	39.9	39.9	-	24.5	25.4	25.2	25.5	-
Bottled and canned soft drinks .....	2086	127.6	128.7	127.6	128.5	-	41.1	41.6	40.8	41.4	-
Misc. food and kindred products .....	209	166.0	167.1	169.8	169.6	-	122.1	123.3	126.1	125.4	-
Tobacco manufactures .....	21	63.0	61.7	63.7	61.9	60.5	46.9	45.5	47.7	46.0	44.4
Cigarettes .....	211	45.3	45.4	44.9	44.5	-	33.5	33.4	33.0	32.7	-
Textile mill products .....	22	703.5	707.6	699.2	702.3	702.4	606.2	610.6	604.4	606.9	606.9
Weaving mills, cotton .....	221	109.6	110.9	103.6	103.6	-	98.0	99.4	93.5	93.4	-
Weaving mills, synthetics .....	222	92.6	91.6	88.0	87.5	-	82.1	81.2	78.2	78.0	-
Weaving and finishing mills, wool .....	223	17.2	17.0	16.4	16.4	-	14.4	14.3	13.8	13.8	-
Narrow fabric mills .....	224	22.7	22.9	21.5	21.7	-	19.4	19.6	18.4	18.7	-
Knitting mills .....	225	192.1	194.4	197.7	199.1	-	166.7	169.1	171.5	172.6	-
Women's hosiery, except socks .....	2251	32.0	32.7	33.2	33.4	-	28.6	29.2	29.5	29.6	-
Hosiery, nec .....	2252	33.3	33.3	33.0	33.4	-	29.9	30.0	29.5	29.8	-
Knit outerwear mills .....	2253	59.8	60.9	63.8	64.7	-	51.5	52.9	55.7	56.5	-
Knit underwear mills .....	2254	25.9	25.8	25.4	24.9	-	21.9	21.8	20.9	20.5	-
Circular knit fabric mills .....	2257	23.9	24.3	25.0	25.4	-	20.3	20.7	21.6	21.9	-
Textile finishing, except wool .....	226	63.8	64.4	63.8	64.1	-	53.5	53.9	53.8	54.0	-
Finishing plants, cotton .....	2261	24.0	24.2	24.3	24.3	-	20.1	20.2	20.7	20.7	-
Finishing plants, synthetics .....	2262	22.6	23.0	22.2	22.3	-	18.7	19.0	18.2	18.2	-
Floor covering mills .....	227	53.7	53.3	56.9	57.2	-	43.3	42.9	47.0	47.3	-
Yarn and thread mills .....	228	98.8	100.5	99.9	100.8	-	87.3	88.9	88.4	89.0	-
Yarn mills, except wool .....	2281	67.3	68.9	69.3	69.8	-	60.5	62.1	62.5	62.9	-
Throwing and winding mills .....	2282	15.8	15.9	15.5	15.7	-	13.9	14.1	13.6	13.4	-
Miscellaneous textile goods .....	229	53.0	52.6	51.4	51.9	-	41.5	41.3	39.8	40.1	-
Apparel and other textile products .....	23	1,169.8	1,164.3	1,159.9	1,156.3	1,154.8	988.0	983.0	979.4	976.1	974.9
Men's and boys' suits and coats .....	231	68.5	69.0	67.2	65.9	-	60.0	60.5	57.9	56.8	-
Men's and boys' furnishings .....	232	329.3	331.2	335.5	332.6	-	284.0	286.1	290.6	288.1	-
Men's and boys' shirts and nightwear .....	2321	91.8	92.8	92.8	93.2	-	79.2	80.2	80.2	80.5	-
Men's and boys' separate trousers .....	2327	64.5	63.7	64.7	64.3	-	56.0	55.4	56.6	56.3	-
Men's and boys' work clothing .....	2328	100.3	101.3	104.6	101.3	-	86.9	87.9	91.8	88.9	-
Women's and misses' outerwear .....	233	385.9	378.2	373.3	375.4	-	323.6	316.1	313.2	315.4	-
Women's and misses' blouses and waists .....	2331	58.9	58.3	58.1	58.0	-	49.6	48.7	48.7	48.4	-
Women's and misses' dresses .....	2335	116.7	113.3	110.3	113.3	-	98.5	95.6	93.5	96.5	-
Women's and misses' suits and coats .....	2337	49.8	49.6	48.1	46.5	-	40.7	40.4	39.3	37.6	-
Women's and misses' outerwear, nec .....	2339	160.5	157.0	156.8	157.6	-	134.8	131.4	131.7	132.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
<b>Apparel and other textile products—Continued</b>											
Women's and children's undergarments .....	234	82.1	81.8	82.7	81.8	-	68.9	68.6	69.2	68.5	-
Women's and children's underwear .....	2341	66.8	66.5	67.0	66.0	-	57.3	57.0	57.6	56.8	-
Brassieres and allied garments .....	2342	15.3	15.3	15.7	15.8	-	11.6	11.6	11.6	11.7	-
Children's outerwear .....	236	59.8	60.1	64.5	62.4	-	50.3	50.5	54.6	52.2	-
Children's dresses and blouses .....	2361	24.9	25.5	27.3	26.0	-	21.7	22.3	24.2	22.8	-
Misc. apparel and accessories .....	238	43.5	43.8	40.9	41.1	-	35.9	36.4	33.7	33.9	-
Misc. fabricated textile products .....	239	180.9	180.6	177.1	178.7	-	149.1	148.8	145.2	146.5	-
Curtains and draperies .....	2391	26.2	25.8	25.6	26.2	-	21.5	21.2	20.5	21.0	-
House furnishings, nec .....	2392	50.3	50.5	49.7	49.8	-	42.9	43.2	42.0	42.1	-
Automotive and apparel trimmings .....	2396	36.4	36.4	35.0	35.8	-	30.2	30.1	29.2	29.9	-
Paper and allied products .....	26	678.9	678.3	682.4	684.9	686.5	512.1	511.3	517.1	519.2	521.7
Paper and pulp mills .....	261,2,6	200.4	201.0	198.4	198.6	-	151.0	151.6	151.9	152.1	-
Paper mills, except building paper .....	262	175.5	175.9	172.8	172.8	-	130.9	131.3	131.2	131.3	-
Paperboard mills .....	263	57.2	56.5	55.8	55.6	-	43.8	43.3	42.7	42.5	-
Misc. converted paper products .....	264	227.3	227.4	234.8	236.7	-	167.7	167.3	172.2	174.2	-
Paper coating and glazing .....	2641	58.8	58.6	59.3	59.2	-	37.5	37.3	37.0	36.8	-
Envelopes .....	2642	26.5	26.3	27.7	27.8	-	20.7	20.4	21.2	21.5	-
Bags, except textile bags .....	2643	49.7	50.1	52.2	52.5	-	39.0	39.1	41.0	41.3	-
Paperboard containers and boxes .....	265	194.0	193.4	193.4	194.0	-	149.6	149.1	150.3	150.4	-
Folding paperboard boxes .....	2651	40.9	40.9	40.5	40.8	-	32.3	32.2	32.1	32.3	-
Corrugated and solid fiber boxes .....	2653	100.9	100.4	101.4	101.6	-	76.0	75.6	77.0	76.9	-
Sanitary food containers .....	2654	24.0	24.2	24.1	24.4	-	19.8	19.9	20.2	20.4	-
Printing and publishing .....	27	1,408.9	1,412.3	1,451.0	1,458.1	1,461.4	778.3	781.0	805.2	811.3	815.2
Newspapers .....	271	449.7	449.6	460.4	460.4	-	170.4	170.6	172.0	171.6	-
Periodicals .....	272	108.0	107.8	109.2	108.4	-	26.4	26.4	31.2	31.3	-
Books .....	273	107.0	107.3	109.6	110.8	-	53.3	53.2	57.5	58.5	-
Book publishing .....	2731	81.1	81.3	83.2	84.3	-	32.4	32.2	36.3	37.3	-
Book printing .....	2732	25.9	26.0	26.4	26.5	-	20.9	21.0	21.2	21.2	-
Miscellaneous publishing .....	274	69.1	70.3	75.3	76.6	-	38.0	38.8	41.0	41.5	-
Commercial printing .....	275	482.4	485.5	500.4	504.9	-	350.3	353.1	364.0	367.8	-
Commercial printing, letterpress .....	2751	160.0	161.5	166.4	167.0	-	117.8	118.8	121.4	122.2	-
Commercial printing, lithographic .....	2752	295.6	296.9	306.0	309.4	-	211.2	212.8	220.7	223.2	-
Manifold business forms .....	276	48.2	48.0	47.8	47.9	-	33.4	33.2	33.5	33.8	-
Blankbooks and bookbinding .....	278	69.9	68.9	72.2	73.0	-	56.7	55.5	58.1	59.0	-
Printing trade services .....	279	49.9	50.3	52.4	52.5	-	36.9	37.4	39.2	39.3	-
Chemicals and allied products .....	28	1,048.5	1,046.7	1,024.8	1,026.3	1,024.3	578.1	577.7	568.8	570.6	571.2
Industrial inorganic chemicals .....	281	144.2	143.5	138.9	138.9	-	72.3	72.0	70.6	70.1	-
Industrial inorganic chemicals, nec .....	2819	94.5	93.9	90.1	90.2	-	49.4	49.1	48.0	47.9	-
Plastics materials and synthetics .....	282	171.7	170.6	164.5	164.2	-	113.8	113.7	110.3	110.4	-
Plastics materials and resins .....	2821	74.2	73.7	73.0	72.7	-	44.1	44.0	43.8	43.8	-
Organic fibers, noncellulosic .....	2824	66.3	65.7	61.3	61.2	-	46.7	46.6	43.7	43.6	-
Drugs .....	283	204.4	204.5	203.2	203.8	-	93.4	93.8	94.6	95.0	-
Pharmaceutical preparations .....	2834	165.7	165.7	165.0	165.7	-	75.7	75.9	76.0	76.7	-
Soap, cleaners, and toilet goods .....	284	146.5	146.1	144.5	146.0	-	92.1	91.6	91.1	92.6	-
Soap and other detergents .....	2841	41.6	41.5	41.0	40.9	-	25.8	25.7	26.2	26.0	-
Toilet preparations .....	2844	66.7	66.5	64.5	65.7	-	45.1	44.9	43.6	45.0	-
Polishing, sanitation, and finishing preparations .....	2842,3	38.2	38.1	39.0	39.4	-	21.2	21.0	21.3	21.6	-
Paints and allied products .....	285	61.9	62.5	62.1	62.2	-	29.8	30.2	29.8	30.0	-
Industrial organic chemicals .....	286	165.8	165.1	161.2	160.2	-	84.5	83.6	83.5	83.0	-
Cyclic crudes and intermediates .....	2865	31.5	31.3	30.6	30.5	-	19.8	19.5	20.4	20.3	-
Gum, wood, and industrial organic chemicals, nec .....	2861,9	134.3	133.8	130.6	129.7	-	64.7	64.1	63.1	62.7	-
Agricultural chemicals .....	287	62.0	62.5	58.8	59.6	-	39.7	39.9	36.6	37.2	-
Miscellaneous chemical products .....	289	92.0	91.9	91.6	91.4	-	52.5	52.9	52.3	52.3	-
Petroleum and coal products .....	29	180.0	180.7	163.1	163.9	164.8	107.8	108.4	100.2	101.7	103.3
Petroleum refining .....	291	144.1	143.2	129.2	129.1	-	82.6	81.7	77.0	77.8	-
Paving and roofing materials .....	295	25.0	26.7	23.4	24.4	-	18.7	20.2	17.1	18.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Rubber and misc. plastics products .....	30	793.2	794.0	803.5	806.4	807.7	614.6	615.6	625.8	629.4	631.0
Tires and inner tubes .....	301	95.2	94.7	88.4	88.2	-	67.6	67.0	62.2	63.1	-
Rubber and plastics footwear .....	302	14.3	14.3	12.9	12.8	-	12.1	12.0	11.0	10.9	-
Reclaimed rubber, and rubber and plastics hose and belting .....	303,4	20.7	20.6	19.8	19.8	-	13.5	13.6	13.4	13.6	-
Fabricated rubber products, nec .....	306	108.9	109.0	109.5	110.0	-	83.6	83.5	84.0	84.5	-
Miscellaneous plastics products .....	307	554.1	555.4	572.9	575.6	-	437.8	439.5	455.2	457.3	-
Leather and leather products .....	31	173.7	174.3	167.6	166.8	165.9	143.0	143.5	138.7	138.0	137.1
Leather tanning and finishing .....	311	15.7	15.8	14.6	14.5	-	12.8	12.9	12.2	12.1	-
Footwear, except rubber .....	314	103.0	103.6	100.4	99.4	-	86.5	87.1	85.0	84.0	-
Men's footwear, except athletic .....	3143	43.3	43.2	40.8	40.7	-	34.6	34.7	32.8	32.6	-
Women's footwear, except athletic .....	3144	37.9	38.3	38.3	37.5	-	33.0	33.3	33.7	32.8	-
Luggage .....	316	12.9	12.9	12.5	13.0	-	9.5	9.6	9.1	9.7	-
Handbags and personal leather goods .....	317	23.0	22.8	22.4	21.9	-	18.6	18.4	18.1	17.6	-
<b>Transportation and public utilities .....</b>		<b>5,205</b>	<b>5,243</b>	<b>5,272</b>	<b>5,282</b>	<b>5,309</b>	<b>4,297</b>	<b>4,334</b>	<b>4,363</b>	<b>4,370</b>	<b>4,393</b>
Transportation .....		2,977	3,013	3,050	3,063	3,085	-	-	-	-	-
Railroad transportation .....	40	349.3	353.8	315.4	316.0	-	-	-	-	-	-
Class I railroads <sup>2</sup> .....	4011	324.2	328.8	294.0	294.9	-	-	-	-	-	-
Local and interurban passenger transit .....	41	283.3	278.7	286.2	289.2	-	261.9	257.7	265.3	268.5	-
Local and suburban transportation .....	411	87.7	88.9	92.8	93.2	-	80.4	81.8	85.5	86.0	-
Taxicabs .....	412	39.0	38.8	38.2	38.1	-	-	-	-	-	-
Intercity highway transportation .....	413	34.8	35.0	35.9	36.0	-	31.9	32.1	32.5	32.7	-
School buses .....	415	100.3	94.0	97.5	98.4	-	-	-	-	-	-
Trucking and warehousing .....	42	1,341.1	1,350.0	1,375.7	1,381.1	-	1,166.4	1,174.6	1,193.0	1,197.9	-
Trucking and trucking terminals .....	421,3	1,244.6	1,255.2	1,276.9	1,284.1	-	1,085.7	1,095.4	1,110.2	1,116.8	-
Public warehousing .....	422	96.5	94.8	98.8	97.0	-	80.7	79.2	82.8	81.1	-
Water transportation .....	44	204.4	204.2	198.6	204.0	-	-	-	-	-	-
Local water transportation .....	445	27.2	28.6	27.3	27.8	-	-	-	-	-	-
Water transportation services .....	446	111.4	108.5	105.4	109.9	-	-	-	-	-	-
Transportation by air .....	45	501.5	524.8	561.4	559.1	-	-	-	-	-	-
Air transportation .....	451,2	441.0	464.1	497.1	493.8	-	-	-	-	-	-
Air transportation services .....	458	60.5	60.7	64.3	65.3	-	-	-	-	-	-
Pipe lines, except natural gas .....	46	18.6	18.5	18.6	18.4	-	13.1	13.2	13.5	13.5	-
Transportation services .....	47	279.0	283.1	294.0	294.9	-	-	-	-	-	-
Freight forwarding .....	471	66.5	66.8	72.1	73.4	-	-	-	-	-	-
Communication and public utilities .....		2,228	2,230	2,222	2,219	2,224	-	-	-	-	-
Communication .....	48	1,326.3	1,326.3	1,304.4	1,303.5	-	1,009.0	1,009.7	997.0	997.3	-
Telephone communication .....	481	926.7	924.1	887.3	884.2	-	691.5	689.5	661.5	659.5	-
Radio and television broadcasting .....	483	233.4	233.9	237.9	239.2	-	189.3	189.4	194.9	196.1	-
Radio broadcasting .....	4832	110.8	111.0	113.4	113.8	-	-	-	-	-	-
Television broadcasting .....	4833	122.6	122.9	124.5	125.4	-	-	-	-	-	-
Electric, gas, and sanitary services .....	49	901.2	904.0	917.3	915.6	-	717.0	720.1	728.9	726.3	-
Electric services .....	491	448.7	449.5	455.0	454.9	-	350.0	350.5	351.9	351.8	-
Gas production and distribution .....	492	168.7	168.9	165.2	163.5	-	132.2	132.4	129.7	128.3	-
Combination utility services .....	493	197.8	198.2	203.3	203.2	-	161.3	162.1	167.7	166.5	-
Sanitary services .....	495	60.7	61.8	67.5	67.5	-	53.0	54.2	58.2	58.2	-
<b>Wholesale trade .....</b>		<b>5,681</b>	<b>5,707</b>	<b>5,839</b>	<b>5,864</b>	<b>5,894</b>	<b>4,578</b>	<b>4,603</b>	<b>4,704</b>	<b>4,721</b>	<b>4,738</b>
Durable goods .....	50	3,363	3,381	3,477	3,492	3,514	2,690	2,708	2,781	2,789	-
Motor vehicles and automotive equipment .....	501	428.2	431.0	429.2	429.1	-	345.2	348.1	346.0	346.0	-
Automobiles and other motor vehicles .....	5012	109.3	110.1	110.1	110.2	-	-	-	-	-	-
Automotive parts and supplies .....	5013	286.8	286.7	287.6	287.4	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Wholesale trade—Continued</b>											
Durable goods—Continued											
Furniture and home furnishings .....	502	128.7	129.0	133.7	133.7		108.1	108.3	110.2	110.2	
Furniture .....	5021	55.4	55.4	58.2	58.4		-	-	-	-	
Home furnishings .....	5023	73.3	73.6	75.5	75.3		-	-	-	-	
Lumber and construction materials .....	503	204.8	207.2	218.4	221.7		168.7	171.4	182.0	184.8	
Lumber, plywood, and millwork .....	5031	92.4	93.9	100.7	102.4		-	-	-	-	
Construction materials, nec .....	5039	112.4	113.3	117.7	119.3		-	-	-	-	
Sporting goods, toys, and hobby goods .....	504	73.1	73.6	78.5	79.6		60.9	61.8	66.2	67.0	
Metals and minerals, except petroleum .....	505	138.9	139.8	142.0	142.4		112.2	112.8	114.3	114.6	
Electrical goods .....	506	495.0	496.0	498.0	498.8		389.9	390.5	385.2	384.7	
Electrical apparatus and equipment .....	5063	274.5	275.6	278.4	278.5		-	-	-	-	
Electrical appliances, TV and radios .....	5064	67.6	67.5	68.0	68.5		-	-	-	-	
Electronic parts and equipment .....	5065	152.9	152.9	151.6	151.8		-	-	-	-	
Hardware, plumbing, and heating equipment .....	507	255.8	256.1	268.7	270.0		206.4	206.9	218.7	218.2	
Hardware .....	5072	86.6	86.4	90.3	91.0		-	-	-	-	
Plumbing and hydronic heating supplies .....	5074	104.7	105.0	110.9	111.3		-	-	-	-	
Machinery, equipment, and supplies .....	508	1,445.7	1,456.5	1,512.6	1,519.5		1,140.9	1,151.6	1,199.2	1,203.4	
Commercial machines and equipment .....	5081	511.8	515.4	542.9	546.2		-	-	-	-	
Construction and mining machinery .....	5082	80.5	81.2	84.6	84.6		-	-	-	-	
Farm machinery and equipment .....	5083	131.4	134.5	130.2	131.7		-	-	-	-	
Industrial machinery and equipment .....	5084	323.2	324.0	335.1	334.4		-	-	-	-	
Industrial supplies .....	5085	135.2	135.8	138.9	139.3		-	-	-	-	
Professional equipment and supplies .....	5086	161.8	162.6	170.8	171.7		-	-	-	-	
Miscellaneous durable goods .....	509	192.4	191.4	196.2	197.6		158.0	156.7	159.3	160.0	
Scrap and waste materials .....	5093	94.3	94.7	93.2	93.6		-	-	-	-	
Nondurable goods .....	51	2,318	2,326	2,362	2,372	2,380	1,888	1,895	1,923	1,932	
Paper and paper products .....	511	181.4	181.7	188.4	189.2		147.2	147.7	153.5	154.3	
Drugs, proprietaries, and sundries .....	512	159.0	159.1	163.7	162.7		132.6	132.2	136.5	136.0	
Apparel, piece goods, and notions .....	513	184.1	184.0	194.3	195.9		137.6	138.2	145.2	146.2	
Groceries and related products .....	514	730.6	731.1	751.5	752.8		628.0	627.7	643.2	644.3	
Groceries, general line .....	5141	233.7	233.8	246.5	246.8		-	-	-	-	
Meats and meat products .....	5147	65.8	65.0	68.4	68.2		-	-	-	-	
Fresh fruits and vegetables .....	5148	87.4	88.3	80.9	80.9		-	-	-	-	
Chemicals and allied products .....	516	132.7	132.0	129.8	130.7		95.1	94.3	94.5	95.2	
Petroleum and petroleum products .....	517	207.9	207.3	207.2	208.1		156.1	155.6	157.7	158.0	
Petroleum bulk stations and terminals .....	5171	86.6	86.6	87.7	88.3		-	-	-	-	
Petroleum products, nec .....	5172	121.3	120.7	119.5	119.8		-	-	-	-	
Beer, wine, and distilled beverages .....	518	153.8	154.5	156.2	156.6		127.6	128.1	128.8	129.3	
Beer and ale .....	5181	94.9	95.6	97.6	98.1		-	-	-	-	
Wines and distilled beverages .....	5182	58.9	58.9	58.6	58.5		-	-	-	-	
Miscellaneous nondurable goods .....	519	421.5	429.0	428.6	433.7		341.5	348.5	346.6	351.5	
Farm supplies .....	5191	154.1	159.2	153.2	157.3		-	-	-	-	
<b>Retail trade .....</b>		<b>16,818</b>	<b>17,090</b>	<b>17,385</b>	<b>17,536</b>	<b>17,821</b>	<b>14,975</b>	<b>15,229</b>	<b>15,508</b>	<b>15,638</b>	<b>15,898</b>
Building materials and garden supplies .....	52	648.5	670.7	638.4	653.1		545.9	566.3	536.4	550.2	
Lumber and other building materials .....	521	335.9	343.6	342.3	346.7		284.8	292.0	290.4	294.5	
Hardware stores .....	525	156.5	158.1	153.2	154.7		132.5	133.6	127.9	129.3	
General merchandise stores .....	53	2,257.0	2,261.5	2,295.9	2,298.3	2,298.3	2,112.0	2,117.0	2,167.6	2,171.4	
Department stores .....	531	1,908.5	1,909.2	1,942.1	1,942.2		1,800.5	1,802.2	1,852.4	1,853.4	
Variety stores .....	533	212.5	215.0	222.4	224.9		194.1	196.5	201.3	204.1	
Misc. general merchandise stores .....	539	136.0	137.3	131.4	131.2		117.4	118.3	113.9	113.9	
Food stores .....	54	2,758.9	2,766.5	2,903.7	2,914.2	2,928.1	2,548.5	2,555.9	2,688.0	2,698.6	
Grocery stores .....	541	2,422.5	2,426.5	2,551.1	2,554.4		2,247.6	2,251.8	2,373.1	2,377.0	
Meat markets and freezer provisioners .....	542	62.0	62.3	63.7	64.6		-	-	-	-	
Dairy products stores .....	545	34.6	35.3	36.7	38.3		-	-	-	-	
Retail bakeries .....	546	158.9	161.7	166.9	170.3		143.1	145.8	150.3	153.6	
Automotive dealers and service stations .....	55	1,852.4	1,872.4	1,908.8	1,918.8	1,941.1	1,547.4	1,566.7	1,599.1	1,606.9	
New and used car dealers .....	551.2	881.6	887.9	919.9	921.7		728.3	733.9	761.4	763.1	
Auto and home supply stores .....	553	290.4	295.0	294.6	296.9		233.6	238.3	237.3	239.0	
Gasoline service stations .....	554	600.6	603.7	614.7	616.8		521.3	525.4	536.7	537.7	

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Retail trade—Continued</b>											
Apparel and accessory stores .....	56	994.5	1,003.0	1,035.8	1,041.5	-	838.4	845.6	878.2	880.6	-
Men's and boys' clothing and furnishings .....	561	108.6	109.2	108.2	107.4	-	91.0	91.2	90.1	89.9	-
Women's ready-to-wear stores .....	562	364.5	368.7	389.7	389.1	-	309.2	313.6	334.4	333.1	-
Family clothing stores .....	565	197.5	196.6	203.8	206.1	-	170.9	169.9	177.9	178.3	-
Shoe stores .....	566	202.8	206.7	203.9	209.7	-	164.9	167.9	163.8	168.8	-
Furniture and home furnishings stores .....	57	710.4	712.6	772.9	772.9	-	594.9	596.8	648.0	647.1	-
Furniture and home furnishings stores .....	571	400.9	402.5	427.2	428.6	-	333.4	334.9	358.3	359.7	-
Furniture stores .....	5712	257.1	258.2	271.3	272.9	-	-	-	-	-	-
Household appliance stores .....	572	85.9	85.8	88.0	86.8	-	73.3	73.5	75.0	73.8	-
Radio, television, and music stores .....	573	223.6	224.3	257.7	257.5	-	188.2	188.4	214.7	213.6	-
Radio and television stores .....	5732	156.0	156.5	184.8	185.5	-	-	-	-	-	-
Music stores .....	5733	67.6	67.8	72.9	72.0	-	-	-	-	-	-
Eating and drinking places .....	58	5,424.4	5,636.7	5,562.6	5,682.1	5,893.5	4,920.0	5,121.6	5,053.5	5,162.7	-
Miscellaneous retail .....	59	2,171.8	2,166.7	2,266.7	2,255.4	-	1,867.7	1,859.4	1,936.7	1,920.8	-
Drug stores and proprietary stores .....	591	560.1	558.4	581.6	583.6	-	492.9	490.0	504.2	504.6	-
Liquor stores .....	592	124.0	124.6	123.8	124.1	-	-	-	-	-	-
Miscellaneous shopping goods stores .....	594	699.2	695.0	750.1	747.7	-	595.1	590.6	633.7	630.3	-
Sporting goods and bicycle shops .....	5941	120.5	116.3	131.6	130.7	-	-	-	-	-	-
Book stores .....	5942	70.5	68.8	80.6	79.2	-	-	-	-	-	-
Stationery stores .....	5943	75.0	75.1	80.7	80.9	-	-	-	-	-	-
Jewelry stores .....	5944	144.2	142.9	149.3	147.8	-	-	-	-	-	-
Gift, novelty, and souvenir shops .....	5947	117.8	119.8	122.5	125.9	-	-	-	-	-	-
Sewing, needlework, and piece goods .....	5949	72.5	74.3	79.3	77.1	-	-	-	-	-	-
Nonstore retailers .....	596	262.7	255.4	262.9	260.3	-	236.8	229.9	235.9	233.7	-
Mail order houses .....	5961	124.9	123.2	123.3	123.1	-	-	-	-	-	-
Merchandising machine operators .....	5962	82.9	82.5	80.9	81.0	-	-	-	-	-	-
Fuel and ice dealers .....	598	110.6	108.8	117.2	116.6	-	92.4	90.5	98.4	97.7	-
Retail stores, nec .....	599	340.9	349.1	353.9	345.6	-	283.6	290.7	295.0	285.2	-
<b>Finance, insurance, and real estate<sup>3</sup></b> .....		<b>5,796</b>	<b>5,833</b>	<b>6,074</b>	<b>6,118</b>	<b>6,180</b>	<b>4,289</b>	<b>4,321</b>	<b>4,477</b>	<b>4,504</b>	<b>4,560</b>
Finance .....		2,927	2,932	3,074	3,089	3,114	-	-	-	-	-
Banking .....	60	1,692.7	1,696.3	1,740.6	1,745.0	-	1,242.2	1,244.4	1,267.9	1,272.0	-
Commercial and stock savings banks .....	602	1,538.0	1,541.1	1,575.4	1,578.4	-	1,121.7	1,123.9	1,142.3	1,144.9	-
State banks, Federal Reserve .....	6022	334.7	335.1	344.7	345.1	-	-	-	-	-	-
State banks, not Federal Reserve .....	6023,4	382.2	383.4	391.3	392.6	-	-	-	-	-	-
Mutual savings banks .....	603	77.2	77.2	81.0	81.4	-	-	-	-	-	-
Credit agencies other than banks .....	61	739.3	739.7	807.3	814.7	-	562.1	561.2	613.6	619.2	-
Savings and loan associations .....	612	341.4	341.9	359.6	361.7	-	262.1	261.7	275.2	276.9	-
Federal savings and loan associations .....	6122	194.4	194.6	205.4	206.7	-	-	-	-	-	-
State associations, insured .....	6123	138.0	138.3	144.5	145.2	-	-	-	-	-	-
Personal credit institutions .....	614	213.4	212.9	230.7	233.0	-	165.6	165.1	180.7	183.0	-
Business credit institutions .....	615	46.7	47.5	54.7	55.3	-	-	-	-	-	-
Mortgage bankers and brokers .....	616	113.2	113.1	138.3	140.9	-	-	-	-	-	-
Security, commodity brokers, and services .....	62	348.2	348.2	369.8	372.8	-	-	-	-	-	-
Security brokers and dealers .....	621	280.1	279.5	297.7	299.5	-	-	-	-	-	-
Holding and other investment offices .....	67	146.7	148.1	155.9	156.7	-	-	-	-	-	-
Insurance .....		1,790	1,795	1,872	1,883	1,892	-	-	-	-	-
Insurance carriers .....	63	1,247.2	1,249.9	1,284.1	1,290.9	-	854.4	857.1	872.0	875.6	-
Life insurance .....	631	532.8	532.8	539.2	540.3	-	329.0	330.3	328.2	328.2	-
Medical service and health insurance .....	632	163.1	164.4	174.1	175.7	-	132.7	133.2	141.3	142.7	-
Fire, marine, and casualty insurance .....	633	470.3	471.5	484.0	487.1	-	329.8	330.5	335.7	336.6	-
Title insurance .....	636	45.9	46.1	50.5	51.1	-	-	-	-	-	-
Insurance agents, brokers, and service .....	64	542.5	544.9	588.3	592.1	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Finance, insurance, and real estate—Continued</b>											
Real estate, and combined real estate, insurance, etc .....		1,079	1,106	1,128	1,146	1,174	-	-	-	-	-
Real estate .....	65	1,063.6	1,091.1	1,113.0	1,130.4	-	-	-	-	-	
Real estate operators and lessors .....	651	485.2	498.8	491.2	497.4	-	-	-	-	-	
Real estate agents and managers .....	653	429.0	432.8	467.8	477.6	-	-	-	-	-	
Subdividers and developers .....	655	124.8	134.7	127.6	128.4	-	-	-	-	-	
Combined real estate, insurance, etc .....	66	15.1	15.3	15.4	15.4	-	-	-	-	-	
<b>Services .....</b>		<b>21,536</b>	<b>21,766</b>	<b>22,366</b>	<b>22,630</b>	<b>22,873</b>	<b>19,039</b>	<b>19,243</b>	<b>19,703</b>	<b>19,945</b>	<b>20,141</b>
Hotels and other lodging places .....	70	1,301.0	1,341.3	1,322.5	1,356.5	-	-	-	-	-	
Hotels, motels, and tourist courts .....	701	1,269.8	1,306.3	1,289.4	1,322.3	-	1,144.3	1,177.5	1,157.3	1,188.6	
Personal services .....	72	1,137.7	1,148.3	1,192.7	1,204.4	-	-	-	-	-	
Laundry, cleaning, and garment services .....	721	375.9	378.1	392.9	394.7	-	335.3	337.3	351.1	352.5	
Photographic studios, portrait .....	722	52.7	52.3	54.7	53.7	-	-	-	-	-	
Beauty shops .....	723	343.3	348.8	360.7	365.0	-	311.0	314.8	325.7	330.2	
Funeral service and crematories .....	726	75.2	75.4	76.1	76.3	-	-	-	-	-	
Business services .....	73	4,324.8	4,362.7	4,573.1	4,633.4	4,673.1	3,772.9	3,806.6	3,968.4	4,029.5	
Advertising .....	731	190.9	191.4	190.8	190.7	-	144.9	145.2	142.3	142.3	
Advertising agencies .....	7311	143.2	143.3	143.7	143.8	-	-	-	-	-	
Credit reporting and collection .....	732	85.4	86.5	95.8	97.4	-	-	-	-	-	
Mailing, reproduction, and stenographic .....	733	176.6	176.9	185.8	188.4	-	-	-	-	-	
Services to buildings .....	734	643.2	657.3	682.1	688.5	-	585.6	599.3	624.0	630.9	
Personnel supply services .....	736	887.1	895.3	906.0	948.5	-	-	-	-	-	
Employment agencies .....	7361	180.5	180.1	191.4	197.0	-	-	-	-	-	
Temporary help supply services .....	7362	668.5	676.7	676.3	712.5	-	-	-	-	-	
Computer and data processing services .....	737	522.9	528.8	589.8	592.3	-	438.1	443.5	486.1	486.7	
Computer programming and software .....	7372	181.8	183.6	207.0	209.5	-	-	-	-	-	
Data processing services .....	7374	258.2	261.6	288.8	286.3	-	-	-	-	-	
Miscellaneous business services .....	739	1,810.8	1,818.6	1,914.3	1,919.2	-	-	-	-	-	
Research development laboratories, nec .....	7391	203.1	202.8	213.9	214.8	-	-	-	-	-	
Management and public relations .....	7392	493.4	494.8	530.5	537.4	-	-	-	-	-	
Detective and protective services .....	7393	410.5	412.4	446.3	447.4	-	-	-	-	-	
Equipment rental and leasing .....	7394	160.1	162.6	167.7	168.2	-	-	-	-	-	
Photofinishing laboratories .....	7395	77.8	79.4	75.7	76.4	-	-	-	-	-	
Auto repair, services, and garages .....	75	715.7	722.2	746.8	756.1	-	604.6	609.1	626.5	634.1	
Automotive rentals, without drivers .....	751	136.5	138.8	146.8	148.4	-	-	-	-	-	
Automotive repair shops .....	753	445.0	450.2	461.4	466.8	-	369.5	373.8	382.6	387.1	
Miscellaneous repair services .....	76	329.0	331.7	344.6	345.9	-	275.9	278.7	288.9	289.7	
Electrical repair shops .....	762	97.1	98.3	102.5	103.4	-	-	-	-	-	
Motion pictures .....	78	218.6	219.8	204.2	214.7	-	186.1	187.8	172.3	182.6	
Motion picture production and services .....	781	104.3	102.5	94.3	103.0	-	85.7	84.6	77.0	85.8	
Motion picture theaters .....	783	102.3	105.5	97.8	99.8	-	-	-	-	-	
Amusement and recreation services .....	79	761.5	820.4	750.1	782.7	-	671.0	726.0	656.2	688.4	
Health services .....	80	6,191.5	6,205.8	6,415.6	6,460.3	6,490.3	5,523.6	5,536.0	5,710.2	5,736.0	
Offices of physicians .....	801	945.5	954.6	1,006.9	1,018.4	-	783.0	793.0	832.1	829.4	
Offices of dentists .....	802	438.4	438.5	453.4	458.1	-	388.5	387.8	401.7	406.4	
Nursing and personal care facilities .....	805	1,174.6	1,180.2	1,239.1	1,249.1	-	1,061.4	1,065.7	1,118.2	1,127.8	
Skilled nursing care facilities .....	8051	756.6	760.1	800.0	805.9	-	-	-	-	-	
Nursing and personal care, nec .....	8059	418.0	420.1	439.1	443.2	-	-	-	-	-	
Hospitals .....	806	2,962.5	2,959.6	2,976.3	2,983.6	-	2,704.8	2,701.6	2,714.7	2,720.5	
General medical and surgical hospitals .....	8062	2,782.3	2,778.7	2,792.4	2,799.8	-	-	-	-	-	
Psychiatric hospitals .....	8063	54.1	54.4	55.6	55.5	-	-	-	-	-	
Specialty hospitals, excluding psychiatric .....	8069	126.1	126.5	128.3	128.3	-	-	-	-	-	
Medical and dental laboratories .....	807	112.5	111.8	118.6	120.1	-	-	-	-	-	
Outpatient care facilities .....	808	204.6	206.0	233.9	237.1	-	-	-	-	-	

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1972 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Services—Continued</b>											
Legal services .....	81	683.5	685.2	726.9	727.7	-	581.0	582.3	618.1	619.2	-
Educational services .....	82	1,363.4	1,351.3	1,385.8	1,394.9	-	-	-	-	-	-
Elementary and secondary schools .....	821	369.5	367.3	383.7	386.3	-	-	-	-	-	-
Colleges and universities .....	822	858.4	848.9	863.0	867.9	-	-	-	-	-	-
Correspondence and vocational schools .....	824	63.1	62.7	65.4	66.2	-	-	-	-	-	-
Social services .....	83	1,314.5	1,324.3	1,400.0	1,412.7	-	-	-	-	-	-
Individual and family services .....	832	269.9	271.5	286.5	288.5	-	-	-	-	-	-
Job training and related services .....	833	202.0	203.5	211.2	212.8	-	-	-	-	-	-
Residential care .....	836	278.1	280.0	295.1	297.1	-	-	-	-	-	-
Museums, botanical and zoological gardens .....	84	43.7	44.7	43.9	44.5	-	-	-	-	-	-
Membership organizations .....	86	1,505.8	1,505.1	1,508.3	1,510.9	-	-	-	-	-	-
Business associations .....	861	88.9	87.6	91.5	91.6	-	-	-	-	-	-
Labor organizations .....	863	138.5	138.1	145.0	145.8	-	-	-	-	-	-
Civic and social associations .....	864	331.3	330.5	335.0	336.4	-	-	-	-	-	-
Miscellaneous services .....	89	1,232.2	1,238.6	1,327.9	1,340.0	-	1,017.8	1,022.9	1,094.0	1,104.9	-
Engineering and architectural services .....	891	672.7	679.8	729.0	734.7	-	567.0	573.7	617.3	622.3	-
Noncommercial research organizations .....	892	113.4	113.6	117.0	119.0	-	-	-	-	-	-
Accounting, auditing, and bookkeeping .....	893	422.3	421.4	456.5	460.8	-	337.4	335.7	360.5	364.1	-
<b>Government</b> .....		16,468	16,475	16,816	16,871	16,865	-	-	-	-	-
<b>Federal Government<sup>4</sup></b> .....		2,839	2,853	2,898	2,905	2,915	-	-	-	-	-
Executive, by agency <sup>4</sup> .....		2,783.0	2,755.0	2,841.6			-	-	-	-	-
Department of Defense .....		972.1	966.4	989.6			-	-	-	-	-
Postal Service <sup>5</sup> .....		725.9	713.5	775.1			-	-	-	-	-
Other executive agencies .....		1,085.0	1,075.1	1,076.9			-	-	-	-	-
Legislative .....		38.7	39.4	38.0			-	-	-	-	-
Judicial .....		17.3	17.1	18.2			-	-	-	-	-
<b>Federal government, by industry:</b>											
Manufacturing activities .....		137.0	136.4	132.9	132.3	-	-	-	-	-	-
Shipbuilding and repairing .....	3731	83.0	82.5	78.9	78.6	-	-	-	-	-	-
Transportation and public utilities, except Postal Service .....		39.6	39.7	37.5	37.9	-	-	-	-	-	-
Services .....		401.5	402.7	406.0	405.8	-	-	-	-	-	-
Hospitals .....	806	242.5	243.2	247.6	247.2	-	-	-	-	-	-
<b>State government</b> .....		3,841	3,843	3,938	3,953	3,956	-	-	-	-	-
Hospitals .....	806	463.0	462.5	467.0	466.9	-	-	-	-	-	-
Education .....	82	1,581.1	1,578.7	1,614.5	1,626.7	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions .....		1,195.0	1,199.9	1,241.2	1,244.6	-	-	-	-	-	-
<b>Local government</b> .....		9,788	9,779	9,980	10,013	9,994	-	-	-	-	-
Transportation and public utilities .....		498.5	499.7	513.3	512.5	-	-	-	-	-	-
Hospitals .....	806	611.5	611.2	615.8	615.7	-	-	-	-	-	-
Education .....	82	5,571.7	5,549.4	5,695.1	5,717.9	-	-	-	-	-	-
General administration, including executive, legislative, and judicial functions .....		2,834.0	2,846.6	2,881.2	2,891.9	-	-	-	-	-	-

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

<sup>2</sup> Beginning in 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 are excluded from the 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 the Central Intelligence Agency and the National Security Agency.

<sup>5</sup> Includes rural mail carriers.

- Data not available.

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 forward are subject to revision.

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES  
NOT SEASONALLY ADJUSTED**

**B-3. Women employees on nonagricultural payrolls by major industry and manufacturing group**

(In thousands)

Industry	Jan. 1985	Feb. 1985	Dec. 1985	Jan. 1986	Feb. 1986
<b>Total</b> .....	42,813	43,000	45,356	44,606	44,855
<b>Total private</b> .....	34,760	34,794	36,933	36,289	36,338
<b>Goods-producing</b> .....	6,848	6,842	6,919	6,873	6,884
<b>Mining</b> .....	124	124	125	125	125
<b>Construction</b> .....	432	433	484	484	482
<b>Manufacturing</b> .....	6,292	6,285	6,310	6,264	6,277
<b>Durable goods</b> .....	3,075	3,063	3,025	3,015	3,015
Lumber and wood products .....	103	103	109	108	108
Furniture and fixtures .....	152	153	156	154	156
Stone, clay, and glass products .....	114	114	115	114	114
Primary metal industries .....	105	105	103	103	102
Fabricated metal products .....	328	327	326	324	324
Machinery, except electrical .....	493	492	460	461	459
Electrical and electronic equipment .....	955	944	904	903	900
Transportation equipment .....	348	349	370	371	372
Instruments and related products .....	309	309	311	310	310
Miscellaneous manufacturing .....	167	168	172	167	170
<b>Nondurable goods</b> .....	3,217	3,222	3,285	3,249	3,262
Food and kindred products .....	483	478	513	491	493
Tobacco manufactures .....	24	23	24	23	22
Textile mill products .....	341	337	337	336	338
Apparel and other textile products .....	933	944	935	933	937
Paper and allied products .....	161	160	166	165	165
Printing and publishing .....	585	587	615	612	616
Chemicals and allied products .....	284	285	285	283	285
Petroleum and coal products .....	29	29	26	26	26
Rubber and misc. plastics products .....	274	275	281	282	282
Leather and leather products .....	104	104	104	100	99
<b>Service-producing</b> .....	35,965	36,158	38,437	37,733	37,971
<b>Transportation and public utilities</b> .....	1,426	1,433	1,503	1,492	1,491
<b>Wholesale trade</b> .....	1,605	1,607	1,698	1,690	1,696
<b>Retail trade</b> .....	8,737	8,598	9,643	9,128	8,996
<b>Finance, insurance, and real estate</b> .....	3,509	3,522	3,732	3,741	3,765
<b>Services</b> .....	12,635	12,792	13,438	13,365	13,506
<b>Government</b> .....	8,053	8,206	8,423	8,317	8,517
Federal .....	981	981	1,023	1,021	1,026
State .....	1,701	1,761	1,829	1,794	1,860
Local .....	5,371	5,464	5,571	5,502	5,631

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1984 forward are subject to revision.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1985										1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	Apr. <sup>P</sup>	
<b>Total</b> .....	97,120	97,421	97,473	97,707	97,977	98,217	98,559	98,801	99,086	99,496	99,656	99,834	100,040	
<b>Total private</b> .....	80,962	81,208	81,260	81,366	81,634	81,765	82,073	82,317	82,573	82,992	83,108	83,295	83,499	
<b>Goods-producing</b> .....	25,090	25,066	25,010	24,980	25,015	24,962	25,051	25,089	25,155	25,300	25,251	25,161	25,182	
<b>Mining</b> .....	982	982	974	969	965	962	960	954	952	947	929	902	866	
Oil and gas extraction .....	623	624	619	619	615	615	610	605	603	598	580	556	522	
<b>Construction</b> .....	4,641	4,658	4,638	4,660	4,688	4,721	4,753	4,754	4,770	4,906	4,883	4,870	4,954	
General building contractors .....	1,233	1,234	1,223	1,228	1,242	1,252	1,262	1,269	1,274	1,329	1,327	1,304	1,308	
<b>Manufacturing</b> .....	19,467	19,426	19,398	19,351	19,362	19,279	19,338	19,381	19,433	19,447	19,439	19,389	19,362	
<b>Durable goods</b> .....	11,608	11,586	11,560	11,509	11,519	11,449	11,493	11,512	11,534	11,541	11,527	11,480	11,470	
Lumber and wood products .....	694	697	694	697	700	701	708	712	715	720	719	716	715	
Furniture and fixtures .....	497	493	494	494	499	494	496	497	499	499	499	500	500	
Stone, clay, and glass products .....	600	599	598	599	601	598	601	604	604	607	610	607	610	
Primary metal industries .....	823	819	815	806	798	795	799	804	810	804	802	792	787	
Blast furnaces and basic steel products .....	306	305	304	302	289	291	292	299	303	300	299	292	288	
Fabricated metal products .....	1,479	1,477	1,472	1,467	1,467	1,462	1,465	1,466	1,463	1,462	1,457	1,456	1,455	
Machinery, except electrical .....	2,207	2,203	2,191	2,175	2,167	2,143	2,143	2,137	2,133	2,137	2,128	2,118	2,108	
Electrical and electronic equipment .....	2,223	2,216	2,205	2,190	2,194	2,175	2,179	2,180	2,186	2,188	2,187	2,185	2,181	
Transportation equipment .....	1,982	1,981	1,990	1,985	1,995	1,986	2,008	2,017	2,025	2,023	2,020	2,000	2,010	
Motor vehicles and equipment .....	876	873	875	868	868	861	872	868	875	868	860	846	850	
Instruments and related products .....	726	723	725	724	725	722	722	723	725	725	726	728	727	
Miscellaneous manufacturing .....	377	378	376	372	373	373	373	375	374	376	379	378	377	
<b>Nondurable goods</b> .....	7,859	7,840	7,838	7,842	7,843	7,830	7,845	7,869	7,899	7,906	7,912	7,909	7,892	
Food and kindred products .....	1,630	1,634	1,644	1,630	1,638	1,633	1,636	1,638	1,655	1,652	1,664	1,665	1,655	
Tobacco manufactures .....	66	66	66	65	64	65	64	65	64	64	64	64	64	
Textile mill products .....	707	701	699	696	697	695	698	700	700	701	703	705	702	
Apparel and other textile products .....	1,164	1,153	1,142	1,160	1,152	1,155	1,158	1,160	1,171	1,173	1,161	1,154	1,155	
Paper and allied products .....	681	682	684	684	683	681	682	688	686	687	688	688	689	
Printing and publishing .....	1,411	1,414	1,419	1,426	1,429	1,427	1,431	1,442	1,442	1,447	1,454	1,457	1,460	
Chemicals and allied products .....	1,049	1,044	1,042	1,040	1,038	1,040	1,036	1,033	1,033	1,032	1,031	1,029	1,026	
Petroleum and coal products .....	182	181	180	178	176	170	170	169	169	168	167	167	166	
Rubber and misc. plastics products .....	795	791	789	787	792	790	795	800	804	810	810	811	809	
Leather and leather products .....	174	174	173	176	174	174	175	174	175	172	170	169	166	
<b>Service-producing</b> .....	72,030	72,355	72,463	72,727	72,962	73,255	73,508	73,712	73,931	74,196	74,405	74,673	74,858	
<b>Transportation and public utilities</b> .....	5,278	5,301	5,295	5,302	5,282	5,317	5,327	5,342	5,350	5,357	5,344	5,348	5,345	
Transportation .....	3,037	3,057	3,052	3,060	3,038	3,078	3,087	3,106	3,115	3,123	3,109	3,116	3,110	
Communication and public utilities .....	2,241	2,244	2,243	2,242	2,244	2,239	2,240	2,236	2,235	2,234	2,235	2,232	2,235	
<b>Wholesale trade</b> .....	5,733	5,748	5,768	5,773	5,791	5,805	5,830	5,833	5,848	5,872	5,886	5,897	5,920	
Durable goods .....	3,388	3,402	3,414	3,426	3,434	3,442	3,454	3,464	3,473	3,487	3,498	3,506	3,521	
Nondurable goods .....	2,345	2,346	2,354	2,347	2,357	2,363	2,376	2,369	2,375	2,385	2,388	2,391	2,399	
<b>Retail trade</b> .....	17,280	17,392	17,425	17,453	17,514	17,539	17,610	17,640	17,702	17,825	17,904	17,986	18,019	
General merchandise stores .....	2,348	2,371	2,361	2,344	2,354	2,356	2,365	2,367	2,353	2,359	2,377	2,389	2,387	
Food stores .....	2,794	2,823	2,831	2,842	2,849	2,852	2,869	2,865	2,882	2,920	2,924	2,944	2,958	
Automotive dealers and service stations .....	1,884	1,890	1,895	1,895	1,902	1,906	1,912	1,914	1,916	1,930	1,936	1,940	1,953	
Eating and drinking places .....	5,642	5,660	5,692	5,728	5,725	5,740	5,758	5,774	5,803	5,821	5,855	5,888	5,899	
<b>Finance, insurance, and real estate</b> .....	5,858	5,888	5,906	5,932	5,959	5,987	6,011	6,048	6,068	6,098	6,131	6,159	6,206	
Finance .....	2,941	2,956	2,968	2,984	2,998	3,011	3,023	3,038	3,054	3,068	3,086	3,095	3,123	
Insurance .....	1,799	1,808	1,814	1,817	1,827	1,831	1,837	1,850	1,852	1,863	1,874	1,885	1,896	
Real estate .....	1,118	1,124	1,124	1,131	1,134	1,145	1,151	1,160	1,162	1,167	1,171	1,179	1,187	
<b>Services</b> .....	21,723	21,813	21,856	21,926	22,073	22,155	22,244	22,365	22,450	22,540	22,592	22,744	22,827	
Business services .....	4,402	4,424	4,441	4,446	4,489	4,504	4,539	4,571	4,607	4,625	4,652	4,690	4,716	
Health services .....	6,218	6,240	6,243	6,260	6,291	6,308	6,333	6,363	6,389	6,409	6,435	6,473	6,503	
<b>Government</b> .....	16,158	16,213	16,213	16,341	16,343	16,452	16,486	16,484	16,513	16,504	16,548	16,539	16,541	
Federal .....	2,859	2,873	2,872	2,878	2,886	2,904	2,892	2,904	2,914	2,918	2,915	2,917	2,921	
State .....	3,749	3,759	3,765	3,788	3,789	3,818	3,827	3,833	3,827	3,844	3,849	3,853	3,860	
Local .....	9,550	9,581	9,576	9,675	9,668	9,730	9,767	9,747	9,772	9,742	9,784	9,769	9,760	

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are

introduced, all seasonally adjusted data from January 1981 forward are subject to revision.

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES  
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1985											1986	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
<b>Total</b> .....	43,220	43,390	43,493	43,681	43,720	43,912	44,093	44,190	44,385	44,566	44,719	44,905	45,092
<b>Total private</b> .....	35,234	35,388	35,477	35,628	35,686	35,778	35,944	35,994	36,176	36,350	36,488	36,672	36,803
<b>Goods-producing</b> .....	6,917	6,909	6,902	6,879	6,875	6,863	6,877	6,861	6,884	6,911	6,939	6,963	6,961
<b>Mining</b> .....	125	126	126	127	126	125	125	126	127	126	125	126	126
<b>Construction</b> .....	442	445	455	461	464	464	469	472	480	484	487	493	492
<b>Manufacturing</b> .....	6,350	6,338	6,321	6,291	6,285	6,274	6,283	6,263	6,277	6,301	6,327	6,344	6,343
<b>Durable goods</b> .....	3,085	3,080	3,064	3,050	3,042	3,026	3,032	3,005	3,016	3,025	3,026	3,039	3,037
Lumber and wood products .....	106	106	106	106	107	107	108	108	109	110	110	111	111
Furniture and fixtures .....	152	152	151	151	151	152	154	152	153	153	154	154	155
Stone, clay, and glass products .....	116	117	116	115	115	115	115	114	114	115	116	117	116
Primary metal industries .....	106	106	105	104	104	103	102	102	102	103	104	103	103
Fabricated metal products .....	329	328	327	327	326	324	325	323	324	325	326	326	325
Machinery, except electrical .....	493	491	487	482	478	471	466	462	463	460	459	462	460
Electrical and electronic equipment .....	949	944	934	928	922	915	916	903	904	905	904	907	905
Transportation equipment .....	351	352	356	356	359	361	364	363	366	371	370	373	374
Instruments and related products .....	310	311	311	310	309	309	310	308	308	309	310	311	312
Miscellaneous manufacturing .....	173	173	171	171	171	169	172	170	173	174	173	175	176
<b>Nondurable goods</b> .....	3,265	3,258	3,257	3,241	3,243	3,248	3,251	3,258	3,261	3,276	3,301	3,305	3,306
Food and kindred products .....	508	509	508	508	514	504	507	505	508	509	519	515	523
Tobacco manufactures .....	23	23	23	23	23	22	22	23	22	23	22	22	22
Textile mill products .....	340	337	336	334	333	331	332	333	334	335	336	339	341
Apparel and other textile products .....	943	938	936	924	918	930	928	932	931	934	944	948	936
Paper and allied products .....	163	163	164	164	166	166	166	166	166	168	167	167	168
Printing and publishing .....	589	591	594	596	599	602	603	606	605	611	612	614	617
Chemicals and allied products .....	286	286	287	286	286	286	285	287	286	286	287	286	287
Petroleum and coal products .....	29	29	29	29	29	28	28	27	27	27	26	26	26
Rubber and misc. plastics products .....	279	278	276	274	273	274	275	275	278	280	283	286	285
Leather and leather products .....	105	104	104	103	102	105	105	104	104	103	105	102	101
<b>Service-producing</b> .....	36,303	36,481	36,591	36,802	36,845	37,049	37,216	37,329	37,501	37,655	37,780	37,942	38,131
<b>Transportation and public utilities</b> .....	1,439	1,444	1,459	1,469	1,468	1,476	1,475	1,481	1,486	1,489	1,496	1,496	1,497
<b>Wholesale trade</b> .....	1,619	1,627	1,637	1,641	1,654	1,656	1,661	1,666	1,675	1,676	1,686	1,700	1,708
<b>Retail trade</b> .....	8,878	8,907	8,931	9,005	9,029	9,046	9,077	9,080	9,125	9,163	9,166	9,239	9,293
<b>Finance, insurance, and real estate</b> .....	3,540	3,564	3,579	3,600	3,612	3,628	3,652	3,668	3,685	3,717	3,736	3,760	3,784
<b>Services</b> .....	12,841	12,937	12,969	13,034	13,048	13,109	13,202	13,238	13,321	13,394	13,465	13,514	13,560
<b>Government</b> .....	7,986	8,002	8,016	8,053	8,034	8,134	8,149	8,196	8,209	8,216	8,231	8,233	8,289
Federal .....	992	996	1,000	1,005	1,004	1,007	1,012	1,021	1,023	1,026	1,031	1,032	1,037
State .....	1,710	1,719	1,724	1,735	1,749	1,766	1,772	1,780	1,782	1,782	1,781	1,796	1,806
Local .....	5,284	5,287	5,292	5,313	5,281	5,361	5,365	5,395	5,404	5,408	5,419	5,405	5,446

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 forward are subject to revision.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-6. Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted**

(In thousands)

Industry	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	Apr. <sup>P</sup>
<b>Total private</b> .....	65,571	65,735	65,766	65,869	66,110	66,211	66,473	66,699	66,903	67,247	67,350	67,472	67,655
<b>Goods-producing</b> .....	17,597	17,555	17,495	17,475	17,504	17,470	17,538	17,560	17,627	17,754	17,712	17,644	17,673
<b>Mining</b> .....	699	701	694	690	686	684	681	678	675	673	660	635	608
<b>Construction</b> .....	3,649	3,651	3,632	3,648	3,673	3,699	3,717	3,713	3,733	3,859	3,836	3,834	3,898
<b>Manufacturing</b> .....	13,249	13,203	13,169	13,137	13,145	13,087	13,140	13,169	13,219	13,222	13,216	13,175	13,167
<b>Durable goods</b> .....	7,730	7,704	7,671	7,630	7,638	7,586	7,627	7,636	7,651	7,650	7,631	7,592	7,596
Lumber and wood products .....	579	580	576	583	588	588	596	601	604	609	606	603	601
Furniture and fixtures .....	397	393	394	394	398	394	395	396	398	398	398	400	400
Stone, clay, and glass products .....	460	460	459	459	460	459	460	462	464	467	471	469	472
Primary metal industries .....	621	618	615	609	602	601	605	610	617	611	609	600	597
Blast furnaces and basic steel products .....	238	234	231	230	221	223	224	232	234	232	231	225	221
Fabricated metal products .....	1,093	1,091	1,086	1,082	1,082	1,080	1,084	1,082	1,080	1,082	1,075	1,074	1,076
Machinery, except electrical .....	1,325	1,323	1,314	1,303	1,298	1,284	1,290	1,282	1,280	1,281	1,272	1,266	1,261
Electrical and electronic equipment .....	1,322	1,313	1,303	1,290	1,288	1,273	1,275	1,275	1,272	1,266	1,264	1,262	1,259
Transportation equipment .....	1,264	1,260	1,260	1,253	1,260	1,251	1,267	1,271	1,278	1,274	1,270	1,251	1,263
Motor vehicles and equipment .....	682	678	678	671	675	663	678	673	679	670	663	648	653
Instruments and related products .....	397	394	394	391	392	389	388	388	389	391	392	394	395
Miscellaneous manufacturing .....	272	272	270	266	270	267	267	269	269	271	274	273	272
<b>Nondurable goods</b> .....	5,519	5,499	5,498	5,507	5,507	5,501	5,513	5,533	5,568	5,572	5,585	5,583	5,571
Food and kindred products .....	1,138	1,141	1,153	1,139	1,146	1,141	1,141	1,145	1,161	1,158	1,171	1,170	1,162
Tobacco manufactures .....	50	49	49	49	48	49	48	49	48	48	48	48	48
Textile mill products .....	611	605	603	602	601	600	603	604	605	606	609	611	607
Apparel and other textile products .....	983	970	962	978	970	975	976	978	988	990	980	974	975
Paper and allied products .....	513	516	516	516	517	516	517	521	520	521	522	522	524
Printing and publishing .....	778	780	782	788	790	788	789	795	798	802	806	810	812
Chemicals and allied products .....	578	575	575	574	574	575	575	571	572	569	572	571	571
Petroleum and coal products .....	109	108	108	108	108	104	104	104	105	104	104	104	104
Rubber and misc. plastics products .....	615	611	607	606	608	608	615	621	626	631	632	633	630
Leather and leather products .....	144	144	143	147	145	145	145	145	145	143	141	140	138
<b>Service-producing</b> .....	47,974	48,180	48,271	48,394	48,606	48,741	48,935	49,139	49,276	49,493	49,638	49,828	49,982
<b>Transportation and public utilities</b> .....	4,365	4,385	4,382	4,390	4,369	4,403	4,414	4,434	4,441	4,441	4,429	4,432	4,424
<b>Wholesale trade</b> .....	4,631	4,644	4,662	4,663	4,676	4,685	4,702	4,707	4,718	4,741	4,752	4,754	4,767
<b>Retail trade</b> .....	15,430	15,521	15,568	15,574	15,652	15,668	15,732	15,762	15,806	15,923	16,004	16,072	16,107
<b>Finance, insurance, and real estate</b> .....	4,343	4,364	4,381	4,400	4,416	4,436	4,451	4,479	4,494	4,517	4,531	4,545	4,583
<b>Services</b> .....	19,205	19,266	19,278	19,367	19,493	19,549	19,636	19,757	19,817	19,871	19,922	20,025	20,101

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

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March

1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 forward are subject to revision.

Corrected seasonal adjustment factors for production workers in blast furnaces and basic steel products for August and November 1985 are 100.9 and 97.5 respectively. The corrected factor for motor vehicles and equipment in September 1985 is 101.5.

**ESTABLISHMENT DATA  
INDEXES OF DIFFUSION  
SEASONALLY ADJUSTED**

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

Time span	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Over 1-month span	1984.....	67.3	72.7	66.8	67.3	60.5	64.3	65.7	58.1	48.4	66.5	55.1	63.5
	1985.....	57.6	50.3	55.9	44.6	50.3	47.0	54.9	56.8	45.7	63.5	61.6	63.2
	1986.....	63.0	51.6	<sup>P</sup> 53.0	<sup>P</sup> 45.7								
Over 3-month span	1984.....	78.1	75.9	77.6	68.9	69.7	67.0	65.4	60.3	60.0	56.5	67.0	60.0
	1985.....	58.6	54.1	46.8	45.9	44.1	49.7	50.5	49.2	53.8	52.7	65.1	65.1
	1986.....	62.4	<sup>P</sup> 56.2	<sup>P</sup> 48.1									
Over 6-month span	1984.....	79.2	77.8	77.3	75.4	69.2	64.9	63.2	64.1	67.0	59.7	57.6	60.3
	1985.....	52.2	49.5	44.3	44.6	44.3	42.4	46.8	50.0	56.8	60.0	56.2	<sup>P</sup> 61.4
	1986.....	<sup>P</sup> 56.8											
Over 12-month span	1984.....	81.9	78.4	76.8	75.1	72.7	73.0	70.0	65.7	63.5	60.5	56.2	51.9
	1985.....	50.8	48.4	49.5	47.3	46.2	47.3	48.6	48.6	<sup>P</sup> 47.6	<sup>P</sup> 49.5		
	1986.....												

<sup>1</sup> Based on the number of employees, seasonally adjusted for 1, 3, and 6 month spans, on the payrolls of 185 private nonagricultural industries. Data for the 12-month span are unadjusted.

<sup>P</sup> = 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 survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 forward are subject to revision.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-8. Employees on nonagricultural payrolls in States and selected areas by major industry**

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Alabama</b> .....	1,404.2	1,432.7	1,428.1	14.1	12.7	13.0	67.7	69.0	69.7
Birmingham .....	362.1	370.6	374.7	7.4	5.8	6.1	19.8	20.1	20.8
Huntsville .....	109.0	112.1	112.5	.1	.1	.1	4.0	.3	4.1
Mobile .....	155.0	157.2	158.8	.8	1.0	1.0	12.0	10.8	10.9
Montgomery .....	115.1	116.9	116.9	.2	.1	.1	6.8	7.3	7.4
Tuscaloosa .....	53.1	55.1	55.3	2.9	2.9	2.9	2.3	2.6	2.7
<b>Alaska</b> .....	219.4	218.4	220.8	9.4	9.2	9.2	15.5	12.5	12.3
<b>Arizona</b> .....	1,262.4	1,320.7	1,332.9	12.2	11.0	11.2	107.8	109.3	109.9
Phoenix .....	831.1	869.8	877.8	.6	.6	.6	76.7	76.3	76.2
Tucson .....	229.9	241.9	244.4	2.5	2.1	2.1	20.0	21.2	21.7
<b>Arkansas</b> .....	785.3	809.7	819.7	5.4	4.9	4.8	32.8	34.2	37.2
Fayetteville-Springdale .....	43.0	43.9	44.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.7	1.8
Fort Smith .....	68.3	71.5	72.2	1.3	1.1	1.0	3.0	3.2	3.4
Little Rock-North Little Rock .....	216.9	221.8	223.4	.3	.4	.4	10.6	11.5	11.7
Pine Bluff .....	30.6	32.1	32.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	2.4	2.8
<b>California</b> .....	10,830.1	11,072.5	11,120.7	50.0	49.2	47.6	460.7	487.4	480.2
Anaheim-Santa Ana .....	981.8	1,003.3	1,006.1	3.3	3.1	3.0	47.4	50.5	50.4
Bakersfield .....	150.9	155.5	154.6	16.1	16.5	15.3	8.9	8.5	8.3
Fresno .....	187.5	191.3	191.8	1.0	.9	.8	10.9	10.6	10.3
Los Angeles-Long Beach .....	3,807.3	3,867.3	3,887.9	12.6	12.5	12.3	114.5	117.2	114.1
Modesto .....	68.6	93.7	94.5	.1	.1	.1	5.3	6.1	6.0
Oakland .....	750.0	781.6	786.1	1.9	1.9	1.9	41.4	45.2	45.6
Oxnard-Ventura .....	183.7	190.4	191.3	3.3	3.2	3.2	8.6	9.0	9.1
Riverside-San Bernardino .....	511.3	528.8	529.3	1.3	1.3	1.3	36.5	38.4	37.7
Sacramento .....	481.6	497.7	499.4	.9	.8	.8	23.4	25.6	25.3
Salinas-Seaside-Monterey .....	97.0	101.3	101.8	.4	.4	.5	3.4	3.4	3.2
San Diego .....	769.3	800.7	800.5	.7	.8	.8	45.2	46.8	45.0
San Francisco .....	907.9	925.0	927.3	2.1	1.4	1.4	29.7	31.7	32.2
San Jose .....	789.1	783.2	785.7	.1	.2	.2	30.9	30.0	29.7
Santa Barbara-Santa Maria-Lompoc .....	136.6	140.7	141.2	1.4	1.4	1.4	6.0	6.5	6.4
Santa Rosa-Petaluma .....	111.2	112.5	112.5	.6	.6	.6	6.1	6.2	6.2
Stockton .....	128.0	130.1	131.8	.1	.1	.1	6.5	6.7	7.3
Vallejo-Fairfield-Napa .....	110.9	113.2	113.2	.4	.4	.3	6.4	5.7	5.6
<b>Colorado</b> .....	1,414.9	1,430.3	1,441.7	34.0	30.7	30.3	82.6	60.0	63.6
Boulder-Longmont .....	103.2	103.6	104.7	.3	.3	.3	4.6	4.0	4.4
Denver .....	813.5	816.9	821.7	22.1	20.3	20.1	47.6	43.8	45.3
<b>Connecticut</b> .....	1,543.2	1,568.5	1,581.1	1.4	1.5	1.6	58.2	61.2	63.3
Bridgeport-Milford .....	187.2	191.3	192.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.4	7.0	7.2
Hartford .....	437.0	447.3	451.1	.2	.2	.3	13.9	15.1	15.8
New Britain .....	62.2	62.4	63.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.7	2.9
New Haven-Meriden .....	233.7	235.8	238.3	.2	.3	.3	9.6	10.0	10.4
Stamford .....	118.8	120.9	121.9	.8	.8	.8	4.8	4.8	5.1
Waterbury .....	85.5	64.1	64.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.3	3.4
<b>Delaware</b> .....	284.9	287.6	292.0	.1	.1	.1	15.6	15.8	16.7
Wilmington .....	251.3	250.9	253.9	.2	.2	.2	17.6	16.2	16.1
<b>District of Columbia</b> .....	621.4	632.1	635.2	.1	.1	.1	13.6	11.9	12.5
Washington MSA .....	1,667.1	1,936.6	1,956.3	1.0	1.1	1.1	104.3	108.6	114.3
<b>Florida</b> .....	4,430.3	4,540.2	4,569.6	10.3	9.4	9.5	332.2	336.7	337.0
Daytona Beach .....	101.5	106.2	106.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.2	7.3	7.4
Fort Lauderdale-Hollywood-Pompano Beach .....	429.7	441.0	444.0	.4	.4	.4	34.9	37.1	37.0
Fort Myers-Cape Coral .....	95.5	98.7	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.0	11.3	11.1
Gainesville .....	85.8	87.2	87.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.5	4.4
Jacksonville .....	355.4	370.5	374.4	.5	.5	.5	26.4	27.6	27.8
Lakeland-Winter Haven .....	135.3	135.4	136.1	4.9	4.4	4.6	8.6	8.5	8.6
Melbourne-Titusville-Palm Bay .....	134.9	138.7	138.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.6	9.0	9.2
Miami-Hialeah .....	764.2	603.6	605.3	.9	.8	.8	39.5	39.2	39.3
Orlando .....	408.8	426.1	429.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	32.3	33.5	34.3
Pensacola .....	115.6	116.9	117.0	.5	.3	.3	9.4	9.6	9.8
Sarasota .....	93.9	94.1	94.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.0	10.0	9.9
Tallahassee .....	98.1	100.0	100.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	4.9	4.9
Tampa-St. Petersburg-Clearwater .....	731.3	746.4	750.8	.6	.6	.6	59.8	60.5	60.6
West Palm Beach-Boca Raton-Delray Beach .....	289.8	298.6	298.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	26.5	27.5	27.3

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Alabama</b> .....	351.3	354.4	347.7	72.2	71.3	71.3	297.0	306.2	306.9
Birmingham .....	54.3	55.5	55.4	29.0	29.0	29.2	87.4	92.6	95.0
Huntsville .....	30.5	31.2	30.9	2.3	2.5	2.5	20.7	21.1	21.3
Mobile .....	24.6	25.8	25.1	9.8	9.4	9.3	40.1	41.5	41.5
Montgomery .....	16.9	17.3	17.3	4.6	4.6	4.6	25.4	25.7	25.6
Tuscaloosa .....	8.2	8.3	8.5	1.9	2.0	2.0	10.5	10.9	10.9
<b>Alaska</b> .....	8.4	7.7	8.3	17.7	17.8	17.9	43.2	44.1	44.4
<b>Arizona</b> .....	179.5	181.1	181.4	61.8	64.1	63.9	307.7	329.1	331.8
Phoenix .....	131.1	128.8	128.8	40.0	41.8	42.0	210.4	226.7	228.5
Tucson .....	30.5	32.9	33.2	9.1	9.2	9.2	50.7	53.9	54.4
<b>Arkansas</b> .....	208.2	210.8	212.5	46.0	48.3	49.1	175.3	182.6	184.9
Fayetteville-Springdale .....	9.6	9.3	9.6	3.5	3.8	3.9	10.1	10.7	10.7
Fort Smith .....	23.0	24.7	24.6	3.3	3.4	3.4	15.4	15.7	16.0
Little Rock-North Little Rock .....	33.7	33.3	33.6	15.0	14.5	14.6	51.8	53.9	54.3
Pine Bluff .....	5.8	5.6	5.8	3.0	2.9	2.8	6.2	6.4	6.4
<b>California</b> .....	2,074.3	2,078.7	2,090.8	555.8	558.8	559.8	2,563.9	2,637.7	2,643.7
Anaheim-Santa Ana .....	241.5	239.9	240.5	31.9	33.0	33.1	246.6	255.5	255.2
Bakersfield .....	10.3	10.2	10.3	7.9	8.3	8.4	37.9	39.0	39.0
Fresno .....	19.8	21.1	21.2	9.7	9.9	9.9	47.5	48.5	48.7
Los Angeles-Long Beach .....	894.0	903.3	909.4	198.7	197.7	197.7	880.9	897.3	898.4
Modesto .....	17.8	18.9	19.3	4.0	4.2	4.2	22.7	24.3	24.5
Oakland .....	102.2	104.7	104.9	47.9	51.6	52.2	187.0	194.9	195.4
Oxnard-Ventura .....	29.2	28.6	28.6	7.8	9.7	10.1	46.8	48.7	48.8
Riverside-San Bernardino .....	65.9	67.0	66.9	28.4	29.4	29.2	130.5	134.7	134.5
Sacramento .....	32.9	34.7	34.8	23.6	23.2	23.2	118.3	118.9	119.3
Salinas-Seaside-Monterey .....	7.9	9.2	9.6	4.9	5.1	5.0	26.5	28.0	28.1
San Diego .....	120.2	121.3	121.6	31.2	31.1	31.1	180.3	192.9	192.3
San Francisco .....	82.6	81.8	81.2	82.0	81.2	80.3	206.0	214.0	215.2
San Jose .....	294.3	282.8	282.1	22.1	21.5	21.6	146.7	153.1	153.6
Santa Barbara-Santa Maria-Lompoc .....	23.4	23.1	23.3	5.4	5.6	5.6	32.0	33.6	33.6
Santa Rosa-Petaluma .....	18.4	17.5	17.5	5.4	5.3	5.3	28.5	29.2	29.1
Stockton .....	20.5	20.3	20.7	8.3	7.9	8.0	29.4	30.8	31.0
Vallejo-Fairfield-Napa .....	10.5	10.2	10.5	4.2	4.3	4.4	25.6	26.9	26.9
<b>Colorado</b> .....	192.0	188.6	189.1	88.2	88.5	88.9	350.0	353.7	356.7
Boulder-Longmont .....	29.9	28.4	28.5	2.4	2.5	2.5	20.8	21.7	22.1
Denver .....	101.5	99.5	99.8	62.9	63.8	64.1	204.5	205.9	207.0
<b>Connecticut</b> .....	415.9	406.8	407.6	68.0	69.2	69.6	337.2	346.8	350.7
Bridgeport-Milford .....	64.0	62.1	62.3	7.5	7.6	7.5	41.6	44.0	44.2
Hartford .....	94.3	92.5	92.9	16.5	17.2	17.3	93.9	96.5	97.6
New Britain .....	23.5	22.5	22.4	3.2	3.3	3.3	11.6	12.0	12.1
New Haven-Meriden .....	48.8	46.6	47.2	17.3	17.6	17.6	52.7	54.6	55.0
Stamford .....	29.0	27.5	27.4	4.8	4.9	4.9	27.9	29.2	29.5
Waterbury .....	29.5	27.6	27.6	3.1	3.1	3.1	16.1	16.1	16.2
<b>Delaware</b> .....	73.0	67.9	67.2	11.7	11.6	12.0	60.8	63.0	64.0
Wilmington .....	63.7	58.2	58.0	12.6	13.1	13.3	50.8	52.4	52.9
<b>District of Columbia</b> .....	14.7	15.3	15.4	25.7	24.6	24.6	62.1	64.6	64.6
Washington MSA .....	79.7	83.9	84.5	65.6	66.9	66.9	368.6	388.2	390.2
<b>Florida</b> .....	515.9	522.0	522.1	241.9	243.0	243.6	1,198.5	1,223.3	1,235.5
Daytona Beach .....	11.8	12.3	12.3	3.3	3.3	3.4	29.3	31.0	32.1
Fort Lauderdale-Hollywood-Pompano Beach .....	44.3	44.6	44.9	21.1	20.9	21.0	126.4	129.4	130.3
Fort Myers-Cape Coral .....	4.6	5.0	5.1	4.2	4.3	4.4	29.3	30.8	31.4
Gainesville .....	5.3	5.3	5.2	1.8	1.7	1.7	18.6	19.1	19.5
Jacksonville .....	36.9	37.5	37.4	27.6	26.1	26.0	95.5	101.1	102.5
Lakeland-Winter Haven .....	23.0	22.5	21.7	6.1	6.5	6.4	36.1	36.2	36.6
Melbourne-Titusville-Palm Bay .....	27.3	26.7	26.8	5.5	5.4	5.4	30.1	31.9	32.0
Miami-Hialeah .....	94.7	95.0	95.5	66.7	68.2	67.9	209.5	214.8	215.5
Orlando .....	48.1	50.5	50.8	20.9	21.8	21.8	111.1	116.1	117.3
Pensacola .....	12.3	11.0	11.0	6.4	6.7	6.4	28.2	29.6	29.6
Sarasota .....	7.6	7.6	7.7	3.5	3.6	3.6	26.4	28.0	28.2
Tallahassee .....	3.9	4.1	4.1	2.8	2.9	2.9	20.8	21.2	21.5
Tampa-St. Petersburg-Clearwater .....	92.1	91.0	90.8	36.3	37.2	37.2	202.9	206.3	208.4
West Palm Beach-Boca Raton-DeLray Beach .....	38.0	37.0	36.3	10.5	10.7	10.7	76.4	78.1	78.4

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>
<b>Alabama</b> .....	84.7	67.4	68.0	238.8	244.4	245.8	298.4	307.3	305.7
Birmingham .....	25.9	27.0	27.2	80.2	82.2	82.8	58.1	58.4	58.4
Huntsville .....	3.1	3.2	3.2	20.0	22.1	22.3	28.3	28.0	28.1
Mobile .....	7.9	8.1	8.0	32.3	32.8	33.2	27.5	27.8	27.6
Montgomery .....	6.8	7.0	7.0	23.2	23.3	23.3	31.2	31.6	31.6
Tuscaloosa .....	1.7	1.8	1.8	7.3	7.4	7.4	18.3	19.2	19.1
<b>Alaska</b> .....	12.3	12.7	12.9	44.0	44.8	45.3	68.9	69.8	70.5
<b>Arizona</b> .....	78.0	86.0	87.7	291.5	310.8	315.4	223.9	229.5	231.8
Phoenix .....	61.2	87.4	88.8	196.5	211.6	215.8	112.6	118.4	117.3
Tucson .....	11.0	12.4	12.5	55.1	58.9	59.4	51.0	51.3	51.9
<b>Arkansas</b> .....	36.0	38.9	37.0	138.8	142.8	144.9	144.8	149.2	149.3
Fayetteville-Springdale .....	1.5	1.4	1.5	5.8	6.0	6.1	10.8	11.0	11.0
Fort Smith .....	2.5	2.7	2.7	12.6	13.3	13.7	7.0	7.4	7.4
Little Rock-North Little Rock .....	14.8	15.1	15.1	46.1	47.8	48.2	44.6	45.3	45.5
Pine Bluff .....	1.5	1.6	1.6	5.7	5.6	5.6	7.2	7.8	7.5
<b>California</b> .....	712.0	746.9	750.7	2,605.1	2,879.6	2,704.7	1,808.3	1,852.2	1,663.2
Anaheim-Santa Ana .....	73.6	75.6	75.8	228.1	233.5	235.4	109.4	112.2	112.7
Bakersfield .....	5.8	5.9	5.9	28.4	29.6	29.6	35.8	37.5	37.8
Fresno .....	12.9	13.3	13.3	42.2	43.8	43.6	43.5	43.4	44.0
Los Angeles-Long Beach .....	256.6	263.6	265.3	967.6	983.5	995.2	482.4	492.2	495.5
Modesto .....	3.9	4.0	4.0	19.1	20.0	20.1	15.7	16.1	16.3
Oakland .....	46.0	48.9	49.5	168.7	177.9	179.5	154.9	156.5	157.1
Oxnard-Ventura .....	10.5	10.2	10.2	38.2	40.9	41.2	39.3	40.1	40.3
Riverside-San Bernardino .....	21.4	22.6	22.6	117.4	122.3	122.8	109.9	113.1	114.1
Sacramento .....	27.9	28.9	29.1	98.9	104.8	105.3	155.7	161.0	161.6
Salinas-Seaside-Monterey .....	4.7	4.9	4.8	23.5	24.3	24.5	25.7	26.0	26.1
San Diego .....	50.9	52.9	52.7	193.7	203.6	204.9	147.1	151.3	152.1
San Francisco .....	110.5	110.0	109.2	259.0	267.4	269.5	136.0	137.5	138.3
San Jose .....	31.6	32.3	32.4	181.4	180.3	182.7	62.0	63.0	63.4
Santa Barbara-Santa Maria-Lompoc .....	7.4	7.5	7.5	35.1	36.4	36.6	25.9	26.6	26.6
Santa Rosa-Petaluma .....	7.4	7.9	7.9	24.2	24.4	24.5	20.6	21.4	21.4
Stockton .....	7.9	8.0	8.0	26.8	27.4	27.6	28.5	28.9	29.1
Vallejo-Fairfield-Napa .....	4.4	4.7	4.7	23.7	25.1	25.1	35.7	35.9	35.7
<b>Colorado</b> .....	96.4	99.8	100.5	318.8	333.5	335.8	253.2	255.4	256.7
Boulder-Longmont .....	3.6	3.8	3.9	20.6	21.9	22.0	20.9	21.0	21.1
Denver .....	64.8	67.4	67.8	190.3	195.9	196.6	119.8	120.3	120.9
<b>Connecticut</b> .....	127.1	133.9	134.8	344.0	356.6	359.7	191.4	192.5	193.8
Bridgeport-Milford .....	9.5	10.2	10.2	39.9	41.7	42.3	18.3	18.7	18.6
Hartford .....	66.8	69.5	69.7	95.1	98.7	99.5	56.3	57.6	58.0
New Britain .....	2.9	3.2	3.2	11.7	12.4	12.5	6.7	6.3	6.6
New Haven-Meriden .....	13.4	13.8	13.8	61.5	63.0	63.9	30.2	29.9	30.1
Stamford .....	9.9	10.3	10.4	32.4	34.1	34.5	9.2	9.3	9.3
Waterbury .....	3.6	3.6	3.6	19.5	19.8	20.1	10.6	10.8	10.6
<b>Delaware</b> .....	18.4	20.8	21.0	60.2	62.7	63.8	45.2	45.4	47.1
Wilmington .....	17.1	19.5	19.7	53.2	55.5	56.3	36.1	35.9	37.5
<b>District of Columbia</b> .....	34.3	34.5	34.4	210.8	220.0	221.3	260.1	261.3	262.2
Washington MSA .....	103.8	109.1	110.4	569.3	597.7	604.1	554.8	561.0	564.9
<b>Florida</b> .....	313.1	327.6	329.2	1,132.4	1,180.9	1,193.2	886.0	697.1	699.5
Daytona Beach .....	6.0	6.2	6.3	27.4	28.7	29.3	16.5	17.4	17.5
Fort Lauderdale-Hollywood-Pompano Beach .....	35.2	36.5	36.3	114.2	119.0	120.7	53.2	53.1	53.4
Fort Myers-Cape Coral .....	6.8	7.3	7.4	25.2	25.4	25.9	14.2	14.4	14.5
Gainesville .....	3.2	3.4	3.4	19.0	19.0	19.3	33.3	34.1	34.2
Jacksonville .....	31.9	33.6	34.0	82.6	86.1	87.9	54.0	56.0	56.3
Lakeland-Winter Haven .....	7.3	7.6	7.7	30.8	31.3	31.8	16.5	16.4	16.5
Melbourne-Titusville-Palm Bay .....	4.7	5.1	4.9	36.5	41.7	41.6	19.1	18.8	18.9
Miami-Hialeah .....	64.3	67.0	67.1	208.0	215.0	214.9	100.6	103.6	104.3
Orlando .....	26.2	28.0	27.4	121.0	125.1	126.8	49.1	51.0	51.2
Pensacola .....	5.0	4.9	5.1	27.3	28.0	28.0	26.5	26.8	26.8
Sarasota .....	7.7	7.7	7.8	25.3	25.9	26.2	11.3	11.2	11.2
Tallahassee .....	4.5	4.5	4.5	18.5	18.8	18.9	42.2	43.3	43.4
Tampa-St. Petersburg-Clearwater .....	55.6	58.7	59.0	192.0	196.3	197.8	92.0	95.8	96.2
West Palm Beach-Boca Raton-Delray Beach .....	23.2	24.5	24.5	81.2	84.8	85.2	34.0	35.9	36.1

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Georgia</b> .....	2,519.3	2,596.1	2,600.1	7.9	8.0	7.9	136.9	146.3	147.3
Albany .....	49.1	49.8	49.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.4	2.4
Athens .....	58.4	60.1	60.2	.1	.1	.1	2.1	2.5	2.6
Atlanta .....	1,246.2	1,286.0	1,288.1	1.2	1.2	1.2	68.7	70.8	71.3
Augusta .....	143.3	146.5	146.6	.4	.5	.5	8.8	9.5	9.5
Columbus .....	87.8	89.3	89.2	.1	.1	.1	4.9	5.1	5.1
Macon-Warner Robins .....	112.0	115.9	115.9	.2	.2	.2	4.8	5.1	5.2
Savannah .....	94.3	97.0	97.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.2	5.4	5.7
<b>Hawaii</b> .....	424.6	427.9	429.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.8	16.9	16.4
Honolulu .....	341.2	345.3	346.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.9	13.6	13.1
<b>Idaho</b> .....	328.1	331.4	333.3	3.8	3.5	3.3	12.0	13.1	13.6
Boise City .....	84.2	86.7	87.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.8	5.1	5.3
<b>Illinois</b> .....	4,727.2	4,692.7	4,724.5	26.5	25.1	25.7	150.9	146.8	156.6
Aurora-Elgin .....	124.4	125.7	126.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.9	4.1
Bloomington-Normal .....	51.9	52.3	52.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	.9	.8	.9
Champaign-Urbana-Rantoul .....	78.0	79.3	79.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.8	1.8
Chicago .....	2,904.4	2,913.5	2,930.7	2.3	2.0	2.2	95.5	90.2	95.7
Davenport-Rock Island-Moline .....	147.1	147.1	147.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	4.2	4.2
Decatur .....	49.0	49.5	49.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.6	1.6
Joliet .....	90.9	92.0	92.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	3.8	3.8
Kankakee .....	31.7	31.4	31.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.0	1.0	1.0
Lake County .....	166.2	169.9	171.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	4.8	5.0
Peoria .....	129.2	128.1	128.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	4.8	4.8
Rockford .....	118.6	118.3	118.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	2.7	2.8
Springfield .....	89.6	89.5	90.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	1.9	2.0
<b>Indiana</b> .....	2,128.2	2,184.5	2,203.1	9.7	8.9	9.1	74.2	79.8	85.8
Anderson .....	47.2	47.2	47.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.1	1.2
Elkhart-Goshen .....	86.2	87.7	88.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.2	2.2
Evansville .....	119.1	119.7	121.5	2.8	2.7	2.6	6.2	5.9	6.2
Fort Wayne .....	161.7	165.8	167.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	6.2	6.6
Gary-Hammond .....	211.0	213.1	213.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.7	11.2	11.2
Indianapolis .....	541.6	552.9	557.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.8	22.7	23.6
Lafayette .....	58.9	60.9	60.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.4	1.4
Muncie .....	47.6	48.3	48.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.2	1.3
South Bend-Mishawaka .....	102.0	103.7	104.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.8	3.8	3.9
Terre Haute .....	51.0	50.7	51.2	.5	.5	.5	1.5	1.4	1.5
<b>Iowa</b> .....	1,057.3	1,063.2	1,069.8	1.8	1.5	1.7	30.1	27.9	29.2
Cedar Rapids .....	80.2	81.5	82.5	.2	.1	.1	2.6	2.6	2.8
Des Moines .....	189.6	191.6	193.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.2	6.7	7.0
Dubuque .....	39.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.0	( <sup>2</sup> )	( <sup>2</sup> )
Iowa City .....	48.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.0	( <sup>2</sup> )	( <sup>2</sup> )
Sioux City .....	47.8	47.2	47.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.1	1.1
Waterloo-Cedar Falls .....	61.1	58.9	58.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.3	1.4
<b>Kansas</b> .....	964.2	967.9	979.8	16.9	15.1	13.9	39.1	34.1	38.3
Lawrence .....	29.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	.8	( <sup>2</sup> )	( <sup>2</sup> )
Topeka .....	83.2	82.8	83.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	2.7	3.0
Wichita .....	201.6	205.4	206.7	3.2	2.9	2.6	8.4	7.6	8.8
<b>Kentucky</b> .....	1,228.3	1,247.8	1,257.0	42.9	44.2	43.9	48.0	53.7	58.3
Lexington-Fayette .....	161.6	161.5	163.2	.8	.9	.9	8.0	7.3	7.5
Louisville .....	401.7	412.0	417.5	.6	.6	.6	17.0	18.1	19.7
Owensboro .....	31.8	31.3	31.4	1.1	.9	.9	1.7	1.3	1.4
<b>Louisiana</b> .....	1,593.1	1,570.7	1,569.6	82.5	76.6	71.1	105.1	95.4	99.1
Alexandria .....	44.7	( <sup>2</sup> )	( <sup>2</sup> )	.2	( <sup>2</sup> )	( <sup>2</sup> )	2.8	( <sup>2</sup> )	( <sup>2</sup> )
Baton Rouge .....	216.8	212.3	213.6	1.2	1.3	1.3	21.9	20.3	20.7
Houma-Thibodaux .....	62.6	58.8	58.1	8.8	7.5	7.4	2.9	2.2	2.3
Lafayette .....	99.1	98.5	97.8	17.6	17.0	16.9	5.1	5.1	5.1
Lake Charles .....	58.4	57.8	57.8	2.4	2.2	2.0	3.7	3.5	3.5
Monroe .....	55.8	54.8	56.2	.6	.5	.5	3.4	3.6	4.1
New Orleans .....	534.9	522.8	522.3	19.6	18.8	18.8	28.1	25.3	25.4
Shreveport .....	141.7	135.4	135.8	4.9	4.5	4.2	8.2	7.4	7.7
<b>Maine</b> .....	440.1	455.9	456.3	.1	.1	.1	17.7	20.4	20.4
Lewiston-Auburn .....	36.2	36.9	37.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.5	1.5
Portland .....	104.0	108.0	108.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.8	5.3	5.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Georgia</b> .....	549.5	559.6	560.2	160.4	163.3	163.7	627.4	655.1	655.9
Albany .....	10.8	10.1	10.0	2.6	2.6	2.5	11.8	12.4	12.5
Athens .....	14.5	14.9	14.8	1.6	1.8	1.7	12.4	12.6	12.6
Atlanta .....	181.7	185.8	186.0	103.6	105.6	105.9	353.8	366.9	367.3
Augusta .....	36.8	36.8	36.8	4.9	4.8	4.8	30.0	31.6	31.8
Columbus .....	20.9	20.2	20.2	3.1	3.2	3.2	19.2	20.0	20.0
Macon-Warner Robins .....	19.1	20.2	20.3	4.7	4.8	4.8	24.6	25.2	25.1
Savannah .....	15.8	15.6	15.6	9.8	9.8	9.7	23.1	24.8	25.0
<b>Hawaii</b> .....	21.6	21.7	21.7	32.6	33.9	33.8	115.4	116.6	116.5
Honolulu .....	15.4	15.8	15.9	26.4	27.9	27.7	91.7	92.0	91.8
<b>Idaho</b> .....	52.9	53.5	53.4	19.1	18.5	18.6	82.3	82.5	83.4
Boise City .....	10.7	10.6	10.6	5.5	5.6	5.6	21.9	22.0	22.4
<b>Illinois</b> .....	987.2	964.9	966.5	275.1	271.7	271.4	1,150.2	1,152.3	1,157.3
Aurora-Elgin .....	38.2	37.0	36.9	2.9	3.0	3.1	33.1	34.2	34.5
Bloomington-Normal .....	4.5	4.4	4.4	3.3	3.2	3.2	12.6	12.9	12.7
Champaign-Urbana-Rantoul .....	7.0	7.3	7.5	2.2	2.3	2.3	19.0	19.2	19.2
Chicago .....	586.2	568.0	568.1	183.3	182.8	183.1	716.9	725.3	728.4
Davenport-Rock Island-Moline .....	32.4	31.5	32.6	8.0	7.9	7.9	40.1	40.9	40.7
Decatur .....	14.9	14.9	14.9	4.3	4.4	4.3	10.6	10.6	10.6
Joliet .....	19.4	20.0	20.1	8.5	8.6	8.6	21.3	21.2	21.2
Kankakee .....	5.1	5.0	5.1	1.3	1.5	1.4	8.1	8.0	8.0
Lake County .....	42.1	41.7	42.3	6.0	5.8	5.9	41.5	41.1	41.4
Peoria .....	32.7	31.4	31.4	6.6	6.6	6.5	32.3	32.6	32.6
Rockford .....	45.3	44.8	44.9	4.7	4.5	4.5	26.7	26.9	26.9
Springfield .....	4.8	3.8	3.8	4.5	4.7	4.7	18.5	18.5	18.5
<b>Indiana</b> .....	610.3	598.7	600.2	106.5	110.5	111.4	487.9	517.7	523.0
Anderson .....	19.0	18.7	18.8	1.1	1.2	1.2	9.9	10.1	10.2
Elkhart-Goshen .....	46.8	47.5	48.3	2.7	2.7	2.7	15.6	16.0	16.2
Evansville .....	31.3	30.8	31.5	6.4	6.5	6.6	29.8	29.9	30.2
Fort Wayne .....	46.1	46.8	47.0	10.5	11.0	11.0	39.7	41.0	41.5
Gary-Hammond .....	60.9	58.6	57.9	13.3	13.5	13.4	47.3	48.2	48.7
Indianapolis .....	109.4	105.6	105.9	31.1	32.2	32.5	137.4	141.5	143.2
Lafayette .....	11.2	11.5	11.5	1.7	1.7	1.7	12.0	12.5	12.5
Muncie .....	11.2	10.9	11.0	2.1	2.3	2.3	11.3	11.6	11.6
South Bend-Mishawaka .....	24.6	24.3	24.3	4.3	4.4	4.4	26.2	26.7	27.0
Terre Haute .....	10.2	10.4	10.4	2.5	2.4	2.5	13.5	13.5	13.7
<b>Iowa</b> .....	203.7	201.7	202.4	50.4	50.2	50.2	268.7	272.4	274.1
Cedar Rapids .....	21.6	22.1	22.3	3.8	3.9	4.0	20.0	19.6	19.7
Des Moines .....	23.1	22.1	22.2	11.3	12.9	12.9	49.7	49.8	50.5
Dubuque .....	12.0	( <sup>2</sup> )	( <sup>2</sup> )	1.7	( <sup>2</sup> )	( <sup>2</sup> )	8.7	( <sup>2</sup> )	( <sup>2</sup> )
Iowa City .....	3.8	( <sup>2</sup> )	( <sup>2</sup> )	1.0	( <sup>2</sup> )	( <sup>2</sup> )	9.2	( <sup>2</sup> )	( <sup>2</sup> )
Sioux City .....	9.6	10.0	10.1	3.3	3.0	3.0	12.6	11.7	11.8
Waterloo-Cedar Falls .....	14.5	13.2	13.0	2.0	1.9	1.9	14.2	13.7	13.7
<b>Kansas</b> .....	174.0	173.9	175.5	64.1	63.7	63.9	239.7	239.2	241.8
Lawrence .....	4.2	( <sup>2</sup> )	( <sup>2</sup> )	1.3	( <sup>2</sup> )	( <sup>2</sup> )	6.3	( <sup>2</sup> )	( <sup>2</sup> )
Topeka .....	9.5	9.4	9.5	7.3	6.9	6.9	18.7	18.7	18.9
Wichita .....	54.4	56.0	56.1	9.8	9.8	9.7	48.8	50.7	50.8
<b>Kentucky</b> .....	256.7	252.7	252.2	65.4	66.4	66.5	286.6	295.2	295.9
Lexington-Fayette .....	30.0	28.4	27.8	7.3	7.6	7.6	37.7	38.4	38.4
Louisville .....	87.7	84.6	85.0	24.3	24.3	24.7	99.2	103.9	105.7
Owensboro .....	6.1	5.6	5.6	2.2	2.3	2.3	7.9	8.0	8.0
<b>Louisiana</b> .....	179.9	168.6	168.1	114.8	110.8	111.5	382.8	383.4	383.9
Alexandria .....	3.5	( <sup>2</sup> )	( <sup>2</sup> )	2.1	( <sup>2</sup> )	( <sup>2</sup> )	10.8	( <sup>2</sup> )	( <sup>2</sup> )
Baton Rouge .....	21.1	20.2	20.2	10.4	10.0	10.3	52.7	50.5	50.9
Houma-Thibodaux .....	5.0	4.4	4.3	7.7	7.1	6.8	15.4	14.6	14.3
Lafayette .....	6.3	5.9	6.0	7.3	7.3	7.2	25.7	25.9	25.4
Lake Charles .....	9.3	8.9	8.8	4.2	4.2	4.2	14.5	14.3	14.8
Monroe .....	7.3	7.6	7.6	2.9	2.7	2.6	15.3	15.9	15.9
New Orleans .....	46.1	43.1	42.9	45.1	44.7	44.7	139.6	140.3	140.3
Shreveport .....	23.3	19.0	18.9	8.9	8.2	8.2	33.4	32.5	32.3
<b>Maine</b> .....	106.2	105.9	104.8	18.7	19.1	18.6	99.4	106.1	107.6
Lewiston-Auburn .....	10.3	10.4	10.3	1.4	1.4	1.4	8.4	8.5	8.7
Portland .....	16.5	16.8	16.8	5.6	5.8	5.7	29.8	30.7	30.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Georgia</b> .....	133.3	140.4	140.4	454.9	466.5	467.9	449.1	457.0	456.7
Albany .....	2.5	2.5	2.5	7.4	7.7	7.6	11.8	12.1	11.8
Athens .....	1.8	1.9	1.9	8.1	8.2	8.2	17.8	18.1	18.1
Atlanta .....	86.8	91.6	91.7	273.0	280.9	281.4	177.4	183.0	183.3
Augusta .....	5.1	5.6	5.5	25.4	25.5	25.5	31.8	32.3	32.3
Columbus .....	5.8	5.9	6.0	14.2	14.2	14.1	19.8	20.6	20.8
Macon-Warner Robins .....	6.8	6.8	6.8	19.4	20.3	20.4	32.5	33.2	33.2
Savannah .....	4.1	4.4	4.4	19.9	20.2	20.1	16.5	16.8	16.8
<b>Hawaii</b> .....	32.0	32.2	32.3	111.5	111.8	112.7	94.7	94.8	95.6
Honolulu .....	27.1	27.3	27.5	86.1	88.4	89.3	80.6	80.3	81.1
<b>Idaho</b> .....	23.5	23.4	23.5	64.3	66.1	66.6	70.2	70.8	70.9
Boise City .....	8.1	8.2	8.2	17.0	18.3	18.5	16.1	16.8	16.8
<b>Illinois</b> .....	333.5	337.2	338.3	1,089.2	1,100.4	1,109.6	714.6	694.3	699.1
Aurora-Elgin .....	6.6	6.5	6.6	25.8	26.8	27.0	14.1	14.2	14.2
Bloomington-Normal .....	8.6	8.7	8.7	10.4	10.3	10.4	11.6	12.0	11.8
Champaign-Urbana-Rantoul .....	2.6	2.5	2.5	13.0	12.9	12.9	32.4	33.3	33.6
Chicago .....	238.8	244.9	245.8	729.5	741.7	746.8	351.9	358.6	360.6
Davenport-Rock Island-Moline .....	7.3	7.2	7.2	27.9	28.4	28.3	27.2	27.0	27.0
Decatur .....	2.8	2.6	2.6	9.5	9.8	9.8	5.3	5.4	5.4
Joliet .....	3.6	3.6	3.5	18.1	18.7	18.6	16.1	15.9	16.0
Kankakee .....	1.6	1.6	1.6	7.7	7.9	8.0	6.9	6.4	6.4
Lake County .....	5.5	5.7	5.7	35.1	38.7	39.1	30.2	31.4	31.5
Peoria .....	6.8	6.8	6.8	30.4	30.0	30.5	15.7	15.9	15.8
Rockford .....	4.7	4.8	4.8	22.5	22.7	22.5	11.8	11.9	11.9
Springfield .....	7.7	7.7	7.6	21.4	22.0	22.2	30.7	30.8	31.0
<b>Indiana</b> .....	102.9	107.7	108.5	399.0	416.1	421.5	337.7	345.1	343.7
Anderson .....	1.6	1.6	1.6	8.9	8.8	9.0	5.6	5.7	5.7
Elkhart-Goshen .....	2.3	2.3	2.3	11.5	11.7	11.9	5.2	5.3	5.3
Evansville .....	4.6	4.7	4.7	26.5	27.3	27.8	11.5	11.9	11.9
Fort Wayne .....	10.5	10.9	11.0	31.9	32.7	33.3	17.0	17.4	17.5
Gary-Hammond .....	7.6	7.8	7.8	42.0	42.7	43.0	30.2	31.1	31.0
Indianapolis .....	39.6	40.7	41.0	116.0	122.1	123.5	85.4	87.4	87.4
Lafayette .....	2.6	2.7	2.7	10.1	10.2	10.3	19.8	20.9	20.3
Muncie .....	1.6	1.5	1.5	9.2	9.2	9.4	11.0	11.6	11.1
South Bend-Mishawaka .....	5.0	5.2	5.2	27.2	28.2	28.4	10.9	11.1	11.2
Terre Haute .....	1.7	1.7	1.7	10.5	10.1	10.3	10.6	10.7	10.6
<b>Iowa</b> .....	61.8	63.8	64.1	229.0	231.5	233.0	211.8	214.2	215.1
Cedar Rapids .....	4.8	4.8	4.9	17.0	18.0	18.2	10.2	10.4	10.5
Des Moines .....	24.3	24.9	25.1	45.6	46.0	46.4	29.4	29.1	29.1
Dubuque .....	1.3	( <sup>2</sup> )	( <sup>2</sup> )	11.1	( <sup>2</sup> )	( <sup>2</sup> )	3.6	( <sup>2</sup> )	( <sup>2</sup> )
Iowa City .....	1.3	( <sup>2</sup> )	( <sup>2</sup> )	7.3	( <sup>2</sup> )	( <sup>2</sup> )	25.3	( <sup>2</sup> )	( <sup>2</sup> )
Sioux City .....	2.6	2.6	2.6	11.9	12.5	12.6	6.3	6.3	6.4
Waterloo-Cedar Falls .....	3.1	3.1	3.1	13.4	13.5	13.6	12.4	12.2	12.2
<b>Kansas</b> .....	52.0	53.9	54.0	184.2	187.6	190.3	194.2	200.4	202.1
Lawrence .....	.9	( <sup>2</sup> )	( <sup>2</sup> )	4.8	( <sup>2</sup> )	( <sup>2</sup> )	10.9	( <sup>2</sup> )	( <sup>2</sup> )
Topeka .....	5.8	6.0	6.0	18.0	18.1	18.3	20.8	20.9	21.2
Wichita .....	10.4	10.9	10.9	41.0	41.6	41.9	25.6	25.9	25.9
<b>Kentucky</b> .....	55.4	59.2	59.8	241.2	246.8	250.0	232.1	229.6	230.4
Lexington-Fayette .....	7.9	8.4	8.5	35.9	37.7	38.0	34.0	32.8	34.5
Louisville .....	25.8	27.4	27.7	89.6	93.4	94.6	57.4	59.7	59.6
Owensboro .....	1.2	1.2	1.2	6.8	7.1	7.1	4.8	4.9	4.9
<b>Louisiana</b> .....	84.4	85.2	85.2	316.9	321.7	321.6	326.7	329.0	329.1
Alexandria .....	2.5	( <sup>2</sup> )	( <sup>2</sup> )	9.9	( <sup>2</sup> )	( <sup>2</sup> )	12.9	( <sup>2</sup> )	( <sup>2</sup> )
Baton Rouge .....	13.6	14.1	14.1	40.6	41.4	41.9	55.3	54.5	54.2
Houma-Thibodaux .....	2.6	2.6	2.7	8.9	9.1	9.0	11.3	11.3	11.3
Lafayette .....	4.0	3.8	3.8	19.5	19.6	19.3	13.6	13.9	14.1
Lake Charles .....	2.7	2.7	2.6	10.8	11.0	10.8	10.8	11.0	11.1
Monroe .....	4.2	4.4	4.5	10.9	11.2	11.2	11.2	8.9	9.8
New Orleans .....	33.4	32.5	32.5	133.5	132.3	132.0	89.5	85.8	85.7
Shreveport .....	7.7	8.0	8.0	29.5	29.0	29.6	25.8	26.8	26.9
<b>Maine</b> .....	20.2	21.8	21.8	90.2	92.7	93.3	87.6	89.8	89.7
Lewiston-Auburn .....	1.8	1.9	1.9	9.3	9.4	9.3	3.6	3.8	3.9
Portland .....	9.1	10.0	10.1	23.6	24.7	25.0	14.6	14.7	14.7

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Maryland</b> .....	1,849.1	1,869.3	1,890.3	1.6	1.7	1.7	120.6	120.0	126.3
Baltimore MSA .....	1,008.1	1,011.6	1,020.6	.2	.2	.2	57.2	58.8	61.5
Baltimore City .....	453.6	451.6	454.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.0	17.7	19.1
Suburban Maryland-D.C. ....	649.5	661.5	671.4	.4	.5	.5	51.9	52.5	55.9
<b>Massachusetts</b> .....	2,888.2	2,917.9	2,945.6	1.1	1.2	1.3	94.5	99.2	104.7
Boston .....	1,632.9	1,648.2	1,666.7	.5	.6	.7	50.5	52.9	55.5
Brockton .....	66.0	67.5	68.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	3.1	3.3
Fall River .....	54.3	53.8	54.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.5	1.6
Fitchburg-Leominster .....	39.1	39.6	39.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.8	2.0
Lawrence-Haverhill .....	152.9	162.2	163.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.3	10.7	11.5
Lowell .....	101.8	104.0	104.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	4.0	4.3
New Bedford .....	65.2	65.5	65.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.8	1.9
Pittsfield .....	38.8	39.7	39.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.3	1.3
Springfield .....	222.8	222.8	225.0	.1	.1	.1	6.2	6.7	7.1
Worcester .....	180.4	184.1	185.1	.1	.1	.1	6.3	7.0	7.5
<b>Michigan</b> .....	3,446.1	3,524.2	3,528.7	10.2	10.4	10.4	79.4	89.7	91.5
Ann Arbor .....	150.5	150.7	151.3	.1	( <sup>1</sup> )	( <sup>1</sup> )	2.9	4.2	4.3
Battle Creek .....	53.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.1	( <sup>2</sup> )	( <sup>2</sup> )
Benton Harbor .....	58.4	( <sup>2</sup> )	( <sup>2</sup> )	.1	( <sup>2</sup> )	( <sup>2</sup> )	1.1	( <sup>2</sup> )	( <sup>2</sup> )
Detroit .....	1,719.6	1,768.4	1,769.8	.9	.8	.9	39.9	41.5	42.1
Flint .....	168.4	172.1	173.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	3.6	3.6
Grand Rapids .....	289.7	291.3	292.4	.4	( <sup>1</sup> )	( <sup>1</sup> )	9.3	9.2	9.2
Jackson .....	47.7	( <sup>2</sup> )	( <sup>2</sup> )	.2	( <sup>2</sup> )	( <sup>2</sup> )	.8	( <sup>2</sup> )	( <sup>2</sup> )
Kalamazoo .....	96.0	98.2	98.6	.1	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.3	2.5
Lansing-East Lansing .....	187.2	191.3	194.1	.6	( <sup>1</sup> )	( <sup>1</sup> )	3.3	5.5	6.0
Muskegon .....	54.3	( <sup>2</sup> )	( <sup>2</sup> )	.1	( <sup>2</sup> )	( <sup>2</sup> )	1.7	( <sup>2</sup> )	( <sup>2</sup> )
Saginaw-Bay City-Midland .....	141.9	144.5	143.8	.2	( <sup>1</sup> )	( <sup>1</sup> )	4.3	4.7	4.5
<b>Minnesota</b> .....	1,823.0	1,844.5	1,850.5	8.1	6.4	6.6	54.8	55.7	57.4
Duluth .....	81.0	80.9	81.3	5.1	4.1	4.2	2.0	1.8	2.0
Minneapolis-St. Paul .....	1,192.0	1,210.5	1,211.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	37.9	39.8	40.3
Rochester .....	54.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.5	( <sup>2</sup> )	( <sup>2</sup> )
St. Cloud .....	60.8	63.8	64.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.0	2.1
<b>Mississippi</b> .....	825.9	842.4	846.0	9.0	8.3	7.8	34.1	32.9	34.5
Jackson .....	163.5	166.6	167.4	1.7	1.5	1.4	7.6	7.6	7.7
<b>Missouri</b> .....	2,051.7	2,085.9	2,111.6	6.2	5.5	6.0	83.8	85.5	94.0
Kansas City .....	689.4	691.7	696.1	.5	.5	.4	29.1	25.6	27.4
St. Joseph .....	36.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.3	( <sup>2</sup> )	( <sup>2</sup> )
St. Louis .....	1,045.5	1,062.0	1,070.1	3.7	3.6	3.7	48.4	49.8	52.4
Springfield .....	98.2	99.2	99.9	.1	.1	.1	3.7	4.0	4.2
<b>Montana</b> .....	271.8	270.8	272.4	6.7	7.0	6.6	8.7	8.1	9.5
<b>Nebraska</b> .....	643.5	642.0	648.0	1.7	1.8	1.8	23.8	21.6	23.5
Lincoln .....	104.2	103.7	104.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.3	3.5
Omaha .....	284.2	284.4	286.5	.3	.3	.3	11.1	10.2	11.1
<b>Nevada</b> .....	436.3	448.9	451.2	5.9	6.1	6.2	21.7	22.4	23.0
Las Vegas .....	248.4	257.9	259.3	.3	.3	.3	13.4	14.4	14.6
Reno .....	119.3	121.3	121.8	.7	.6	.6	5.3	5.5	5.6
<b>New Hampshire</b> .....	447.7	471.8	473.9	.4	.4	.4	24.8	32.3	32.2
Manchester .....	77.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.0	( <sup>2</sup> )	( <sup>2</sup> )
Nashua .....	82.3	83.3	83.4	.1	.1	.1	3.2	3.6	3.6
<b>New Jersey</b> .....	3,343.4	3,408.0	3,443.9	1.9	2.1	2.2	127.1	124.4	131.4
Atlantic City .....	137.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	8.0	( <sup>2</sup> )	( <sup>2</sup> )
Bergen-Passaic .....	628.9	635.0	638.9	.2	.3	.3	23.1	23.7	25.3
Camden .....	389.8	398.3	401.2	.1	.1	.1	16.8	16.9	18.2
Jersey City .....	226.1	231.6	232.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.3	5.4	5.6
Middlesex-Somerset-Hunterdon .....	467.5	481.3	484.5	.5	.6	.6	17.9	18.6	19.4
Monmouth-Ocean .....	281.0	290.3	294.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.0	16.1	17.2
Newark .....	925.3	928.3	932.9	.6	.7	.7	28.2	28.7	29.6
Trenton .....	177.9	184.0	184.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.2	3.3
Vineland-Milville-Bridgeton .....	51.8	( <sup>2</sup> )	( <sup>2</sup> )	.3	( <sup>2</sup> )	( <sup>2</sup> )	1.7	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Maryland</b> .....	216.0	209.2	209.3	88.6	88.5	89.3	459.3	463.3	468.1
Baltimore MSA .....	141.1	131.5	131.6	57.9	56.2	56.8	240.3	239.3	240.7
Baltimore City .....	54.2	50.0	50.0	32.6	30.9	31.0	95.6	92.6	92.2
Suburban Maryland-D.C. ....	34.9	35.7	35.9	18.7	18.9	19.0	171.6	172.5	174.0
<b>Massachusetts</b> .....	668.9	645.9	646.2	123.1	126.2	126.1	657.5	672.9	679.3
Boston .....	322.5	308.7	309.2	72.8	74.9	75.1	357.1	365.5	368.5
Brockton .....	11.8	10.9	11.1	4.7	4.8	4.7	19.3	20.1	20.3
Fall River .....	19.2	18.5	18.4	1.7	1.7	1.7	12.5	12.9	13.0
Fitchburg-Leominster .....	14.0	13.6	13.7	1.6	1.7	1.5	9.0	9.2	9.3
Lawrence-Haverhill .....	54.9	55.9	56.0	6.0	6.4	6.5	30.8	33.1	33.5
Lowell .....	40.8	38.5	38.7	3.8	3.9	3.9	20.8	23.0	23.3
New Bedford .....	23.9	22.9	23.0	2.5	2.4	2.5	14.3	14.9	15.1
Pittsfield .....	12.0	11.7	11.7	1.0	1.0	.9	9.7	10.4	10.5
Springfield .....	54.4	52.5	52.2	8.6	8.5	8.6	50.6	51.1	51.8
Worcester .....	47.3	44.9	44.9	7.9	7.7	7.8	42.3	44.3	44.5
<b>Michigan</b> .....	981.2	982.6	977.5	140.6	144.3	144.3	757.4	772.0	776.0
Ann Arbor .....	38.7	33.2	33.0	4.3	4.1	4.2	22.5	24.2	24.4
Battle Creek .....	14.7	( <sup>2</sup> )	( <sup>2</sup> )	1.7	( <sup>2</sup> )	( <sup>2</sup> )	9.8	( <sup>2</sup> )	( <sup>2</sup> )
Benton Harbor .....	20.5	( <sup>2</sup> )	( <sup>2</sup> )	2.5	( <sup>2</sup> )	( <sup>2</sup> )	11.1	( <sup>2</sup> )	( <sup>2</sup> )
Detroit .....	476.5	482.8	477.0	76.8	78.6	79.1	395.0	405.9	408.3
Flint .....	62.8	66.9	67.6	4.7	4.4	4.4	39.5	39.7	40.1
Grand Rapids .....	97.9	98.8	98.7	10.5	10.7	10.6	70.4	70.9	71.6
Jackson .....	12.8	( <sup>2</sup> )	( <sup>2</sup> )	4.4	( <sup>2</sup> )	( <sup>2</sup> )	10.0	( <sup>2</sup> )	( <sup>2</sup> )
Kalamazoo .....	28.9	29.4	29.6	3.1	3.0	3.0	20.2	20.7	20.5
Lansing-East Lansing .....	39.6	38.3	38.6	5.3	4.9	4.9	34.0	33.8	35.9
Muskegon .....	19.4	( <sup>2</sup> )	( <sup>2</sup> )	2.6	( <sup>2</sup> )	( <sup>2</sup> )	11.2	( <sup>2</sup> )	( <sup>2</sup> )
Saginaw-Bay City-Midland .....	46.4	45.2	44.5	7.0	6.9	6.9	31.3	33.4	33.6
<b>Minnesota</b> .....	373.4	365.1	364.5	96.8	97.6	98.0	450.6	454.9	456.1
Duluth .....	6.7	6.6	6.7	5.7	5.4	5.5	21.0	21.2	21.2
Minneapolis-St. Paul .....	259.5	251.6	250.4	66.1	68.6	68.7	289.3	296.4	296.6
Rochester .....	11.0	( <sup>2</sup> )	( <sup>2</sup> )	1.8	( <sup>2</sup> )	( <sup>2</sup> )	11.0	( <sup>2</sup> )	( <sup>2</sup> )
St. Cloud .....	10.4	11.0	11.0	3.6	3.7	3.7	17.4	19.0	19.0
<b>Mississippi</b> .....	218.9	223.1	222.4	38.7	39.1	39.1	172.6	176.9	178.8
Jackson .....	20.3	20.1	20.2	10.7	10.7	10.8	39.0	40.0	40.4
<b>Missouri</b> .....	428.0	426.0	428.0	140.1	143.1	142.1	490.1	507.6	513.1
Kansas City .....	119.8	119.0	118.4	53.0	52.7	52.9	179.2	183.9	185.3
St. Joseph .....	9.1	( <sup>2</sup> )	( <sup>2</sup> )	2.1	( <sup>2</sup> )	( <sup>2</sup> )	8.5	( <sup>2</sup> )	( <sup>2</sup> )
St. Louis .....	222.8	224.5	224.4	72.1	71.5	71.1	247.1	252.1	253.7
Springfield .....	19.6	18.8	18.9	6.3	5.9	5.8	26.8	27.3	27.4
<b>Montana</b> .....	20.6	20.2	20.4	20.5	19.7	19.9	72.5	73.6	73.1
<b>Nebraska</b> .....	89.6	86.8	87.1	43.6	41.9	41.8	164.7	162.7	164.0
Lincoln .....	12.8	12.9	13.0	6.0	5.8	5.7	24.0	23.5	23.5
Omaha .....	34.9	33.8	33.5	23.3	22.4	22.3	71.8	71.0	71.4
<b>Nevada</b> .....	21.7	22.1	22.2	24.7	25.6	25.8	88.1	91.6	91.9
Las Vegas .....	7.6	8.0	8.1	14.0	14.5	14.7	51.1	53.6	53.8
Reno .....	8.5	8.0	8.0	7.9	8.1	8.2	26.4	27.2	27.5
<b>New Hampshire</b> .....	124.0	122.1	121.7	15.3	15.5	15.4	104.9	111.4	112.6
Manchester .....	15.3	( <sup>2</sup> )	( <sup>2</sup> )	4.6	( <sup>2</sup> )	( <sup>2</sup> )	20.3	( <sup>2</sup> )	( <sup>2</sup> )
Nashua .....	37.9	36.8	36.7	2.0	2.2	2.2	16.8	17.0	16.9
<b>New Jersey</b> .....	719.5	716.5	717.7	221.5	226.9	227.7	790.2	802.9	811.2
Atlantic City .....	8.2	( <sup>2</sup> )	( <sup>2</sup> )	5.7	( <sup>2</sup> )	( <sup>2</sup> )	27.5	( <sup>2</sup> )	( <sup>2</sup> )
Bergen-Passaic .....	168.7	165.2	165.8	30.3	31.4	31.2	177.4	177.4	177.5
Camden .....	76.1	77.8	77.5	16.7	17.0	17.4	104.2	105.7	106.7
Jersey City .....	53.3	53.4	53.7	28.2	29.7	30.1	52.6	55.1	55.4
Middlesex-Somerset-Hunterdon .....	114.5	113.8	113.4	36.5	37.2	37.5	113.2	116.1	116.5
Monmouth-Ocean .....	31.8	32.1	31.7	13.5	14.7	14.7	75.0	78.0	79.2
Newark .....	203.0	192.5	192.3	79.1	77.0	77.1	186.3	180.3	191.4
Trenton .....	31.7	33.3	33.4	5.7	5.9	5.9	28.6	30.0	30.1
Vineland-Millville-Bridgeton .....	14.6	( <sup>2</sup> )	( <sup>2</sup> )	2.1	( <sup>2</sup> )	( <sup>2</sup> )	10.2	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Maryland</b> .....	106.1	113.5	114.0	460.5	474.9	481.2	394.4	398.2	400.4
Baltimore MSA .....	64.8	69.5	69.4	243.1	250.6	254.3	203.5	205.5	206.1
Baltimore City .....	41.5	43.6	43.2	124.3	127.7	129.6	87.0	89.1	89.4
Suburban Maryland-D.C. ....	34.3	36.8	37.1	180.1	187.9	190.5	157.6	156.7	158.4
<b>Massachusetts</b> .....	184.9	195.2	196.9	776.0	793.5	806.0	382.2	383.8	385.1
Boston .....	125.2	132.2	133.1	511.2	517.5	528.2	193.1	195.9	196.4
Brockton .....	2.8	3.0	3.0	14.1	14.2	14.6	11.1	11.6	11.7
Fall River .....	2.7	2.7	2.7	10.1	9.9	10.0	6.8	6.6	6.8
Fitchburg-Leominster .....	1.3	1.5	1.5	6.7	7.0	7.0	4.8	4.8	4.9
Lawrence-Haverhill .....	5.1	5.4	5.3	29.1	31.0	31.2	18.7	19.7	19.7
Lowell .....	3.3	3.7	3.7	16.7	17.2	17.4	13.0	13.6	13.4
New Bedford .....	2.2	2.7	2.7	11.0	11.2	11.1	9.5	9.6	9.6
Pittsfield .....	2.0	2.1	2.1	8.3	8.3	8.2	4.6	4.8	4.8
Springfield .....	14.0	14.6	14.7	52.1	52.4	53.4	36.8	36.9	37.1
Worcester .....	11.1	11.6	11.6	42.7	44.6	44.8	22.7	23.9	23.9
<b>Michigan</b> .....	157.8	163.8	164.4	731.0	760.4	761.4	588.5	601.0	603.1
Ann Arbor .....	4.2	4.3	4.3	27.7	30.2	30.4	50.2	50.4	50.7
Battle Creek .....	3.8	( <sup>2</sup> )	( <sup>2</sup> )	10.8	( <sup>2</sup> )	( <sup>2</sup> )	11.4	( <sup>2</sup> )	( <sup>2</sup> )
Benton Harbor .....	2.1	( <sup>2</sup> )	( <sup>2</sup> )	12.7	( <sup>2</sup> )	( <sup>2</sup> )	8.2	( <sup>2</sup> )	( <sup>2</sup> )
Detroit .....	93.1	96.2	96.8	408.9	428.8	430.5	228.5	233.7	235.1
Flint .....	5.8	6.0	6.1	28.7	28.8	29.0	23.3	22.7	22.9
Grand Rapids .....	11.7	12.1	12.1	59.7	59.7	60.1	29.7	29.7	29.8
Jackson .....	1.6	( <sup>2</sup> )	( <sup>2</sup> )	9.2	( <sup>2</sup> )	( <sup>2</sup> )	8.9	( <sup>2</sup> )	( <sup>2</sup> )
Kalamazoo .....	3.8	4.0	4.0	21.2	21.9	22.0	16.4	16.8	16.9
Lansing-East Lansing .....	10.1	10.7	10.8	31.1	33.0	33.2	63.3	64.8	64.3
Muskegon .....	1.3	( <sup>2</sup> )	( <sup>2</sup> )	10.3	( <sup>2</sup> )	( <sup>2</sup> )	7.6	( <sup>2</sup> )	( <sup>2</sup> )
Saginaw-Bay City-Midland .....	5.8	5.9	5.9	27.5	28.6	28.7	19.3	19.6	19.6
<b>Minnesota</b> .....	108.0	112.7	113.2	425.4	435.0	436.8	305.9	317.1	315.9
Duluth .....	3.0	3.0	3.0	19.0	19.4	19.4	18.6	19.3	19.2
Minneapolis-St. Paul .....	82.6	86.9	87.7	290.7	296.2	296.8	165.2	170.2	169.9
Rochester .....	1.5	( <sup>2</sup> )	( <sup>2</sup> )	21.6	( <sup>2</sup> )	( <sup>2</sup> )	5.7	( <sup>2</sup> )	( <sup>2</sup> )
St. Cloud .....	2.1	2.2	2.2	12.8	13.2	13.2	12.0	12.7	12.6
<b>Mississippi</b> .....	35.0	36.2	36.5	128.7	132.4	134.0	189.0	193.6	193.0
Jackson .....	12.7	13.2	13.3	34.0	35.6	35.9	37.4	37.9	37.8
<b>Missouri</b> .....	117.9	121.3	121.9	447.8	458.5	467.2	337.8	338.4	339.3
Kansas City .....	51.7	52.3	52.7	151.3	151.0	152.0	104.8	106.7	106.9
St. Joseph .....	2.0	( <sup>2</sup> )	( <sup>2</sup> )	7.3	( <sup>2</sup> )	( <sup>2</sup> )	5.7	( <sup>2</sup> )	( <sup>2</sup> )
St. Louis .....	63.5	66.4	66.7	250.2	256.0	259.3	137.7	138.1	139.0
Springfield .....	4.5	4.6	4.6	23.7	25.2	25.6	13.3	13.4	13.3
<b>Montana</b> .....	13.2	13.0	13.0	59.5	59.3	59.6	70.1	70.0	70.3
<b>Nebraska</b> .....	44.6	46.0	46.4	139.9	142.4	143.4	135.6	138.9	139.9
Lincoln .....	7.5	7.8	7.8	20.9	21.1	21.4	29.3	29.3	29.5
Omaha .....	26.3	27.1	27.4	73.2	74.6	75.2	43.5	44.9	45.4
<b>Nevada</b> .....	20.9	22.4	22.4	192.0	196.8	197.7	61.3	61.9	62.0
Las Vegas .....	12.5	13.5	13.4	120.0	122.7	123.4	29.5	30.9	31.0
Reno .....	6.3	6.6	6.6	46.5	49.2	49.2	17.7	16.1	16.1
<b>New Hampshire</b> .....	24.3	26.2	26.5	94.6	102.3	103.1	59.4	61.6	62.0
Manchester .....	6.9	( <sup>2</sup> )	( <sup>2</sup> )	16.6	( <sup>2</sup> )	( <sup>2</sup> )	7.5	( <sup>2</sup> )	( <sup>2</sup> )
Nashua .....	2.5	2.7	2.6	14.2	14.8	15.0	5.6	6.1	6.1
<b>New Jersey</b> .....	188.4	195.6	196.8	763.3	795.4	807.8	531.6	544.2	549.1
Atlantic City .....	6.6	( <sup>2</sup> )	( <sup>2</sup> )	57.5	( <sup>2</sup> )	( <sup>2</sup> )	23.6	( <sup>2</sup> )	( <sup>2</sup> )
Bergen-Passaic .....	31.6	33.2	33.2	132.6	136.2	137.8	65.0	67.6	67.8
Camden .....	19.5	20.4	20.5	87.7	90.4	91.2	68.5	70.0	69.6
Jersey City .....	8.6	9.1	9.2	37.7	37.1	37.1	40.4	41.8	41.7
Middlesex-Somerset-Hunterdon .....	27.0	29.1	29.1	88.1	94.2	95.5	69.8	71.7	72.5
Monmouth-Ocean .....	14.1	15.0	15.1	72.9	75.0	77.2	58.4	59.3	59.4
Newark .....	69.9	71.2	71.6	224.9	230.6	232.0	133.4	137.3	138.2
Trenton .....	8.5	9.0	9.0	48.2	49.1	49.4	51.5	53.5	53.7
Vineland-Milville-Bridgeton .....	2.7	( <sup>2</sup> )	( <sup>2</sup> )	9.1	( <sup>2</sup> )	( <sup>2</sup> )	11.1	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>New Mexico</b> .....	513.1	519.1	519.9	21.5	18.2	16.2	36.2	33.8	35.0
Albuquerque .....	216.6	223.5	224.5	.2	.3	.3	17.1	17.6	17.8
Las Cruces .....	36.9	38.1	38.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.6	2.7
Santa Fe .....	48.5	50.3	50.4	.2	.1	.1	3.3	3.1	3.2
<b>New York</b> .....	7,633.9	7,749.8	7,798.7	6.4	5.9	6.2	247.4	265.0	272.4
Albany-Schenectady-Troy .....	375.2	385.5	386.5	.2	.2	.2	12.0	13.6	13.6
Binghamton .....	117.1	118.1	116.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	4.3	4.5
Buffalo .....	406.0	414.8	417.4	.6	.5	.5	11.6	14.0	14.5
Elmira .....	34.3	35.0	35.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	.8	1.0	.9
Glens Falls .....	39.5	40.6	40.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.4	1.4
Monroe County .....	381.1	( <sup>2</sup> )	( <sup>2</sup> )	.3	( <sup>2</sup> )	( <sup>2</sup> )	10.7	( <sup>2</sup> )	( <sup>2</sup> )
Nassau-Suffolk .....	1,049.1	1,072.2	1,085.3	.3	.3	.3	45.6	47.0	49.8
New York PMSA .....	3,954.8	4,003.7	4,033.1	1.9	1.8	1.8	121.3	131.4	134.1
New York City .....	3,462.5	3,505.0	3,530.8	1.4	1.3	1.3	97.8	106.4	107.9
Niagara Falls .....	78.6	76.3	76.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.2	2.2
Orange County .....	89.9	92.5	92.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.5	3.8
Poughkeepsie .....	112.4	114.2	114.2	.2	.2	.2	4.8	5.0	5.2
Rochester .....	442.0	451.6	450.9	.6	.7	.7	12.9	14.0	14.2
Rockland County .....	91.8	93.1	93.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	3.4	3.6
Syracuse .....	281.4	288.4	286.4	.3	.2	.2	13.5	14.4	14.2
Utica-Rome .....	114.5	115.2	115.7	.1	.1	.2	2.4	2.9	3.1
Westchester County .....	385.2	389.6	392.9	.3	.3	.3	19.1	20.4	21.2
<b>North Carolina</b> .....	2,620.9	2,675.1	2,695.6	4.7	4.5	4.6	143.5	150.3	155.8
Asheville .....	73.8	74.8	75.2	.1	.1	.1	3.4	3.4	3.5
Charlotte-Gastonia-Rock Hill .....	515.8	518.1	521.2	.3	.3	.3	28.4	28.5	28.9
Greensboro-Winston-Salem-High Point .....	434.0	440.1	442.7	.3	.4	.4	21.5	22.0	22.6
Raleigh-Durham .....	350.7	360.0	360.3	.3	.3	.3	23.2	24.0	24.6
<b>North Dakota</b> .....	245.1	243.7	244.5	6.7	5.7	5.5	8.7	7.4	7.6
Bismarck .....	35.1	35.1	35.1	.2	.2	.2	1.2	1.1	1.1
Fargo-Moorhead .....	65.0	66.9	66.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.3	2.3
Grand Forks .....	27.6	28.4	28.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	.9	1.2	1.2
<b>Ohio</b> .....	4,282.7	4,387.1	4,421.6	26.0	25.4	25.0	130.0	129.8	135.8
Akron .....	253.4	258.5	260.7	.8	.7	.7	6.4	6.8	7.1
Canton .....	148.4	( <sup>2</sup> )	( <sup>2</sup> )	1.2	( <sup>2</sup> )	( <sup>2</sup> )	4.4	( <sup>2</sup> )	( <sup>2</sup> )
Cincinnati .....	612.7	633.5	638.4	.4	.4	.4	20.9	20.4	21.5
Cleveland .....	851.4	865.1	871.6	1.1	1.1	1.1	24.0	23.8	24.8
Columbus .....	589.5	619.3	624.9	1.0	.9	.9	18.6	19.3	20.4
Dayton-Springfield .....	401.0	409.1	413.5	.3	.3	.3	11.2	11.6	12.8
Toledo .....	259.1	264.5	266.5	.2	.2	.2	7.2	7.5	7.8
Youngstown-Warren .....	180.5	( <sup>2</sup> )	( <sup>2</sup> )	.7	( <sup>2</sup> )	( <sup>2</sup> )	4.9	( <sup>2</sup> )	( <sup>2</sup> )
<b>Oklahoma</b> .....	1,181.1	1,158.3	1,159.8	67.9	59.9	57.9	45.6	42.1	43.4
Enid .....	24.5	( <sup>2</sup> )	( <sup>2</sup> )	1.9	( <sup>2</sup> )	( <sup>2</sup> )	1.0	( <sup>2</sup> )	( <sup>2</sup> )
Lawton .....	33.3	32.9	33.0	.3	.2	.2	1.3	1.2	1.2
Oklahoma City .....	427.6	419.7	420.0	17.8	16.1	15.5	16.3	15.0	15.8
Tulsa .....	302.2	301.0	301.5	20.7	19.8	19.8	13.1	12.8	13.1
<b>Oregon</b> .....	1,008.3	1,024.4	1,029.1	1.4	1.5	1.5	28.7	27.5	27.8
Eugene-Springfield .....	95.2	95.9	96.4	.1	.2	.2	2.5	2.6	2.7
Portland .....	512.6	517.2	520.0	.5	.5	.5	15.8	15.4	15.5
Salem .....	84.9	87.1	88.0	.1	.1	.1	2.5	2.8	2.9
<b>Pennsylvania</b> .....	4,652.0	4,706.9	4,738.1	36.4	34.0	33.8	161.7	162.9	172.0
Allentown-Bethlehem .....	280.2	259.2	259.9	.4	.4	.4	8.3	8.9	9.2
Altoona .....	47.1	48.0	48.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.9	1.8	2.0
Beaver County .....	53.2	51.6	51.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.1	4.1	4.2
Delaware Valley .....	1,828.4	1,655.9	1,664.6	1.1	1.0	1.0	57.8	58.3	61.3
Erie .....	107.4	108.1	108.1	.2	.2	.2	2.3	2.6	2.6
Harrisburg-Lebanon-Carlisle .....	269.6	275.5	277.4	.3	.3	.3	9.1	8.8	9.1
Johnstown .....	73.6	74.0	74.9	5.0	3.6	3.6	1.7	1.9	2.0
Lancaster .....	162.5	166.6	168.6	.3	.3	.3	7.5	8.1	8.4
Philadelphia PMSA .....	2,016.8	2,054.1	2,068.0	1.2	1.1	1.1	74.6	75.2	79.5
Philadelphia City .....	751.7	753.6	757.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	16.1	17.1	18.6
Pittsburgh .....	826.9	841.3	846.9	6.7	7.1	7.1	33.9	33.1	35.6

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>
<b>New Mexico</b> .....	36.6	36.9	36.6	30.3	29.0	29.1	117.9	124.0	125.2
Albuquerque .....	19.2	19.4	19.4	12.0	12.1	12.2	54.2	56.8	57.0
Las Cruces .....	3.4	3.1	3.1	1.4	1.4	1.4	7.3	7.8	7.9
Santa Fe .....	1.5	1.6	1.6	1.1	1.2	1.2	8.5	9.6	9.6
<b>New York</b> .....	1,304.1	1,265.6	1,270.8	411.8	406.4	405.6	1,589.3	1,621.4	1,632.4
Albany-Schenectady-Troy .....	52.0	50.7	50.7	16.6	16.1	16.1	78.5	81.6	81.9
Binghamton .....	40.7	37.9	37.9	4.1	4.1	4.1	22.7	23.8	23.7
Buffalo .....	78.8	76.7	77.0	21.3	20.7	20.9	98.9	103.5	104.1
Elmira .....	7.3	7.1	7.1	1.4	1.3	1.3	9.3	9.8	9.9
Glens Falls .....	10.0	9.7	9.8	1.3	1.3	1.3	8.6	9.0	9.0
Monroe County .....	127.3	( <sup>a</sup> )	( <sup>a</sup> )	11.0	( <sup>a</sup> )	( <sup>a</sup> )	71.0	( <sup>a</sup> )	( <sup>a</sup> )
Nassau-Suffolk .....	179.9	181.2	181.6	46.1	46.2	46.8	277.7	285.1	289.2
New York PMSA .....	503.1	482.9	487.9	254.6	251.6	249.3	753.4	759.4	764.6
New York City .....	416.1	397.2	402.1	229.3	226.5	224.2	635.5	639.5	644.1
Niagara Falls .....	24.9	24.0	23.8	3.2	3.3	3.3	17.2	17.2	17.5
Orange County .....	15.0	15.0	14.9	5.5	5.4	5.4	22.5	24.0	24.2
Poughkeepsie .....	34.7	33.6	33.5	3.2	3.2	3.2	19.1	20.0	20.2
Rochester .....	147.2	143.5	143.6	13.5	13.4	13.4	88.9	92.7	93.0
Rockland County .....	16.1	15.8	15.8	4.1	4.0	4.0	21.3	21.8	21.9
Syracuse .....	58.6	56.3	55.8	15.5	15.8	16.0	63.4	65.9	66.0
Utica-Rome .....	26.0	24.9	25.0	4.5	4.6	4.5	23.6	24.3	24.4
Westchester County .....	69.2	68.1	68.2	20.7	20.4	20.4	92.7	94.2	94.8
<b>North Carolina</b> .....	825.3	824.3	823.9	127.6	128.9	130.5	565.2	580.4	588.7
Asheville .....	20.7	21.2	20.9	3.4	3.7	3.6	16.7	16.6	16.9
Charlotte-Gastonia-Rock Hill .....	149.3	145.0	146.0	43.3	44.9	45.2	121.2	122.4	122.9
Greensboro-Winston-Salem-High Point .....	153.7	152.2	152.0	23.8	24.6	24.8	93.4	95.0	96.2
Raleigh-Durham .....	58.4	59.4	58.9	16.5	16.8	16.9	71.0	74.1	74.5
<b>North Dakota</b> .....	14.8	15.2	15.3	16.1	15.7	15.6	65.8	65.1	65.6
Bismarck .....	1.9	1.9	1.8	2.8	2.7	2.7	9.2	9.3	9.4
Fargo-Moorhead .....	4.8	4.7	4.7	3.8	4.0	3.8	19.3	19.9	20.0
Grand Forks .....	1.3	1.6	1.6	1.4	1.4	1.4	8.0	7.9	7.9
<b>Ohio</b> .....	1,124.2	1,114.2	1,113.3	199.3	199.4	200.5	993.6	1,039.7	1,052.9
Akron .....	68.3	66.5	66.6	12.8	12.9	13.0	60.7	63.1	63.9
Canton .....	46.2	( <sup>a</sup> )	( <sup>a</sup> )	5.9	( <sup>a</sup> )	( <sup>a</sup> )	35.1	( <sup>a</sup> )	( <sup>a</sup> )
Cincinnati .....	145.2	148.3	147.5	33.3	33.3	33.5	155.0	161.3	162.8
Cleveland .....	212.3	205.3	205.3	40.1	41.2	41.5	202.9	208.1	209.7
Columbus .....	105.2	106.3	105.8	25.8	25.8	25.8	145.2	155.0	157.4
Dayton-Springfield .....	106.3	105.5	105.5	14.1	14.5	14.7	86.5	90.5	91.7
Toledo .....	65.0	63.3	63.2	13.7	13.5	13.6	62.6	64.6	65.4
Youngstown-Warren .....	53.0	( <sup>a</sup> )	( <sup>a</sup> )	7.4	( <sup>a</sup> )	( <sup>a</sup> )	43.2	( <sup>a</sup> )	( <sup>a</sup> )
<b>Oklahoma</b> .....	174.4	165.7	163.3	64.5	62.5	62.3	284.9	282.5	285.6
Enid .....	1.9	( <sup>a</sup> )	( <sup>a</sup> )	2.5	( <sup>a</sup> )	( <sup>a</sup> )	6.9	( <sup>a</sup> )	( <sup>a</sup> )
Lawton .....	3.5	3.5	3.5	1.3	1.2	1.2	8.8	8.7	8.8
Oklahoma City .....	53.1	51.0	51.0	21.6	21.4	21.2	108.1	105.5	105.7
Tulsa .....	52.9	52.6	52.3	21.3	21.2	21.3	72.4	73.5	73.3
<b>Oregon</b> .....	192.9	193.0	193.3	58.7	58.0	57.9	251.0	255.4	256.6
Eugene-Springfield .....	18.1	17.4	17.3	4.4	4.2	4.0	23.9	24.1	24.2
Portland .....	91.4	91.5	91.3	33.7	34.4	34.3	135.7	136.1	137.6
Salem .....	11.1	10.9	10.8	2.4	2.6	2.6	19.4	20.0	20.5
<b>Pennsylvania</b> .....	1,097.8	1,057.4	1,055.7	238.8	234.9	235.4	1,032.9	1,072.6	1,080.4
Allentown-Bethlehem .....	89.8	81.9	81.1	13.8	13.5	13.8	53.1	55.9	56.2
Altoona .....	11.0	10.8	10.9	4.7	4.5	4.5	11.9	12.6	12.7
Beaver County .....	14.9	11.7	11.6	5.0	4.9	4.9	10.8	11.0	10.9
Delaware Valley .....	322.6	318.3	318.1	77.1	76.7	76.2	359.1	372.4	376.1
Erie .....	36.4	35.0	34.7	4.1	4.2	4.1	22.5	23.0	23.2
Harrisburg-Lebanon-Carlisle .....	51.5	50.9	50.6	17.7	17.5	17.3	59.0	61.9	62.1
Johnstown .....	12.2	12.1	12.3	5.0	5.0	5.0	15.7	16.0	16.3
Lancaster .....	57.7	57.9	58.0	6.8	6.5	6.7	38.4	40.0	40.7
Philadelphia PMSA .....	398.6	396.0	395.7	93.9	93.7	93.6	463.4	478.1	482.8
Philadelphia City .....	105.4	101.5	101.7	45.1	43.8	43.6	142.8	144.6	146.3
Pittsburgh .....	140.1	135.0	134.1	46.0	45.0	45.2	205.5	212.6	214.2

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>
<b>New Mexico</b> .....	25.2	25.8	26.1	110.5	115.1	115.8	134.9	136.3	135.9
Albuquerque .....	13.2	13.4	13.4	56.2	58.8	59.0	44.5	45.1	45.4
Las Cruces .....	1.5	1.6	1.6	5.1	5.5	5.5	15.6	16.1	16.1
Santa Fe .....	1.9	2.0	2.0	11.9	12.2	12.3	20.1	20.5	20.4
<b>New York</b> .....	709.5	724.3	727.6	2,010.3	2,081.1	2,095.5	1,355.0	1,380.0	1,388.3
Albany-Schenectady-Troy .....	19.1	19.9	20.0	90.3	93.9	94.2	106.5	109.5	109.8
Binghamton .....	3.7	3.7	3.7	20.9	21.3	21.3	20.9	21.0	21.3
Buffalo .....	22.2	22.7	22.8	100.9	104.2	104.7	71.7	72.5	73.0
Elmira .....	1.1	1.2	1.2	8.1	8.5	8.5	6.3	6.3	6.4
Glens Falls .....	1.8	1.8	1.8	8.0	8.3	8.1	8.5	8.9	8.9
Monroe County .....	17.2	( <sup>a</sup> )	( <sup>a</sup> )	83.7	( <sup>a</sup> )	( <sup>a</sup> )	40.0	( <sup>a</sup> )	( <sup>a</sup> )
Nassau-Suffolk .....	63.6	66.3	66.7	258.2	265.7	270.1	177.7	180.5	180.7
New York PMSA .....	528.7	538.9	541.2	1,161.8	1,193.3	1,203.2	630.0	644.4	651.1
New York City .....	500.9	510.4	512.4	1,031.2	1,059.8	1,068.2	550.3	563.9	570.5
Niagara Falls .....	1.9	1.9	1.9	14.9	15.3	15.5	12.3	12.2	12.3
Orange County .....	3.4	3.5	3.5	18.9	19.2	19.3	21.4	21.8	21.9
Poughkeepsie .....	3.4	3.6	3.6	23.2	24.2	24.1	23.8	24.4	24.3
Rochester .....	19.0	19.5	19.7	97.2	103.1	102.3	62.6	64.6	64.1
Rockland County .....	3.5	3.7	3.7	22.0	23.0	23.0	21.1	21.0	21.1
Syracuse .....	18.3	18.7	18.7	63.6	68.3	66.7	48.3	48.8	48.9
Utica-Rome .....	6.0	6.2	6.1	23.2	23.6	23.7	28.7	28.7	28.8
Westchester County .....	23.7	24.3	24.4	104.6	106.2	107.8	54.9	55.7	55.8
<b>North Carolina</b> .....	106.0	111.6	112.4	417.3	437.9	443.1	431.4	437.2	436.6
Asheville .....	2.5	2.5	2.5	14.7	15.2	15.5	12.2	12.1	12.1
Charlotte-Gastonia-Rock Hill .....	28.0	29.1	29.3	88.3	89.1	89.5	56.9	58.8	59.2
Greensboro-Winston-Salem-High Point .....	20.4	20.9	21.1	70.5	73.1	73.5	50.4	51.9	52.2
Raleigh-Durham .....	18.0	19.8	20.0	78.4	80.9	81.1	84.9	84.6	83.9
<b>North Dakota</b> .....	12.3	12.3	12.4	56.9	57.9	58.1	63.8	64.4	64.4
Bismarck .....	1.7	1.7	1.7	9.9	10.1	10.1	8.2	8.1	8.1
Fargo-Moorhead .....	4.2	4.3	4.3	16.9	17.7	17.8	13.6	14.0	13.6
Grand Forks .....	1.1	1.1	1.1	5.9	6.1	6.1	9.0	9.1	9.3
<b>Ohio</b> .....	214.1	222.0	223.0	920.0	972.0	982.4	675.7	684.7	688.8
Akron .....	9.3	9.9	9.9	51.9	54.8	55.3	43.0	43.9	44.3
Canton .....	6.0	( <sup>a</sup> )	( <sup>a</sup> )	31.6	( <sup>a</sup> )	( <sup>a</sup> )	18.1	( <sup>a</sup> )	( <sup>a</sup> )
Cincinnati .....	34.5	36.1	36.3	141.9	149.9	151.9	81.6	83.9	84.4
Cleveland .....	48.7	50.0	50.0	206.8	219.3	222.2	115.5	116.3	117.0
Columbus .....	48.1	50.5	50.8	131.6	144.9	146.5	114.2	116.7	117.4
Dayton-Springfield .....	16.4	16.6	16.7	93.2	97.0	98.0	73.0	73.1	73.9
Toledo .....	9.8	10.8	10.8	59.5	62.6	63.3	41.1	42.0	42.1
Youngstown-Warren .....	7.2	( <sup>a</sup> )	( <sup>a</sup> )	40.3	( <sup>a</sup> )	( <sup>a</sup> )	23.8	( <sup>a</sup> )	( <sup>a</sup> )
<b>Oklahoma</b> .....	63.2	63.7	63.6	224.7	226.1	228.5	255.9	255.8	255.2
Enid .....	1.3	( <sup>a</sup> )	( <sup>a</sup> )	5.2	( <sup>a</sup> )	( <sup>a</sup> )	3.8	( <sup>a</sup> )	( <sup>a</sup> )
Lawton .....	1.5	1.5	1.5	5.1	5.2	5.2	11.5	11.4	11.4
Oklahoma City .....	27.0	26.8	26.8	85.7	84.5	85.0	98.0	99.4	99.2
Tulsa .....	17.2	17.1	17.1	69.4	69.1	69.6	35.2	34.9	35.0
<b>Oregon</b> .....	65.0	66.4	66.7	211.3	218.0	219.6	201.3	204.6	205.7
Eugene-Springfield .....	4.4	4.5	4.5	19.9	20.8	21.3	21.9	22.1	22.2
Portland .....	41.3	42.1	42.2	118.7	121.4	122.5	75.5	75.8	76.1
Salem .....	5.0	5.1	5.1	16.0	17.2	17.4	28.4	28.4	28.6
<b>Pennsylvania</b> .....	256.2	265.7	267.3	1,142.4	1,189.0	1,201.2	685.8	690.4	692.3
Allentown-Bethlehem .....	10.0	10.1	10.1	55.9	59.6	60.1	28.9	28.9	29.0
Altoona .....	1.4	1.4	1.4	9.3	9.8	10.1	6.9	7.1	7.0
Beaver County .....	1.8	1.8	1.8	10.4	10.8	10.9	7.2	7.3	7.3
Delaware Valley .....	118.7	122.5	122.7	465.4	482.1	483.6	226.6	224.6	225.6
Erie .....	4.9	5.0	5.0	23.9	24.9	25.0	13.1	13.2	13.3
Harrisburg-Lebanon-Carlisle .....	14.8	15.3	15.7	53.4	55.8	57.0	63.8	65.0	65.3
Johnstown .....	4.0	4.5	4.5	17.7	18.3	18.5	12.3	12.6	12.7
Lancaster .....	5.8	6.2	6.2	30.9	32.4	32.9	15.1	15.2	15.4
Philadelphia PMSA .....	138.2	142.9	143.3	551.8	572.5	574.8	295.1	294.6	295.2
Philadelphia City .....	65.8	66.6	66.8	236.8	242.0	242.5	139.7	138.0	137.8
Pittsburgh .....	49.0	50.4	50.6	238.9	249.5	250.9	106.8	106.6	109.2

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Pennsylvania—Continued</b>									
Reading .....	141.1	140.8	141.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	5.2	5.4
Scranton-Wilkes-Barre .....	269.8	273.4	274.5	0.9	0.8	0.8	8.8	8.7	8.9
Sharon .....	39.2	39.5	40.2	.2	.2	.2	.7	.9	.9
State College .....	49.1	50.5	50.7	.3	.3	.3	1.2	1.3	1.3
Williamsport .....	43.9	45.6	45.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.4	1.5
York .....	158.3	180.8	181.3	.4	.4	.4	7.0	7.1	7.4
<b>Rhode Island</b> .....	417.8	421.0	422.2	.1	.1	.1	12.5	13.2	13.6
Pawtucket-Woonsocket-Attleboro .....	122.7	127.5	127.8	.1	.1	.1	3.2	3.5	3.7
Providence .....	296.2	298.9	299.6	.1	.1	.1	9.6	9.7	9.9
<b>South Carolina</b> .....	1,278.5	1,313.8	1,327.4	1.8	1.7	1.7	81.0	83.7	86.8
Charleston .....	170.4	172.5	174.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.7	12.8	13.0
Columbia .....	204.0	210.2	211.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.9	12.9	13.1
Greenville-Spartanburg .....	281.8	288.5	289.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.6	19.3	19.5
<b>South Dakota</b> .....	243.6	242.0	243.9	2.4	2.1	2.2	7.3	6.9	7.4
Rapid City .....	31.9	31.7	31.9	.2	.2	.2	1.7	1.3	1.3
Sioux Falls .....	80.9	80.5	81.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.0	2.3
<b>Tennessee</b> .....	1,831.0	1,878.9	1,900.5	7.7	6.8	6.8	77.4	77.3	82.8
Chattanooga .....	173.1	177.3	179.4	.9	.9	.9	6.2	5.8	6.9
Johnson City-Kingsport-Bristol .....	149.2	151.3	152.3	.1	.1	.1	5.4	5.4	5.7
Knoxville .....	231.6	228.0	229.4	2.0	1.8	1.5	10.4	10.8	11.1
Memphis .....	382.3	380.8	383.1	.1	.1	.1	17.0	16.6	16.6
Nashville .....	423.0	426.5	428.9	.5	.6	.8	23.1	24.8	26.5
<b>Texas</b> .....	6,630.2	6,709.0	6,714.1	264.7	243.2	233.2	440.0	438.2	442.2
Abilene .....	53.8	54.2	53.8	4.0	3.9	3.7	2.9	2.9	2.9
Amarillo .....	80.0	80.6	81.0	1.8	1.5	1.5	4.7	3.6	3.9
Austin .....	353.2	368.4	369.2	1.1	1.1	1.1	27.4	26.5	28.0
Beaumont-Port Arthur .....	138.6	132.2	132.0	2.7	2.2	1.9	9.7	8.4	8.6
Brazoria .....	59.6	58.8	59.1	2.1	1.8	1.9	6.3	6.3	6.5
Brownsville-Harlingen .....	64.7	64.9	65.5	.1	.1	.1	3.5	3.4	3.4
Bryan-College Station .....	49.3	( <sup>2</sup> )	( <sup>2</sup> )	1.3	( <sup>2</sup> )	( <sup>2</sup> )	3.1	( <sup>2</sup> )	( <sup>2</sup> )
Corpus Christi .....	135.2	135.9	135.7	8.0	6.9	6.9	10.8	11.1	11.4
Dallas .....	1,304.9	1,332.7	1,343.6	23.8	24.1	23.4	84.3	84.6	85.2
El Paso .....	175.4	177.2	177.2	.3	.4	.4	9.1	9.1	9.2
Ft. Worth-Arlington .....	494.7	507.7	511.4	4.4	4.3	4.3	32.9	31.6	32.7
Galveston-Texas City .....	71.8	71.4	72.3	.8	.7	.6	3.2	2.7	2.8
Houston .....	1,474.5	1,492.7	1,488.9	91.5	89.9	86.8	106.3	100.8	100.6
Killeen-Temple .....	65.0	66.9	67.2	.1	.1	.1	3.8	3.6	3.7
Laredo .....	33.6	( <sup>2</sup> )	( <sup>2</sup> )	1.9	( <sup>2</sup> )	( <sup>2</sup> )	1.3	( <sup>2</sup> )	( <sup>2</sup> )
Longview-Marshall .....	68.0	68.9	68.7	4.6	4.5	4.5	3.6	3.4	3.4
Lubbock .....	90.1	91.4	91.8	.6	.4	.4	4.0	4.4	4.6
McAllen-Edinburg-Mission .....	84.6	86.1	87.1	1.6	1.4	1.3	4.5	4.5	4.6
Midland .....	50.1	48.9	48.2	11.9	10.8	10.5	2.3	2.3	2.3
Odessa .....	52.5	51.0	50.3	9.0	8.4	8.0	3.4	2.7	2.6
San Angelo .....	37.3	( <sup>2</sup> )	( <sup>2</sup> )	.9	( <sup>2</sup> )	( <sup>2</sup> )	2.2	( <sup>2</sup> )	( <sup>2</sup> )
San Antonio .....	478.8	485.6	488.0	3.4	3.2	3.2	36.7	35.8	38.1
Sherman-Denison .....	37.2	( <sup>2</sup> )	( <sup>2</sup> )	.3	( <sup>2</sup> )	( <sup>2</sup> )	1.6	( <sup>2</sup> )	( <sup>2</sup> )
Texarkana .....	45.1	( <sup>2</sup> )	( <sup>2</sup> )	.1	( <sup>2</sup> )	( <sup>2</sup> )	2.1	( <sup>2</sup> )	( <sup>2</sup> )
Tyler .....	62.1	63.4	63.4	3.2	2.6	2.5	2.9	2.8	2.9
Victoria .....	29.8	( <sup>2</sup> )	( <sup>2</sup> )	3.2	( <sup>2</sup> )	( <sup>2</sup> )	2.4	( <sup>2</sup> )	( <sup>2</sup> )
Waco .....	77.7	79.4	79.4	.2	.2	.2	4.2	4.6	4.6
Wichita Falls .....	51.1	( <sup>2</sup> )	( <sup>2</sup> )	3.0	( <sup>2</sup> )	( <sup>2</sup> )	2.0	( <sup>2</sup> )	( <sup>2</sup> )
<b>Utah</b> .....	614.3	629.4	634.0	10.8	8.6	8.5	31.1	30.9	31.7
Provo-Orem .....	70.6	71.1	72.0	.1	.1	.1	2.8	2.9	3.0
Salt Lake City-Ogden .....	426.1	437.7	441.1	3.4	2.0	2.0	20.9	21.0	21.3
<b>Vermont</b> .....	218.8	229.8	229.0	.4	.3	.4	10.3	13.0	12.7
Burlington .....	66.5	68.2	68.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.9	3.9
Springfield .....	13.4	13.8	13.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	.8	.9	.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>
<b>Pennsylvania—Continued</b>									
Reading .....	51.6	48.5	47.8	5.9	6.0	6.1	28.7	29.8	29.9
Scranton-Wilkes-Barre .....	74.0	72.3	72.3	14.2	14.7	14.7	58.0	60.3	60.5
Sharon .....	10.4	9.7	10.2	2.1	2.0	2.0	9.2	9.8	9.9
State College .....	7.8	7.8	7.9	1.2	1.2	1.2	8.7	9.0	9.2
Williamsport .....	14.1	14.6	14.7	1.9	1.8	1.8	9.4	10.0	10.1
York .....	58.7	57.7	57.5	6.9	6.9	6.9	36.8	37.6	38.1
<b>Rhode Island</b>									
Providence .....	118.6	119.7	119.5	13.4	13.6	13.6	89.7	90.4	91.0
Pawtucket-Woonsocket-Attleboro .....	54.0	55.9	55.6	3.4	3.5	3.5	27.5	28.5	28.7
Providence .....	75.6	76.6	76.5	10.4	10.3	10.3	61.7	63.8	64.1
<b>South Carolina</b>									
Greenville-Spartanburg .....	366.5	362.1	361.9	55.5	55.8	56.1	266.8	281.4	285.7
Charleston .....	20.0	19.4	19.4	8.6	9.0	9.1	40.8	41.0	41.4
Columbia .....	28.2	27.7	27.4	9.1	9.7	9.7	43.5	45.9	46.2
Greenville-Spartanburg .....	98.0	95.5	95.7	10.0	10.1	10.2	63.0	65.6	65.4
<b>South Dakota</b>									
Rapid City .....	28.1	27.1	27.1	12.7	12.5	12.5	63.5	62.7	63.1
Rapid City .....	3.7	3.5	3.5	1.9	1.9	1.8	9.0	8.8	8.8
Sioux Falls .....	8.2	8.0	7.8	4.6	4.4	4.5	16.6	16.1	18.1
<b>Tennessee</b>									
Nashville .....	493.3	483.0	483.0	90.3	90.5	90.2	421.0	449.5	458.5
Chattanooga .....	43.9	43.2	44.0	8.1	8.1	8.1	39.6	39.3	39.4
Johnson City-Kingsport-Bristol .....	52.4	51.5	51.3	5.8	5.4	5.5	32.5	32.9	33.1
Knoxville .....	51.3	48.5	48.4	8.7	8.8	8.6	54.9	53.1	53.6
Memphis .....	52.8	49.8	50.0	32.1	32.9	33.1	106.4	102.8	103.8
Nashville .....	90.1	90.4	90.0	22.5	20.3	20.4	101.4	101.8	103.3
<b>Texas</b>									
Dallas .....	1,006.8	988.6	985.0	380.3	380.2	378.1	1,673.9	1,899.0	1,702.6
Arlington .....	5.4	5.4	5.4	2.7	2.8	2.7	14.4	14.4	14.3
Amarillo .....	9.9	10.1	10.0	6.4	6.2	6.0	23.3	24.4	24.5
Austin .....	42.3	40.9	40.9	10.1	11.3	11.4	77.5	81.8	82.1
Beaumont-Port Arthur .....	28.7	26.3	26.1	10.7	10.0	10.1	32.9	32.5	32.5
Brazoria .....	17.0	16.2	16.1	2.4	2.0	2.0	11.0	11.2	11.3
Brownsville-Harlingen .....	9.5	8.5	9.0	3.4	3.3	3.3	18.3	18.6	18.6
Bryan-College Station .....	3.6	( <sup>2</sup> )	( <sup>2</sup> )	1.5	( <sup>2</sup> )	( <sup>2</sup> )	10.5	( <sup>2</sup> )	( <sup>2</sup> )
Corpus Christi .....	13.3	12.5	12.5	7.5	7.7	7.6	33.9	34.7	34.3
Dallas .....	233.2	232.9	234.6	82.0	85.4	85.7	345.6	354.0	355.8
El Paso .....	36.0	34.6	34.7	9.7	9.3	9.2	43.4	44.3	44.2
Ft. Worth-Arlington .....	112.0	116.7	116.7	25.6	27.3	27.2	131.6	136.3	136.9
Galveston-Texas City .....	10.2	10.0	10.0	5.8	5.5	5.5	13.7	13.4	13.6
Houston .....	173.7	168.9	167.5	100.2	100.4	100.4	376.9	375.0	372.4
Killeen-Temple .....	8.5	8.7	8.8	2.9	2.8	2.8	15.9	16.0	16.1
Laredo .....	1.7	( <sup>2</sup> )	( <sup>2</sup> )	3.6	( <sup>2</sup> )	( <sup>2</sup> )	10.2	( <sup>2</sup> )	( <sup>2</sup> )
Longview-Marshall .....	15.8	16.2	16.2	3.9	3.7	3.5	17.4	17.6	17.7
Lubbock .....	8.3	6.9	7.1	4.6	4.7	4.5	26.1	27.6	27.7
McAllen-Edinburg-Mission .....	11.7	11.8	11.9	2.6	2.6	2.6	26.2	26.8	27.5
Midland .....	3.9	3.8	3.7	2.5	2.4	2.3	11.1	11.1	11.0
Odessa .....	5.2	5.1	4.9	2.7	2.6	2.5	14.8	14.4	14.5
San Angelo .....	5.6	( <sup>2</sup> )	( <sup>2</sup> )	3.1	( <sup>2</sup> )	( <sup>2</sup> )	9.4	( <sup>2</sup> )	( <sup>2</sup> )
San Antonio .....	52.0	48.6	48.8	18.8	18.9	18.8	121.6	125.2	125.8
Sherman-Denison .....	12.0	( <sup>2</sup> )	( <sup>2</sup> )	2.0	( <sup>2</sup> )	( <sup>2</sup> )	8.1	( <sup>2</sup> )	( <sup>2</sup> )
Texarkana .....	7.5	( <sup>2</sup> )	( <sup>2</sup> )	2.0	( <sup>2</sup> )	( <sup>2</sup> )	10.8	( <sup>2</sup> )	( <sup>2</sup> )
Tyler .....	12.2	11.4	11.4	2.8	3.1	3.1	16.9	17.3	17.3
Victoria .....	3.1	( <sup>2</sup> )	( <sup>2</sup> )	1.6	( <sup>2</sup> )	( <sup>2</sup> )	8.1	( <sup>2</sup> )	( <sup>2</sup> )
Waco .....	16.0	16.9	16.8	3.5	3.5	3.5	19.0	18.6	18.7
Wichita Falls .....	8.6	( <sup>2</sup> )	( <sup>2</sup> )	2.7	( <sup>2</sup> )	( <sup>2</sup> )	12.5	( <sup>2</sup> )	( <sup>2</sup> )
<b>Utah</b>									
Provo-Orem .....	93.6	92.5	92.3	36.5	37.0	37.3	143.4	148.4	149.3
Provo-Orem .....	11.7	11.3	11.4	2.2	2.2	2.3	14.3	14.8	14.8
Salt Lake City-Ogden .....	63.5	62.9	63.0	28.7	28.5	28.7	105.1	108.4	109.0
<b>Vermont</b>									
Burlington .....	49.2	48.9	48.7	9.1	9.6	9.6	48.3	50.9	50.9
Burlington .....	16.6	16.3	16.2	2.5	2.7	2.7	15.2	15.9	15.8
Springfield .....	4.1	3.7	3.7	.6	.6	.6	2.3	2.5	2.6

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1985	Feb. 1988	Mar. 1988 <sup>P</sup>	Mar. 1985	Feb. 1988	Mar. 1988 <sup>P</sup>	Mar. 1985	Feb. 1988	Mar. 1988 <sup>P</sup>
<b>Pennsylvania—Continued</b>									
Reading .....	8.9	7.2	7.4	28.4	27.3	27.8	18.6	18.8	18.9
Scranton—Wilkes-Barre .....	11.1	11.7	11.8	81.1	83.3	84.1	41.7	41.8	41.8
Sharon .....	1.3	1.3	1.3	10.0	10.3	10.4	5.3	5.3	5.3
State College .....	1.4	1.4	1.4	7.8	8.3	8.4	20.7	21.2	21.0
Williamsport .....	2.2	2.2	2.2	8.7	9.1	9.2	6.3	6.5	6.4
York .....	4.3	4.8	4.6	26.3	28.3	28.4	17.9	18.0	18.0
<b>Rhode Island</b>									
Pawtucket—Woonsocket—Attleboro .....	3.2	3.3	3.4	21.5	22.8	22.7	9.8	10.1	10.1
Providence .....	19.5	19.5	19.6	75.4	75.9	76.2	43.9	43.0	42.9
<b>South Carolina</b>									
Charleston .....	7.8	7.9	7.9	31.8	33.5	34.3	48.6	48.8	49.1
Columbia .....	16.4	17.6	17.8	36.5	38.2	38.4	58.1	57.9	58.5
Greenville—Spartanburg .....	10.9	11.1	11.1	44.0	47.0	47.3	37.0	39.8	39.7
<b>South Dakota</b>									
Rapid City .....	1.6	1.7	1.7	7.8	7.8	7.9	8.2	6.8	6.7
Sioux Falls .....	5.7	5.7	5.8	16.2	16.8	17.1	7.3	7.4	7.4
<b>Tennessee</b>									
Chattanooga .....	10.1	10.8	10.8	33.1	39.4	39.2	31.2	29.8	30.1
Johnson City—Kingsport—Bristol .....	4.8	4.7	4.7	24.7	24.4	24.9	23.8	28.9	27.0
Knoxville .....	8.7	8.4	8.4	48.4	48.8	49.4	47.2	48.2	48.4
Memphis .....	21.7	23.1	23.1	86.4	86.7	86.8	65.8	68.8	69.6
Nashville .....	27.9	29.6	29.5	95.1	95.1	94.3	82.4	63.9	64.1
<b>Texas</b>									
Abilene .....	2.8	2.8	2.8	13.4	13.8	13.8	8.2	8.2	8.2
Amarillo .....	4.5	4.3	4.4	15.5	15.9	16.1	13.9	14.6	14.8
Austin .....	23.6	25.3	25.4	77.9	84.3	84.8	93.3	97.2	97.5
Beaumont—Port Arthur .....	5.8	5.5	5.5	27.9	27.3	27.2	20.2	20.0	20.1
Brazoria .....	2.3	2.3	2.3	8.1	8.1	8.2	10.4	10.9	10.8
Brownsville—Harlingen .....	3.4	3.5	3.5	11.8	12.8	12.8	14.7	14.9	14.8
Bryan—College Station .....	2.1	( <sup>2</sup> )	( <sup>2</sup> )	7.3	( <sup>2</sup> )	( <sup>2</sup> )	19.9	( <sup>2</sup> )	( <sup>2</sup> )
Corpus Christi .....	6.9	6.9	6.9	27.4	28.1	28.0	27.4	28.0	28.1
Dallas .....	125.2	128.6	131.1	275.8	280.9	284.5	135.0	142.2	143.3
El Paso .....	9.0	9.3	9.3	31.4	33.8	33.7	36.5	36.4	36.5
Ft. Worth—Arlington .....	27.4	27.7	27.9	100.2	102.0	103.8	60.6	61.8	61.9
Galveston—Texas City .....	4.5	4.6	4.7	12.6	12.5	13.0	21.0	22.0	22.1
Houston .....	106.2	112.2	112.0	339.6	353.7	356.4	180.1	191.8	192.8
Killeen—Temple .....	2.8	2.9	3.0	12.3	13.2	13.1	18.7	19.6	19.6
Laredo .....	1.6	( <sup>2</sup> )	( <sup>2</sup> )	5.4	( <sup>2</sup> )	( <sup>2</sup> )	7.9	( <sup>2</sup> )	( <sup>2</sup> )
Longview—Marshall .....	3.3	3.4	3.4	10.9	11.9	11.9	8.5	8.2	8.1
Lubbock .....	5.6	5.4	5.4	19.2	19.9	19.9	21.7	22.1	22.2
McAllen—Edinburg—Mission .....	3.8	4.1	4.1	12.9	13.2	13.4	21.3	21.7	21.7
Midland .....	3.3	3.2	3.2	9.2	8.9	8.9	5.9	6.4	6.3
Odessa .....	2.0	1.9	1.9	8.1	8.4	8.4	7.3	7.5	7.5
San Angelo .....	1.8	( <sup>2</sup> )	( <sup>2</sup> )	7.6	( <sup>2</sup> )	( <sup>2</sup> )	6.7	( <sup>2</sup> )	( <sup>2</sup> )
San Antonio .....	35.3	36.9	37.0	107.0	109.5	110.7	104.0	107.5	107.8
Sherman—Denison .....	1.4	( <sup>2</sup> )	( <sup>2</sup> )	6.9	( <sup>2</sup> )	( <sup>2</sup> )	4.9	( <sup>2</sup> )	( <sup>2</sup> )
Texarkana .....	1.8	( <sup>2</sup> )	( <sup>2</sup> )	8.1	( <sup>2</sup> )	( <sup>2</sup> )	12.8	( <sup>2</sup> )	( <sup>2</sup> )
Tyler .....	3.8	4.1	4.1	12.2	13.3	13.3	8.1	8.8	8.8
Victoria .....	1.8	( <sup>2</sup> )	( <sup>2</sup> )	5.5	( <sup>2</sup> )	( <sup>2</sup> )	4.3	( <sup>2</sup> )	( <sup>2</sup> )
Waco .....	4.8	4.7	4.7	18.2	18.6	18.8	11.8	12.1	12.1
Wichita Falls .....	2.4	( <sup>2</sup> )	( <sup>2</sup> )	9.5	( <sup>2</sup> )	( <sup>2</sup> )	10.4	( <sup>2</sup> )	( <sup>2</sup> )
<b>Utah</b>									
Provo—Orem .....	2.2	2.1	2.2	24.0	25.0	25.3	13.3	12.7	12.9
Salt Lake City—Ogden .....	25.0	26.5	26.7	88.8	93.8	95.0	90.8	94.7	95.5
<b>Vermont</b>									
Burlington .....	2.9	3.0	3.0	14.9	15.5	15.5	11.2	10.9	11.2
Springfield .....	.4	.4	.4	3.4	3.8	3.6	1.8	1.7	1.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Virginia</b> .....	2,392.6	2,478.8	2,496.5	17.2	16.6	17.0	139.6	149.3	154.3
Bristol .....	28.3	29.8	30.0	.1	.1	.1	1.0	1.3	1.3
Charlottesville .....	60.0	( <sup>2</sup> )	( <sup>2</sup> )	.1	( <sup>2</sup> )	( <sup>2</sup> )	3.3	( <sup>2</sup> )	( <sup>2</sup> )
Danville .....	38.8	( <sup>2</sup> )	( <sup>2</sup> )	.1	( <sup>2</sup> )	( <sup>2</sup> )	1.3	( <sup>2</sup> )	( <sup>2</sup> )
Lynchburg .....	71.7	72.3	72.1	.1	.1	.1	2.5	2.8	2.8
Norfolk-Virginia Beach-Newport News .....	494.2	517.1	520.9	.1	.1	.1	32.5	35.2	36.3
Northern Virginia .....	596.2	642.9	649.7	.5	.5	.5	38.7	44.2	45.9
Richmond-Petersburg .....	396.2	404.3	407.5	.3	.3	.3	22.0	22.9	23.3
Roanoke .....	110.0	113.5	114.6	.1	.2	.2	5.9	6.5	7.0
<b>Washington</b> .....	1,670.8	1,715.8	1,729.4	2.5	2.8	2.9	73.8	73.9	76.8
Seattle .....	829.9	865.2	870.0	.5	.4	.5	38.0	42.3	43.9
<b>West Virginia</b> .....	583.9	583.8	586.7	44.5	42.9	42.4	18.8	18.3	19.7
Charleston .....	105.0	105.7	106.3	2.4	2.5	2.6	3.7	3.4	3.7
Huntington-Ashland .....	99.7	98.8	99.2	1.1	1.2	1.2	4.2	3.2	3.4
Parkersburg-Marietta .....	56.9	57.1	57.0	1.2	1.0	1.0	2.1	2.2	2.3
Wheeling .....	56.8	57.0	56.6	2.6	2.5	2.4	1.6	1.5	1.6
<b>Wisconsin</b> .....	1,927.8	1,958.9	1,967.4	1.4	1.5	1.7	51.6	53.7	54.2
Appleton-Oshkosh-Neenah .....	131.9	135.2	136.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	5.3	5.0
Eau Claire .....	50.0	50.4	50.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.3	1.2
Green Bay .....	85.9	86.9	87.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.3	3.6
Janesville-Beloit .....	51.9	52.0	52.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.3	1.2
Kenosha .....	36.6	35.3	37.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.2	1.2
La Crosse .....	46.9	48.3	48.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.1	1.1
Madison .....	183.4	188.5	188.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	5.5	5.5
Milwaukee .....	654.7	659.5	659.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.0	17.5	17.9
Racine .....	65.8	66.1	65.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.5	1.4
Sheboygan .....	43.3	43.7	44.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.5	1.4
Wausau .....	41.2	41.5	41.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.0	1.4	1.2
<b>Wyoming</b> .....	196.0	194.9	196.7	24.8	24.5	23.9	12.1	10.6	12.3
<b>Puerto Rico</b> .....	691.9	696.7	( <sup>1</sup> )	.7	.6	( <sup>1</sup> )	25.9	22.9	( <sup>1</sup> )
Caguas .....	43.0	43.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Mayaguez .....	49.7	50.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Ponce .....	43.0	44.3	( <sup>1</sup> )	.1	( <sup>1</sup> )	( <sup>1</sup> )	1.7	2.3	( <sup>1</sup> )
San Juan .....	427.1	427.8	( <sup>1</sup> )	.3	.3	( <sup>1</sup> )	20.3	17.4	( <sup>1</sup> )
<b>Virgin Islands</b> .....	37.6	37.3	37.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.6	2.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>
<b>Virginia</b> .....	422.9	426.4	425.4	128.8	132.3	132.2	525.1	550.3	552.7
Bristol .....	9.5	9.9	9.9	1.1	1.1	1.1	6.9	7.3	7.4
Charlottesville .....	9.7	( <sup>b</sup> )	( <sup>b</sup> )	2.0	( <sup>b</sup> )	( <sup>b</sup> )	10.8	( <sup>b</sup> )	( <sup>b</sup> )
Danville .....	16.8	( <sup>b</sup> )	( <sup>b</sup> )	.9	( <sup>b</sup> )	( <sup>b</sup> )	8.1	( <sup>b</sup> )	( <sup>b</sup> )
Lynchburg .....	25.4	24.9	24.5	2.8	3.0	3.0	12.9	13.7	13.7
Norfolk-Virginia Beach-Newport News .....	67.6	68.8	68.7	24.4	24.8	24.8	117.7	124.2	124.0
Northern Virginia .....	30.2	33.0	33.2	41.3	43.4	43.2	134.9	151.2	151.5
Richmond-Petersburg .....	65.2	61.9	61.7	21.8	21.3	21.3	93.2	95.6	96.8
Roanoke .....	20.9	20.9	20.6	9.0	9.5	9.5	28.0	29.1	29.3
<b>Washington</b> .....	289.5	293.7	294.7	90.2	93.6	94.1	406.5	419.5	423.0
Seattle .....	160.8	168.1	168.3	53.8	56.6	57.0	204.6	213.4	214.1
<b>West Virginia</b> .....	90.0	87.8	87.4	37.5	36.5	36.6	130.3	129.1	129.8
Charleston .....	13.7	13.0	12.7	8.7	8.6	8.6	26.7	27.2	27.4
Huntington-Ashland .....	20.5	19.2	19.2	7.8	7.6	7.6	25.2	25.6	25.7
Parkersburg-Marietta .....	14.6	14.4	14.5	2.0	2.0	1.9	13.6	13.5	13.5
Wheeling .....	8.0	7.8	7.8	3.1	3.2	3.2	14.6	15.0	14.7
<b>Wisconsin</b> .....	502.3	507.4	510.4	92.3	92.3	93.1	443.9	448.4	451.3
Appleton-Oshkosh-Neenah .....	47.4	49.2	49.2	5.1	4.9	4.9	27.9	26.1	28.3
Eau Claire .....	9.2	9.3	9.2	2.6	2.8	2.8	14.2	14.6	14.6
Green Bay .....	22.8	23.1	23.3	6.0	6.0	6.0	22.2	21.8	22.0
Janesville-Beloit .....	18.1	17.7	17.6	2.0	2.0	2.0	12.3	12.5	12.6
Kenosha .....	10.7	9.4	11.4	1.4	1.2	1.2	7.9	6.0	8.0
La Crosse .....	10.5	10.7	10.6	2.4	2.4	2.4	12.3	12.3	12.2
Madison .....	20.1	20.4	20.4	6.5	6.5	6.5	39.3	40.2	40.5
Milwaukee .....	171.8	171.4	171.5	35.4	35.2	35.3	145.4	146.5	147.4
Racine .....	24.6	23.9	23.2	2.2	2.1	2.1	14.5	14.9	15.0
Sheboygan .....	18.4	17.7	17.8	1.4	1.4	1.4	7.9	8.0	8.2
Wausau .....	10.4	10.6	10.7	2.5	2.5	2.5	10.1	10.0	10.3
<b>Wyoming</b> .....	7.5	7.6	7.9	14.9	14.9	14.7	44.6	42.7	42.7
<b>Puerto Rico</b> .....	146.8	152.6	( <sup>c</sup> )	14.8	13.2	( <sup>c</sup> )	117.5	119.4	( <sup>c</sup> )
Caguas .....	15.0	15.2	( <sup>c</sup> )	( <sup>c</sup> )	( <sup>c</sup> )	( <sup>c</sup> )	7.7	8.0	( <sup>c</sup> )
Mayaguez .....	19.7	21.1	( <sup>c</sup> )	( <sup>c</sup> )	( <sup>c</sup> )	( <sup>c</sup> )	6.1	6.0	( <sup>c</sup> )
Ponce .....	8.6	9.3	( <sup>c</sup> )	( <sup>c</sup> )	( <sup>c</sup> )	( <sup>c</sup> )	6.5	6.4	( <sup>c</sup> )
San Juan .....	87.0	66.9	( <sup>c</sup> )	11.2	10.4	( <sup>c</sup> )	80.3	62.2	( <sup>c</sup> )
<b>Virgin Islands</b> .....	2.3	1.7	1.6	2.4	2.4	2.4	8.3	8.5	8.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Virginia</b> .....	119.5	123.8	125.0	520.7	546.8	555.2	518.9	533.2	534.7
Bristol .....	1.0	.9	1.0	3.7	4.0	4.1	4.8	5.2	5.2
Charlottesville .....	3.0	( <sup>2</sup> )	( <sup>2</sup> )	9.8	( <sup>2</sup> )	( <sup>2</sup> )	21.3	( <sup>2</sup> )	( <sup>2</sup> )
Danville .....	1.0	( <sup>2</sup> )	( <sup>2</sup> )	5.4	( <sup>2</sup> )	( <sup>2</sup> )	5.2	( <sup>2</sup> )	( <sup>2</sup> )
Lynchburg .....	3.3	3.5	3.5	12.5	12.6	12.7	12.1	11.7	11.8
Norfolk-Virginia Beach-Newport News .....	21.8	22.8	22.7	108.9	116.5	119.3	121.2	124.8	124.9
Northern Virginia .....	35.2	37.8	38.9	178.3	189.8	192.3	137.0	143.0	144.2
Richmond-Petersburg .....	30.9	32.8	33.1	75.6	79.9	80.9	87.3	89.6	90.1
Roanoke .....	6.6	6.8	6.9	24.6	26.1	26.4	14.8	14.5	14.5
<b>Washington</b> .....	97.3	101.1	101.7	365.6	379.5	382.6	345.4	352.3	353.6
Seattle .....	61.4	63.6	64.1	185.2	193.9	195.5	125.4	126.9	126.6
<b>West Virginia</b> .....	23.3	23.9	23.9	112.8	116.9	117.4	126.7	128.4	129.5
Charleston .....	5.8	5.8	5.9	22.7	23.6	23.7	21.3	21.6	21.7
Huntington-Ashland .....	3.9	3.9	3.9	17.7	18.4	18.5	19.3	19.7	19.7
Parkersburg-Marietta .....	2.0	2.1	2.1	11.8	12.3	12.1	9.6	9.6	9.6
Wheeling .....	2.7	3.0	3.0	15.1	15.0	15.0	9.1	9.0	9.1
<b>Wisconsin</b> .....	102.1	104.8	105.5	406.6	417.5	418.4	327.6	333.2	332.8
Appleton-Oshkosh-Neenah .....	6.7	6.9	7.0	23.3	24.5	24.9	16.8	16.3	16.8
Eau Claire .....	1.9	1.9	1.9	10.1	10.5	10.6	10.8	10.2	9.9
Green Bay .....	3.0	3.1	3.1	18.3	19.3	19.3	10.4	10.3	10.4
Janesville-Beloit .....	1.6	1.6	1.6	9.8	10.0	10.0	6.7	6.8	6.9
Kenosha .....	1.0	1.0	1.0	8.1	8.1	7.9	6.2	6.4	6.4
La Crosse .....	1.3	1.4	1.4	11.6	12.9	12.9	7.6	7.6	7.7
Madison .....	14.5	16.0	16.2	39.1	40.6	40.7	58.7	59.1	58.9
Milwaukee .....	44.4	44.2	44.4	160.3	163.4	164.2	80.2	80.9	79.0
Racine .....	2.2	2.2	2.2	13.0	13.4	13.7	8.0	8.1	8.1
Sheboygan .....	1.9	2.0	2.0	6.9	7.6	7.8	5.6	5.5	5.5
Wausau .....	3.7	3.2	3.2	7.3	7.6	7.5	6.1	6.2	6.1
<b>Wyoming</b> .....	8.0	7.9	7.8	31.0	33.1	33.0	52.8	53.6	54.4
<b>Puerto Rico</b> .....	29.6	31.0	( <sup>1</sup> )	96.4	95.6	( <sup>1</sup> )	256.2	261.3	( <sup>1</sup> )
Caguas .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.1	15.2	( <sup>1</sup> )
Mayaguez .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.6	15.5	( <sup>1</sup> )
Ponce .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.5	7.7	( <sup>1</sup> )	15.3	15.3	( <sup>1</sup> )
San Juan .....	23.7	25.0	( <sup>1</sup> )	70.9	70.0	( <sup>1</sup> )	153.3	155.6	( <sup>1</sup> )
<b>Virgin Islands</b> .....	1.9	1.8	1.8	6.8	7.2	7.3	13.7	13.1	13.1

<sup>1</sup> Not available.

<sup>2</sup> Publication of data has been suspended because of budget cuts.

<sup>3</sup> Combined with construction.

<sup>P</sup> = preliminary.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1985 benchmarks except Michigan. Data for Michigan have been adjusted to December 1984 benchmarks.



**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**C-1. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by major industry, 1964 to date**

Year and month	Total private <sup>1</sup>			Mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
<b>Annual averages</b>									
1964 .....	38.7	\$2.36	\$91.33	41.9	\$2.81	\$117.74	37.2	\$3.55	\$132.06
1965 .....	38.8	2.46	95.45	42.3	2.92	123.52	37.4	3.70	138.38
1966 .....	38.6	2.56	98.82	42.7	3.05	130.24	37.6	3.89	146.26
1967 .....	38.0	2.68	101.84	42.6	3.19	135.89	37.7	4.11	154.95
1968 .....	37.8	2.85	107.73	42.8	3.35	142.71	37.3	4.41	164.49
1969 .....	37.7	3.04	114.61	43.0	3.60	154.80	37.9	4.79	181.54
1970 .....	37.1	3.23	119.83	42.7	3.85	164.40	37.3	5.24	195.45
1971 .....	36.9	3.45	127.31	42.4	4.06	172.14	37.2	5.69	211.67
1972 .....	37.0	3.70	136.90	42.6	4.44	189.14	36.5	6.06	221.19
1973 .....	36.9	3.94	145.39	42.4	4.75	201.40	36.8	6.41	235.89
1974 .....	36.5	4.24	154.76	41.9	5.23	219.14	36.6	6.81	249.25
1975 .....	36.1	4.53	163.53	41.9	5.95	249.31	36.4	7.31	266.08
1976 .....	36.1	4.86	175.45	42.4	6.46	273.90	36.8	7.71	283.73
1977 .....	36.0	5.25	189.00	43.4	6.94	301.20	36.5	8.10	295.65
1978 .....	35.8	5.69	203.70	43.4	7.67	332.88	36.8	8.66	318.69
1979 .....	35.7	6.16	219.91	43.0	8.49	365.07	37.0	9.27	342.99
1980 .....	35.3	6.66	235.10	43.3	9.17	397.06	37.0	9.94	367.78
1981 .....	35.2	7.25	255.20	43.7	10.04	438.75	36.9	10.82	399.26
1982 .....	34.8	7.68	267.26	42.7	10.77	459.88	36.7	11.63	426.82
1983 .....	35.0	8.02	280.70	42.5	11.28	479.40	37.1	11.94	442.97
1984 .....	35.3	8.33	294.05	43.3	11.63	503.58	37.7	12.12	456.92
1985 .....	35.1	8.58	301.16	43.4	11.95	518.63	37.7	12.26	462.20
<b>Monthly data, not seasonally adjusted</b>									
<b>1985:</b>									
April .....	34.9	\$8.54	\$298.05	43.3	\$11.93	\$516.57	37.8	\$12.21	\$461.54
May .....	35.0	8.53	298.55	43.5	11.86	515.91	38.1	12.19	464.44
June .....	35.4	8.56	303.02	43.7	11.99	523.96	38.1	12.12	461.77
July .....	35.3	8.54	301.46	42.9	11.88	509.65	38.6	12.16	469.38
August .....	35.4	8.54	302.32	43.3	11.95	517.44	38.3	12.22	468.03
September .....	35.2	8.68	305.54	43.7	12.00	524.40	38.5	12.40	477.40
October .....	35.1	8.65	303.62	43.2	11.95	516.24	38.2	12.36	472.15
November .....	34.9	8.68	302.93	43.3	12.02	520.47	36.7	12.22	448.47
December .....	35.3	8.73	308.17	43.8	12.22	535.24	36.9	12.42	458.30
<b>1986:</b>									
January .....	34.8	8.73	303.80	44.4	12.18	540.79	37.2	12.29	457.19
February .....	34.6	8.75	302.75	42.4	12.27	520.25	35.1	12.29	431.38
March <sup>p</sup> .....	34.8	8.74	304.15	42.4	12.28	520.67	36.5	12.17	444.21
April <sup>p</sup> .....	34.8	8.74	304.15	42.3	12.34	521.98	37.8	12.20	461.16

See footnotes at end of table.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**C-1. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by major industry, 1964 to date—Continued**

Year and month	Manufacturing				Transportation and public utilities			Wholesale trade		
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
	Annual averages									
1964 .....	40.7	\$2.53	\$2.43	\$102.97	41.1	\$2.89	\$118.78	40.7	\$2.52	\$102.56
1965 .....	41.2	2.61	2.50	107.53	41.3	3.03	125.14	40.8	2.61	106.49
1966 .....	41.4	2.71	2.59	112.19	41.2	3.11	128.13	40.7	2.73	111.11
1967 .....	40.6	2.82	2.71	114.49	40.5	3.23	130.82	40.3	2.88	116.06
1968 .....	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.05	122.31
1969 .....	40.6	3.19	3.05	129.51	40.7	3.63	147.74	40.2	3.23	129.85
1970 .....	39.8	3.35	3.23	133.33	40.5	3.85	155.93	39.9	3.44	137.26
1971 .....	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.5	3.65	144.18
1972 .....	40.5	3.82	3.66	154.71	40.4	4.65	187.86	39.4	3.85	151.69
1973 .....	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.3	4.08	160.34
1974 .....	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.39	170.33
1975 .....	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.7	4.73	183.05
1976 .....	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.03	194.66
1977 .....	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	209.13
1978 .....	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	228.14
1979 .....	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.93
1980 .....	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.5	6.96	267.96
1981 .....	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.56	291.06
1982 .....	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.09	309.85
1983 .....	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.55	329.18
1984 .....	40.7	9.18	8.81	373.63	39.4	11.11	437.73	38.6	8.96	345.86
1985 .....	40.5	9.52	9.14	385.56	39.4	11.38	448.37	38.7	9.26	358.36
	Monthly data, not seasonally adjusted									
<b>1985:</b>										
April .....	40.1	\$9.48	\$9.13	\$380.15	39.2	\$11.27	\$441.78	38.4	\$9.24	\$354.82
May .....	40.3	9.48	9.13	382.04	39.3	11.24	441.73	38.7	9.24	357.59
June .....	40.6	9.50	9.13	385.70	39.7	11.32	449.40	38.9	9.28	360.99
July .....	40.1	9.53	9.17	382.15	39.5	11.35	448.33	38.8	9.27	359.68
August .....	40.4	9.48	9.10	382.99	39.9	11.40	454.86	38.8	9.25	358.90
September .....	40.8	9.55	9.14	389.64	39.7	11.52	457.34	38.8	9.33	362.00
October .....	40.7	9.54	9.15	388.28	39.5	11.46	452.67	38.7	9.25	357.98
November .....	40.9	9.61	9.21	393.05	39.5	11.57	457.02	38.8	9.32	361.62
December .....	41.6	9.72	9.29	404.35	39.7	11.60	460.52	39.0	9.41	366.99
<b>1986:</b>										
January .....	40.7	9.68	9.30	393.98	39.0	11.58	451.62	38.6	9.38	362.07
February .....	40.2	9.68	9.31	389.14	39.1	11.63	454.73	38.3	9.42	360.79
March <sup>p</sup> .....	40.7	9.70	9.31	394.79	39.3	11.60	455.88	38.5	9.38	361.13
April <sup>p</sup> .....	40.5	9.70	9.32	392.85	39.2	11.62	455.50	38.6	9.36	361.30

See footnotes at end of table.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**C-1. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by major industry, 1964 to date—Continued**

Year and month	Retail trade			Finance, insurance, and real estate			Services		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
<b>Annual averages</b>									
1964 .....	37.0	\$1.75	\$64.75	37.3	\$2.30	\$85.79	36.1	\$1.94	\$70.03
1965 .....	36.6	1.82	66.61	37.2	2.39	86.91	35.9	2.05	73.60
1966 .....	35.9	1.91	68.57	37.3	2.47	92.13	35.5	2.17	77.04
1967 .....	35.3	2.01	70.95	37.1	2.58	95.72	35.1	2.29	80.38
1968 .....	34.7	2.16	74.95	37.0	2.75	101.75	34.7	2.42	83.97
1969 .....	34.2	2.30	78.66	37.1	2.93	108.70	34.7	2.61	90.57
1970 .....	33.8	2.44	82.47	36.7	3.07	112.67	34.4	2.81	96.66
1971 .....	33.7	2.60	87.62	36.6	3.22	117.85	33.9	3.04	103.06
1972 .....	33.4	2.75	91.85	36.6	3.36	122.98	33.9	3.27	110.85
1973 .....	33.1	2.91	96.32	36.6	3.53	129.20	33.8	3.47	117.29
1974 .....	32.7	3.14	102.68	36.5	3.77	137.61	33.6	3.75	126.00
1975 .....	32.4	3.36	108.86	36.5	4.06	148.19	33.5	4.02	134.67
1976 .....	32.1	3.57	114.60	36.4	4.27	155.43	33.3	4.31	143.52
1977 .....	31.6	3.85	121.66	36.4	4.54	165.26	33.0	4.65	153.45
1978 .....	31.0	4.20	130.20	36.4	4.89	178.00	32.8	4.99	183.87
1979 .....	30.6	4.53	138.62	36.2	5.27	190.77	32.7	5.36	175.27
1980 .....	30.2	4.88	147.38	36.2	5.79	209.60	32.6	5.85	190.71
1981 .....	30.1	5.25	158.03	36.3	6.31	229.05	32.6	6.41	208.97
1982 .....	29.9	5.48	163.85	36.2	6.78	245.44	32.6	6.92	225.59
1983 .....	29.8	5.74	171.05	36.2	7.29	263.90	32.7	7.31	239.04
1984 .....	30.0	5.88	176.40	36.5	7.62	278.13	32.8	7.64	250.59
1985 .....	29.7	5.97	177.31	36.4	7.93	288.65	32.8	7.95	260.76
<b>Monthly data, not seasonally adjusted</b>									
<b>1985:</b>									
April .....	29.4	\$5.96	\$175.22	36.4	\$7.85	\$285.74	32.6	\$7.89	\$257.21
May .....	29.8	5.97	177.91	36.3	7.83	284.23	32.7	7.88	257.68
June .....	30.2	5.94	179.39	36.7	7.95	291.77	33.0	7.91	261.03
July .....	30.4	5.93	180.27	36.3	7.67	285.68	33.1	7.86	260.17
August .....	30.3	5.91	179.07	36.3	7.90	286.77	33.1	7.87	260.50
September .....	29.7	5.99	177.90	36.4	8.03	292.29	32.8	8.04	263.71
October .....	29.4	5.97	175.52	36.3	8.00	290.40	32.8	8.04	263.71
November .....	29.3	6.00	175.80	36.2	8.05	291.41	32.7	8.10	264.87
December .....	29.9	6.02	180.00	36.7	8.14	298.74	32.8	8.16	267.65
<b>1986:</b>									
January .....	28.8	6.05	174.24	36.4	8.13	295.93	32.7	8.17	267.16
February .....	28.7	6.07	174.21	36.7	8.27	303.51	32.7	8.22	268.79
March <sup>p</sup> .....	29.0	6.06	175.74	36.6	8.27	302.68	32.8	8.22	269.62
April <sup>p</sup> .....	29.0	6.05	175.45	36.3	8.23	298.75	32.7	8.18	267.49

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

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 forward are subject to revision.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Total private</b> .....		35.0	34.9	34.6	34.8	34.8				-	-
<b>Mining</b> .....		43.6	43.3	42.4	42.4	42.3		-			-
Metal mining .....	10	40.8	41.0	41.2	41.9						-
Iron ores .....	101	39.3	39.8	41.2	42.5				-		-
Copper ores .....	102	42.9	43.8	41.3	41.5						-
Coal mining .....	11,12	41.8	41.0	41.3	41.4						-
Bituminous coal and lignite mining .....	12	41.9	41.0	41.4	41.4						-
Oil and gas extraction .....	13	44.4	44.2	43.3	42.7						-
Crude petroleum, natural gas, and natural gas liquids .....	131,2	42.4	42.0	43.9	43.2						-
Oil and gas field services .....	138	45.3	45.2	43.1	42.5						-
Nonmetallic minerals, except fuels .....	14	44.1	44.8	40.6	42.7						-
Crushed and broken stone .....	142	45.7	46.3	41.2	44.2						-
<b>Construction</b> .....		37.7	37.8	35.1	36.5	37.8					-
General building contractors .....	15	37.4	37.4	35.0	36.4						-
Residential building construction .....	152	37.0	37.1	34.3	35.4						-
Operative builders .....	153	38.9	39.4	37.9	39.9						-
Nonresidential building construction .....	154	37.6	37.5	35.5	37.0						-
Heavy construction contractors .....	16	41.2	41.5	37.4	39.2						-
Highway and street construction .....	161	40.3	41.7	35.3	38.1						-
Heavy construction, except highway .....	162	41.6	41.4	38.2	39.6						-
Special trade contractors .....	17	36.7	36.9	34.6	35.8						-
Plumbing, heating, and air conditioning .....	171	38.0	37.8	36.5	37.5						-
Painting, paper hanging, and decorating .....	172	34.8	34.5	33.1	34.1						-
Electrical work .....	173	38.6	38.3	37.9	38.7						-
Masonry, stonework, and plastering .....	174	35.4	35.5	31.9	34.3						-
Carpentering and flooring .....	175	34.7	35.4	33.1	33.5						-
Roofing and sheet metal work .....	176	32.7	33.9	29.0	30.4						-
<b>Manufacturing</b> .....		40.4	40.1	40.2	40.7	40.5	3.2	3.1	3.2	3.4	3.3
<b>Durable goods</b> .....		41.2	40.9	41.0	41.4	41.2	3.4	3.3	3.4	3.5	3.4
Lumber and wood products .....	24	39.4	39.5	39.3	40.0	40.1	2.9	2.9	2.9	3.2	-
Logging camps and logging contractors .....	241	37.9	39.2	38.6	39.2	-	3.4	3.1	2.7	3.3	-
Sawmills and planing mills .....	242	40.3	40.1	40.8	41.4		3.5	3.4	3.8	3.9	-
Sawmills and planing mills, general .....	2421	40.5	40.3	41.2	41.6		3.6	3.6	4.0	4.1	-
Hardwood dimension and flooring .....	2426	40.2	39.5	39.3	41.1		2.8	2.4	2.6	3.1	-
Millwork, plywood, and structural members .....	243	39.5	39.8	39.5	40.3		2.5	2.8	2.7	3.1	-
Millwork .....	2431	38.8	39.7	39.2	40.3		1.6	2.3	2.1	2.6	-
Wood kitchen cabinets .....	2434	39.0	39.1	37.6	38.6		2.1	2.1	1.6	2.3	-
Hardwood veneer and plywood .....	2435	40.8	40.2	40.3	40.6		3.2	3.0	3.3	3.5	-
Softwood veneer and plywood .....	2436	41.1	40.5	42.6	43.3		4.3	4.0	5.3	5.3	-
Wood containers .....	244	38.4	37.8	37.4	38.5		2.3	2.1	2.1	2.4	-
Wood buildings and mobile homes .....	245	37.6	37.5	35.8	36.6		1.8	1.6	1.3	1.4	-
Mobile homes .....	2451	37.9	37.9	36.4	37.4		1.7	1.5	1.3	1.4	-
Miscellaneous wood products .....	249	40.2	39.6	39.6	39.9		3.1	3.0	2.9	3.0	-
Furniture and fixtures .....	25	39.3	39.1	38.9	39.4	39.0	2.2	2.1	2.1	2.4	-
Household furniture .....	251	39.0	38.8	38.3	39.0	-	2.1	2.0	1.9	2.4	-
Wood household furniture .....	2511	39.1	39.0	38.7	39.0		2.2	2.1	2.1	2.4	-
Upholstered household furniture .....	2512	38.8	38.3	37.4	38.1		1.9	1.6	1.3	1.8	-
Metal household furniture .....	2514	40.1	39.3	39.9	41.8		3.0	2.9	3.0	4.4	-
Mattresses and bedsprings .....	2515	38.3	37.8	37.9	38.3		1.7	1.7	1.6	2.1	-
Office furniture .....	252	40.2	39.8	40.2	40.4		2.7	2.4	2.6	2.6	-
Public building and related furniture .....	253	40.1	40.0	38.3	39.0		2.3	2.5	1.7	2.2	-
Partitions and fixtures .....	254	39.4	39.2	40.0	40.5		2.3	2.4	2.6	2.7	-
Miscellaneous furniture and fixtures .....	259	40.0	40.2	40.3	39.7		2.0	2.5	2.3	2.0	-
Stone, clay, and glass products .....	32	41.7	42.0	40.6	41.5	42.5	4.5	4.8	4.2	4.5	-
Flat glass .....	321	42.2	43.1	43.8	44.5	-	4.3	5.3	5.8	5.9	-
Glass and glassware, pressed or blown .....	322	41.0	41.4	41.2	41.8		4.4	4.5	4.6	4.7	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Total private</b> .....		\$8.52	\$8.54	\$8.75	\$8.74	\$8.74	\$298.20	\$298.05	\$302.75	\$304.15	\$304.15
<b>Mining</b> .....		11.91	11.93	12.27	12.28	12.34	519.28	516.57	520.25	520.67	521.98
Metal mining .....	10	13.29	13.43	13.44	13.24	-	542.23	550.63	553.73	554.76	
Iron ores .....	101	13.14	13.36	13.93	13.83	-	516.40	531.73	573.92	587.78	
Copper ores .....	102	13.47	13.71	12.92	12.73	-	577.86	600.50	533.60	528.30	
Coal mining .....	11,12	15.28	15.35	15.26	15.16	-	638.70	629.35	630.24	627.62	
Bituminous coal and lignite mining .....	12	15.34	15.41	15.31	15.20	-	642.75	631.81	633.83	629.28	
Oil and gas extraction .....	13	10.92	10.94	11.41	11.49	-	484.85	483.55	494.05	490.62	
Crude petroleum, natural gas, and natural gas liquids .....	131,2	13.21	13.27	13.79	13.82	-	560.10	557.34	605.38	597.02	
Oil and gas field services .....	138	10.01	10.02	10.28	10.27	-	453.45	452.90	443.07	436.48	
Nonmetallic minerals, except fuels .....	14	10.02	10.04	10.24	10.12	-	441.88	449.79	415.74	432.12	
Crushed and broken stone .....	142	9.29	9.41	9.49	9.49	-	424.55	435.68	390.99	419.46	
<b>Construction</b> .....		12.22	12.21	12.29	12.17	12.20	460.69	461.54	431.38	444.21	461.16
General building contractors .....	15	11.14	11.18	11.26	11.17	-	416.64	418.13	394.10	406.59	
Residential building construction .....	152	10.69	10.69	10.67	10.61	-	395.53	396.60	365.98	375.59	
Operative builders .....	153	9.27	9.36	9.32	9.42	-	360.60	368.78	353.23	375.86	
Nonresidential building construction .....	154	11.73	11.81	11.98	11.83	-	441.05	442.88	425.29	437.71	
Heavy construction contractors .....	16	11.91	11.82	11.62	11.31	-	490.69	490.53	434.59	443.35	
Highway and street construction .....	161	10.35	10.72	10.71	10.33	-	417.11	447.02	378.06	393.57	
Heavy construction, except highway .....	162	12.52	12.35	11.96	11.72	-	520.83	511.29	456.87	464.11	
Special trade contractors .....	17	12.82	12.81	12.95	12.88	-	470.49	472.69	448.07	461.10	
Plumbing, heating, and air conditioning .....	171	13.02	13.02	12.99	13.05	-	494.76	492.16	474.14	489.38	
Painting, paper hanging, and decorating .....	172	11.91	11.94	11.77	11.91	-	414.47	411.93	389.59	406.13	
Electrical work .....	173	14.26	14.35	14.30	14.20	-	550.44	549.61	541.97	549.54	
Masonry, stonework, and plastering .....	174	12.87	12.98	12.90	12.88	-	455.60	460.79	411.51	441.78	
Carpentering and flooring .....	175	11.75	11.96	12.09	12.14	-	407.73	423.38	400.18	406.69	
Roofing and sheet metal work .....	176	11.16	11.20	11.67	11.44	-	364.93	379.68	338.43	347.78	
<b>Manufacturing</b> .....		9.45	9.48	9.68	9.70	9.70	381.78	380.15	389.14	394.79	392.85
<b>Durable goods</b> .....		10.01	10.03	10.28	10.29	10.28	412.41	410.23	421.48	426.01	423.54
Lumber and wood products .....	24	8.06	8.04	8.34	8.29	8.29	317.56	317.58	327.76	331.60	332.43
Logging camps and logging contractors .....	241	10.53	10.54	11.03	10.94	-	399.09	413.17	425.76	428.85	-
Sawmills and planing mills .....	242	8.43	8.37	8.67	8.58	-	339.73	335.64	353.74	355.21	-
Sawmills and planing mills, general .....	2421	8.89	8.83	9.10	9.00	-	360.05	355.85	374.92	374.40	-
Hardwood dimension and flooring .....	2426	6.07	6.08	6.42	6.48	-	244.01	240.16	252.31	266.33	-
Millwork, plywood, and structural members .....	243	7.99	7.99	8.25	8.23	-	315.61	318.00	325.88	331.67	-
Millwork .....	2431	8.15	8.23	8.47	8.46	-	316.22	326.73	332.02	340.94	-
Wood kitchen cabinets .....	2434	7.22	7.20	7.34	7.35	-	281.58	281.52	275.98	283.71	-
Hardwood veneer and plywood .....	2435	6.53	6.58	6.72	6.83	-	266.42	264.52	270.82	277.30	-
Softwood veneer and plywood .....	2436	9.86	9.79	9.92	9.85	-	405.25	396.50	422.59	426.51	-
Wood containers .....	244	5.80	5.83	5.91	5.91	-	222.72	220.37	221.03	227.54	-
Wood buildings and mobile homes .....	245	7.25	7.22	7.41	7.54	-	272.60	270.75	265.28	275.96	-
Mobile homes .....	2451	7.23	7.22	7.42	7.57	-	274.02	273.64	270.09	283.12	-
Miscellaneous wood products .....	249	7.01	7.04	7.10	7.13	-	281.80	278.78	281.16	284.49	-
Furniture and fixtures .....	25	7.07	7.08	7.33	7.36	7.36	277.85	276.83	285.14	289.98	287.04
Household furniture .....	251	6.47	6.49	6.73	6.78	-	252.33	251.81	257.76	264.42	-
Wood household furniture .....	2511	5.97	5.98	6.26	6.33	-	233.43	233.22	242.26	246.87	-
Upholstered household furniture .....	2512	7.01	7.02	7.31	7.39	-	271.99	268.87	273.39	281.56	-
Metal household furniture .....	2514	6.58	6.69	6.83	6.68	-	263.86	262.92	272.52	279.22	-
Mattresses and bedsprings .....	2515	7.10	7.12	7.12	7.18	-	271.93	269.14	269.85	274.99	-
Office furniture .....	252	7.99	7.98	8.31	8.32	-	321.20	317.60	334.06	336.13	-
Public building and related furniture .....	253	7.57	7.59	7.87	7.91	-	303.56	303.60	301.42	308.49	-
Partitions and fixtures .....	254	8.54	8.56	8.74	8.72	-	336.48	335.55	349.60	353.16	-
Miscellaneous furniture and fixtures .....	259	7.66	7.56	7.64	7.76	-	306.40	303.91	307.89	308.07	-
Stone, clay, and glass products .....	32	9.71	9.80	9.93	9.92	9.98	404.91	411.60	403.16	411.68	424.15
Flat glass .....	321	13.41	13.72	13.94	14.06	-	565.90	591.33	610.57	625.67	-
Glass and glassware, pressed or blown .....	322	10.67	10.89	10.87	10.91	-	437.47	450.85	447.84	456.04	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Apr. 1986 <sup>a</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Apr. 1986 <sup>a</sup>
<b>Durable goods—Continued</b>											
<b>Stone, clay, and glass products—Continued</b>											
Glass containers .....	3221	41.1	41.5	41.5	42.1	-	5.2	5.1	5.6	5.8	-
Pressed and blown glass, nec .....	3229	40.9	41.2	40.8	41.3	-	3.5	3.8	3.4	3.4	-
Products of purchased glass .....	323	40.7	40.2	41.8	42.1	-	2.9	2.9	3.0	2.9	-
Cement, hydraulic .....	324	41.3	41.1	42.2	41.3	-	3.2	3.5	4.9	3.5	-
Structural clay products .....	325	41.9	42.2	41.2	41.4	-	3.7	3.9	3.8	3.8	-
Pottery and related products .....	326	39.7	39.3	40.1	40.1	-	2.7	2.7	3.0	2.9	-
Concrete, gypsum, and plaster products .....	327	42.9	43.8	39.2	41.2	-	6.3	6.6	4.6	5.6	-
Concrete block and brick .....	3271	44.5	46.3	41.3	43.1	-	6.6	7.3	5.6	6.7	-
Concrete products, nec .....	3272	43.5	43.7	40.7	42.1	-	6.1	5.8	4.9	5.8	-
Ready-mixed concrete .....	3273	41.3	42.6	36.2	38.9	-	5.9	6.6	3.6	4.8	-
Misc. nonmetallic mineral products .....	329	41.2	41.2	41.5	41.8	-	3.4	3.7	3.8	4.0	-
Abrasive products .....	3291	40.0	39.0	39.1	39.9	-	2.5	2.3	2.0	2.3	-
Asbestos products .....	3292	42.2	42.0	43.7	43.8	-	3.1	3.6	4.7	4.8	-
Primary metal industries .....	33	41.3	41.3	42.1	42.2	41.3	3.6	3.6	4.2	4.1	-
Blast furnaces and basic steel products .....	331	40.7	41.1	41.9	41.9	41.0	3.1	2.9	3.9	3.6	-
Blast furnaces and steel mills .....	3312	40.4	41.0	41.7	41.6	-	3.1	2.8	3.9	3.4	-
Steel pipe and tubes .....	3317	42.3	41.7	43.5	43.5	-	3.8	3.9	4.5	4.5	-
Iron and steel foundries .....	332	40.6	40.4	41.5	41.5	-	3.2	3.6	4.0	4.0	-
Gray iron foundries .....	3321	40.7	40.6	41.3	41.6	-	3.6	4.1	4.3	4.5	-
Malleable iron foundries .....	3322	38.5	38.5	40.8	40.4	-	2.1	2.5	2.7	3.4	-
Steel foundries, nec .....	3325	40.2	40.1	41.0	40.8	-	2.4	2.3	3.2	2.8	-
Primary nonferrous metals .....	333	41.8	41.8	41.5	41.9	-	3.6	3.4	3.6	3.4	-
Primary aluminum .....	3334	42.1	41.6	41.2	42.0	-	3.6	3.3	3.5	3.3	-
Nonferrous rolling and drawing .....	335	42.4	42.2	42.9	43.1	-	4.9	4.9	5.5	5.5	-
Copper rolling and drawing .....	3351	41.7	41.6	42.6	42.9	-	3.8	3.8	4.7	5.2	-
Aluminum sheet, plate, and foil .....	3353	42.2	41.6	44.0	44.1	-	5.4	5.3	7.1	7.1	-
Nonferrous wire drawing and insulating .....	3357	42.8	42.3	42.4	42.6	-	5.5	5.3	5.3	4.9	-
Nonferrous foundries .....	336	42.0	41.6	41.8	42.1	-	3.7	3.6	3.6	3.9	-
Aluminum foundries .....	3361	42.1	41.8	42.2	42.4	-	3.9	3.9	4.0	4.3	-
Fabricated metal products .....	34	41.2	41.0	41.0	41.3	41.1	3.4	3.3	3.4	3.4	-
Metal cans and shipping containers .....	341	41.8	42.4	42.1	43.4	-	4.9	5.2	5.4	5.7	-
Metal cans .....	3411	41.8	42.7	42.3	43.6	-	5.0	5.4	5.7	5.9	-
Cutlery, hand tools, and hardware .....	342	40.8	40.4	40.5	41.1	-	3.0	3.0	2.7	2.8	-
Hand and edge tools, and hand saws and blades .....	3423,5	40.5	39.6	40.0	40.5	-	2.0	1.8	2.0	1.9	-
Hardware, nec .....	3429	40.7	40.7	40.5	41.2	-	3.6	3.8	3.0	3.1	-
Plumbing and heating, except electric .....	343	38.8	39.1	39.7	40.0	-	2.1	1.5	2.2	2.1	-
Plumbing fittings and brass goods .....	3432	41.4	39.8	41.5	41.5	-	3.0	1.8	3.1	2.9	-
Heating equipment, except electric .....	3433	38.0	37.8	37.7	38.4	-	1.0	.9	1.0	1.1	-
Fabricated structural metal products .....	344	40.7	40.6	40.0	40.2	-	2.8	2.8	2.7	2.7	-
Fabricated structural metal .....	3441	41.7	41.8	40.7	40.8	-	3.7	3.6	3.2	3.0	-
Metal doors, sash, and trim .....	3442	40.1	40.4	38.7	39.4	-	2.0	2.4	2.2	2.4	-
Fabricated plate work (boiler shops) .....	3443	41.7	40.6	41.2	41.2	-	3.3	2.9	3.2	3.0	-
Sheet metal work .....	3444	40.1	40.1	39.9	39.5	-	2.6	2.6	2.5	2.4	-
Architectural metal work .....	3446	39.6	39.0	39.2	40.0	-	1.9	2.2	3.2	3.3	-
Screw machine products, bolts, etc .....	345	42.7	42.3	42.8	43.1	-	4.6	4.3	4.8	4.9	-
Screw machine products .....	3451	42.2	41.9	41.4	41.8	-	4.2	3.9	3.6	3.9	-
Bolts, nuts, rivets, and washers .....	3452	43.3	42.7	44.1	44.4	-	5.0	4.8	6.0	5.9	-
Metal forgings and stampings .....	346	42.5	42.4	43.1	42.9	-	4.6	4.6	4.8	4.7	-
Iron and steel forgings .....	3462	42.6	42.0	42.4	42.3	-	4.1	3.8	3.7	3.7	-
Automotive stampings .....	3465	44.5	44.8	44.8	44.6	-	6.3	6.6	6.2	6.1	-
Metal stampings, nec .....	3469	40.3	39.9	41.4	41.1	-	3.0	2.7	3.5	3.6	-
Metal services, nec .....	347	40.8	40.4	40.9	40.9	-	3.5	3.4	3.4	3.5	-
Plating and polishing .....	3471	40.4	39.5	40.3	40.5	-	3.2	2.9	3.2	3.2	-
Metal coating and allied services .....	3479	41.9	42.6	42.1	41.7	-	4.3	4.7	4.0	4.3	-
Ordnance and accessories, nec .....	348	41.1	40.9	41.2	41.6	-	2.6	2.4	2.7	2.7	-
Ammunition, except for small arms, nec .....	3483	40.8	40.1	40.0	40.4	-	1.9	1.8	2.5	2.0	-
Misc. fabricated metal products .....	349	40.5	40.1	40.1	40.5	-	2.5	2.4	2.6	2.8	-
Valves and pipe fittings .....	3494	40.8	39.9	39.9	40.1	-	2.8	2.5	2.7	2.9	-
Misc. fabricated wire products .....	3496	40.2	40.1	40.2	40.5	-	2.4	2.3	2.3	2.7	-
Machinery, except electrical .....	35	41.8	41.1	41.4	41.8	41.5	3.5	3.1	3.4	3.5	-
Engines and turbines .....	351	41.4	40.4	41.7	42.9	-	3.6	3.4	4.3	4.7	-
Turbines and turbine generator sets .....	3511	40.7	40.1	39.7	40.3	-	3.8	3.5	3.6	3.8	-
Internal combustion engines, nec .....	3519	41.6	40.5	42.5	43.9	-	3.5	3.4	4.6	5.1	-
Farm and garden machinery .....	352	41.8	41.1	41.4	41.7	-	3.1	2.6	3.2	3.1	-
Farm machinery and equipment .....	3523	41.0	40.4	41.2	41.4	-	2.5	2.2	2.9	2.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Apr. 1986 <sup>a</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Apr. 1986 <sup>a</sup>
<b>Durable goods—Continued</b>											
<b>Machinery, except electrical—Continued</b>											
Construction and related machinery .....	353	42.0	41.2	41.3	41.5	-	3.0	2.6	2.8	2.7	-
Construction machinery .....	3531	41.3	40.7	42.6	42.8	-	2.4	2.2	2.6	2.5	-
Mining machinery .....	3532	41.2	40.9	40.4	41.1	-	2.7	2.3	2.4	2.8	-
Oil field machinery .....	3533	43.1	42.3	40.8	40.6	-	3.5	3.1	3.0	2.3	-
Conveyors and conveying equipment .....	3535	42.1	40.5	41.9	41.8	-	3.9	2.9	3.8	4.0	-
Industrial trucks and tractors .....	3537	41.4	40.4	39.4	39.7	-	3.0	2.7	2.8	2.8	-
Metalworking machinery .....	354	42.7	42.1	42.5	42.7	-	4.8	4.5	4.8	4.8	-
Machine tools, metal cutting types .....	3541	42.5	42.0	42.8	42.8	-	4.1	3.6	4.2	4.1	-
Machine tools, metal forming types .....	3542	42.3	41.8	42.5	42.5	-	3.8	3.8	4.9	4.7	-
Special dies, tools, jigs, and fixtures .....	3544	43.7	43.1	43.8	43.7	-	6.0	5.6	6.0	6.0	-
Machine tool accessories .....	3545	42.2	41.8	40.5	41.2	-	3.9	3.7	3.5	3.7	-
Power driven hand tools .....	3546	39.6	38.1	39.3	40.2	-	2.7	2.4	2.1	2.0	-
Special industry machinery .....	355	42.1	41.3	41.4	41.7	-	3.8	3.3	3.3	3.7	-
Food products machinery .....	3551	42.2	41.5	41.7	41.6	-	3.0	2.8	3.1	2.7	-
Textile machinery .....	3552	41.0	40.4	41.2	41.8	-	2.5	2.1	2.9	3.5	-
Printing trades machinery .....	3555	42.4	41.1	40.5	40.9	-	4.0	3.4	3.2	4.0	-
General industrial machinery .....	356	41.5	40.9	41.4	41.6	-	3.1	2.9	3.2	3.1	-
Pumps and pumping equipment .....	3561	41.0	40.5	41.0	41.3	-	2.7	2.4	2.7	2.7	-
Ball and roller bearings .....	3562	43.5	42.9	43.0	42.9	-	4.2	4.4	4.9	4.6	-
Air and gas compressors .....	3563	41.6	40.1	41.2	41.0	-	3.4	2.7	2.7	2.4	-
Blowers and fans .....	3564	39.9	40.0	40.5	41.1	-	1.9	1.6	2.2	2.3	-
Speed changers, drives, and gears .....	3566	41.3	40.9	42.3	42.7	-	3.1	3.2	3.5	3.4	-
Power transmission equipment, nec .....	3568	41.3	40.1	40.8	41.4	-	3.1	2.7	3.4	3.9	-
Office and computing machines .....	357	41.4	40.1	41.8	42.2	-	2.7	1.5	2.5	2.7	-
Electronic computing equipment .....	3573	41.5	40.0	41.7	42.1	-	2.7	1.4	2.4	2.7	-
Refrigeration and service machinery .....	358	40.9	40.7	40.0	40.8	-	3.1	3.2	2.5	2.7	-
Refrigeration and heating equipment .....	3585	41.2	40.9	40.3	41.2	-	3.4	3.4	2.8	3.2	-
Misc. machinery, except electrical .....	359	41.8	41.3	40.9	41.1	-	4.0	3.8	3.7	3.7	-
Carburetors, pistons, rings, and valves .....	3592	41.3	41.0	41.6	42.2	-	4.1	3.9	4.4	4.6	-
Machinery, except electrical, nec .....	3599	41.9	41.3	40.8	40.9	-	4.0	3.7	3.6	3.6	-
Electrical and electronic equipment .....	36	40.8	40.0	40.6	41.1	40.7	2.7	2.4	2.7	2.9	-
Electric distributing equipment .....	361	40.9	40.0	41.2	41.4	-	2.7	2.8	2.7	2.6	-
Transformers .....	3612	41.2	40.6	43.1	43.2	-	3.1	3.2	3.1	3.0	-
Switchgear and switchboard apparatus .....	3613	40.7	39.5	39.5	39.8	-	2.4	2.4	2.4	2.2	-
Electrical industrial apparatus .....	362	41.0	40.1	40.4	40.8	-	2.8	2.7	2.5	2.8	-
Motors and generators .....	3621	41.8	40.8	40.7	41.5	-	3.3	3.3	2.8	3.4	-
Industrial controls .....	3622	39.5	38.1	39.4	39.3	-	2.0	1.5	1.8	1.9	-
Household appliances .....	363	39.8	38.9	39.7	40.3	-	2.1	1.9	2.6	2.6	-
Household refrigerators and freezers .....	3632	40.1	39.3	39.7	40.3	-	1.9	1.8	3.2	3.6	-
Household laundry equipment .....	3633	42.2	38.4	40.6	40.2	-	1.7	.8	2.2	1.7	-
Electric housewares and fans .....	3634	39.3	39.0	38.7	39.6	-	2.0	1.8	1.7	1.7	-
Electric lighting and wiring equipment .....	364	40.0	39.7	40.1	40.4	-	2.3	2.1	2.6	2.7	-
Electric lamps .....	3641	41.4	41.4	40.4	39.7	-	3.0	2.5	2.7	2.8	-
Current-carrying wiring devices .....	3643	39.4	39.0	40.7	40.9	-	2.3	1.8	2.4	2.5	-
Noncurrent-carrying wiring devices .....	3644	40.9	40.1	39.9	40.3	-	1.9	1.7	2.0	2.2	-
Residential lighting fixtures .....	3645	38.4	36.9	37.9	39.2	-	.8	.6	1.5	1.8	-
Radio and TV receiving equipment .....	365	39.6	39.6	40.1	41.5	-	2.6	2.7	3.2	3.7	-
Radio and TV receiving sets .....	3651	39.9	39.9	39.9	41.7	-	2.5	2.7	3.1	3.6	-
Communication equipment .....	366	41.7	41.0	41.2	41.6	-	3.0	2.5	2.6	2.6	-
Telephone and telegraph apparatus .....	3661	41.6	41.1	40.7	41.1	-	3.3	3.0	1.9	1.8	-
Radio and TV communication equipment .....	3662	41.8	40.9	41.3	41.8	-	2.8	2.2	2.8	2.9	-
Electronic components and accessories .....	367	40.7	39.7	40.8	41.3	-	2.9	2.2	2.9	3.1	-
Electronic tubes .....	3671-3	43.7	42.6	43.5	43.6	-	2.7	1.8	3.1	3.2	-
Semiconductors and related devices .....	3674	40.1	38.7	40.5	40.7	-	3.3	2.2	2.9	3.2	-
Electronic components, nec .....	3679	41.0	40.2	41.0	41.6	-	2.9	2.4	2.9	3.1	-
Misc. electrical equipment and supplies .....	369	41.0	40.0	40.4	40.7	-	2.9	2.6	2.9	3.0	-
Storage batteries .....	3691	40.6	38.9	39.8	39.9	-	1.9	1.8	2.0	1.7	-
Engine electrical equipment .....	3694	41.9	41.3	41.5	41.9	-	4.1	3.8	4.1	4.3	-

See footnotes at end of table.

ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Apr. 1986 <sup>a</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Apr. 1986 <sup>a</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products—Continued											
Glass containers .....	3221	\$11.09	\$11.45	\$11.23	\$11.29	-	\$455.80	\$475.18	\$466.05	\$475.31	-
Pressed and blown glass, nec .....	3229	10.18	10.23	10.40	10.42	-	416.36	421.48	424.32	430.35	-
Products of purchased glass .....	323	8.42	8.38	8.92	8.86	-	342.69	336.88	372.86	373.01	-
Cement, hydraulic .....	324	13.10	13.16	13.42	13.22	-	541.03	540.88	566.32	545.99	-
Structural clay products .....	325	7.89	7.96	8.11	8.13	-	330.59	335.91	334.13	336.58	-
Pottery and related products .....	326	8.49	8.58	8.63	8.66	-	337.05	337.19	346.06	347.27	-
Concrete, gypsum, and plaster products .....	327	9.45	9.55	9.51	9.51	-	405.41	418.29	372.79	391.81	-
Concrete block and brick .....	3271	8.08	8.12	8.37	8.45	-	359.56	375.96	345.68	364.20	-
Concrete products, nec .....	3272	8.46	8.44	8.53	8.55	-	368.01	368.83	347.17	359.96	-
Ready-mixed concrete .....	3273	10.45	10.55	10.51	10.41	-	431.59	449.43	380.46	404.95	-
Misc. nonmetallic mineral products .....	329	9.82	9.89	10.12	10.13	-	404.58	407.47	419.98	423.43	-
Abrasive products .....	3291	9.29	9.25	9.51	9.61	-	371.60	360.75	371.84	383.44	-
Asbestos products .....	3292	9.78	9.89	10.08	10.17	-	412.72	415.38	440.50	445.45	-
Primary metal industries .....	33	11.66	11.64	11.96	11.99	\$12.01	481.56	480.73	503.52	505.98	\$496.01
Blast furnaces and basic steel products .....	331	13.27	13.32	13.82	13.84	13.92	540.09	547.45	579.06	579.90	570.72
Blast furnaces and steel mills .....	3312	13.91	13.91	14.50	14.54	-	561.96	570.31	604.65	604.86	-
Steel pipe and tubes .....	3317	10.68	11.01	10.90	10.75	-	451.76	459.12	474.15	467.63	-
Iron and steel foundries .....	332	10.48	10.42	10.70	10.73	-	425.49	420.97	444.05	445.30	-
Gray iron foundries .....	3321	10.91	10.85	11.21	11.24	-	444.04	440.51	462.97	467.58	-
Malleable iron foundries .....	3322	11.07	11.03	11.13	10.98	-	426.20	424.66	454.10	443.59	-
Steel foundries, nec .....	3325	9.70	9.65	9.81	9.85	-	389.94	386.97	402.21	401.88	-
Primary nonferrous metals .....	333	13.95	13.62	13.79	13.90	-	583.11	569.32	572.29	582.41	-
Primary aluminum .....	3334	14.63	14.02	14.30	14.45	-	615.92	583.23	589.16	606.90	-
Nonferrous rolling and drawing .....	335	11.09	10.96	11.20	11.28	-	470.22	462.51	480.48	486.17	-
Copper rolling and drawing .....	3351	9.82	9.83	10.15	10.34	-	409.49	408.93	432.39	443.59	-
Aluminum sheet, plate, and foil .....	3353	13.99	13.62	14.07	14.28	-	590.38	566.59	619.08	629.75	-
Nonferrous wire drawing and insulating .....	3357	10.77	10.74	10.79	10.75	-	460.96	454.30	457.50	457.95	-
Nonferrous foundries .....	336	9.31	9.36	9.50	9.52	-	391.02	389.38	397.10	400.79	-
Aluminum foundries .....	3361	9.50	9.58	9.82	9.84	-	399.95	400.44	414.40	417.22	-
Fabricated metal products .....	34	9.62	9.64	9.81	9.83	9.81	396.34	395.24	402.21	405.98	403.19
Metal cans and shipping containers .....	341	12.89	13.04	13.20	13.31	-	538.80	552.90	555.72	577.65	-
Metal cans .....	3411	13.63	13.78	13.95	14.08	-	569.73	588.41	590.09	613.89	-
Cutlery, hand tools, and hardware .....	342	9.68	9.75	9.86	9.84	-	394.94	393.90	399.33	404.42	-
Hand and edge tools, and hand saws and blades .....	3423.5	8.70	8.74	8.94	8.88	-	352.35	346.10	357.60	359.64	-
Hardware, nec .....	3429	10.21	10.29	10.34	10.33	-	415.55	418.80	418.77	425.60	-
Plumbing and heating, except electric .....	343	8.59	8.53	8.83	8.84	-	341.88	333.52	350.55	353.60	-
Plumbing fittings and brass goods .....	3432	8.33	8.27	8.59	8.58	-	344.86	329.15	356.49	356.07	-
Heating equipment, except electric .....	3433	8.39	8.45	8.62	8.68	-	318.82	319.41	324.97	333.31	-
Fabricated structural metal products .....	344	9.00	8.98	9.08	9.09	-	366.30	364.59	363.20	365.42	-
Fabricated structural metal .....	3441	9.25	9.27	9.38	9.36	-	385.73	387.49	381.77	381.89	-
Metal doors, sash, and trim .....	3442	7.33	7.28	7.64	7.61	-	293.93	294.11	295.67	299.83	-
Fabricated plate work (boiler shops) .....	3443	10.04	10.07	10.03	10.11	-	418.67	408.84	413.24	416.53	-
Sheet metal work .....	3444	9.33	9.36	9.45	9.47	-	374.13	375.34	377.06	374.07	-
Architectural metal work .....	3446	8.99	8.86	8.56	8.55	-	356.00	345.54	335.55	342.00	-
Screw machine products, bolts, etc .....	345	9.04	9.05	9.35	9.36	-	386.01	382.82	400.18	403.42	-
Screw machine products .....	3451	8.38	8.42	8.71	8.74	-	353.64	352.80	360.59	365.33	-
Bolts, nuts, rivets, and washers .....	3452	9.71	9.69	9.94	9.95	-	420.44	413.76	438.35	441.78	-
Metal forgings and stampings .....	346	11.42	11.47	11.69	11.73	-	485.35	486.33	503.84	503.22	-
Iron and steel forgings .....	3462	12.19	12.31	12.35	12.47	-	519.29	517.02	523.64	527.48	-
Automotive stampings .....	3465	13.53	13.57	13.71	13.80	-	602.09	607.94	614.21	615.48	-
Metal stampings, nec .....	3469	8.57	8.58	8.95	8.94	-	345.37	342.34	370.53	367.43	-
Metal services, nec .....	347	7.68	7.72	7.88	7.88	-	313.34	311.89	322.29	322.29	-
Plating and polishing .....	3471	7.57	7.56	7.70	7.72	-	305.83	298.62	310.31	312.66	-
Metal coating and allied services .....	3479	7.94	8.08	8.25	8.22	-	332.69	344.21	347.33	342.77	-
Ordnance and accessories, nec .....	348	10.08	10.07	10.54	10.66	-	414.29	411.86	434.25	443.46	-
Ammunition, except for small arms, nec .....	3483	9.71	9.86	10.13	10.21	-	396.17	395.39	405.20	412.48	-
Misc. fabricated metal products .....	349	8.86	8.85	9.01	8.99	-	358.83	354.89	361.30	364.10	-
Valves and pipe fittings .....	3494	9.48	9.48	9.75	9.78	-	386.78	378.25	389.03	392.18	-
Misc. fabricated wire products .....	3496	7.93	7.96	8.06	8.03	-	318.79	319.20	324.01	325.22	-
Machinery, except electrical .....	35	10.15	10.17	10.53	10.58	10.57	424.27	417.99	435.94	442.24	438.66
Engines and turbines .....	351	12.98	13.02	12.99	13.09	-	537.37	526.01	541.68	561.56	-
Turbines and turbine generator sets .....	3511	12.55	12.46	12.72	12.71	-	510.79	499.65	504.98	512.21	-
Internal combustion engines, nec .....	3519	13.13	13.23	13.09	13.23	-	546.21	535.82	556.33	580.80	-
Farm and garden machinery .....	352	9.62	9.68	10.00	10.09	-	402.12	397.85	414.00	420.75	-
Farm machinery and equipment .....	3523	10.43	10.56	11.01	11.14	-	427.63	426.62	453.61	461.20	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Durable goods—Continued</b>											
<b>Machinery, except electrical—Continued</b>											
Construction and related machinery .....	353	\$10.79	\$10.74	\$11.12	\$11.12	-	\$453.18	\$442.49	\$459.26	\$461.48	-
Construction machinery .....	3531	11.70	11.68	12.22	12.22	-	483.21	475.38	520.57	523.02	-
Mining machinery .....	3532	11.42	11.25	11.38	11.41	-	470.50	460.13	459.75	468.95	-
Oil field machinery .....	3533	10.91	10.97	11.22	11.24	-	470.22	464.03	457.78	456.34	-
Conveyors and conveying equipment .....	3535	9.98	9.72	10.10	10.13	-	420.16	393.66	423.19	423.43	-
Industrial trucks and tractors .....	3537	9.24	9.11	9.71	9.69	-	382.54	368.04	382.57	384.69	-
Metalworking machinery .....	354	10.41	10.45	10.93	10.95	-	444.51	439.95	464.53	467.57	-
Machine tools, metal cutting types .....	3541	10.49	10.47	10.90	10.91	-	445.83	439.74	466.52	466.95	-
Machine tools, metal forming types .....	3542	10.69	10.79	11.50	11.45	-	452.19	451.02	488.75	486.63	-
Special dies, tools, jigs, and fixtures .....	3544	11.04	11.12	11.65	11.67	-	482.45	479.27	510.27	509.98	-
Machine tool accessories .....	3545	9.47	9.39	9.83	9.84	-	399.63	392.50	398.12	405.41	-
Power driven hand tools .....	3546	8.31	8.35	8.52	8.58	-	329.08	318.14	334.84	344.92	-
Special industry machinery .....	355	10.05	10.06	10.38	10.45	-	423.11	415.48	429.73	435.77	-
Food products machinery .....	3551	10.32	10.35	10.62	10.57	-	435.50	429.53	442.85	439.71	-
Textile machinery .....	3552	7.89	7.89	8.21	8.35	-	323.49	318.76	338.25	349.03	-
Printing trades machinery .....	3555	10.43	10.49	10.83	11.06	-	442.23	431.14	438.62	452.35	-
General industrial machinery .....	356	9.98	10.01	10.25	10.26	-	414.17	409.41	424.35	426.82	-
Pumps and pumping equipment .....	3561	10.56	10.56	10.85	10.82	-	432.96	427.68	444.85	446.87	-
Ball and roller bearings .....	3562	10.24	10.36	10.78	10.81	-	445.44	444.44	463.54	463.75	-
Air and gas compressors .....	3563	10.26	10.22	9.97	9.88	-	426.82	409.82	410.76	405.08	-
Blowers and fans .....	3564	8.78	8.76	9.00	9.09	-	350.32	350.40	364.50	373.60	-
Speed changers, drives, and gears .....	3566	10.46	10.48	10.63	10.54	-	432.00	428.63	449.65	450.06	-
Power transmission equipment, nec .....	3568	10.06	10.05	10.22	10.28	-	415.48	403.01	416.98	425.59	-
Office and computing machines .....	357	9.14	9.19	9.81	9.89	-	378.40	368.52	410.06	417.36	-
Electronic computing equipment .....	3573	9.05	9.11	9.80	9.90	-	375.58	364.40	408.66	416.79	-
Refrigeration and service machinery .....	358	9.87	9.94	10.20	10.28	-	403.68	404.56	408.00	419.42	-
Refrigeration and heating equipment .....	3585	10.16	10.25	10.54	10.63	-	418.59	419.23	424.76	437.96	-
Misc. machinery, except electrical .....	359	9.92	9.91	10.15	10.21	-	414.66	409.28	415.14	419.63	-
Carburetors, pistons, rings, and valves .....	3592	12.47	12.43	12.79	12.77	-	515.01	509.63	532.06	538.89	-
Machinery, except electrical, nec .....	3599	9.53	9.52	9.75	9.81	-	399.31	393.18	397.80	401.23	-
Electrical and electronic equipment .....	36	9.39	9.40	9.60	9.63	\$9.63	383.11	376.00	389.76	395.79	\$391.94
Electric distributing equipment .....	361	8.79	8.82	8.90	8.90	-	359.51	352.80	366.68	368.46	-
Transformers .....	3612	8.81	8.84	8.84	8.82	-	362.97	358.90	381.00	381.02	-
Switchgear and switchboard apparatus .....	3613	8.77	8.79	8.97	8.99	-	356.94	347.21	354.32	357.80	-
Electrical industrial apparatus .....	362	9.49	9.52	9.64	9.71	-	389.09	381.75	389.46	396.17	-
Motors and generators .....	3621	9.47	9.51	9.56	9.68	-	395.85	388.01	389.09	401.72	-
Industrial controls .....	3622	9.27	9.23	9.36	9.40	-	366.17	351.66	368.78	369.42	-
Household appliances .....	363	9.23	9.22	9.51	9.57	-	367.35	358.66	377.55	385.67	-
Household refrigerators and freezers .....	3632	10.38	10.36	10.65	10.83	-	416.24	407.15	422.81	436.45	-
Household laundry equipment .....	3633	10.77	10.79	11.09	11.16	-	454.49	414.34	450.25	448.63	-
Electric housewares and fans .....	3634	7.19	7.17	7.20	7.19	-	282.57	279.63	278.64	284.72	-
Electric lighting and wiring equipment .....	364	8.57	8.64	8.75	8.78	-	342.80	343.01	350.88	354.71	-
Electric lamps .....	3641	9.88	9.92	9.84	9.83	-	409.03	410.69	397.54	390.25	-
Current-carrying wiring devices .....	3643	7.93	7.95	8.24	8.25	-	312.44	310.05	335.37	337.43	-
Noncurrent-carrying wiring devices .....	3644	8.84	8.92	9.15	9.21	-	361.56	357.69	365.09	371.16	-
Residential lighting fixtures .....	3645	6.48	6.45	6.46	6.50	-	248.83	238.01	244.83	254.80	-
Radio and TV receiving equipment .....	365	9.22	9.31	9.56	9.70	-	365.11	368.68	383.36	402.55	-
Radio and TV receiving sets .....	3651	9.50	9.61	10.01	10.09	-	379.05	383.44	399.40	420.75	-
Communication equipment .....	366	11.22	11.20	11.27	11.29	-	467.87	459.20	464.32	469.66	-
Telephone and telegraph apparatus .....	3661	10.89	10.91	10.82	10.89	-	453.02	448.40	440.37	447.58	-
Radio and TV communication equipment .....	3662	11.37	11.34	11.43	11.43	-	475.27	463.81	472.06	477.77	-
Electronic components and accessories .....	367	8.20	8.17	8.51	8.54	-	333.74	324.35	347.21	352.70	-
Electronic tubes .....	3671-3	10.46	10.42	10.80	10.74	-	457.10	443.89	469.80	468.26	-
Semiconductors and related devices .....	3674	9.66	9.55	9.78	9.98	-	387.37	369.59	396.09	406.19	-
Electronic components, nec .....	3679	7.46	7.47	7.88	7.84	-	305.86	300.29	323.08	326.14	-
Misc. electrical equipment and supplies .....	369	10.18	10.26	10.49	10.51	-	417.38	410.40	423.80	427.76	-
Storage batteries .....	3691	10.39	10.47	10.87	10.75	-	421.83	407.28	432.63	428.93	-
Engine electrical equipment .....	3694	10.94	11.04	11.19	11.30	-	458.39	455.95	464.39	473.47	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Apr. 1986 <sup>a</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Apr. 1986 <sup>a</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	42.7	42.6	42.3	42.8	42.5	4.7	4.8	4.6	4.7	-
Motor vehicles and equipment .....	371	43.4	43.8	42.9	43.6	43.2	5.3	5.8	5.2	5.2	-
Motor vehicles and car bodies .....	3711	44.2	44.7	42.4	43.9	-	6.2	6.7	5.1	5.4	-
Truck and bus bodies .....	3713	40.2	40.6	40.3	41.0	-	3.8	3.4	3.5	3.5	-
Motor vehicle parts and accessories .....	3714	43.3	43.5	44.0	43.9	-	5.0	5.6	5.7	5.4	-
Truck trailers .....	3715	39.4	39.4	39.2	39.9	-	1.8	2.1	1.9	2.2	-
Aircraft and parts .....	372	42.7	41.9	42.3	-	-	4.7	4.2	4.3	-	-
Aircraft .....	3721	-	-	-	-	-	-	-	-	-	-
Aircraft engines and engine parts .....	3724	42.8	41.9	42.6	42.6	-	5.6	5.1	5.0	4.9	-
Aircraft equipment, nec .....	3728	43.8	42.5	44.2	44.3	-	5.4	4.7	5.3	5.4	-
Ship and boat building and repairing .....	373	40.9	40.7	39.6	40.2	-	3.0	3.0	3.5	3.5	-
Ship building and repairing .....	3731	40.5	40.5	39.7	40.5	-	3.0	2.9	3.9	3.9	-
Boat building and repairing .....	3732	41.8	41.4	39.3	39.5	-	3.0	3.1	2.3	2.5	-
Railroad equipment .....	374	39.3	39.7	40.6	39.8	-	1.8	2.2	2.4	1.9	-
Guided missiles, space vehicles, and parts .....	376	42.2	41.3	42.1	42.5	-	4.6	4.0	4.8	3.8	-
Guided missiles and space vehicles .....	3761	42.3	41.3	43.0	43.0	-	5.0	4.3	5.4	4.0	-
Miscellaneous transportation equipment .....	379	41.4	40.4	40.8	41.1	-	2.9	3.3	2.8	3.4	-
Travel trailers and campers .....	3792	39.3	38.3	37.7	38.2	-	2.1	2.3	1.8	2.2	-
Instruments and related products .....	38	41.1	40.5	41.0	41.4	41.0	2.6	2.2	2.6	2.8	-
Engineering and scientific instruments .....	381	42.1	41.6	42.4	42.9	-	3.0	2.5	3.4	3.5	-
Measuring and controlling devices .....	382	40.7	39.9	40.8	41.2	-	2.2	1.7	2.1	2.4	-
Environmental controls .....	3822	39.6	39.0	39.7	40.2	-	1.4	1.2	2.0	2.5	-
Process control instruments .....	3823	41.8	40.4	40.7	41.8	-	3.1	2.3	2.6	3.1	-
Instruments to measure electricity .....	3825	41.0	40.0	41.2	41.6	-	2.2	1.5	1.9	2.3	-
Optical instruments and lenses .....	383	41.9	40.9	41.3	42.2	-	3.1	2.3	3.3	3.3	-
Medical instruments and supplies .....	384	40.7	39.8	40.7	41.2	-	2.8	2.3	2.8	3.0	-
Surgical and medical instruments .....	3841	41.3	40.0	40.9	41.5	-	3.0	2.2	2.8	3.1	-
Surgical appliances and supplies .....	3842	40.4	39.8	40.5	40.9	-	2.6	2.4	2.8	2.8	-
Ophthalmic goods .....	385	40.0	39.5	39.1	39.3	-	1.8	1.8	2.0	2.0	-
Photographic equipment and supplies .....	386	42.8	42.5	42.2	42.1	-	3.0	3.1	3.0	3.2	-
Watches, clocks, and watchcases .....	387	40.3	40.5	38.6	39.8	-	2.8	2.3	1.3	2.0	-
Miscellaneous manufacturing .....	39	39.2	38.9	39.3	40.0	39.8	1.9	1.8	2.2	2.4	-
Jewelry, silverware, and plated ware .....	391	38.1	38.5	37.8	38.6	-	1.7	1.8	1.9	2.1	-
Jewelry, precious metal .....	3911	37.2	37.5	36.6	37.5	-	1.5	1.5	1.3	1.6	-
Musical instruments .....	393	40.4	38.8	38.9	40.2	-	1.2	.7	1.9	2.8	-
Toys and sporting goods .....	394	39.2	38.9	39.6	40.4	-	1.6	1.5	2.2	2.5	-
Dolls, games, toys, and children's vehicles .....	3942,4	39.0	38.4	39.0	39.6	-	1.4	1.2	2.1	2.1	-
Sporting and athletic goods, nec .....	3949	39.3	39.3	40.0	41.1	-	1.7	1.7	2.3	2.8	-
Pens, pencils, office, and art supplies .....	395	40.8	40.6	39.4	39.9	-	2.8	2.4	1.8	2.1	-
Costume jewelry and notions .....	396	38.0	37.2	39.5	40.4	-	1.7	1.4	2.3	2.7	-
Costume jewelry .....	3961	37.1	36.0	39.1	40.0	-	1.3	.6	1.9	2.3	-
Miscellaneous manufactures .....	399	39.4	39.4	39.6	40.0	-	2.1	2.2	2.6	2.5	-
Signs and advertising displays .....	3993	39.9	39.9	39.9	40.2	-	2.4	2.1	2.5	2.6	-
<b>Nondurable goods</b> .....		39.3	38.9	39.2	39.7	39.5	2.8	2.8	3.0	3.1	3.1
Food and kindred products .....	20	39.3	39.2	39.0	39.4	39.4	3.2	3.2	3.3	3.3	-
Meat products .....	201	38.4	38.3	37.6	38.3	-	2.6	2.6	2.7	2.7	-
Meat packing plants .....	2011	40.2	39.8	38.9	39.3	-	3.1	3.1	2.7	2.7	-
Sausages and other prepared meats .....	2013	38.7	38.5	38.7	39.8	-	3.1	2.6	2.8	3.0	-
Poultry dressing plants .....	2016	36.2	36.5	35.8	37.0	-	1.8	1.8	2.6	2.6	-
Dairy products .....	202	41.3	41.2	40.9	41.1	-	3.8	4.0	3.9	4.0	-
Cheese, natural and processed .....	2022	39.9	39.7	38.9	39.3	-	3.4	3.7	3.4	3.4	-
Fluid milk .....	2026	42.0	42.0	42.0	42.0	-	4.2	4.4	4.6	4.6	-
Preserved fruits and vegetables .....	203	37.7	37.9	38.2	38.5	-	2.6	2.7	2.7	2.6	-
Canned specialties .....	2032	38.4	37.7	37.7	37.3	-	3.2	3.0	4.4	3.5	-
Canned fruits and vegetables .....	2033	37.9	38.4	38.5	38.8	-	2.6	2.9	2.6	2.8	-
Frozen fruits and vegetables .....	2037	36.0	37.7	36.3	37.2	-	2.7	3.6	2.1	1.8	-
Grain mill products .....	204	42.7	42.7	42.9	43.0	-	4.8	4.8	5.2	5.0	-
Flour and other grain mill products .....	2041	46.4	45.5	43.8	43.7	-	6.2	5.9	4.6	4.1	-
Prepared feeds, nec .....	2048	42.2	42.3	42.3	42.5	-	4.6	5.0	4.8	5.1	-
Bakery products .....	205	39.0	38.6	39.1	39.2	-	3.1	2.8	3.3	3.2	-
Bread, cake, and related products .....	2051	38.0	38.1	38.4	38.5	-	3.0	3.1	3.3	3.4	-
Cookies and crackers .....	2052	41.6	39.6	40.8	40.9	-	3.4	2.2	3.1	2.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Apr. 1986 <sup>a</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Apr. 1986 <sup>a</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	\$12.59	\$12.63	\$12.87	\$12.89	\$12.86	\$537.59	\$538.04	\$544.40	\$551.69	\$546.55
Motor vehicles and equipment .....	371	13.29	13.40	13.62	13.71	13.64	576.79	586.92	584.30	597.76	589.25
Motor vehicles and car bodies .....	3711	14.69	14.75	14.97	15.13	-	649.30	659.33	634.73	664.21	-
Truck and bus bodies .....	3713	10.47	10.43	10.84	10.90	-	420.89	423.46	436.85	446.90	-
Motor vehicle parts and accessories .....	3714	12.65	12.80	13.10	13.13	-	547.75	556.80	576.40	576.41	-
Truck trailers .....	3715	9.20	9.28	9.45	9.52	-	362.48	365.63	370.44	379.85	-
Aircraft and parts .....	372	12.58	12.51	12.77	-	-	537.17	524.17	540.17	-	-
Aircraft .....	3721	-	-	-	-	-	-	-	-	-	-
Aircraft engines and engine parts .....	3724	12.82	12.77	12.91	12.94	-	548.70	535.06	549.97	551.24	-
Aircraft equipment, nec .....	3728	11.63	11.51	11.65	11.67	-	509.39	489.18	514.93	516.98	-
Ship and boat building and repairing .....	373	10.42	10.34	10.58	10.52	-	426.18	420.84	418.97	422.90	-
Ship building and repairing .....	3731	11.33	11.22	11.48	11.43	-	458.87	454.41	455.76	462.92	-
Boat building and repairing .....	3732	8.02	8.02	8.09	8.11	-	335.24	332.03	317.94	320.35	-
Railroad equipment .....	374	12.55	12.56	12.81	12.85	-	493.22	498.63	520.09	503.47	-
Guided missiles, space vehicles, and parts .....	376	11.99	11.90	12.22	12.05	-	505.98	491.47	514.46	512.13	-
Guided missiles and space vehicles .....	3761	12.19	12.10	12.47	12.26	-	515.64	499.73	536.21	527.18	-
Miscellaneous transportation equipment .....	379	9.86	9.95	10.38	10.34	-	408.20	401.98	423.50	424.97	-
Travel trailers and campers .....	3792	8.37	8.57	8.87	8.75	-	328.94	328.23	334.40	334.25	-
Instruments and related products .....	38	9.10	9.11	9.42	9.42	9.39	374.01	368.96	386.22	389.99	384.99
Engineering and scientific instruments .....	381	9.77	9.78	10.20	10.21	-	411.32	406.85	432.48	438.01	-
Measuring and controlling devices .....	382	8.92	8.91	9.14	9.18	-	363.04	355.51	372.91	378.22	-
Environmental controls .....	3822	8.59	8.61	8.75	8.83	-	340.16	335.79	347.38	354.97	-
Process control instruments .....	3823	8.97	8.97	9.32	9.45	-	374.95	362.39	379.32	395.01	-
Instruments to measure electricity .....	3825	9.14	9.10	9.32	9.27	-	374.74	364.00	383.98	385.63	-
Optical instruments and lenses .....	383	10.20	10.26	10.41	10.30	-	427.38	419.63	429.93	434.66	-
Medical instruments and supplies .....	384	8.02	8.03	8.41	8.40	-	326.41	319.59	342.29	346.08	-
Surgical and medical instruments .....	3841	8.17	8.18	8.54	8.55	-	337.42	327.20	349.29	354.83	-
Surgical appliances and supplies .....	3842	7.91	7.92	8.33	8.28	-	319.56	315.22	337.37	338.65	-
Ophthalmic goods .....	385	6.94	6.87	7.12	7.27	-	277.60	271.37	278.39	285.71	-
Photographic equipment and supplies .....	386	11.90	11.95	12.51	12.42	-	509.32	507.88	527.92	522.88	-
Watches, clocks, and watchcases .....	387	6.94	6.89	6.97	6.95	-	279.68	279.05	269.04	276.61	-
Miscellaneous manufacturing .....	39	7.20	7.22	7.48	7.48	7.46	282.24	280.86	293.96	299.20	296.91
Jewelry, silverware, and plated ware .....	391	7.72	7.70	8.06	8.05	-	294.13	296.45	304.67	310.73	-
Jewelry, precious metal .....	3911	7.80	7.72	8.07	8.08	-	290.16	289.50	295.36	303.00	-
Musical instruments .....	393	6.82	6.86	7.14	7.18	-	275.53	266.17	277.75	288.64	-
Toys and sporting goods .....	394	6.61	6.66	6.84	6.91	-	259.11	259.07	270.86	279.16	-
Dolls, games, toys, and children's vehicles .....	3942,4	6.37	6.44	6.84	6.87	-	248.43	247.30	266.76	272.05	-
Sporting and athletic goods, nec .....	3949	6.81	6.85	6.84	6.95	-	267.63	269.21	273.60	285.65	-
Pens, pencils, office, and art supplies .....	395	7.64	7.63	7.66	7.72	-	311.71	309.78	301.80	308.03	-
Costume jewelry and notions .....	396	5.89	5.89	6.10	6.07	-	223.82	219.11	240.95	245.23	-
Costume jewelry .....	3961	5.48	5.42	5.58	5.50	-	203.31	195.12	218.18	220.00	-
Miscellaneous manufactures .....	399	7.85	7.85	8.22	8.16	-	309.29	309.29	325.51	326.40	-
Signs and advertising displays .....	3993	8.41	8.36	8.65	8.51	-	335.56	333.56	345.14	342.10	-
<b>Nondurable goods</b> .....		8.61	8.67	8.83	8.85	8.86	338.37	337.26	346.14	351.35	349.97
Food and kindred products .....	20	8.53	8.59	8.68	8.72	8.75	335.23	336.73	338.52	343.57	344.75
Meat products .....	201	7.19	7.17	7.23	7.27	-	276.10	274.61	271.85	278.44	-
Meat packing plants .....	2011	7.97	8.05	8.07	8.10	-	320.39	320.39	313.92	318.33	-
Sausages and other prepared meats .....	2013	8.73	8.64	8.68	8.79	-	337.85	332.64	335.92	349.84	-
Poultry dressing plants .....	2016	5.69	5.69	5.85	5.90	-	205.98	207.69	209.43	218.30	-
Dairy products .....	202	9.01	9.07	9.42	9.41	-	372.11	373.68	385.28	386.75	-
Cheese, natural and processed .....	2022	8.43	8.58	8.69	8.76	-	336.36	340.63	338.04	344.27	-
Fluid milk .....	2026	9.33	9.38	9.84	9.79	-	391.86	393.96	413.28	411.18	-
Preserved fruits and vegetables .....	203	8.05	8.10	8.09	8.13	-	303.49	306.99	309.04	313.01	-
Canned specialties .....	2032	9.59	9.60	9.84	9.85	-	368.26	361.92	370.97	367.41	-
Canned fruits and vegetables .....	2033	8.21	8.22	8.10	8.13	-	311.16	315.65	311.85	315.44	-
Frozen fruits and vegetables .....	2037	7.49	7.67	7.46	7.56	-	269.64	289.16	270.80	281.23	-
Grain mill products .....	204	10.14	10.27	10.51	10.54	-	432.98	438.53	450.88	453.22	-
Flour and other grain mill products .....	2041	10.06	10.13	10.03	10.11	-	466.78	460.92	439.31	441.81	-
Prepared feeds, nec .....	2048	7.83	7.95	7.95	8.02	-	330.43	336.29	336.29	340.85	-
Bakery products .....	205	9.60	9.65	9.73	9.77	-	374.40	372.49	380.44	382.98	-
Bread, cake, and related products .....	2051	9.57	9.63	9.66	9.69	-	363.66	366.90	370.94	373.07	-
Cookies and crackers .....	2052	9.67	9.69	9.91	9.96	-	402.27	383.72	404.33	407.36	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
<b>Food and kindred products—Continued</b>											
Sugar and confectionery products .....	206	40.3	39.2	39.5	39.5		2.9	2.8	3.2	2.4	-
Cane and beet sugar .....	2061-3	44.6	42.3	44.4	40.3	-	6.4	5.7	6.6	3.6	
Confectionery products .....	2065	38.5	37.5	37.4	39.0		1.8	1.8	1.9	1.9	
Fats and oils .....	207	42.8	42.3	43.0	43.3		4.6	4.6	5.1	5.1	
Beverages .....	208	40.5	40.9	39.8	40.3		3.3	4.0	3.6	3.8	
Malt beverages .....	2082	43.0	43.0	41.4	42.4		4.8	5.8	5.7	6.3	
Bottled and canned soft drinks .....	2086	39.5	40.2	38.9	39.5		3.1	3.7	3.0	3.2	
Misc. food and kindred products .....	209	38.3	38.0	37.6	38.1	-	3.6	3.5	3.5	3.6	
Tobacco manufactures .....	21	37.7	34.9	36.6	37.5	37.0	.7	.8	.9	1.3	
Cigarettes .....	211	37.6	33.8	36.1	37.3	-	.6	.7	.7	1.2	
Textile mill products .....	22	39.0	38.4	40.1	40.6	40.7	2.6	2.8	3.5	3.7	-
Weaving mills, cotton .....	221	39.2	38.9	40.6	40.5	-	2.9	3.9	4.2	4.3	
Weaving mills, synthetics .....	222	38.7	37.4	39.5	40.0		2.6	2.2	3.0	3.0	
Weaving and finishing mills, wool .....	223	41.3	40.9	41.3	41.4		2.8	3.3	3.4	3.7	
Narrow fabric mills .....	224	39.9	39.5	40.4	41.1	-	2.1	2.1	2.7	2.9	
Knitting mills .....	225	37.2	36.6	38.6	39.7		1.8	1.8	2.7	3.0	-
Women's hosiery, except socks .....	2251	38.1	36.4	38.0	39.4		2.0	1.8	2.5	3.1	-
Hosiery, nec .....	2252	36.1	34.7	37.3	38.8		1.4	.9	2.2	2.4	
Knit outerwear mills .....	2253	36.2	36.0	38.0	38.6		1.6	1.7	2.3	2.4	-
Knit underwear mills .....	2254	35.6	34.9	37.1	39.4		.9	1.0	1.4	2.3	
Circular knit fabric mills .....	2257	39.7	39.8	41.4	42.3		3.0	3.3	4.8	5.1	-
Textile finishing, except wool .....	226	40.7	39.9	40.5	41.5		3.7	3.9	4.1	4.7	-
Finishing plants, cotton .....	2261	40.9	40.9	41.3	42.7		3.4	4.1	4.3	5.2	
Finishing plants, synthetics .....	2262	40.8	37.4	40.3	40.4		4.2	3.7	4.1	4.2	
Floor covering mills .....	227	41.4	40.0	39.9	39.9		3.2	3.4	3.9	3.6	
Yarn and thread mills .....	228	38.4	38.3	41.5	41.6		2.6	3.0	4.2	4.4	
Yarn mills, except wool .....	2281	38.1	38.1	42.1	42.3	-	2.8	3.0	4.7	4.8	
Throwing and winding mills .....	2282	37.6	38.2	39.1	38.0		2.4	3.3	3.3	2.9	-
Miscellaneous textile goods .....	229	41.6	41.1	43.3	43.1		3.1	3.3	4.2	4.3	
Apparel and other textile products .....	23	36.1	35.4	35.8	36.5	36.2	1.2	1.1	1.4	1.5	-
Men's and boys' suits and coats .....	231	35.6	34.1	34.1	35.1	-	.7	.5	.9	.9	-
Men's and boys' furnishings .....	232	36.0	35.6	36.0	37.1		1.0	.9	1.2	1.3	-
Men's and boys' shirts and nightwear .....	2321	35.3	34.8	36.4	37.7		.8	.6	1.5	1.6	-
Men's and boys' separate trousers .....	2327	35.0	33.8	35.7	35.9		.9	1.0	1.1	.8	-
Men's and boys' work clothing .....	2328	37.2	37.2	34.6	36.2	-	1.3	1.2	1.0	1.1	-
Women's and misses' outerwear .....	233	35.2	34.1	34.4	35.1		1.2	1.0	1.4	1.4	
Women's and misses' blouses and waists .....	2331	35.2	33.9	34.4	34.3		1.3	.8	1.2	1.2	-
Women's and misses' dresses .....	2335	34.1	32.9	34.1	35.0		.9	.9	1.0	1.2	
Women's and misses' suits and coats .....	2337	34.0	33.1	33.8	34.3		.6	.6	1.1	1.1	
Women's and misses' outerwear, nec .....	2339	36.5	35.3	34.9	35.7		1.5	1.2	1.8	1.8	
Women's and children's undergarments .....	234	36.0	34.9	36.5	36.7		1.5	.8	1.3	1.1	
Women's and children's underwear .....	2341	35.8	34.6	36.9	37.0		1.5	.7	1.3	1.0	
Brassieres and allied garments .....	2342	36.7	36.5	34.4	35.5		1.3	1.4	1.1	1.5	-
Children's outerwear .....	236	35.5	34.6	36.9	36.3		1.0	.7	1.7	1.6	
Children's dresses and blouses .....	2361	34.4	33.6	35.8	34.9		1.1	.7	1.5	1.5	-
Misc. apparel and accessories .....	238	37.3	36.9	35.5	37.2		1.2	1.0	.8	1.1	-
Misc. fabricated textile products .....	239	38.7	38.5	38.2	38.7		2.0	2.1	2.2	2.5	
Curtains and draperies .....	2391	36.7	36.7	36.2	36.6		.7	.4	.6	.9	-
House furnishings, nec .....	2392	37.7	37.1	37.0	37.1		1.8	2.0	1.8	1.8	
Automotive and apparel trimmings .....	2396	41.0	41.2	40.8	41.9		3.8	4.2	4.3	5.2	-
Paper and allied products .....	26	42.7	42.8	43.1	43.4	42.9	4.4	4.6	4.6	4.7	-
Paper and pulp mills .....	261,2,6	44.6	45.4	45.0	45.1	-	6.1	6.6	6.3	6.3	-
Paper mills, except building paper .....	262	44.7	45.6	45.0	45.1	-	6.2	6.6	6.4	6.4	-
Paperboard mills .....	263	44.1	44.3	44.4	44.7		6.8	7.3	6.7	6.5	-
Misc. converted paper products .....	264	41.4	41.4	41.9	42.3		3.0	2.9	3.3	3.4	
Paper coating and glazing .....	2641	43.0	42.6	43.2	43.6		3.2	2.6	3.4	3.4	
Envelopes .....	2642	41.9	41.4	42.3	42.2		3.2	3.0	3.3	3.3	-
Bags, except textile bags .....	2643	41.3	41.3	41.8	41.5		3.3	3.2	3.6	3.4	
Paperboard containers and boxes .....	265	41.8	41.3	42.0	42.5		3.6	3.7	3.7	4.0	-
Folding paperboard boxes .....	2651	42.0	41.6	41.8	43.0		3.5	3.5	3.5	4.3	-
Corrugated and solid fiber boxes .....	2653	42.2	41.7	42.7	43.0		3.9	4.0	4.0	4.2	
Sanitary food containers .....	2654	42.8	42.0	42.2	42.5		4.2	4.3	4.1	4.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
		<b>Nondurable goods—Continued</b>									
<b>Food and kindred products—Continued</b>											
Sugar and confectionery products .....	206	\$8.75	\$8.85	\$8.78	\$8.92	-	\$352.63	\$346.92	\$346.81	\$352.34	-
Cane and beet sugar .....	2061-3	10.28	10.35	10.00	10.72	-	458.49	437.81	444.00	432.02	-
Confectionery products .....	2065	7.60	7.65	7.59	7.74	-	292.60	286.88	283.87	301.86	-
Fats and oils .....	207	8.73	8.90	8.67	8.72	-	373.64	376.47	372.81	377.58	-
Beverages .....	208	11.03	11.18	11.57	11.60	-	446.72	457.26	460.49	467.48	-
Malt beverages .....	2082	15.36	15.65	16.32	16.28	-	660.48	672.95	675.65	690.27	-
Bottled and canned soft drinks .....	2086	8.44	8.56	8.90	8.99	-	333.38	344.11	346.21	355.11	-
Misc. food and kindred products .....	209	7.66	7.66	7.87	7.91	-	293.38	291.08	295.91	301.37	-
Tobacco manufactures .....	21	12.00	12.16	12.48	12.85	\$13.02	452.40	424.38	456.77	481.88	\$481.74
Cigarettes .....	211	14.14	14.34	15.17	15.29	-	531.66	484.69	547.64	570.32	-
Textile mill products .....	22	6.64	6.70	6.83	6.86	6.86	258.96	257.28	273.88	278.52	279.20
Weaving mills, cotton .....	221	6.92	7.06	7.08	7.10	-	271.26	274.63	287.45	287.55	-
Weaving mills, synthetics .....	222	7.10	7.15	7.27	7.30	-	274.77	267.41	287.17	292.00	-
Weaving and finishing mills, wool .....	223	6.98	6.99	7.23	7.24	-	288.27	285.89	298.60	299.74	-
Narrow fabric mills .....	224	6.27	6.29	6.51	6.54	-	250.17	248.46	263.00	268.79	-
Knitting mills .....	225	6.12	6.13	6.29	6.34	-	227.66	224.36	242.79	251.70	-
Women's hosiery, except socks .....	2251	5.92	5.91	6.23	6.32	-	225.55	215.12	236.74	249.01	-
Hosiery, nec .....	2252	5.76	5.78	6.02	6.02	-	207.94	200.57	224.55	233.58	-
Knit outerwear mills .....	2253	6.04	6.09	6.12	6.22	-	218.65	219.24	232.56	240.09	-
Knit underwear mills .....	2254	5.75	5.70	5.86	5.90	-	204.70	198.93	217.41	232.46	-
Circular knit fabric mills .....	2257	6.85	6.82	6.94	6.91	-	271.95	271.44	287.32	292.29	-
Textile finishing, except wool .....	226	7.03	7.08	7.18	7.20	-	286.12	282.49	290.79	298.80	-
Finishing plants, cotton .....	2261	7.09	7.12	7.15	7.22	-	289.98	291.21	295.30	308.29	-
Finishing plants, synthetics .....	2262	7.43	7.60	7.70	7.65	-	303.14	284.24	310.31	309.06	-
Floor covering mills .....	227	6.77	6.94	7.11	7.07	-	280.28	277.60	283.69	282.09	-
Yarn and thread mills .....	228	6.18	6.24	6.42	6.45	-	237.31	238.99	266.43	268.32	-
Yarn mills, except wool .....	2281	6.17	6.22	6.43	6.43	-	235.08	236.98	270.70	271.99	-
Throwing and winding mills .....	2282	6.09	6.22	6.44	6.46	-	228.98	237.60	251.80	245.48	-
Miscellaneous textile goods .....	229	7.41	7.48	7.74	7.80	-	308.26	307.43	335.14	336.18	-
Apparel and other textile products .....	23	5.73	5.74	5.78	5.79	5.80	206.85	203.20	206.92	211.34	209.96
Men's and boys' suits and coats .....	231	6.73	6.75	6.70	6.69	-	239.59	230.18	228.47	234.82	-
Men's and boys' furnishings .....	232	5.27	5.28	5.38	5.38	-	189.72	187.97	193.68	199.60	-
Men's and boys' shirts and nightwear .....	2321	5.05	5.05	5.14	5.16	-	178.27	175.74	187.10	194.53	-
Men's and boys' separate trousers .....	2327	5.35	5.39	5.28	5.31	-	187.25	182.18	188.50	190.63	-
Men's and boys' work clothing .....	2328	5.27	5.30	5.45	5.48	-	196.04	197.16	188.57	198.38	-
Women's and misses' outerwear .....	233	5.58	5.61	5.58	5.55	-	196.42	191.30	191.95	194.81	-
Women's and misses' blouses and waists .....	2331	5.13	5.10	5.15	5.12	-	180.58	172.89	177.16	175.62	-
Women's and misses' dresses .....	2335	5.83	5.90	5.79	5.79	-	198.80	194.11	197.44	202.65	-
Women's and misses' suits and coats .....	2337	6.35	6.40	6.42	6.44	-	215.90	211.84	217.00	220.89	-
Women's and misses' outerwear, nec .....	2339	5.34	5.37	5.36	5.30	-	194.91	189.56	187.06	189.21	-
Women's and children's undergarments .....	234	5.26	5.34	5.38	5.35	-	189.36	186.37	196.37	196.35	-
Women's and children's underwear .....	2341	5.17	5.23	5.24	5.21	-	185.09	180.96	193.36	192.77	-
Brassieres and allied garments .....	2342	5.70	5.83	6.11	6.07	-	209.19	212.80	210.18	215.49	-
Children's outerwear .....	236	5.11	5.06	5.14	5.20	-	181.41	175.08	189.67	188.76	-
Children's dresses and blouses .....	2361	4.98	4.93	4.97	5.03	-	171.31	165.65	177.93	175.55	-
Misc. apparel and accessories .....	238	5.44	5.52	5.59	5.63	-	206.64	203.69	198.45	209.44	-
Misc. fabricated textile products .....	239	6.85	6.86	7.02	7.10	-	265.10	264.11	268.16	274.77	-
Curtains and draperies .....	2391	5.30	5.33	5.52	5.56	-	194.51	195.61	199.82	203.50	-
House furnishings, nec .....	2392	5.87	5.88	5.92	5.91	-	221.30	218.15	219.04	219.26	-
Automotive and apparel trimmings .....	2396	10.70	10.61	11.17	11.31	-	438.70	437.13	455.74	473.89	-
Paper and allied products .....	26	10.64	10.72	10.99	11.02	11.04	454.33	458.82	473.67	478.27	473.62
Paper and pulp mills .....	261,2,6	12.79	12.86	13.31	13.36	-	570.43	583.84	598.95	602.54	-
Paper mills, except building paper .....	262	12.87	12.92	13.42	13.47	-	575.29	589.15	603.90	607.50	-
Paperboard mills .....	263	13.32	13.47	13.76	13.87	-	587.41	596.72	610.94	619.99	-
Misc. converted paper products .....	264	9.23	9.25	9.45	9.45	-	382.12	382.95	395.96	399.74	-
Paper coating and glazing .....	2641	10.59	10.62	10.84	10.86	-	455.37	452.41	468.29	473.50	-
Envelopes .....	2642	8.45	8.51	8.52	8.54	-	354.06	352.31	360.40	360.39	-
Bags, except textile bags .....	2643	8.70	8.74	8.92	9.00	-	359.31	360.96	372.86	373.50	-
Paperboard containers and boxes .....	265	9.05	9.13	9.42	9.46	-	378.29	377.07	395.64	402.05	-
Folding paperboard boxes .....	2651	9.27	9.36	9.77	9.86	-	389.34	389.38	408.39	423.98	-
Corrugated and solid fiber boxes .....	2653	9.35	9.42	9.68	9.71	-	394.57	392.81	413.34	417.53	-
Sanitary food containers .....	2654	8.72	8.86	8.98	8.97	-	373.22	372.12	378.96	381.23	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Printing and publishing .....	27	37.7	37.5	37.5	38.1	37.8	2.7	2.5	2.7	3.0	-
Newspapers .....	271	33.5	33.5	33.4	33.6	-	1.5	1.5	1.5	1.6	-
Periodicals .....	272	38.5	37.8	38.0	38.7	-	2.9	2.6	3.2	3.8	-
Books .....	273	40.1	39.5	39.4	39.9	-	3.0	2.5	3.2	3.8	-
Book publishing .....	2731	39.3	39.5	38.2	39.1	-	2.7	2.6	2.6	3.3	-
Book printing .....	2732	41.4	39.4	41.5	41.4	-	3.6	2.4	4.2	4.8	-
Miscellaneous publishing .....	274	37.2	37.1	36.2	36.5	-	2.8	2.2	2.0	2.1	-
Commercial printing .....	275	38.9	38.7	38.9	39.6	-	3.2	2.9	3.1	3.6	-
Commercial printing, letterpress .....	2751	38.4	38.6	38.3	39.0	-	2.6	2.6	2.5	2.8	-
Commercial printing, lithographic .....	2752	39.0	38.5	39.1	39.8	-	3.5	3.0	3.4	3.9	-
Manifold business forms .....	276	40.5	40.1	40.5	40.7	-	3.0	3.0	3.3	3.5	-
Blankbooks and bookbinding .....	278	38.5	38.1	37.7	38.3	-	2.1	2.0	1.9	1.8	-
Printing trade services .....	279	38.6	38.3	38.5	39.2	-	3.6	3.2	3.6	3.5	-
Chemicals and allied products .....	28	42.1	41.9	41.7	42.1	41.9	3.3	3.3	3.4	3.6	-
Industrial inorganic chemicals .....	281	41.9	41.9	41.7	42.0	-	3.2	3.3	3.1	3.2	-
Industrial inorganic chemicals, nec .....	2819	42.2	42.0	42.5	42.8	-	3.2	3.2	3.1	3.3	-
Plastics materials and synthetics .....	282	42.3	42.3	42.0	42.0	-	3.4	3.4	3.7	3.8	-
Plastics materials and resins .....	2821	43.5	43.5	43.0	43.4	-	4.4	4.5	4.5	4.6	-
Organic fibers, noncellulosic .....	2824	41.9	42.1	41.9	41.3	-	2.8	2.9	3.2	3.3	-
Drugs .....	283	41.3	40.8	41.3	42.2	-	2.7	2.6	3.0	3.3	-
Pharmaceutical preparations .....	2834	41.4	40.9	40.8	41.9	-	2.6	2.5	2.9	3.3	-
Soap, cleaners, and toilet goods .....	284	41.6	40.6	40.5	40.9	-	2.7	2.5	3.0	2.8	-
Soap and other detergents .....	2841	43.9	43.7	43.8	44.2	-	3.9	4.2	4.5	4.1	-
Toilet preparations .....	2844	40.2	38.6	38.3	39.1	-	1.9	1.6	2.2	2.4	-
Polishing, sanitation, and finishing preparations .....	2842,3	41.7	41.0	40.9	40.8	-	2.8	2.2	2.7	2.2	-
Paints and allied products .....	285	41.3	41.7	41.2	41.9	-	3.1	3.7	3.3	3.2	-
Industrial organic chemicals .....	286	43.2	43.5	43.2	43.3	-	3.9	3.8	4.0	4.0	-
Cyclic crudes and intermediates .....	2865	42.5	43.4	42.8	42.8	-	4.1	4.3	4.5	4.0	-
Gum, wood, and industrial organic chemicals, nec .....	2861,9	43.4	43.5	43.3	43.4	-	3.8	3.7	3.9	4.0	-
Agricultural chemicals .....	287	43.9	43.3	42.2	42.6	-	5.1	4.8	4.2	4.8	-
Miscellaneous chemical products .....	289	41.6	41.7	41.5	42.2	-	3.2	3.5	3.6	3.8	-
Petroleum and coal products .....	29	42.8	42.0	43.1	44.0	44.5	3.5	4.1	4.0	4.7	-
Petroleum refining .....	291	43.1	41.8	43.7	44.9	-	3.4	3.9	3.9	4.8	-
Paving and roofing materials .....	295	42.4	43.2	41.8	41.8	-	4.3	5.3	5.2	5.2	-
Rubber and misc. plastics products .....	30	41.1	40.9	41.0	41.3	41.0	3.5	3.4	3.7	3.7	-
Tires and inner tubes .....	301	42.6	42.8	42.6	42.5	-	4.1	3.6	4.6	4.7	-
Rubber and plastics footwear .....	302	36.1	33.8	38.1	38.3	-	.9	1.0	1.2	1.1	-
Reclaimed rubber, and rubber and plastics hose and belting .....	303,4	40.7	40.7	42.6	42.8	-	2.5	2.5	3.4	3.3	-
Fabricated rubber products, nec .....	306	41.5	41.0	41.0	41.5	-	3.3	3.1	3.1	3.2	-
Miscellaneous plastics products .....	307	40.9	40.7	40.8	41.2	-	3.5	3.5	3.7	3.8	-
Leather and leather products .....	31	36.5	36.9	36.0	36.3	36.2	1.2	1.3	1.1	1.3	-
Leather tanning and finishing .....	311	40.7	41.2	40.7	40.7	-	3.3	3.4	3.4	3.5	-
Footwear, except rubber .....	314	35.6	36.4	34.8	35.0	-	.9	1.2	.8	.9	-
Men's footwear, except athletic .....	3143	36.3	35.9	34.7	35.8	-	1.1	1.0	.7	.9	-
Women's footwear, except athletic .....	3144	34.4	36.5	34.2	33.6	-	.7	1.4	.9	.8	-
Luggage .....	316	38.6	38.3	38.8	38.5	-	1.3	1.4	1.6	1.6	-
Handbags and personal leather goods .....	317	36.6	36.0	36.3	37.2	-	1.0	.6	.6	.9	-
<b>Transportation and public utilities .....</b>		<b>39.3</b>	<b>39.2</b>	<b>39.1</b>	<b>39.3</b>	<b>39.2</b>	-	-	-	-	-
Railroad transportation:											
Class I railroads <sup>2</sup> .....	4011	43.8	42.8	44.3	44.5	-	-	-	-	-	-
Local and interurban passenger transit .....	41	33.7	33.5	33.9	34.0	-	-	-	-	-	-
Local and suburban transportation .....	411	38.2	38.7	38.4	38.2	-	-	-	-	-	-
Intercity highway transportation .....	413	38.0	38.5	40.9	39.3	-	-	-	-	-	-
Trucking and warehousing .....	42	38.4	38.1	37.3	37.8	-	-	-	-	-	-
Trucking and trucking terminals .....	421,3	38.4	38.1	37.3	37.8	-	-	-	-	-	-
Public warehousing .....	422	38.2	38.1	37.6	37.8	-	-	-	-	-	-
Pipe lines, except natural gas .....	46	39.6	40.4	44.2	44.0	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Printing and publishing .....	27	\$9.61	\$9.60	\$9.84	\$9.90	\$9.87	\$362.30	\$360.00	\$369.00	\$377.19	\$373.09
Newspapers .....	271	9.71	9.75	9.97	9.95	-	325.29	326.63	333.00	334.32	-
Periodicals .....	272	10.11	10.05	10.52	10.67	-	389.24	379.89	399.76	412.93	-
Books .....	273	8.44	8.38	8.61	8.59	-	338.44	331.01	339.23	342.74	-
Book publishing .....	2731	7.96	7.90	7.97	7.92	-	312.83	312.05	304.45	309.67	-
Book printing .....	2732	9.14	9.11	9.63	9.69	-	378.40	358.93	399.65	401.17	-
Miscellaneous publishing .....	274	8.62	8.65	8.81	8.81	-	320.66	320.92	318.92	321.57	-
Commercial printing .....	275	9.96	9.92	10.14	10.25	-	387.44	383.90	394.45	405.90	-
Commercial printing, letterpress .....	2751	9.40	9.42	9.66	9.70	-	360.96	363.61	369.98	378.30	-
Commercial printing, lithographic .....	2752	10.22	10.15	10.34	10.50	-	398.58	390.78	404.29	417.90	-
Manifold business forms .....	276	9.81	9.85	10.18	10.19	-	397.31	394.99	412.29	414.73	-
Blankbooks and bookbinding .....	278	7.56	7.68	7.72	7.74	-	291.06	292.61	291.04	296.44	-
Printing trade services .....	279	11.63	11.52	11.94	11.89	-	448.92	441.22	459.69	466.09	-
Chemicals and allied products .....	28	11.37	11.48	11.83	11.79	11.82	478.68	481.01	493.31	496.36	495.26
Industrial inorganic chemicals .....	281	12.60	12.64	12.97	13.00	-	527.94	529.62	540.85	546.00	-
Industrial inorganic chemicals, nec .....	2819	12.64	12.64	13.04	13.07	-	533.41	530.88	554.20	559.40	-
Plastics materials and synthetics .....	282	11.51	11.64	11.96	12.06	-	486.87	492.37	502.32	506.52	-
Plastics materials and resins .....	2821	12.43	12.55	13.08	13.06	-	540.71	545.93	562.44	566.80	-
Organic fibers, noncellulosic .....	2824	11.21	11.37	11.62	11.83	-	469.70	478.68	486.88	488.58	-
Drugs .....	283	10.59	10.66	11.02	11.01	-	437.37	434.93	455.13	464.62	-
Pharmaceutical preparations .....	2834	10.24	10.30	10.74	10.73	-	423.94	421.27	438.19	449.59	-
Soap, cleaners, and toilet goods .....	284	10.04	10.18	10.61	10.48	-	417.66	413.31	429.71	428.63	-
Soap and other detergents .....	2841	12.91	13.03	13.64	13.59	-	566.75	569.41	597.43	600.68	-
Toilet preparations .....	2844	8.42	8.63	8.89	8.84	-	338.48	333.12	340.49	345.64	-
Polishing, sanitation, and finishing preparations .....	2842,3	9.68	9.60	9.90	9.71	-	403.66	393.60	404.91	396.17	-
Paints and allied products .....	285	10.04	10.09	10.29	10.24	-	414.65	420.75	423.95	429.06	-
Industrial organic chemicals .....	286	13.78	13.97	14.14	14.01	-	595.30	607.70	610.85	606.63	-
Cyclic crudes and intermediates .....	2865	13.00	13.33	14.01	13.82	-	552.50	578.52	599.63	591.50	-
Gum, wood, and industrial organic chemicals, nec .....	2861,9	14.02	14.17	14.18	14.07	-	608.47	616.40	613.99	610.64	-
Agricultural chemicals .....	287	10.64	10.59	11.18	11.05	-	467.10	458.55	471.80	470.73	-
Miscellaneous chemical products .....	289	10.39	10.53	11.02	11.04	-	432.22	439.10	457.33	465.89	-
Petroleum and coal products .....	29	14.06	14.18	14.19	14.23	14.29	601.77	595.56	611.59	626.12	635.91
Petroleum refining .....	291	15.25	15.51	15.30	15.36	-	657.28	648.32	668.61	689.66	-
Paving and roofing materials .....	295	10.13	10.30	10.45	10.37	-	429.51	444.96	436.81	433.47	-
Rubber and misc. plastics products .....	30	8.46	8.48	8.68	8.71	8.68	347.71	346.83	355.88	359.72	355.88
Tires and inner tubes .....	301	13.00	12.90	13.51	13.61	-	553.80	552.12	575.53	578.43	-
Rubber and plastics footwear .....	302	5.45	5.41	5.95	5.98	-	196.75	182.86	226.70	229.03	-
Reclaimed rubber, and rubber and plastics hose and belting .....	303,4	8.24	8.28	8.49	8.48	-	335.37	337.00	361.67	362.94	-
Fabricated rubber products, nec .....	306	8.33	8.34	8.54	8.50	-	345.70	341.94	350.14	352.75	-
Miscellaneous plastics products .....	307	7.83	7.87	8.09	8.11	-	320.25	320.31	330.07	334.13	-
Leather and leather products .....	31	5.82	5.84	5.83	5.86	5.88	212.43	215.50	209.88	212.72	212.86
Leather tanning and finishing .....	311	7.66	7.72	7.48	7.55	-	311.76	318.06	304.44	307.29	-
Footwear, except rubber .....	314	5.55	5.54	5.55	5.57	-	197.58	201.66	193.14	194.95	-
Men's footwear, except athletic .....	3143	5.86	5.93	5.91	5.94	-	212.72	212.89	205.08	212.65	-
Women's footwear, except athletic .....	3144	5.32	5.26	5.32	5.31	-	183.01	191.99	181.94	178.42	-
Luggage .....	316	6.37	6.53	6.18	6.15	-	245.88	250.10	239.78	236.78	-
Handbags and personal leather goods .....	317	5.51	5.52	5.52	5.63	-	201.67	198.72	200.38	209.44	-
<b>Transportation and public utilities .....</b>		<b>11.24</b>	<b>11.27</b>	<b>11.63</b>	<b>11.60</b>	<b>11.62</b>	<b>441.73</b>	<b>441.78</b>	<b>454.73</b>	<b>455.88</b>	<b>455.50</b>
Railroad transportation:											
Class I railroads <sup>2</sup> .....	4011	13.38	13.62	13.91	13.64	-	586.04	582.94	616.21	606.98	-
Local and interurban passenger transit .....	41	7.50	7.63	7.91	7.92	-	252.75	255.61	268.15	269.28	-
Local and suburban transportation .....	411	8.00	8.04	8.30	8.33	-	305.60	311.15	318.72	318.21	-
Intercity highway transportation .....	413	11.07	11.25	11.59	11.74	-	420.66	433.13	474.03	461.38	-
Trucking and warehousing .....	42	10.52	10.49	10.69	10.69	-	403.97	399.67	398.74	404.08	-
Trucking and trucking terminals .....	421,3	10.70	10.66	10.87	10.85	-	410.88	406.15	405.45	410.13	-
Public warehousing .....	422	8.10	8.13	8.33	8.39	-	309.42	309.75	313.21	317.14	-
Pipe lines, except natural gas .....	46	15.40	15.18	15.12	15.09	-	609.84	613.27	668.30	663.96	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Transportation and public utilities—Continued</b>											
Communication .....	48	39.6	39.7	40.2	40.1	-	-	-	-	-	-
Telephone communication .....	481	40.2	40.5	41.4	41.3	-	-	-	-	-	-
Radio and television broadcasting .....	463	37.0	36.9	37.1	37.1	-	-	-	-	-	-
Electric, gas, and sanitary services .....	49	41.6	41.6	41.7	41.6	-	-	-	-	-	-
Electric services .....	491	41.6	41.7	41.6	41.6	-	-	-	-	-	-
Gas production and distribution .....	492	40.3	40.6	40.6	40.4	-	-	-	-	-	-
Combination utility services .....	493	42.7	42.4	42.4	42.3	-	-	-	-	-	-
Sanitary services .....	495	41.8	41.3	42.8	43.2	-	-	-	-	-	-
<b>Wholesale trade .....</b>		<b>38.5</b>	<b>38.4</b>	<b>38.3</b>	<b>38.5</b>	<b>38.6</b>	-	-	-	-	-
Durable goods .....	50	39.1	39.0	39.0	39.2	-	-	-	-	-	-
Motor vehicles and automotive equipment .....	501	38.4	38.4	38.2	38.5	-	-	-	-	-	-
Furniture and home furnishings .....	502	37.2	37.0	36.6	36.9	-	-	-	-	-	-
Lumber and construction materials .....	503	39.1	39.4	38.4	39.3	-	-	-	-	-	-
Sporting goods, toys, and hobby goods .....	504	38.5	37.8	38.1	38.0	-	-	-	-	-	-
Metals and minerals, except petroleum .....	505	40.4	40.2	40.6	40.4	-	-	-	-	-	-
Electrical goods .....	506	39.1	38.9	38.9	39.3	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	38.8	38.4	38.5	38.8	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	39.6	39.6	39.6	39.7	-	-	-	-	-	-
Miscellaneous durable goods .....	509	38.4	37.8	37.6	38.0	-	-	-	-	-	-
Nondurable goods .....	51	37.6	37.6	37.4	37.6	-	-	-	-	-	-
Paper and paper products .....	511	38.2	37.8	36.7	37.2	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	37.1	37.1	36.1	36.8	-	-	-	-	-	-
Apparel, piece goods, and notions .....	513	36.0	35.6	36.0	36.2	-	-	-	-	-	-
Groceries and related products .....	514	38.1	38.0	37.9	38.1	-	-	-	-	-	-
Chemicals and allied products .....	516	39.0	39.0	39.5	39.5	-	-	-	-	-	-
Petroleum and petroleum products .....	517	39.5	39.6	39.5	39.4	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	35.9	36.1	35.7	36.1	-	-	-	-	-	-
Miscellaneous nondurable goods .....	519	37.6	37.3	37.5	37.9	-	-	-	-	-	-
<b>Retail trade .....</b>		<b>29.4</b>	<b>29.4</b>	<b>28.7</b>	<b>29.0</b>	<b>29.0</b>	-	-	-	-	-
Building materials and garden supplies .....	52	36.1	36.2	35.5	35.7	-	-	-	-	-	-
Lumber and other building materials .....	521	38.1	38.2	37.5	38.0	-	-	-	-	-	-
Hardware stores .....	525	32.8	32.9	32.6	32.7	-	-	-	-	-	-
General merchandise stores .....	53	28.7	28.6	27.0	27.9	-	-	-	-	-	-
Department stores .....	531	28.6	28.5	26.8	27.8	-	-	-	-	-	-
Variety stores .....	533	29.0	29.3	27.7	28.7	-	-	-	-	-	-
Misc. general merchandise stores .....	539	29.8	29.4	28.8	29.5	-	-	-	-	-	-
Food stores .....	54	29.9	29.8	29.6	29.7	-	-	-	-	-	-
Grocery stores .....	541	30.1	29.9	29.8	29.9	-	-	-	-	-	-
Retail bakeries .....	546	28.5	28.2	28.9	28.7	-	-	-	-	-	-
Automotive dealers and service stations .....	55	37.0	37.1	36.2	36.5	-	-	-	-	-	-
New and used car dealers .....	551,2	38.0	37.9	37.2	37.4	-	-	-	-	-	-
Auto and home supply stores .....	553	40.1	40.4	38.7	39.0	-	-	-	-	-	-
Gasoline service stations .....	554	34.2	34.4	33.8	33.9	-	-	-	-	-	-
Apparel and accessory stores .....	56	27.6	27.5	26.4	27.0	-	-	-	-	-	-
Men's and boys' clothing and furnishings .....	561	30.4	30.5	29.7	29.4	-	-	-	-	-	-
Women's ready-to-wear stores .....	562	26.7	26.8	25.0	26.0	-	-	-	-	-	-
Family clothing stores .....	565	27.8	27.4	26.3	26.9	-	-	-	-	-	-
Shoe stores .....	566	27.0	26.6	27.2	27.6	-	-	-	-	-	-
Furniture and home furnishings stores .....	57	33.8	33.7	33.2	33.6	-	-	-	-	-	-
Furniture and home furnishings stores .....	571	34.1	33.8	33.0	33.4	-	-	-	-	-	-
Household appliance stores .....	572	33.6	34.3	32.8	33.6	-	-	-	-	-	-
Radio, television, and music stores .....	573	33.4	33.3	33.8	33.9	-	-	-	-	-	-
Eating and drinking places <sup>3</sup> .....	58	25.7	25.7	25.1	25.3	-	-	-	-	-	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>2</sup>	Apr. 1986 <sup>2</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>2</sup>	Apr. 1986 <sup>2</sup>
<b>Transportation and public utilities—Continued</b>											
Communication .....	48	\$11.49	\$11.52	\$12.03	\$12.02	-	\$455.00	\$457.34	\$483.61	\$482.00	-
Telephone communication .....	481	12.23	12.22	12.75	12.74	-	491.65	494.91	527.85	526.16	-
Radio and television broadcasting .....	483	9.93	10.11	10.82	10.83	-	367.41	373.06	401.42	401.79	-
Electric, gas, and sanitary services .....	49	12.72	12.67	13.29	13.29	-	529.15	527.07	554.19	552.86	-
Electric services .....	491	12.79	12.78	13.25	13.30	-	532.06	532.93	551.20	553.28	-
Gas production and distribution .....	492	11.60	11.60	12.39	12.45	-	467.48	470.96	503.03	502.98	-
Combination utility services .....	493	14.86	14.76	15.66	15.63	-	634.52	625.82	663.98	661.15	-
Sanitary services .....	495	9.49	9.33	9.63	9.49	-	396.68	385.33	412.16	409.97	-
<b>Wholesale trade .....</b>		<b>9.19</b>	<b>9.24</b>	<b>9.42</b>	<b>9.38</b>	<b>\$9.36</b>	<b>353.82</b>	<b>354.82</b>	<b>360.79</b>	<b>361.13</b>	<b>\$361.30</b>
Durable goods .....	50	9.23	9.30	9.51	9.47	-	360.89	362.70	370.89	371.22	-
Motor vehicles and automotive equipment .....	501	8.36	8.42	8.57	8.56	-	321.02	323.33	327.37	329.56	-
Furniture and home furnishings .....	502	8.02	8.22	8.45	8.48	-	298.34	304.14	310.96	312.91	-
Lumber and construction materials .....	503	8.74	8.67	8.78	8.70	-	341.73	341.60	337.15	341.91	-
Sporting goods, toys, and hobby goods .....	504	9.89	10.00	9.97	10.09	-	380.77	378.00	379.86	383.42	-
Metals and minerals, except petroleum .....	505	9.97	9.92	10.26	10.20	-	402.79	398.78	416.56	412.08	-
Electrical goods .....	506	9.63	9.74	9.94	9.78	-	376.53	378.89	386.67	384.35	-
Hardware, plumbing, and heating equipment .....	507	8.61	8.70	8.96	8.92	-	334.07	334.08	344.96	346.10	-
Machinery, equipment, and supplies .....	508	9.76	9.83	10.08	10.06	-	386.50	389.27	399.17	399.38	-
Miscellaneous durable goods .....	509	7.50	7.57	7.58	7.57	-	288.00	286.15	285.01	287.66	-
Nondurable goods .....	51	9.14	9.15	9.28	9.25	-	343.66	344.04	347.07	347.80	-
Paper and paper products .....	511	9.93	9.89	9.89	9.87	-	379.33	373.84	362.96	367.16	-
Drugs, proprietaries, and sundries .....	512	9.96	9.95	10.23	10.09	-	369.52	369.15	369.30	371.31	-
Apparel, piece goods, and notions .....	513	8.93	8.98	9.04	8.94	-	321.48	319.69	325.44	323.63	-
Groceries and related products .....	514	9.36	9.38	9.47	9.47	-	356.62	356.44	358.91	360.81	-
Chemicals and allied products .....	516	11.23	11.24	11.47	11.46	-	437.97	438.36	453.07	452.67	-
Petroleum and petroleum products .....	517	9.90	9.89	10.07	10.12	-	391.05	391.64	397.77	398.73	-
Beer, wine, and distilled beverages .....	518	10.77	10.87	10.72	10.86	-	386.64	392.41	382.70	392.05	-
Miscellaneous nondurable goods .....	519	7.38	7.41	7.64	7.53	-	277.49	276.39	286.50	285.39	-
<b>Retail trade .....</b>		<b>5.97</b>	<b>5.96</b>	<b>6.07</b>	<b>6.06</b>	<b>6.05</b>	<b>175.52</b>	<b>175.22</b>	<b>174.21</b>	<b>175.74</b>	<b>175.45</b>
Building materials and garden supplies .....	52	6.58	6.57	6.80	6.80	-	237.54	237.83	241.40	242.76	-
Lumber and other building materials .....	521	6.89	6.89	7.06	7.06	-	262.51	263.20	264.75	268.28	-
Hardware stores .....	525	5.73	5.73	5.80	5.77	-	187.94	188.52	189.08	188.68	-
General merchandise stores .....	53	5.83	5.85	6.21	6.25	-	167.32	167.31	167.67	174.38	-
Department stores .....	531	6.04	6.06	6.47	6.52	-	172.74	172.71	173.40	181.26	-
Variety stores .....	533	4.61	4.62	4.70	4.65	-	133.69	135.37	130.19	133.46	-
Misc. general merchandise stores .....	539	4.71	4.73	4.85	4.87	-	140.36	139.06	139.68	143.67	-
Food stores .....	54	7.50	7.43	7.22	7.20	-	224.25	221.41	213.71	213.84	-
Grocery stores .....	541	7.72	7.66	7.41	7.39	-	232.37	229.03	220.82	220.96	-
Retail bakeries .....	546	5.33	5.30	5.35	5.33	-	151.91	149.46	154.62	152.97	-
Automotive dealers and service stations .....	55	7.30	7.35	7.46	7.47	-	270.10	272.69	270.05	272.66	-
New and used car dealers .....	551,2	8.85	8.94	9.02	9.05	-	336.30	338.83	335.54	338.47	-
Auto and home supply stores .....	553	6.39	6.41	6.56	6.55	-	256.24	258.96	253.87	255.45	-
Gasoline service stations .....	554	5.30	5.32	5.39	5.39	-	181.26	183.01	182.18	182.72	-
Apparel and accessory stores .....	56	5.27	5.30	5.40	5.38	-	145.45	145.75	142.56	145.26	-
Men's and boys' clothing and furnishings .....	561	6.14	6.34	6.45	6.38	-	186.66	193.37	191.57	187.57	-
Women's ready-to-wear stores .....	562	5.02	5.05	5.11	5.10	-	134.03	135.34	127.75	132.60	-
Family clothing stores .....	565	5.19	5.14	5.34	5.33	-	144.28	140.84	140.44	143.38	-
Shoe stores .....	566	5.22	5.29	5.29	5.31	-	140.94	140.71	143.89	146.56	-
Furniture and home furnishings stores .....	57	7.19	7.29	7.42	7.40	-	243.02	245.67	246.34	248.64	-
Furniture and home furnishings stores .....	571	7.14	7.27	7.39	7.42	-	243.47	245.73	243.87	247.83	-
Household appliance stores .....	572	7.14	7.22	7.29	7.33	-	239.90	247.65	239.11	246.29	-
Radio, television, and music stores .....	573	7.31	7.36	7.52	7.41	-	244.15	245.09	254.18	251.20	-
Eating and drinking places <sup>3</sup> .....	58	4.36	4.36	4.40	4.38	-	112.05	112.05	110.44	110.81	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Retail trade—Continued</b>											
Miscellaneous retail .....	59	30.6	30.6	30.1	30.0	-	-	-	-	-	-
Drug stores and proprietary stores .....	591	29.6	29.6	28.4	28.5	-	-	-	-	-	-
Miscellaneous shopping goods stores .....	594	28.5	28.5	28.1	28.3	-	-	-	-	-	-
Nonstore retailers .....	596	33.6	33.2	31.5	32.3	-	-	-	-	-	-
Fuel and ice dealers .....	598	38.1	38.1	39.5	38.2	-	-	-	-	-	-
Retail stores, nec .....	599	31.6	32.3	33.4	31.6	-	-	-	-	-	-
<b>Finance, insurance, and real estate<sup>4</sup></b> .....		<b>36.4</b>	<b>36.4</b>	<b>36.7</b>	<b>36.6</b>	<b>36.3</b>	-	-	-	-	-
Banking .....	60	36.3	36.5	36.8	36.7	-	-	-	-	-	-
Commercial and stock savings banks .....	602	36.3	36.5	36.9	36.7	-	-	-	-	-	-
Credit agencies other than banks .....	61	37.3	37.3	37.7	37.9	-	-	-	-	-	-
Savings and loan associations .....	612	36.9	37.0	36.7	36.9	-	-	-	-	-	-
Personal credit institutions .....	614	37.2	37.4	37.8	37.9	-	-	-	-	-	-
Insurance carriers .....	63	37.3	37.2	37.9	38.0	-	-	-	-	-	-
Life insurance .....	631	37.0	37.0	37.3	37.3	-	-	-	-	-	-
Medical service and health insurance .....	632	38.2	38.1	38.1	38.9	-	-	-	-	-	-
Fire, marine, and casualty insurance .....	633	37.1	37.0	38.0	38.0	-	-	-	-	-	-
<b>Services</b> .....		<b>32.6</b>	<b>32.6</b>	<b>32.7</b>	<b>32.8</b>	<b>32.7</b>	-	-	-	-	-
Hotels and other lodging places:											
Hotels, motels, and tourist courts <sup>3</sup> .....	701	30.3	30.3	30.6	30.8	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services .....	721	34.2	34.1	33.4	33.9	-	-	-	-	-	-
Beauty shops <sup>3</sup> .....	723	30.7	30.5	30.0	30.3	-	-	-	-	-	-
Business services .....	73	33.7	33.6	33.7	33.8	-	-	-	-	-	-
Advertising .....	731	36.0	35.9	36.4	36.3	-	-	-	-	-	-
Services to buildings .....	734	28.8	28.7	28.8	28.8	-	-	-	-	-	-
Computer and data processing services .....	737	37.9	38.3	38.8	38.8	-	-	-	-	-	-
Auto repair, services, and garages .....	75	37.6	37.5	36.9	37.1	-	-	-	-	-	-
Automotive repair shops .....	753	39.3	38.9	37.9	38.1	-	-	-	-	-	-
Miscellaneous repair services .....	76	38.4	38.1	38.0	38.3	-	-	-	-	-	-
Motion pictures .....	78	29.1	29.2	29.5	29.1	-	-	-	-	-	-
Motion picture production and services .....	781	37.8	37.1	39.0	37.8	-	-	-	-	-	-
Amusement and recreation services .....	79	28.5	28.7	28.5	28.2	-	-	-	-	-	-
Health services .....	80	32.4	32.4	32.7	32.7	-	-	-	-	-	-
Offices of physicians .....	801	30.8	30.4	30.9	31.1	-	-	-	-	-	-
Offices of dentists .....	802	28.5	28.4	28.5	28.6	-	-	-	-	-	-
Nursing and personal care facilities .....	805	31.0	31.3	31.4	31.3	-	-	-	-	-	-
Hospitals .....	806	34.1	34.2	34.8	34.8	-	-	-	-	-	-
Legal services .....	81	34.3	34.4	34.5	34.7	-	-	-	-	-	-
Miscellaneous services .....	89	40.0	39.9	39.5	39.7	-	-	-	-	-	-
Engineering and architectural services .....	891	40.2	40.0	39.7	40.1	-	-	-	-	-	-
Accounting, auditing, and bookkeeping .....	893	40.7	41.0	40.1	40.0	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	1972 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Retail trade—Continued</b>											
Miscellaneous retail .....	59	\$5.96	\$5.97	\$6.15	\$6.15	-	\$182.38	\$182.68	\$185.12	\$184.50	-
Drug stores and proprietary stores .....	591	5.45	5.45	5.56	5.56	-	161.32	161.32	157.90	158.46	-
Miscellaneous shopping goods stores .....	594	5.71	5.68	5.87	5.86	-	162.74	161.88	164.95	165.84	-
Nonstore retailers .....	596	6.38	6.49	6.87	6.89	-	214.37	215.47	216.41	222.55	-
Fuel and ice dealers .....	598	8.47	8.40	9.01	8.83	-	322.71	320.04	355.90	337.31	-
Retail stores, nec .....	599	6.26	6.32	6.20	6.33	-	197.82	204.14	207.08	200.03	-
<b>Finance, insurance, and real estate<sup>4</sup></b> .....		<b>7.87</b>	<b>7.85</b>	<b>8.27</b>	<b>8.27</b>	<b>\$8.23</b>	<b>286.47</b>	<b>285.74</b>	<b>303.51</b>	<b>302.68</b>	<b>\$298.75</b>
Banking .....	60	6.75	6.75	7.08	7.13	-	245.03	246.38	260.54	261.67	-
Commercial and stock savings banks .....	602	6.60	6.60	6.93	6.97	-	239.58	240.90	255.72	255.80	-
Credit agencies other than banks .....	61	7.07	7.09	7.57	7.52	-	263.71	264.46	285.39	285.01	-
Savings and loan associations .....	612	6.49	6.51	7.13	7.07	-	239.48	240.87	261.67	260.88	-
Personal credit institutions .....	614	6.87	6.88	7.28	7.26	-	255.56	257.31	275.18	275.15	-
Insurance carriers .....	63	8.57	8.55	8.97	8.95	-	319.66	318.06	339.96	340.10	-
Life insurance .....	631	8.05	8.03	8.43	8.39	-	297.85	297.11	314.44	312.95	-
Medical service and health insurance .....	632	8.54	8.61	9.05	9.07	-	326.23	328.04	344.81	352.82	-
Fire, marine, and casualty insurance .....	633	8.96	8.91	9.34	9.31	-	332.42	329.67	354.92	353.78	-
<b>Services</b> .....		<b>7.87</b>	<b>7.89</b>	<b>8.22</b>	<b>8.22</b>	<b>8.18</b>	<b>256.56</b>	<b>257.21</b>	<b>268.79</b>	<b>269.62</b>	<b>267.49</b>
Hotels and other lodging places:											
Hotels, motels, and tourist courts <sup>3</sup> .....	701	5.70	5.73	5.90	5.83	-	172.71	173.62	180.54	179.56	-
Personal services:											
Laundry, cleaning, and garment services .....	721	5.75	5.77	5.99	6.00	-	196.65	196.76	200.07	203.40	-
Beauty shops <sup>3</sup> .....	723	5.92	5.94	6.01	6.26	-	181.74	181.17	180.30	189.68	-
Business services .....	73	8.11	8.16	8.49	8.48	-	273.31	274.18	286.11	286.62	-
Advertising .....	731	10.69	10.65	11.26	11.40	-	384.84	382.34	409.86	413.82	-
Services to buildings .....	734	6.21	6.26	6.45	6.45	-	178.85	179.66	185.76	185.76	-
Computer and data processing services .....	737	10.91	10.90	11.37	11.40	-	413.49	417.47	441.16	442.32	-
Auto repair, services, and garages .....	75	7.36	7.38	7.53	7.56	-	276.74	276.75	277.86	280.48	-
Automotive repair shops .....	753	7.95	8.00	8.18	8.21	-	312.44	311.20	310.02	312.80	-
Miscellaneous repair services .....	76	8.71	8.81	8.99	9.02	-	334.46	335.66	341.62	345.47	-
Motion pictures .....	78	12.30	11.72	11.92	12.74	-	357.93	342.22	351.64	370.73	-
Motion picture production and services .....	781	16.95	16.56	16.23	17.24	-	640.71	614.38	632.97	651.67	-
Amusement and recreation services .....	79	7.17	7.36	7.45	7.54	-	204.35	211.23	212.33	212.63	-
Health services .....	80	8.00	8.03	8.30	8.32	-	259.20	260.17	271.41	272.06	-
Offices of physicians .....	801	7.90	7.92	8.35	8.40	-	243.32	240.77	258.02	261.24	-
Offices of dentists .....	802	7.67	7.68	8.25	8.27	-	218.60	218.11	235.13	236.52	-
Nursing and personal care facilities .....	805	5.53	5.55	5.77	5.76	-	171.43	173.72	181.18	180.29	-
Hospitals .....	806	8.89	8.93	9.24	9.25	-	303.15	305.41	321.55	321.90	-
Legal services .....	81	10.28	10.30	11.11	11.13	-	352.60	354.32	383.30	386.21	-
Miscellaneous services .....	89	11.41	11.39	11.99	11.97	-	456.40	454.46	473.61	475.21	-
Engineering and architectural services .....	891	12.52	12.46	12.95	12.93	-	503.30	498.40	514.12	518.49	-
Accounting, auditing, and bookkeeping .....	893	9.33	9.36	10.08	10.11	-	379.73	383.76	404.21	404.40	-

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

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

<sup>3</sup> Money payments only; tips, not included.

<sup>4</sup> Data for nonoffice sales agents are excluded from all series in this

division.

- Data not available.

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 forward are subject to revision.

**ESTABLISHMENT DATA  
EARNINGS  
NOT SEASONALLY ADJUSTED**

**C-3. Average hourly earnings, excluding overtime<sup>1</sup> of production workers on manufacturing payrolls**

Industry	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Manufacturing</b> .....	\$9.09	\$9.13	\$9.31	\$9.31	\$9.32
<b>Durable goods</b> .....	9.61	9.64	9.87	9.87	9.87
Lumber and wood products .....	7.78	7.76	8.04	7.97	( <sup>1</sup> )
Furniture and fixtures .....	6.87	6.89	7.13	7.14	( <sup>1</sup> )
Stone, clay, and glass products .....	9.22	9.28	9.45	9.41	( <sup>1</sup> )
Primary metal industries .....	11.17	11.16	11.38	11.43	( <sup>1</sup> )
Fabricated metal products .....	9.24	9.27	9.42	9.44	( <sup>1</sup> )
Machinery, except electrical .....	9.74	9.80	10.12	10.16	( <sup>1</sup> )
Electrical and electronic equipment .....	9.08	9.13	9.29	9.31	( <sup>1</sup> )
Transportation equipment .....	11.94	11.96	12.20	12.22	( <sup>1</sup> )
Instruments and related products .....	8.82	8.87	9.13	9.11	( <sup>1</sup> )
Miscellaneous manufacturing .....	7.03	7.05	7.27	7.26	( <sup>1</sup> )
<b>Nondurable goods</b> .....	8.32	8.37	8.50	8.51	\$8.53
Food and kindred products .....	8.20	8.25	8.32	8.37	( <sup>1</sup> )
Tobacco manufactures .....	11.90	12.02	12.34	12.63	( <sup>1</sup> )
Textile mill products .....	6.43	6.47	6.55	6.56	( <sup>1</sup> )
Apparel and other textile products .....	5.63	5.66	5.67	5.67	( <sup>1</sup> )
Paper and allied products .....	10.11	10.18	10.44	10.45	( <sup>1</sup> )
Printing and publishing .....	9.27	9.29	9.51	9.52	( <sup>1</sup> )
Chemicals and allied products .....	10.94	11.04	11.36	11.31	( <sup>1</sup> )
Petroleum and coal products .....	13.51	13.52	13.56	13.51	( <sup>1</sup> )
Rubber and misc. plastics products .....	8.12	8.14	8.31	8.33	( <sup>1</sup> )
Leather and leather products .....	5.73	5.74	5.74	5.76	( <sup>1</sup> )

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

<sup>2</sup> Not available.

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1984 forward are subject to revision.

**C-4. Average hourly and weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by major industry, in current and constant (1977) dollars.**

Industry	Average hourly earnings					Average weekly earnings				
	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>	Mar. 1985	Apr. 1985	Feb. 1986	Mar. 1986 <sup>p</sup>	Apr. 1986 <sup>p</sup>
<b>Total private:</b>										
Current dollars .....	\$8.52	\$8.54	\$8.75	\$8.74	\$8.74	\$298.20	\$298.05	\$302.75	\$304.15	\$304.15
Constant (1977) dollars .....	4.90	4.89	4.91	4.94	( <sup>1</sup> )	171.68	170.80	169.99	171.74	( <sup>1</sup> )
<b>Mining:</b>										
Current dollars .....	11.91	11.93	12.27	12.28	\$12.34	519.28	516.57	520.25	520.67	\$521.98
Constant (1977) dollars .....	6.85	6.83	6.89	6.94	( <sup>1</sup> )	298.95	296.03	292.11	294.00	( <sup>1</sup> )
<b>Construction:</b>										
Current dollars .....	12.22	12.21	12.29	12.17	\$12.20	460.69	461.54	431.38	444.21	\$461.16
Constant (1977) dollars .....	7.03	7.00	6.90	6.87	( <sup>1</sup> )	265.22	264.49	242.21	250.82	( <sup>1</sup> )
<b>Manufacturing:</b>										
Current dollars .....	9.45	9.48	9.68	9.70	\$9.70	381.78	380.15	389.14	394.79	\$392.85
Constant (1977) dollars .....	5.44	5.43	5.44	5.48	( <sup>1</sup> )	219.79	217.85	218.50	222.92	( <sup>1</sup> )
<b>Transportation and public utilities:</b>										
Current dollars .....	11.24	11.27	11.63	11.60	\$11.62	441.73	441.78	454.73	455.88	\$455.50
Constant (1977) dollars .....	6.47	6.46	6.53	6.55	( <sup>1</sup> )	254.31	253.17	255.32	257.41	( <sup>1</sup> )
<b>Wholesale trade:</b>										
Current dollars .....	9.19	9.24	9.42	9.38	\$9.36	353.82	354.82	360.79	361.13	\$361.30
Constant (1977) dollars .....	5.29	5.29	5.29	5.30	( <sup>1</sup> )	203.70	203.34	202.58	203.91	( <sup>1</sup> )
<b>Retail trade:</b>										
Current dollars .....	5.97	5.96	6.07	6.06	\$6.05	175.52	175.22	174.21	175.74	\$175.45
Constant (1977) dollars .....	3.44	3.41	3.41	3.42	( <sup>1</sup> )	101.05	100.41	97.82	99.23	( <sup>1</sup> )
<b>Finance, insurance, and real estate:</b>										
Current dollars .....	7.87	7.85	8.27	8.27	\$8.23	286.47	285.74	303.51	302.68	\$298.75
Constant (1977) dollars .....	4.53	4.50	4.64	4.67	( <sup>1</sup> )	164.92	163.75	170.42	170.91	( <sup>1</sup> )
<b>Services:</b>										
Current dollars .....	7.87	7.89	8.22	8.22	\$8.18	256.56	257.21	268.79	269.62	\$267.49
Constant (1977) dollars .....	4.53	4.52	4.61	4.64	( <sup>1</sup> )	147.70	147.40	150.92	152.24	( <sup>1</sup> )

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

<sup>2</sup> Not available.

<sup>p</sup> = preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings series. Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced all unadjusted data from April 1984 forward are subject to revision.

**ESTABLISHMENT DATA  
HOURS  
SEASONALLY ADJUSTED**

**C-5. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by major industry and manufacturing group, seasonally adjusted**

Industry	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>p</sup>	Apr. <sup>p</sup>
<b>Total private</b> .....	35.0	35.1	35.1	35.0	35.1	35.1	35.1	35.0	35.1	35.2	35.0	35.0	35.0
<b>Mining</b> .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Construction</b> .....	38.0	37.6	37.2	37.6	37.5	37.9	37.9	37.4	37.1	38.5	36.3	36.9	38.0
<b>Manufacturing</b> .....	40.2	40.4	40.4	40.3	40.6	40.7	40.7	40.7	41.0	41.0	40.6	40.7	40.6
<i>Overtime hours</i> .....	3.4	3.1	3.2	3.2	3.3	3.3	3.4	3.4	3.6	3.6	3.4	3.4	3.5
<b>Durable goods</b> .....	40.9	41.1	41.2	41.0	41.3	41.3	41.3	41.3	41.7	41.7	41.3	41.4	41.2
<i>Overtime hours</i> .....	3.6	3.2	3.3	3.3	3.4	3.5	3.5	3.6	3.8	3.7	3.5	3.6	3.7
Lumber and wood products .....	39.5	39.8	40.1	39.7	40.0	40.1	40.3	39.9	40.2	40.4	39.9	40.2	40.1
Furniture and fixtures .....	39.3	38.9	38.9	38.8	39.2	39.4	39.4	39.4	40.1	40.4	39.7	39.6	39.2
Stone, clay, and glass products .....	42.0	42.1	41.9	42.0	42.0	42.0	42.1	41.6	41.7	42.8	41.8	41.8	42.5
Primary metal industries .....	41.0	41.2	41.6	41.4	41.7	41.5	41.8	41.8	42.2	41.8	42.1	42.0	41.0
Blast furnaces and basic steel products ..	40.2	40.7	41.2	41.2	41.8	41.0	41.7	42.0	41.9	41.6	41.7	41.7	40.1
Fabricated metal products .....	41.1	41.1	41.3	41.3	41.4	41.6	41.5	41.4	41.6	41.6	41.5	41.3	41.2
Machinery, except electrical .....	41.2	41.4	41.6	41.3	41.6	41.6	41.6	41.6	41.8	41.7	41.5	41.6	41.6
Electrical and electronic equipment .....	40.2	40.4	40.6	40.3	40.7	40.5	40.6	41.0	41.4	41.2	40.8	41.0	40.9
Transportation equipment .....	42.3	42.6	42.3	42.5	42.9	42.9	42.8	42.6	43.2	43.0	42.7	42.6	42.2
Motor vehicles and equipment .....	43.3	43.5	42.7	43.3	43.8	43.8	43.8	43.7	44.2	43.6	43.5	43.3	42.7
Instruments and related products .....	40.7	40.9	41.1	40.7	40.7	40.9	40.8	41.1	41.9	41.2	41.1	41.3	41.2
Miscellaneous manufacturing .....	39.0	39.3	39.4	39.0	39.3	39.8	39.9	39.7	40.0	40.4	39.8	39.9	39.9
<b>Nondurable goods</b> .....	39.1	39.4	39.4	39.4	39.6	39.8	39.9	39.8	40.1	40.0	39.6	39.8	39.7
<i>Overtime hours</i> .....	3.0	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.4	3.4	3.2	3.3	3.3
Food and kindred products .....	39.6	40.1	39.6	40.0	39.9	40.2	40.3	39.9	40.3	40.2	39.7	39.9	39.8
Tobacco manufactures .....	35.4	37.0	36.6	34.6	36.8	36.9	38.2	35.2	38.0	38.7	38.3	38.7	37.6
Textile mill products .....	38.8	38.9	39.4	39.1	40.0	40.7	40.7	41.0	41.3	40.9	40.4	40.6	41.2
Apparel and other textile products .....	35.6	36.2	36.3	36.3	36.4	36.5	36.6	36.8	37.0	37.0	36.2	36.5	36.5
Paper and allied products .....	43.0	43.0	42.9	42.7	43.0	43.1	43.3	43.3	43.6	43.7	43.6	43.6	43.1
Printing and publishing .....	37.6	37.4	37.5	37.5	37.9	38.0	37.9	37.8	38.2	38.0	37.8	38.0	37.9
Chemicals and allied products .....	41.9	41.9	42.0	41.8	41.8	41.6	41.7	41.9	42.0	41.9	41.8	42.1	41.9
Petroleum and coal products .....	42.0	41.7	42.6	42.9	43.3	43.4	44.3	43.1	43.7	43.6	43.7	44.5	44.5
Rubber and misc. plastics products .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Leather and leather products .....	37.0	37.1	37.0	37.0	37.3	37.8	37.9	37.7	37.8	37.6	36.6	36.9	36.3
<b>Transportation and public utilities</b> .....	39.4	39.5	39.5	39.2	39.6	39.5	39.5	39.4	39.5	39.4	39.5	39.5	39.4
<b>Wholesale trade</b> .....	38.6	38.7	38.8	38.6	38.6	38.7	38.6	38.7	38.7	38.8	38.7	38.7	38.8
<b>Retail trade</b> .....	29.7	29.9	29.9	29.7	29.6	29.6	29.5	29.5	29.3	29.5	29.4	29.4	29.3
<b>Finance, insurance, and real estate</b> .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Services</b> .....	32.7	32.8	32.8	32.7	32.8	32.8	32.9	32.8	32.8	32.9	32.9	33.0	32.8

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

<sup>2</sup> These series are not published seasonally adjusted because the seasonal components are small relative to the trend-cycle and/or irregular

components and consequently cannot be separated with sufficient precision.  
<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 forward are subject to revision.

**ESTABLISHMENT DATA  
HOURS  
SEASONALLY ADJUSTED**

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

(1977 = 100)

Industry	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	Apr. <sup>P</sup>
<b>Total private</b> .....	115.6	116.2	116.3	116.0	116.7	117.0	117.4	117.6	118.1	119.1	118.6	119.0	119.1
<b>Goods-producing</b> .....	99.1	99.1	98.6	98.5	99.1	99.2	99.7	99.5	100.4	101.8	99.6	99.7	100.1
<b>Mining</b> .....	113.6	114.0	112.6	111.1	110.5	110.4	109.7	109.5	109.0	111.9	105.1	100.6	96.6
<b>Construction</b> .....	125.7	124.4	122.4	124.3	124.8	127.1	127.7	125.9	125.5	134.6	126.2	128.2	134.2
<b>Manufacturing</b> .....	93.3	93.4	93.4	92.9	93.5	93.3	93.8	94.0	95.1	95.0	94.1	94.1	93.7
<b>Durable goods</b> .....	92.8	92.9	92.7	91.9	92.6	92.0	92.6	92.6	93.7	93.6	92.6	92.2	91.9
Lumber and wood products .....	93.2	94.0	94.1	94.3	95.8	96.0	97.8	97.7	98.9	100.2	98.5	98.7	98.2
Furniture and fixtures .....	104.7	102.6	102.8	102.6	104.7	104.2	104.4	104.7	107.1	107.9	106.0	106.3	105.2
Stone, clay, and glass products .....	87.8	88.0	87.4	87.6	87.8	87.6	88.0	87.4	88.0	90.9	89.5	89.1	91.2
Primary metal industries .....	66.9	66.9	67.2	66.3	66.0	65.5	66.5	67.0	68.4	67.1	67.4	66.2	64.3
Blast furnaces and basic steel products .....	54.6	54.4	54.3	54.1	52.7	52.2	53.3	55.6	56.0	55.1	55.0	53.6	53.2
Fabricated metal products .....	91.5	91.3	91.4	91.0	91.3	91.5	91.6	91.3	91.5	91.7	90.9	90.4	90.3
Machinery, except electrical .....	92.5	92.8	92.6	91.2	91.5	90.5	90.9	90.3	90.6	90.5	89.4	89.2	88.9
Electrical and electronic equipment .....	106.6	106.4	106.1	104.3	105.1	103.4	103.8	104.8	105.6	104.6	103.4	103.8	103.3
Transportation equipment .....	97.5	97.8	97.2	97.1	98.5	97.8	98.9	98.7	100.6	99.9	98.9	97.2	97.2
Motor vehicles and equipment .....	91.4	91.3	89.6	89.9	91.5	89.9	91.9	91.0	92.9	90.4	89.2	86.8	86.3
Instruments and related products .....	105.9	105.6	106.1	104.3	104.5	104.2	103.7	104.5	106.8	105.5	105.6	106.6	106.6
Miscellaneous manufacturing .....	81.7	82.3	81.9	79.9	81.7	81.9	82.1	82.3	82.9	84.3	84.0	83.9	83.6
<b>Nondurable goods</b> .....	94.1	94.3	94.3	94.4	94.9	95.3	95.7	95.9	97.3	97.1	96.4	96.9	96.4
Food and kindred products .....	97.1	98.6	98.4	98.1	98.5	98.8	99.0	98.4	100.8	100.3	100.1	100.6	99.6
Tobacco manufactures .....	82.0	84.0	83.1	78.5	81.8	83.8	85.0	79.9	84.5	86.1	85.2	86.1	83.6
Textile mill products .....	74.1	73.6	74.3	73.6	75.2	76.4	76.7	77.4	78.1	77.5	76.9	77.6	78.2
Apparel and other textile products .....	87.1	87.4	86.9	88.4	87.9	88.6	88.9	89.6	91.0	91.2	88.3	88.5	88.6
Paper and allied products .....	99.3	99.9	99.6	99.2	100.1	100.1	100.8	101.5	102.1	102.5	102.4	102.4	101.7
Printing and publishing .....	120.0	119.7	120.3	121.2	122.8	122.8	122.7	123.3	125.1	125.0	125.0	126.3	126.2
Chemicals and allied products .....	94.2	93.7	93.9	93.3	93.3	93.0	93.3	93.1	93.4	92.7	93.0	93.5	93.1
Petroleum and coal products .....	81.6	80.3	82.0	82.6	83.4	80.5	82.1	79.9	81.8	80.8	81.0	82.5	82.5
Rubber and misc. plastics products .....	109.6	109.1	108.7	108.5	108.6	109.1	110.4	112.0	113.2	114.1	113.7	114.2	112.5
Leather and leather products .....	66.1	66.3	65.6	67.5	67.1	68.0	68.2	67.8	68.0	66.7	64.0	64.1	62.1
<b>Service-producing</b> .....	124.7	125.7	126.1	125.7	126.4	126.8	127.2	127.6	127.9	128.7	129.1	129.7	129.5
<b>Transportation and public utilities</b> .....	107.5	108.2	108.2	107.5	108.1	108.7	109.0	109.2	109.6	109.3	109.3	109.4	108.9
<b>Wholesale trade</b> .....	118.8	119.5	120.2	119.6	120.0	120.5	120.6	121.1	121.4	122.3	122.2	122.3	122.9
<b>Retail trade</b> .....	116.7	118.2	118.5	117.8	118.0	118.1	118.2	118.4	117.9	119.6	119.8	120.3	120.2
<b>Finance, insurance, and real estate</b> .....	127.8	128.0	130.3	128.7	129.5	130.8	130.6	131.4	132.9	132.5	134.4	134.8	134.4
<b>Services</b> .....	138.9	139.8	139.9	140.1	141.4	141.8	142.9	143.3	143.8	144.6	145.0	146.2	145.8

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

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 forward are subject to revision.

**ESTABLISHMENT DATA  
EARNINGS  
SEASONALLY ADJUSTED**

**C-7. The Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, seasonally adjusted**

Industry	1985									1986			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>p</sup>	Apr. <sup>p</sup>
Hourly Earnings Index <sup>2</sup> (1977=100)													
<b>Total private</b> (in current dollars) .....	164.8	164.9	165.7	165.4	165.7	166.7	166.4	167.1	168.4	167.4	168.5	168.9	168.8
<b>Mining</b> .....	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )
<b>Construction</b> .....	150.4	150.0	149.3	149.1	149.4	150.0	149.4	148.9	150.5	149.2	150.0	148.8	150.0
<b>Manufacturing</b> .....	167.9	168.4	168.6	169.0	169.3	169.1	169.4	170.1	170.8	170.8	171.4	172.0	172.1
<b>Transportation and public utilities</b> .....	165.0	165.0	166.6	166.0	166.1	167.3	167.0	168.1	169.2	168.3	169.6	170.2	170.3
<b>Wholesale trade</b> .....	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )
<b>Retail trade</b> .....	155.6	155.9	155.9	155.8	155.8	157.2	156.7	157.4	158.9	157.1	157.8	158.1	158.1
<b>Finance, insurance, and real estate</b> .....	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )
<b>Services</b> .....	167.8	167.6	169.8	169.0	169.6	171.5	171.1	172.1	173.4	171.8	173.5	174.6	174.0
<b>Total private</b> (in constant dollars) <sup>4</sup> .....	94.4	94.3	94.5	94.2	94.2	94.6	94.1	94.1	94.4	93.5	94.6	95.3	( <sup>q</sup> )
Average hourly earnings													
<b>Total private</b> .....	\$8.54	\$8.55	\$8.59	\$8.57	\$8.60	\$8.65	\$8.64	\$8.67	\$8.74	\$8.67	\$8.72	\$8.74	\$8.74
<b>Mining</b> .....	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )	( <sup>q</sup> )
<b>Construction</b> .....	\$12.26	\$12.25	\$12.23	\$12.23	\$12.26	\$12.30	\$12.26	\$12.28	\$12.36	\$12.19	\$12.23	\$12.17	\$12.25
<b>Manufacturing</b> .....	9.48	9.49	9.51	9.53	9.56	9.56	9.58	9.61	9.66	9.62	9.66	9.68	9.70
<b>Transportation and public utilities</b> .....	11.30	11.31	11.40	11.36	11.41	11.49	11.44	11.50	11.55	11.52	11.62	11.63	11.65
<b>Wholesale trade</b> .....	9.22	9.24	9.32	9.27	9.27	9.32	9.26	9.34	9.41	9.31	9.40	9.42	9.34
<b>Retail trade</b> .....	5.94	5.96	5.94	5.95	5.96	6.00	5.99	6.00	6.06	6.00	6.02	6.04	6.03
<b>Finance, insurance, and real estate</b> .....	7.85	7.81	7.98	7.90	7.95	8.05	8.01	8.07	8.16	8.05	8.21	8.26	8.23
<b>Services</b> .....	7.88	7.89	7.97	7.94	7.97	8.03	8.03	8.08	8.13	8.07	8.16	8.21	8.17
Average weekly earnings													
<b>Total private:</b>													
In current dollars .....	298.90	300.11	301.51	299.95	301.86	303.62	303.26	303.45	306.77	305.18	305.20	305.90	305.90
In constant (1977) dollars <sup>4</sup> .....	171.19	171.69	172.00	170.81	171.61	172.32	171.62	170.86	171.96	170.49	171.27	172.63	( <sup>q</sup> )

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

<sup>2</sup> Excludes the effects of two types of changes that are unrelated to underlying wage rate movements: Fluctuations in overtime in manufacturing and interindustry employment shifts.

<sup>3</sup> These series are not published seasonally adjusted because the seasonal components are small relative to the trend-cycle and/or irregular

components and consequently cannot be separated with sufficient precision.

<sup>4</sup> The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these series.

<sup>5</sup> Not available.

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1984 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1981 forward are subject to revision.

**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**C-8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>
<b>Alabama</b> .....	40.3	40.7	40.3	\$8.41	\$8.71	\$8.78	\$338.92	\$354.50	\$353.83
Birmingham .....	39.8	41.8	41.5	8.72	8.90	8.90	347.06	372.02	369.35
Mobile .....	43.2	( <sup>1</sup> )	( <sup>1</sup> )	9.60	( <sup>1</sup> )	( <sup>1</sup> )	414.72	( <sup>1</sup> )	( <sup>1</sup> )
<b>Alaska</b> .....	39.5	42.5	43.3	13.25	\$12.31	\$12.18	523.38	\$523.18	\$527.39
<b>Arizona</b> .....	41.0	40.9	40.6	9.37	9.67	9.64	384.17	395.50	391.38
Phoenix .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Tucson .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Arkansas</b> .....	39.8	38.7	40.0	7.52	7.74	7.73	299.30	299.54	309.20
Fayetteville-Springdale .....	39.1	39.8	40.7	6.53	6.85	6.70	255.32	272.63	272.69
Fort Smith .....	39.6	39.4	39.4	7.87	8.14	8.15	311.65	320.72	321.11
Little Rock-North Little Rock .....	40.0	38.3	40.6	8.16	8.41	8.38	326.40	322.10	340.23
Pine Bluff .....	41.4	( <sup>1</sup> )	( <sup>1</sup> )	9.10	( <sup>1</sup> )	( <sup>1</sup> )	376.74	( <sup>1</sup> )	( <sup>1</sup> )
<b>California</b> .....	40.4	40.0	40.4	10.02	\$10.25	\$10.26	404.81	\$410.00	\$414.50
<b>Colorado</b> .....	40.6	40.5	40.5	9.39	9.51	9.53	381.23	385.16	385.97
Denver .....	41.6	( <sup>1</sup> )	( <sup>1</sup> )	9.99	( <sup>1</sup> )	( <sup>1</sup> )	415.58	( <sup>1</sup> )	( <sup>1</sup> )
<b>Connecticut</b> .....	42.2	41.7	41.9	9.46	\$9.80	\$9.84	399.21	\$408.66	\$412.30
Bridgeport-Milford .....	41.5	40.9	41.2	10.08	10.23	10.27	418.32	418.41	423.12
Hartford .....	42.5	42.0	42.0	9.92	10.19	10.25	421.60	427.98	430.50
New Britain .....	42.1	( <sup>1</sup> )	( <sup>1</sup> )	9.56	( <sup>1</sup> )	( <sup>1</sup> )	402.48	( <sup>1</sup> )	( <sup>1</sup> )
New Haven-Meriden .....	41.0	41.2	41.6	9.07	\$9.41	\$9.51	371.87	\$387.89	\$395.62
Stamford .....	42.5	( <sup>1</sup> )	( <sup>1</sup> )	9.23	( <sup>1</sup> )	( <sup>1</sup> )	392.28	( <sup>1</sup> )	( <sup>1</sup> )
Waterbury .....	43.2	43.4	43.6	7.89	\$8.32	\$8.37	340.85	\$361.09	\$364.93
<b>Delaware</b> .....	42.1	41.1	41.9	9.68	10.07	10.07	407.53	413.88	421.93
Wilmington .....	42.7	41.9	42.7	11.05	11.74	11.63	471.84	491.91	498.60
<b>District of Columbia:</b>									
Washington MSA .....	38.7	37.5	39.2	10.28	10.71	10.46	397.84	401.63	410.03
<b>Florida</b> .....	40.5	40.9	41.0	7.79	7.98	7.99	315.50	326.38	327.59
Fort Lauderdale-Hollywood-Pompano Beach .....	41.5	( <sup>1</sup> )	( <sup>1</sup> )	7.65	( <sup>1</sup> )	( <sup>1</sup> )	317.48	( <sup>1</sup> )	( <sup>1</sup> )
Jacksonville .....	41.4	41.5	40.9	8.14	\$8.11	\$8.05	337.00	\$336.57	\$329.25
Lakeland-Winter Haven .....	40.2	( <sup>1</sup> )	( <sup>1</sup> )	7.68	( <sup>1</sup> )	( <sup>1</sup> )	308.74	( <sup>1</sup> )	( <sup>1</sup> )
Miami-Hialeah .....	38.0	39.6	39.5	6.64	\$6.88	\$6.81	252.32	\$272.45	\$269.00
Orlando .....	41.4	42.3	42.3	8.33	8.19	8.16	344.86	346.44	345.17
Pensacola .....	38.9	( <sup>1</sup> )	( <sup>1</sup> )	9.42	( <sup>1</sup> )	( <sup>1</sup> )	366.44	( <sup>1</sup> )	( <sup>1</sup> )
Tampa-St. Petersburg-Clearwater .....	41.0	39.9	40.8	7.41	\$7.61	\$7.65	303.81	\$303.64	\$312.12
West Palm Beach-Boca Raton-Delray Beach .....	42.9	( <sup>1</sup> )	( <sup>1</sup> )	7.73	( <sup>1</sup> )	( <sup>1</sup> )	331.62	( <sup>1</sup> )	( <sup>1</sup> )
<b>Georgia</b> .....	40.0	40.1	40.3	7.94	\$8.13	\$8.19	317.60	\$326.01	\$330.06
Atlanta .....	40.3	( <sup>1</sup> )	( <sup>1</sup> )	9.21	( <sup>1</sup> )	( <sup>1</sup> )	371.16	( <sup>1</sup> )	( <sup>1</sup> )
Savannah .....	43.9	( <sup>1</sup> )	( <sup>1</sup> )	9.96	( <sup>1</sup> )	( <sup>1</sup> )	437.24	( <sup>1</sup> )	( <sup>1</sup> )
<b>Hawaii</b> .....	37.8	38.4	39.7	8.58	\$8.82	\$8.85	324.32	\$338.69	\$351.35
Honolulu .....	38.4	38.7	40.1	8.72	8.99	9.03	334.85	347.91	362.10
<b>Idaho</b> .....	37.4	36.8	37.4	9.07	9.48	9.22	339.22	348.86	344.83
<b>Illinois</b> .....	40.5	40.1	40.6	10.26	10.54	10.60	415.53	422.65	430.36
Aurora-Elgin .....	39.6	( <sup>1</sup> )	( <sup>1</sup> )	10.02	( <sup>1</sup> )	( <sup>1</sup> )	396.79	( <sup>1</sup> )	( <sup>1</sup> )
Bloomington-Normal .....	40.7	40.8	41.4	10.74	\$10.67	\$10.62	437.12	\$435.34	\$447.95
Champaign-Urbana-Rantoul .....	38.7	39.8	40.0	9.29	9.36	9.30	359.52	372.53	372.00
Chicago .....	41.3	41.3	41.8	10.08	10.29	10.33	416.30	424.98	431.79
Davenport-Rock Island-Moline .....	39.8	39.7	38.9	12.32	12.39	12.15	490.34	491.88	472.64
Decatur .....	41.1	41.7	40.5	13.14	13.23	13.22	540.05	551.69	535.41
Joliet .....	39.5	( <sup>1</sup> )	( <sup>1</sup> )	11.35	( <sup>1</sup> )	( <sup>1</sup> )	448.33	( <sup>1</sup> )	( <sup>1</sup> )
Kankakee .....	37.8	( <sup>1</sup> )	( <sup>1</sup> )	9.75	( <sup>1</sup> )	( <sup>1</sup> )	368.55	( <sup>1</sup> )	( <sup>1</sup> )
Lake County .....	40.6	( <sup>1</sup> )	( <sup>1</sup> )	10.15	( <sup>1</sup> )	( <sup>1</sup> )	412.09	( <sup>1</sup> )	( <sup>1</sup> )
Peoria .....	41.1	43.3	42.3	12.50	\$12.82	\$12.77	513.75	\$555.11	\$540.17
Rockford .....	42.0	42.1	43.2	10.45	11.16	11.30	438.90	469.84	488.16
Springfield .....	42.0	39.4	40.6	11.43	11.55	11.35	480.06	455.07	460.81

See footnotes at end of table.



**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**  
**NOT SEASONALLY ADJUSTED**

**C-8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Indiana</b> .....	41.2	41.3	41.4	\$10.67	\$10.89	\$10.87	\$439.60	\$449.76	\$450.02
Gary-Hammond .....	40.8	( <sup>1</sup> )	( <sup>1</sup> )	13.85	( <sup>1</sup> )	( <sup>1</sup> )	565.08	( <sup>1</sup> )	( <sup>1</sup> )
Indianapolis .....	41.4	( <sup>1</sup> )	( <sup>1</sup> )	11.04	( <sup>1</sup> )	( <sup>1</sup> )	457.06	( <sup>1</sup> )	( <sup>1</sup> )
<b>Iowa</b> .....	39.9	40.0	40.3	10.29	\$10.41	\$10.46	410.57	\$416.40	\$421.54
Cedar Rapids .....	40.4	39.9	39.6	11.10	11.05	11.22	448.44	440.90	444.31
Des Moines .....	39.8	40.1	41.1	11.81	11.56	11.82	470.04	463.56	485.80
Dubuque .....	40.6	( <sup>1</sup> )	( <sup>1</sup> )	11.42	( <sup>1</sup> )	( <sup>1</sup> )	463.65	( <sup>1</sup> )	( <sup>1</sup> )
Sioux City .....	37.7	38.1	37.7	8.20	\$8.29	\$8.74	308.14	\$315.85	\$329.50
Waterloo-Cedar Falls .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Kansas</b> .....	39.0	39.8	39.8	9.26	9.57	9.58	361.14	380.89	381.28
Topeka .....	41.4	40.6	40.6	10.04	11.12	10.96	415.66	451.47	444.98
Wichita .....	38.2	38.3	38.3	10.00	9.78	9.89	382.00	374.57	378.79
<b>Kentucky</b> .....	39.3	37.7	39.4	9.40	9.67	9.76	369.42	364.56	384.54
Lexington-Fayette .....	40.3	( <sup>1</sup> )	( <sup>1</sup> )	10.03	( <sup>1</sup> )	( <sup>1</sup> )	404.21	( <sup>1</sup> )	( <sup>1</sup> )
Louisville .....	40.3	39.4	40.5	10.49	\$10.79	\$10.87	422.75	\$425.13	\$440.24
<b>Louisiana</b> .....	41.8	40.7	41.1	10.38	10.63	10.57	433.88	432.64	434.43
Baton Rouge .....	44.5	42.6	42.0	12.72	12.34	12.22	566.04	525.68	513.24
New Orleans .....	41.3	39.4	39.8	10.42	10.83	10.62	430.35	426.70	422.68
Shreveport .....	41.0	37.0	38.2	10.64	10.23	10.62	436.24	378.51	405.68
<b>Maine</b> .....	39.7	40.3	40.1	8.40	8.59	8.58	333.48	346.18	344.06
Lewiston-Auburn .....	37.7	( <sup>1</sup> )	( <sup>1</sup> )	6.79	( <sup>1</sup> )	( <sup>1</sup> )	255.98	( <sup>1</sup> )	( <sup>1</sup> )
Portland .....	39.0	39.5	38.4	8.78	\$9.03	\$9.20	342.42	\$356.69	\$353.28
<b>Maryland</b> .....	40.7	39.7	40.6	9.50	9.99	10.04	386.65	396.60	407.62
Baltimore MSA .....	41.2	( <sup>1</sup> )	( <sup>1</sup> )	10.15	( <sup>1</sup> )	( <sup>1</sup> )	418.18	( <sup>1</sup> )	( <sup>1</sup> )
<b>Massachusetts</b> .....	40.4	41.3	41.6	8.93	\$9.01	\$9.04	360.77	\$372.11	\$376.06
Boston .....	40.7	40.3	40.8	9.48	9.85	9.87	385.84	396.96	402.70
Brockton .....	38.5	( <sup>1</sup> )	( <sup>1</sup> )	6.95	( <sup>1</sup> )	( <sup>1</sup> )	267.58	( <sup>1</sup> )	( <sup>1</sup> )
Fall River .....	36.9	( <sup>1</sup> )	( <sup>1</sup> )	6.74	( <sup>1</sup> )	( <sup>1</sup> )	248.71	( <sup>1</sup> )	( <sup>1</sup> )
Lawrence-Haverhill .....	40.4	( <sup>1</sup> )	( <sup>1</sup> )	8.67	( <sup>1</sup> )	( <sup>1</sup> )	350.27	( <sup>1</sup> )	( <sup>1</sup> )
Lowell .....	42.4	( <sup>1</sup> )	( <sup>1</sup> )	8.22	( <sup>1</sup> )	( <sup>1</sup> )	348.53	( <sup>1</sup> )	( <sup>1</sup> )
New Bedford .....	39.6	( <sup>1</sup> )	( <sup>1</sup> )	7.63	( <sup>1</sup> )	( <sup>1</sup> )	302.15	( <sup>1</sup> )	( <sup>1</sup> )
Springfield .....	41.4	41.8	42.1	8.81	\$8.95	\$8.94	364.73	\$374.11	\$376.37
Worcester .....	40.9	39.9	40.1	8.87	9.30	9.30	362.78	371.07	372.93
<b>Michigan</b> .....	42.9	43.2	43.2	12.55	12.79	12.88	538.39	552.53	556.42
Ann Arbor .....	44.0	44.4	44.0	13.17	13.48	13.55	579.48	598.51	596.20
Battle Creek .....	41.9	( <sup>1</sup> )	( <sup>1</sup> )	12.68	( <sup>1</sup> )	( <sup>1</sup> )	531.29	( <sup>1</sup> )	( <sup>1</sup> )
Detroit .....	43.3	44.0	44.1	13.22	\$13.78	\$13.89	572.43	\$606.32	\$612.55
Flint .....	45.7	45.8	46.5	14.84	14.69	14.60	678.19	672.80	678.90
Grand Rapids .....	41.1	40.6	40.9	10.62	10.51	10.49	436.48	426.71	429.04
Jackson .....	42.5	( <sup>1</sup> )	( <sup>1</sup> )	9.77	( <sup>1</sup> )	( <sup>1</sup> )	415.22	( <sup>1</sup> )	( <sup>1</sup> )
Kalamazoo .....	42.6	43.8	43.8	11.76	\$11.82	\$11.87	500.98	\$517.72	\$519.91
Lansing-East Lansing .....	44.1	42.0	42.4	14.42	14.50	14.50	635.92	609.00	614.80
Muskegon .....	40.7	( <sup>1</sup> )	( <sup>1</sup> )	11.20	( <sup>1</sup> )	( <sup>1</sup> )	455.84	( <sup>1</sup> )	( <sup>1</sup> )
Saginaw-Bay City-Midland .....	44.7	45.1	43.5	14.28	\$14.01	\$14.47	638.32	\$631.85	\$629.44
<b>Minnesota</b> .....	40.3	40.2	40.8	9.98	10.27	10.30	402.19	412.85	420.24
Duluth .....	39.1	37.0	37.3	10.63	10.91	10.94	415.63	403.67	408.06
Minneapolis-St. Paul .....	40.9	40.8	40.1	10.56	11.02	11.09	431.90	449.62	444.71
St. Cloud .....	41.0	39.2	40.6	9.30	9.39	9.31	381.30	368.09	377.99
<b>Mississippi</b> .....	40.6	39.4	40.5	7.19	7.42	7.43	291.91	292.35	300.82
Jackson .....	40.8	40.0	40.3	8.11	8.35	8.26	330.89	334.00	332.88
<b>Missouri</b> .....	40.1	40.3	40.4	9.46	9.89	9.90	379.35	398.57	399.96
Kansas City .....	41.4	39.8	40.2	10.85	11.19	11.14	449.19	445.36	447.83
St. Joseph .....	36.8	( <sup>1</sup> )	( <sup>1</sup> )	8.50	( <sup>1</sup> )	( <sup>1</sup> )	312.80	( <sup>1</sup> )	( <sup>1</sup> )
St. Louis .....	40.0	40.4	40.9	10.89	\$11.31	\$11.37	435.60	\$456.92	\$465.03
Springfield .....	39.0	41.1	41.5	8.75	8.92	9.06	341.25	366.61	375.99
<b>Montana</b> .....	38.8	39.3	40.6	10.79	11.12	10.82	418.65	437.02	439.29

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**C-8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>
<b>Nebraska</b> .....	39.9	39.6	39.5	\$8.93	\$9.24	\$9.31	\$356.31	\$365.90	\$367.75
Lincoln .....	38.7	39.6	39.1	9.44	9.68	9.81	365.33	383.33	383.57
Omaha .....	39.7	40.5	40.0	9.57	9.75	9.91	379.93	394.88	396.40
<b>Nevada</b> .....	41.4	38.8	39.7	9.06	9.01	9.07	375.08	349.59	360.08
Las Vegas .....	40.1	35.8	38.6	11.14	11.09	10.82	446.71	397.02	417.65
<b>New Hampshire</b> .....	40.7	41.1	40.8	8.26	8.67	8.77	336.18	356.34	357.82
Manchester .....	40.1	( <sup>b</sup> )	( <sup>b</sup> )	8.02	( <sup>b</sup> )	( <sup>b</sup> )	321.60	( <sup>b</sup> )	( <sup>b</sup> )
Nashua .....	41.0	41.4	41.6	9.71	\$10.10	\$10.60	398.11	\$418.14	\$440.96
<b>New Jersey</b> .....	41.0	40.7	41.2	9.71	10.11	10.12	398.11	411.48	416.94
Atlantic City .....	37.1	( <sup>b</sup> )	( <sup>b</sup> )	8.65	( <sup>b</sup> )	( <sup>b</sup> )	320.92	( <sup>b</sup> )	( <sup>b</sup> )
Bergen-Passaic .....	40.9	( <sup>b</sup> )	( <sup>b</sup> )	9.14	( <sup>b</sup> )	( <sup>b</sup> )	373.83	( <sup>b</sup> )	( <sup>b</sup> )
Camden .....	40.3	( <sup>b</sup> )	( <sup>b</sup> )	9.74	( <sup>b</sup> )	( <sup>b</sup> )	392.52	( <sup>b</sup> )	( <sup>b</sup> )
Jersey City .....	40.0	( <sup>b</sup> )	( <sup>b</sup> )	8.57	( <sup>b</sup> )	( <sup>b</sup> )	342.80	( <sup>b</sup> )	( <sup>b</sup> )
Middlesex-Somerset-Hunterdon .....	42.2	( <sup>b</sup> )	( <sup>b</sup> )	10.43	( <sup>b</sup> )	( <sup>b</sup> )	440.15	( <sup>b</sup> )	( <sup>b</sup> )
Newark .....	41.4	( <sup>b</sup> )	( <sup>b</sup> )	9.64	( <sup>b</sup> )	( <sup>b</sup> )	399.10	( <sup>b</sup> )	( <sup>b</sup> )
Trenton .....	41.0	( <sup>b</sup> )	( <sup>b</sup> )	10.18	( <sup>b</sup> )	( <sup>b</sup> )	417.38	( <sup>b</sup> )	( <sup>b</sup> )
<b>New Mexico</b> .....	38.4	38.7	38.7	8.18	\$8.59	\$8.43	314.11	\$332.43	\$326.24
Albuquerque .....	38.1	( <sup>b</sup> )	( <sup>b</sup> )	8.08	( <sup>b</sup> )	( <sup>b</sup> )	307.85	( <sup>b</sup> )	( <sup>b</sup> )
<b>New York</b> .....	39.8	39.5	40.0	9.56	\$9.93	\$9.94	380.49	\$392.24	\$397.60
Albany-Schenectady-Troy .....	39.7	41.2	40.9	9.43	10.03	10.06	374.37	413.24	411.45
Binghamton .....	40.5	39.9	40.0	8.43	8.89	8.85	341.42	354.71	354.00
Buffalo .....	42.2	42.8	43.0	11.99	12.32	12.36	505.98	527.30	531.48
Elmira .....	40.5	( <sup>b</sup> )	( <sup>b</sup> )	8.87	( <sup>b</sup> )	( <sup>b</sup> )	359.24	( <sup>b</sup> )	( <sup>b</sup> )
Glens Falls .....	39.2	( <sup>b</sup> )	( <sup>b</sup> )	9.62	( <sup>b</sup> )	( <sup>b</sup> )	377.10	( <sup>b</sup> )	( <sup>b</sup> )
Monroe County .....	42.7	( <sup>b</sup> )	( <sup>b</sup> )	12.43	( <sup>b</sup> )	( <sup>b</sup> )	530.76	( <sup>b</sup> )	( <sup>b</sup> )
Nassau-Suffolk .....	41.0	39.5	40.5	9.39	\$9.88	\$9.86	384.99	\$390.26	\$399.33
New York PMSA .....	37.4	36.9	37.6	8.71	9.14	9.17	325.75	337.27	344.79
New York City .....	37.0	36.5	37.1	8.58	8.95	8.97	317.46	326.68	332.79
Niagara Falls .....	42.0	41.6	41.8	12.34	12.60	12.76	518.28	524.16	533.37
Orange County .....	38.1	( <sup>b</sup> )	( <sup>b</sup> )	7.21	( <sup>b</sup> )	( <sup>b</sup> )	274.70	( <sup>b</sup> )	( <sup>b</sup> )
Poughkeepsie .....	42.1	( <sup>b</sup> )	( <sup>b</sup> )	8.53	( <sup>b</sup> )	( <sup>b</sup> )	359.11	( <sup>b</sup> )	( <sup>b</sup> )
Rochester .....	42.2	41.7	41.8	11.66	\$12.06	\$12.04	492.05	\$502.90	\$503.27
Rockland County .....	42.6	41.0	41.8	9.33	9.72	9.34	397.46	398.52	390.41
Syracuse .....	41.2	40.3	40.7	10.77	10.97	11.05	443.72	442.09	449.74
Utica-Rome .....	40.6	40.9	41.0	8.67	9.23	9.26	352.00	377.51	379.66
Westchester County .....	39.3	38.3	39.7	9.59	10.44	10.70	376.89	399.85	424.79
<b>North Carolina</b> .....	38.9	39.8	40.3	7.23	7.45	7.48	281.25	296.51	301.44
Asheville .....	39.5	( <sup>b</sup> )	( <sup>b</sup> )	7.28	( <sup>b</sup> )	( <sup>b</sup> )	287.56	( <sup>b</sup> )	( <sup>b</sup> )
Charlotte-Gastonia-Rock Hill .....	39.1	40.4	41.0	7.31	\$7.60	\$7.61	285.82	\$307.04	\$312.01
Greensboro-Winston-Salem-High Point .....	39.0	39.1	39.9	7.85	8.12	8.19	306.15	317.49	326.78
Raleigh-Durham .....	41.1	40.8	41.2	8.24	8.41	8.48	338.66	343.13	349.38
<b>North Dakota</b> .....	37.4	37.9	38.2	8.14	8.12	8.08	304.44	307.75	308.66
Fargo-Moorhead .....	37.2	( <sup>b</sup> )	( <sup>b</sup> )	8.20	( <sup>b</sup> )	( <sup>b</sup> )	305.04	( <sup>b</sup> )	( <sup>b</sup> )
<b>Ohio</b> .....	42.4	42.2	42.3	11.32	\$11.58	\$11.58	479.97	\$488.68	\$489.83
Akron .....	44.0	43.1	43.4	11.12	11.13	11.18	489.28	479.70	485.21
Canton .....	40.0	( <sup>b</sup> )	( <sup>b</sup> )	10.89	( <sup>b</sup> )	( <sup>b</sup> )	435.60	( <sup>b</sup> )	( <sup>b</sup> )
Cincinnati .....	41.7	41.3	42.0	10.78	\$10.78	\$10.74	449.53	\$445.21	\$451.08
Cleveland .....	42.2	41.9	42.3	11.09	11.39	11.51	468.00	477.24	486.87
Columbus .....	41.7	41.0	41.1	10.85	11.06	11.13	452.45	453.46	457.44
Dayton-Springfield .....	43.1	43.8	43.9	11.72	12.16	12.21	505.13	532.61	536.02
Toledo .....	42.7	42.9	43.1	12.16	12.51	12.45	519.23	536.68	536.60
Youngstown-Warren .....	42.9	( <sup>b</sup> )	( <sup>b</sup> )	13.03	( <sup>b</sup> )	( <sup>b</sup> )	558.99	( <sup>b</sup> )	( <sup>b</sup> )
<b>Oklahoma</b> .....	42.3	40.4	41.0	9.86	\$9.92	\$9.94	417.08	\$400.77	\$407.54
Oklahoma City .....	42.8	39.9	40.4	10.91	10.86	10.99	466.95	433.31	444.00
Tulsa .....	39.4	38.9	39.9	10.48	10.37	10.38	412.91	403.39	414.16
<b>Oregon</b> .....	38.8	38.7	39.3	10.55	10.69	10.69	409.34	413.70	420.12
Eugene-Springfield .....	39.9	40.0	41.1	10.85	10.88	10.90	432.92	435.20	447.99
Portland .....	39.0	38.3	39.1	10.40	10.84	10.74	405.60	415.17	419.93
Salem .....	37.6	36.6	36.9	9.54	9.59	9.71	358.70	350.99	358.30

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**  
**NOT SEASONALLY ADJUSTED**

**C-8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>
<b>Pennsylvania</b> .....	39.9	39.6	40.2	\$9.50	\$9.73	\$9.72	\$379.05	\$385.31	\$390.74
Allentown-Bethlehem .....	39.3	37.4	37.9	10.30	10.20	10.14	404.79	381.48	384.31
Altoona .....	38.8	( <sup>1</sup> )	( <sup>1</sup> )	8.30	( <sup>1</sup> )	( <sup>1</sup> )	322.04	( <sup>1</sup> )	( <sup>1</sup> )
Beaver County .....	42.7	41.3	41.7	11.54	\$12.00	\$11.92	492.76	\$495.60	\$497.06
Delaware Valley .....	39.9	39.3	39.8	9.86	10.18	10.16	393.41	400.07	404.37
Erie .....	41.5	( <sup>1</sup> )	( <sup>1</sup> )	9.93	( <sup>1</sup> )	( <sup>1</sup> )	412.10	( <sup>1</sup> )	( <sup>1</sup> )
Harrisburg-Lebanon-Carlisle .....	39.7	38.7	39.8	9.07	\$9.15	\$9.13	360.08	\$354.11	\$363.37
Johnstown .....	37.2	( <sup>1</sup> )	( <sup>1</sup> )	8.70	( <sup>1</sup> )	( <sup>1</sup> )	323.64	( <sup>1</sup> )	( <sup>1</sup> )
Lancaster .....	39.4	38.8	40.8	9.11	\$9.50	\$9.58	358.93	\$368.60	\$390.86
Philadelphia PMSA .....	40.0	39.5	40.0	9.84	10.16	10.16	393.60	401.32	406.40
Pittsburgh .....	40.9	41.4	41.5	11.10	11.17	11.19	453.99	462.44	464.39
Reading .....	40.2	39.1	39.5	9.73	9.93	9.95	391.15	388.26	393.03
Scranton-Wilkes-Barre .....	38.1	37.4	38.1	8.02	8.30	8.28	305.56	310.42	315.47
Williamsport .....	38.5	( <sup>1</sup> )	( <sup>1</sup> )	8.34	( <sup>1</sup> )	( <sup>1</sup> )	321.09	( <sup>1</sup> )	( <sup>1</sup> )
York .....	40.7	40.9	41.7	8.93	\$9.16	\$9.16	363.45	\$374.64	\$381.97
<b>Rhode Island</b> .....	40.1	40.3	40.6	7.54	7.82	7.84	302.35	315.15	318.30
Pawtucket-Woonsocket-Attleboro .....	40.3	( <sup>1</sup> )	( <sup>1</sup> )	7.16	( <sup>1</sup> )	( <sup>1</sup> )	288.55	( <sup>1</sup> )	( <sup>1</sup> )
Providence .....	40.0	( <sup>1</sup> )	( <sup>1</sup> )	7.33	( <sup>1</sup> )	( <sup>1</sup> )	293.20	( <sup>1</sup> )	( <sup>1</sup> )
<b>South Carolina</b> .....	40.0	40.7	41.1	7.54	\$7.82	\$7.86	301.60	\$318.27	\$323.05
Charleston .....	44.6	( <sup>1</sup> )	( <sup>1</sup> )	9.20	( <sup>1</sup> )	( <sup>1</sup> )	410.32	( <sup>1</sup> )	( <sup>1</sup> )
Columbia .....	40.1	40.5	40.8	7.44	\$7.64	\$7.70	298.34	\$309.42	\$314.16
Greenville-Spartanburg .....	40.3	40.4	41.2	7.38	7.63	7.66	297.41	308.25	315.59
<b>South Dakota</b> .....	42.2	40.2	41.6	7.41	7.64	7.67	312.70	307.13	319.07
Sioux Falls .....	46.6	41.2	45.1	7.33	7.92	7.89	341.58	326.30	355.84
<b>Tennessee</b> .....	40.7	39.4	41.0	8.18	8.49	8.47	332.93	334.51	347.27
Chattanooga .....	40.4	41.9	41.2	7.55	7.38	7.36	305.02	309.22	303.23
Johnson City-Kingsport-Bristol .....	41.4	( <sup>1</sup> )	( <sup>1</sup> )	8.61	( <sup>1</sup> )	( <sup>1</sup> )	356.45	( <sup>1</sup> )	( <sup>1</sup> )
Knoxville .....	40.8	37.5	38.4	8.68	\$8.99	\$8.99	354.14	\$337.13	\$345.22
Memphis .....	40.8	42.0	44.0	8.47	8.74	8.64	345.58	367.08	380.16
Nashville .....	40.8	36.8	39.5	9.23	9.43	9.32	376.58	347.02	368.14
<b>Texas</b> .....	41.1	40.7	41.3	9.33	9.49	9.54	383.46	386.24	394.00
Dallas .....	41.6	41.3	41.8	9.05	9.37	9.35	376.48	386.98	390.83
Ft. Worth-Arlington .....	41.5	41.5	42.2	9.30	9.47	9.37	385.95	393.01	395.41
Houston .....	42.2	41.7	41.9	11.12	11.14	11.22	469.26	464.54	470.12
San Antonio .....	39.8	40.8	40.9	7.04	7.29	7.29	280.19	297.43	298.16
<b>Utah</b> .....	39.6	40.1	40.1	9.35	9.44	9.54	370.26	378.54	382.55
Salt Lake City-Ogden .....	39.6	40.1	39.8	8.94	9.33	9.35	354.02	374.13	372.13
<b>Vermont</b> .....	40.7	40.1	40.3	8.39	8.67	8.79	341.47	347.67	354.24
Burlington .....	43.0	42.3	40.6	9.19	9.42	9.74	395.17	398.47	395.44
Springfield .....	41.2	( <sup>1</sup> )	( <sup>1</sup> )	8.21	( <sup>1</sup> )	( <sup>1</sup> )	338.25	( <sup>1</sup> )	( <sup>1</sup> )
<b>Virginia</b> .....	39.6	39.5	40.0	8.42	\$8.76	\$8.77	333.43	\$346.02	\$350.80
Bristol .....	40.8	39.8	39.8	7.09	7.32	7.36	289.27	291.34	292.93
Charlottesville .....	39.2	( <sup>1</sup> )	( <sup>1</sup> )	7.26	( <sup>1</sup> )	( <sup>1</sup> )	284.59	( <sup>1</sup> )	( <sup>1</sup> )
Danville .....	39.3	( <sup>1</sup> )	( <sup>1</sup> )	7.80	( <sup>1</sup> )	( <sup>1</sup> )	306.54	( <sup>1</sup> )	( <sup>1</sup> )
Lynchburg .....	40.2	39.5	40.5	8.09	\$8.37	\$8.44	325.22	\$330.62	\$341.82
Norfolk-Virginia Beach-Newport News .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Northern Virginia .....	40.6	39.6	41.0	8.56	9.07	9.15	347.54	359.17	375.15
Richmond-Petersburg .....	40.6	40.4	40.3	10.65	11.01	10.92	432.39	444.80	440.08
Roanoke .....	40.5	39.7	40.4	7.67	8.01	8.27	310.64	318.00	334.11
<b>Washington</b> .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**C-8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>2</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>2</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>2</sup>
<b>West Virginia</b> .....	40.2	40.1	40.4	\$10.12	\$10.25	\$10.32	\$406.82	\$411.03	\$418.93
Charleston .....	42.5	42.2	42.6	12.39	12.52	12.34	526.58	528.34	525.68
Huntington-Ashland .....	39.4	38.4	39.9	11.10	10.78	11.67	437.34	413.95	465.63
Parkersburg-Marietta .....	42.0	42.1	42.6	11.27	11.98	12.08	473.34	504.36	514.61
Wheeling .....	40.2	( <sup>1</sup> )	( <sup>1</sup> )	11.20	( <sup>1</sup> )	( <sup>1</sup> )	450.24	( <sup>1</sup> )	( <sup>1</sup> )
<b>Wisconsin</b> .....	40.7	41.1	41.3	10.20	\$10.39	\$10.43	415.14	\$427.03	\$430.76
Appleton-Oshkosh .....	41.5	42.2	42.8	10.05	10.21	10.33	417.08	430.88	442.12
Eau Claire .....	41.5	40.1	39.7	10.18	10.28	10.35	422.47	412.23	410.90
Green Bay .....	40.9	42.1	42.1	10.92	11.43	11.48	446.63	481.20	483.31
Janesville-Beloit .....	40.0	40.2	41.7	11.98	12.14	12.53	479.20	488.03	522.50
Kenosha .....	40.6	( <sup>1</sup> )	( <sup>1</sup> )	11.81	( <sup>1</sup> )	( <sup>1</sup> )	479.49	( <sup>1</sup> )	( <sup>1</sup> )
La Crosse .....	38.6	39.4	40.5	9.01	\$8.99	\$9.24	347.79	\$354.21	\$374.22
Madison .....	40.7	40.2	41.0	9.46	9.45	9.60	385.02	379.89	393.60
Milwaukee .....	40.8	41.0	41.0	11.41	11.68	11.67	485.53	478.88	478.47
Racine .....	39.2	39.7	39.2	10.56	10.84	10.97	414.74	430.35	430.02
Sheboygan .....	39.2	( <sup>1</sup> )	( <sup>1</sup> )	9.86	( <sup>1</sup> )	( <sup>1</sup> )	386.51	( <sup>1</sup> )	( <sup>1</sup> )
Wausau .....	39.9	( <sup>1</sup> )	( <sup>1</sup> )	9.46	( <sup>1</sup> )	( <sup>1</sup> )	377.45	( <sup>1</sup> )	( <sup>1</sup> )
<b>Wyoming</b> .....	43.8	33.8	34.0	10.76	\$9.77	\$9.83	471.29	\$330.23	\$334.22
<b>Puerto Rico</b> .....	38.5	38.8	( <sup>2</sup> )	5.15	5.23	( <sup>2</sup> )	198.28	202.92	( <sup>2</sup> )
<b>Virgin Islands</b> .....	40.9	41.9	41.0	9.57	9.98	10.03	391.41	418.16	411.23

<sup>1</sup> Publication of data has been suspended because of budget cuts.

<sup>2</sup> Not available.

<sup>P</sup> = preliminary.

NOTE: Area definitions are published annually in the May issue of this

publication. All State and area data have been adjusted to March 1985 benchmarks except Michigan. Data for Michigan have been adjusted to December 1984 benchmarks.

**PRODUCTIVITY DATA  
SEASONALLY ADJUSTED**

**C-9. Hours of wage and salary workers in nonagricultural establishments by major industry, seasonally adjusted**

Industry	Millions of hours (annual rate) <sup>1</sup>			Percent change		
	Feb. 1986 <sup>r</sup>	Mar. 1986 <sup>r</sup>	Apr. 1986 <sup>p</sup>	Apr. 1985 to Apr. 1986 <sup>p</sup>	Feb. 1986 to Mar. 1986 <sup>r</sup>	Mar. 1986 to Apr. 1986 <sup>p</sup>
Total .....	186,019	186,519	186,892	2.9	0.3	0.2
Private sector .....	153,207	153,762	154,029	2.9	.4	.2
Mining .....	2,054	1,993	1,914	-14.1	-3.0	-4.0
Construction .....	9,234	9,378	9,776	6.7	1.6	4.2
Manufacturing .....	40,930	40,943	40,763	.1	.0	-.4
Durable goods .....	24,580	24,529	24,439	-.7	-.2	-.4
Nondurable goods .....	16,350	16,413	16,324	1.4	.4	-.5
Transportation and public utilities .....	10,983	10,978	10,974	1.2	.0	.0
Wholesale trade .....	11,864	11,853	11,952	3.8	-.1	.8
Retail trade .....	27,358	27,554	27,505	2.9	.7	-.2
Finance, insurance, and real estate .....	11,714	11,750	11,735	5.7	.3	-.1
Services .....	39,069	39,313	39,411	5.4	.6	.2
Government .....	32,812	32,757	32,863	2.6	-.2	.3

<sup>1</sup> Total hours paid for 1 week in the month, seasonally adjusted, multiplied by 52.

<sup>p</sup> = preliminary.

<sup>r</sup> = revised.

NOTE: 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.

SOURCE: Office of Productivity and Technology (202 523 9261).

**PRODUCTIVITY DATA  
SEASONALLY ADJUSTED**

**C-10. Indexes of productivity, hourly compensation, unit costs, and prices, seasonally adjusted**

(1977 = 100)

Item	Annual average		Quarterly index										
	1984	1985 <sup>r</sup>	1983		1984				1985				1986
			III	IV	I	II	III	IV	I	II	III	IV <sup>r</sup>	I <sup>p</sup>
<b>Business sector</b>													
Output per hour of all persons .....	105.2	105.3	103.5	103.6	104.9	105.5	105.3	105.0	105.3	105.5	105.9	104.9	105.5
Output .....	119.0	122.1	111.3	113.4	117.1	119.2	119.6	120.1	121.2	121.9	122.6	122.8	123.9
Hours .....	113.1	115.9	107.5	109.5	111.6	113.0	113.6	114.4	115.1	115.6	115.8	117.1	117.5
Compensation per hour .....	168.2	175.0	162.1	164.1	166.1	167.5	169.1	170.4	172.4	174.3	176.1	177.6	178.3
Real compensation per hour .....	98.2	98.6	98.1	98.3	98.3	98.2	98.2	98.1	98.5	98.5	98.9	98.7	98.8
Unit labor costs .....	159.9	166.2	156.6	158.4	158.4	158.7	160.6	162.3	163.8	165.2	166.3	169.3	169.1
Unit nonlabor payments .....	156.5	157.7	146.8	148.6	153.4	156.8	157.3	158.0	157.6	158.2	158.6	156.2	159.0
Implicit price deflator .....	158.7	163.1	153.1	154.9	156.6	158.0	159.4	160.8	161.6	162.7	163.5	164.6	165.4
<b>Nonfarm business sector</b>													
Output per hour of all persons .....	104.1	103.9	103.3	103.0	104.0	104.5	104.2	103.8	104.1	104.2	104.3	103.2	104.1
Output .....	118.9	122.0	111.8	113.8	117.1	119.2	119.5	120.0	121.1	121.8	122.6	122.7	123.9
Hours .....	114.2	117.5	108.2	110.5	112.6	114.0	114.7	115.6	116.3	116.9	117.5	118.9	119.1
Compensation per hour .....	168.0	174.2	162.3	164.0	165.9	167.4	168.8	170.1	172.1	173.7	175.0	176.4	177.4
Real compensation per hour .....	98.0	98.1	98.2	98.2	98.1	98.1	98.0	97.9	98.3	98.2	98.3	98.0	98.3
Unit labor costs .....	161.4	167.7	157.1	159.1	159.6	160.1	162.0	163.9	165.3	166.8	167.8	170.9	170.5
Unit nonlabor payments .....	156.3	159.5	148.9	150.7	152.5	156.3	157.6	158.4	158.8	160.2	161.4	157.7	161.8
Implicit price deflator .....	159.6	164.8	154.2	156.1	157.1	158.8	160.5	161.9	163.0	164.5	165.5	166.3	167.4
<b>Manufacturing</b>													
Output per hour of all persons .....	118.5	121.6	114.5	114.7	116.7	117.8	119.8	119.5	119.9	121.7	122.7	122.3	123.0
Output .....	117.9	120.9	108.3	111.0	115.2	117.4	119.5	119.5	119.8	120.4	121.3	121.9	122.6
Hours .....	99.5	99.3	94.5	96.8	98.7	99.7	99.7	100.0	99.9	98.9	98.9	99.6	99.7
Compensation per hour .....	169.1	176.6	163.3	164.4	166.7	168.1	169.9	171.8	174.3	176.1	177.3	178.8	179.2
Real compensation per hour .....	98.7	99.5	98.8	98.5	98.6	98.6	98.7	98.9	99.5	99.5	99.6	99.4	99.3
Unit labor costs .....	142.8	145.2	142.6	143.4	142.8	142.7	141.9	143.7	145.4	144.7	144.5	146.2	145.6
<b>Durable goods</b>													
Output per hour of all persons .....	119.3	122.8	113.0	113.9	117.0	118.6	121.1	120.6	121.3	122.8	123.8	123.3	123.9
Output .....	119.7	123.1	105.3	109.7	115.6	118.8	122.0	122.2	122.6	122.8	123.4	123.8	124.0
Hours .....	100.3	100.3	93.2	96.4	98.8	100.1	100.7	101.4	101.1	100.0	99.7	100.4	100.1
Compensation per hour .....	167.6	175.2	162.3	163.0	165.5	166.8	168.2	169.8	172.6	174.3	175.9	178.1	178.4
Real compensation per hour .....	97.8	98.7	98.2	97.6	97.9	97.8	97.7	97.7	98.6	98.5	98.8	99.0	98.8
Unit labor costs .....	140.4	142.7	143.6	143.2	141.4	140.6	138.9	140.9	142.4	141.9	142.1	144.5	144.0
<b>Nondurable goods</b>													
Output per hour of all persons .....	117.1	119.9	116.7	115.8	116.3	116.6	117.8	117.9	117.8	120.0	121.0	120.8	121.7
Output .....	115.4	117.4	112.7	112.9	114.6	115.4	115.8	115.6	115.7	116.8	118.2	119.1	120.6
Hours .....	98.5	98.0	96.6	97.5	98.5	99.0	98.3	98.0	98.2	97.4	97.7	98.5	99.1
Compensation per hour .....	171.6	178.6	165.8	167.0	168.8	170.4	172.6	174.6	176.9	178.8	179.3	179.5	180.4
Real compensation per hour .....	100.1	100.6	100.3	100.0	99.8	99.9	100.3	100.5	101.0	101.1	100.7	99.8	99.9
Unit labor costs .....	146.5	149.0	142.1	144.2	145.1	146.1	146.6	148.1	150.1	149.0	148.2	148.6	148.2
<b>Nonfinancial corporations</b>													
Output per all-employee hour .....	106.2	105.9	104.6	105.0	106.2	106.7	106.1	105.8	105.8	105.8	106.5	105.9	( <sup>1</sup> )
Output .....	120.9	124.3	112.1	115.1	118.9	121.1	121.4	122.2	123.2	123.7	124.9	125.2	( <sup>1</sup> )
Hours .....	113.9	117.3	107.2	109.6	112.0	113.5	114.5	115.5	116.4	117.0	117.3	118.2	( <sup>1</sup> )
Compensation per hour .....	166.1	171.3	160.8	162.4	164.2	165.6	166.8	167.9	169.4	170.8	172.0	173.3	( <sup>1</sup> )
Real compensation per hour .....	96.9	96.5	97.3	97.3	97.1	97.1	96.9	96.7	96.7	96.6	96.6	96.3	( <sup>1</sup> )
Total unit costs .....	161.2	165.7	159.6	159.5	159.1	159.9	162.2	163.6	164.4	165.8	165.5	167.2	( <sup>1</sup> )
Unit labor costs .....	156.4	161.7	153.8	154.8	154.7	155.1	157.2	158.7	160.0	161.5	161.5	163.7	( <sup>1</sup> )
Unit nonlabor costs .....	175.3	177.8	176.7	173.7	172.3	174.0	177.0	177.9	177.6	178.6	177.2	177.8	( <sup>1</sup> )
Unit profits .....	135.6	142.7	114.4	124.0	132.9	139.1	134.3	135.9	138.3	139.1	150.2	143.1	( <sup>1</sup> )
Implicit price deflator .....	158.1	163.0	154.2	155.3	156.0	157.4	158.9	160.3	161.3	162.6	163.6	164.4	( <sup>1</sup> )

<sup>r</sup> = revised.  
<sup>p</sup> = preliminary.

<sup>r</sup> = revised.  
SOURCE: Office of Productivity and Technology (202 523 9261).

**PRODUCTIVITY DATA  
SEASONALLY ADJUSTED**

**C-11. Percent changes from the preceding quarter and year in productivity, hourly compensation, unit costs, and prices, seasonally adjusted annual rates**

Item	Percent change from											
	Previous quarter						Same quarter, previous year					
	IV 1984	I 1985	II 1985	III 1985	IV 1985'	I 1986 <sup>p</sup>	IV 1984	I 1985	II 1985	III 1985	IV 1985'	I 1986 <sup>p</sup>
<b>Business sector</b>												
Output per hour of all persons .....	-1.3	1.0	0.8	1.6	-3.9	2.3	1.3	0.3	-0.1	0.5	-0.1	0.2
Output .....	1.7	3.6	2.3	2.5	.4	3.8	5.9	3.5	2.2	2.5	2.2	2.3
Hours .....	3.1	2.5	1.5	.9	4.5	1.4	4.5	3.1	2.3	2.0	2.3	2.0
Compensation per hour .....	3.1	4.8	4.4	4.2	3.4	1.7	3.8	3.8	4.1	4.1	4.2	3.4
Real compensation per hour .....	-6	1.5	.4	1.6	-9	.2	-2	.2	.4	.7	.7	.3
Unit labor costs .....	4.5	3.7	3.5	2.5	7.5	-6	2.5	3.4	4.1	3.6	4.3	3.2
Unit nonlabor payments .....	1.6	-9	1.4	1.1	-5.8	7.2	6.3	2.7	.9	.8	-1.1	.9
Implicit price deflator .....	3.5	2.1	2.8	2.0	2.7	2.0	3.8	3.2	3.0	2.6	2.4	2.4
<b>Nonfarm business sector</b>												
Output per hour of all persons .....	-1.3	1.0	.2	.4	-4.1	3.4	.8	.1	-4	.1	-6	.0
Output .....	1.8	3.6	2.3	2.6	.6	4.0	5.5	3.4	2.2	2.6	2.2	2.4
Hours .....	3.1	2.6	2.1	2.1	4.8	.6	4.6	3.3	2.6	2.5	2.9	2.4
Compensation per hour .....	3.2	4.7	3.8	2.8	3.2	2.4	3.8	3.7	3.8	3.6	3.7	3.1
Real compensation per hour .....	-4	1.4	-2	.3	-1.0	.9	-3	.1	.1	.3	.1	.0
Unit labor costs .....	4.6	3.6	3.6	2.4	7.6	-1.0	3.0	3.6	4.2	3.6	4.3	3.1
Unit nonlabor payments .....	1.9	1.0	3.7	2.9	-8.7	10.6	5.1	4.1	2.5	2.4	-4	1.9
Implicit price deflator .....	3.6	2.7	3.7	2.6	1.8	2.8	3.7	3.8	3.6	3.2	2.7	2.7
<b>Manufacturing</b>												
Output per hour of all persons .....	-9	1.3	6.1	3.2	-1.1	2.4	4.2	2.7	3.3	2.4	2.4	2.6
Output .....	.3	.9	2.0	3.1	1.9	2.4	7.7	4.0	2.5	1.6	2.0	2.3
Hours .....	1.2	-5	-3.9	-1	3.1	.0	3.3	1.2	-8	-8	-4	-3
Compensation per hour .....	4.4	6.1	4.0	2.7	3.5	.9	4.5	4.6	4.7	4.3	4.1	2.8
Real compensation per hour .....	.7	2.8	.0	.2	-8	-5	.4	1.0	1.0	.9	.5	-3
Unit labor costs .....	5.3	4.7	-2.0	-5	4.7	-1.4	.2	1.8	1.4	1.9	1.7	.2
<b>Durable goods</b>												
Output per hour of all persons .....	-1.7	2.4	5.3	3.0	-1.4	2.0	5.9	3.6	3.6	2.2	2.3	2.2
Output .....	.9	1.2	.7	1.9	1.4	.6	11.4	6.0	3.4	1.2	1.3	1.1
Hours .....	2.7	-1.2	-4.3	-1.1	2.8	-1.4	5.2	2.3	-2	-1.0	-1.0	-1.0
Compensation per hour .....	4.1	6.7	3.9	3.7	5.2	.6	4.2	4.3	4.5	4.6	4.9	3.4
Real compensation per hour .....	.4	3.4	-1	1.2	.9	-8	.1	.7	.8	1.2	1.3	.3
Unit labor costs .....	5.9	4.2	-1.3	.7	6.7	-1.3	-1.6	.7	.9	2.3	2.5	1.1
<b>Nondurable goods</b>												
Output per hour of all persons .....	.4	-2	7.4	3.5	-6	3.0	1.8	1.3	2.9	2.8	2.5	3.3
Output .....	-7	.4	3.9	5.0	2.8	5.2	2.3	.9	1.2	2.2	3.0	4.2
Hours .....	-1.1	.6	-3.3	1.4	3.4	2.2	.6	-4	-1.6	-6	.5	.9
Compensation per hour .....	4.7	5.3	4.4	1.2	.5	1.8	4.6	4.8	4.9	3.9	2.8	2.0
Real compensation per hour .....	1.0	2.0	.3	-1.3	-3.6	.4	.5	1.2	1.2	.5	-7	-1.1
Unit labor costs .....	4.3	5.4	-2.9	-2.2	1.2	-1.1	2.7	3.5	2.0	1.1	.3	-1.3
<b>Nonfinancial corporations</b>												
Output per all-employee hour .....	-1.1	.1	-2	2.8	-2.4	( <sup>1</sup> )	.8	-3	-9	.4	.1	( <sup>1</sup> )
Output .....	2.5	3.2	1.9	3.8	.9	( <sup>1</sup> )	6.2	3.6	2.2	2.9	2.5	( <sup>1</sup> )
Hours .....	3.6	3.0	2.2	1.0	3.3	( <sup>1</sup> )	5.3	3.9	3.1	2.5	2.4	( <sup>1</sup> )
Compensation per hour .....	2.8	3.4	3.5	2.8	3.0	( <sup>1</sup> )	3.4	3.1	3.2	3.1	3.2	( <sup>1</sup> )
Real compensation per hour .....	-8	.2	-5	.2	-1.2	( <sup>1</sup> )	-6	-4	-5	-2	-3	( <sup>1</sup> )
Total unit costs .....	3.4	2.1	3.4	-9	4.4	( <sup>1</sup> )	2.5	3.3	3.7	2.0	2.2	( <sup>1</sup> )
Unit labor costs .....	3.9	3.2	3.8	.0	5.5	( <sup>1</sup> )	2.6	3.5	4.1	2.7	3.1	( <sup>1</sup> )
Unit nonlabor costs .....	2.0	-8	2.4	-3.2	1.5	( <sup>1</sup> )	2.4	3.0	2.7	.1	.0	( <sup>1</sup> )
Unit profits .....	4.9	7.2	2.2	36.0	-17.5	( <sup>1</sup> )	9.6	4.0	.0	11.8	5.3	( <sup>1</sup> )
Implicit price deflator .....	3.5	2.6	3.3	2.5	1.8	( <sup>1</sup> )	3.2	3.4	3.3	3.0	2.6	( <sup>1</sup> )

<sup>1</sup> Not available.  
<sup>p</sup> = preliminary.

<sup>1</sup> = revised.  
SOURCE: Office of Productivity and Technology (202 523 9261).

**STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>a</sup>
<b>Alabama</b> .....	1,789.3	1,827.9	1,846.9	178.8	167.9	177.8	10.0	9.2	9.6
Birmingham .....	413.3	426.5	432.3	32.4	31.5	31.2	7.8	7.4	7.2
Huntsville .....	115.2	120.7	122.5	6.7	7.4	8.2	5.8	6.1	6.7
Mobile .....	202.7	207.3	208.6	20.3	20.0	20.9	10.0	9.7	10.0
Montgomery .....	126.9	129.1	129.5	9.6	8.7	8.5	7.6	6.7	6.6
Tuscaloosa .....	63.9	66.9	67.3	4.8	4.7	4.7	7.6	7.1	7.0
<b>Alaska</b> .....	242.3	247.7	252.6	26.9	28.5	28.6	11.1	11.5	11.3
<b>Arizona</b> .....	1,465.0	1,533.1	1,550.1	90.5	99.9	99.7	6.2	6.5	6.4
Phoenix .....	906.9	952.6	963.3	44.0	50.7	50.6	4.9	5.3	5.3
Tucson .....	289.1	302.3	306.0	15.5	15.9	16.1	5.4	5.3	5.3
<b>Arkansas</b> .....	1,038.2	1,035.9	1,043.6	99.9	99.6	89.6	9.6	9.6	8.6
Fayetteville-Springdale .....	52.0	52.5	53.0	2.3	3.0	2.3	4.5	5.7	4.4
Fort Smith .....	82.4	84.9	85.7	6.8	6.5	6.2	8.2	7.6	7.2
Little Rock-North Little Rock .....	241.7	242.9	243.4	16.1	15.9	14.4	6.6	6.6	5.9
Pine Bluff .....	35.2	35.5	35.9	3.6	3.0	2.7	10.1	8.3	7.5
<b>California<sup>1</sup></b> .....	12,878.2	13,118.7	13,183.8	946.0	1,013.4	942.4	7.3	7.7	7.1
Anaheim-Santa Ana .....	1,187.8	1,211.4	1,212.5	49.6	53.5	51.0	4.2	4.4	4.2
Bakersfield .....	215.5	218.6	218.0	29.7	29.4	30.7	13.8	13.4	14.1
Fresno .....	274.5	279.9	280.1	44.2	45.1	47.1	16.1	16.1	16.8
Los Angeles-Long Beach <sup>1</sup> .....	3,971.0	4,036.0	4,060.0	259.0	289.0	245.0	6.5	7.2	6.0
Modesto .....	139.3	144.5	144.8	25.2	25.6	24.6	18.1	17.7	17.0
Oakland .....	967.7	1,004.7	1,011.5	61.5	67.8	63.3	6.4	6.7	6.3
Oxnard-Ventura .....	305.9	314.1	320.2	19.2	23.2	23.4	6.3	7.4	7.3
Riverside-San Bernardino .....	782.0	802.0	805.7	54.0	57.8	53.8	6.9	7.2	6.7
Sacramento .....	621.2	636.2	637.7	48.3	49.2	46.0	7.8	7.7	7.2
Salinas-Seaside-Monterey .....	144.8	148.1	150.2	19.7	21.8	20.6	13.6	14.7	13.7
San Diego .....	954.5	983.2	988.3	50.4	51.3	51.4	5.3	5.2	5.2
San Francisco .....	859.2	868.3	872.2	41.7	44.1	40.7	4.9	5.1	4.7
San Jose .....	821.1	818.1	821.3	44.6	55.2	50.8	5.4	6.7	6.2
Santa Barbara-Santa Maria-Lompoc .....	169.5	171.7	173.3	10.9	10.6	10.2	6.4	6.2	5.9
Santa Rosa-Petaluma .....	170.4	173.2	173.1	11.1	13.2	12.3	6.5	7.6	7.1
Stockton .....	179.9	181.8	183.2	26.5	27.3	25.5	14.7	15.0	13.9
Vallejo-Fairfield-Napa .....	166.6	166.6	169.0	13.2	13.6	12.7	7.9	8.1	7.5
<b>Colorado</b> .....	1,705.5	( <sup>2</sup> )	( <sup>2</sup> )	105.3	( <sup>2</sup> )	( <sup>2</sup> )	6.2	( <sup>2</sup> )	( <sup>2</sup> )
Boulder-Longmont .....	130.3	( <sup>2</sup> )	( <sup>2</sup> )	6.8	( <sup>2</sup> )	( <sup>2</sup> )	5.2	( <sup>2</sup> )	( <sup>2</sup> )
Denver .....	907.3	( <sup>2</sup> )	( <sup>2</sup> )	45.1	( <sup>2</sup> )	( <sup>2</sup> )	5.0	( <sup>2</sup> )	( <sup>2</sup> )
<b>Connecticut</b> .....	1,686.9	1,693.9	1,705.8	86.1	73.6	67.8	5.1	4.3	4.0
Bridgeport-Milford .....	223.3	226.7	227.9	12.4	11.6	11.2	5.6	5.1	4.9
Hartford .....	401.1	406.3	409.1	19.9	15.8	14.1	5.0	3.9	3.4
New Britain .....	72.3	71.7	72.4	4.3	3.8	3.5	5.9	5.3	4.8
New Haven-Meriden .....	262.0	261.2	263.5	13.5	11.3	10.1	5.2	4.3	3.8
Stamford .....	113.1	113.9	114.9	3.7	3.4	3.2	3.3	3.0	2.8
Waterbury .....	103.5	101.7	102.0	6.8	6.5	6.0	6.6	6.3	5.9
<b>Delaware</b> .....	307.1	312.6	318.1	19.0	19.3	17.4	6.2	6.2	5.5
Wilmington .....	275.0	276.4	279.7	17.1	18.3	16.7	6.2	6.6	6.0
<b>District of Columbia</b> .....	317.6	317.4	318.9	28.2	22.6	22.3	8.9	7.1	7.0
Washington .....	1,928.9	1,964.3	1,984.8	74.8	73.7	68.5	3.9	3.8	3.5
<b>Florida<sup>1</sup></b> .....	5,304.0	5,381.1	5,439.1	310.4	289.3	315.6	5.9	5.4	5.6
Daytona Beach .....	130.5	( <sup>2</sup> )	( <sup>2</sup> )	6.4	( <sup>2</sup> )	( <sup>2</sup> )	4.9	( <sup>2</sup> )	( <sup>2</sup> )
Fort Lauderdale-Hollywood-Pompano Beach .....	557.5	( <sup>2</sup> )	( <sup>2</sup> )	25.9	( <sup>2</sup> )	( <sup>2</sup> )	4.6	( <sup>2</sup> )	( <sup>2</sup> )
Fort Myers-Cape Coral .....	115.0	( <sup>2</sup> )	( <sup>2</sup> )	5.5	( <sup>2</sup> )	( <sup>2</sup> )	4.8	( <sup>2</sup> )	( <sup>2</sup> )
Gainesville .....	94.0	( <sup>2</sup> )	( <sup>2</sup> )	3.1	( <sup>2</sup> )	( <sup>2</sup> )	3.3	( <sup>2</sup> )	( <sup>2</sup> )
Jacksonville .....	390.8	( <sup>2</sup> )	( <sup>2</sup> )	19.5	( <sup>2</sup> )	( <sup>2</sup> )	5.0	( <sup>2</sup> )	( <sup>2</sup> )
Lakeland-Winter Haven .....	169.4	( <sup>2</sup> )	( <sup>2</sup> )	15.3	( <sup>2</sup> )	( <sup>2</sup> )	9.0	( <sup>2</sup> )	( <sup>2</sup> )
Melbourne-Titusville-Palm Bay .....	159.8	( <sup>2</sup> )	( <sup>2</sup> )	7.2	( <sup>2</sup> )	( <sup>2</sup> )	4.5	( <sup>2</sup> )	( <sup>2</sup> )
Miami-Hialeah .....	872.1	( <sup>2</sup> )	( <sup>2</sup> )	66.5	( <sup>2</sup> )	( <sup>2</sup> )	7.6	( <sup>2</sup> )	( <sup>2</sup> )
Orlando .....	475.8	( <sup>2</sup> )	( <sup>2</sup> )	24.4	( <sup>2</sup> )	( <sup>2</sup> )	5.1	( <sup>2</sup> )	( <sup>2</sup> )
Pensacola .....	136.0	( <sup>2</sup> )	( <sup>2</sup> )	8.1	( <sup>2</sup> )	( <sup>2</sup> )	5.9	( <sup>2</sup> )	( <sup>2</sup> )
Sarasota .....	103.3	( <sup>2</sup> )	( <sup>2</sup> )	4.3	( <sup>2</sup> )	( <sup>2</sup> )	4.2	( <sup>2</sup> )	( <sup>2</sup> )
Tallahassee .....	109.5	( <sup>2</sup> )	( <sup>2</sup> )	4.5	( <sup>2</sup> )	( <sup>2</sup> )	4.1	( <sup>2</sup> )	( <sup>2</sup> )
Tampa-St. Petersburg-Clearwater .....	872.0	( <sup>2</sup> )	( <sup>2</sup> )	43.4	( <sup>2</sup> )	( <sup>2</sup> )	5.0	( <sup>2</sup> )	( <sup>2</sup> )
West Palm Beach-Boca Raton-DeLray Beach .....	349.5	( <sup>2</sup> )	( <sup>2</sup> )	18.9	( <sup>2</sup> )	( <sup>2</sup> )	5.4	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes at end of table.



**STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Georgia</b> .....	2,809.0	2,881.8	2,913.2	186.0	168.0	165.7	6.6	5.8	5.7
Albany .....	53.9	54.8	54.9	4.6	4.7	4.5	8.6	8.5	8.3
Athens .....	67.1	68.9	69.4	4.0	3.8	3.3	5.9	5.5	4.8
Atlanta .....	1,278.3	1,326.1	1,337.8	62.2	60.3	59.4	4.9	4.5	4.4
Augusta .....	161.8	163.7	165.7	10.6	9.8	9.8	6.5	6.0	5.9
Columbus .....	94.4	96.6	97.1	7.5	7.5	7.3	8.0	7.7	7.5
Macon-Warner Robins .....	120.2	124.0	125.4	8.4	7.6	7.8	7.0	6.2	6.2
Savannah .....	100.7	103.3	104.3	7.5	6.8	6.5	7.4	6.5	6.2
<b>Hawaii</b> .....	480.0	486.8	495.3	25.6	27.5	28.3	5.3	5.7	5.7
Honolulu .....	360.9	367.0	373.5	17.6	18.2	18.8	4.9	5.0	5.0
<b>Idaho</b> .....	460.4	452.6	458.3	42.8	47.9	45.0	9.3	10.6	9.8
Boise City .....	( <sup>2</sup> )	101.9	102.5	( <sup>2</sup> )	7.4	6.5	( <sup>2</sup> )	7.3	6.4
<b>Illinois</b> <sup>1</sup> .....	5,580.0	5,639.8	5,632.1	451.6	570.0	514.1	8.1	10.1	9.1
Aurora-Elgin .....	162.9	166.2	165.2	12.1	15.9	14.7	7.4	9.6	8.9
Bloomington-Normal .....	61.5	61.5	61.5	3.6	4.6	4.3	5.8	7.5	7.0
Champaign-Urbana-Rantoul .....	81.6	82.1	81.9	4.0	4.9	4.4	4.8	5.9	5.4
Chicago .....	3,045.2	3,074.9	3,061.5	215.2	269.5	245.9	7.1	8.8	8.0
Davenport-Rock Island-Moline .....	174.5	177.7	174.8	18.7	22.6	19.4	10.7	12.7	11.1
Decatur .....	57.3	58.7	58.5	5.6	7.5	6.8	9.7	12.7	11.5
Joliet .....	183.4	186.3	188.5	14.2	17.5	15.9	7.7	9.4	8.4
Kankakee .....	43.5	43.8	43.2	4.7	5.9	5.1	10.9	13.5	11.8
Lake County .....	240.3	245.7	246.1	12.8	16.5	14.8	5.3	6.7	6.0
Peoria .....	152.8	150.8	149.9	15.7	17.5	15.8	10.3	11.6	10.5
Rockford .....	140.2	140.4	138.7	12.2	15.1	13.9	8.7	10.8	10.0
Springfield .....	101.0	101.1	101.5	6.0	8.1	7.0	6.0	8.0	6.9
<b>Indiana</b> .....	2,690.8	2,673.1	2,696.3	238.9	211.7	200.0	8.9	7.9	7.4
Anderson .....	60.8	60.0	60.3	5.0	4.6	4.2	8.2	7.7	6.9
Elkhart-Goshen .....	85.6	86.4	87.1	5.1	5.1	4.6	5.9	5.9	5.2
Evansville .....	141.4	( <sup>2</sup> )	( <sup>2</sup> )	11.9	( <sup>2</sup> )	( <sup>2</sup> )	8.4	( <sup>2</sup> )	( <sup>2</sup> )
Fort Wayne .....	178.2	178.8	181.1	12.8	10.9	10.4	7.2	6.1	5.7
Gary-Hammond .....	264.7	256.7	258.2	37.6	29.0	29.8	14.2	11.3	11.5
Indianapolis .....	616.3	618.9	623.6	41.5	37.8	35.1	6.7	6.1	5.6
Lafayette .....	63.9	64.4	64.0	3.9	3.2	2.8	6.1	4.9	4.4
Muncie .....	59.4	59.0	58.8	5.6	5.0	4.5	9.4	8.4	7.7
South Bend-Mishawaka .....	123.1	122.6	123.4	9.4	8.3	7.9	7.6	6.7	6.4
Terre Haute .....	60.9	59.5	59.7	6.1	5.6	5.0	10.0	9.4	8.4
<b>Iowa</b> .....	1,396.6	1,405.1	1,421.1	129.5	127.8	122.9	9.3	9.1	8.6
Cedar Rapids .....	85.7	88.8	89.8	7.0	7.1	7.0	8.1	8.0	7.8
Des Moines .....	201.5	207.7	209.0	13.6	14.7	13.6	6.8	7.1	6.5
Dubuque .....	42.3	( <sup>2</sup> )	( <sup>2</sup> )	4.9	( <sup>2</sup> )	( <sup>2</sup> )	11.6	( <sup>2</sup> )	( <sup>2</sup> )
Iowa City .....	56.0	( <sup>2</sup> )	( <sup>2</sup> )	2.1	( <sup>2</sup> )	( <sup>2</sup> )	3.7	( <sup>2</sup> )	( <sup>2</sup> )
Sioux City .....	56.5	56.9	57.1	5.7	5.6	5.2	10.1	9.8	9.1
Waterloo-Cedar Falls .....	71.3	69.2	69.3	10.3	9.8	9.3	14.5	14.1	13.4
<b>Kansas</b> .....	1,223.3	1,196.1	1,215.3	66.0	78.2	75.9	5.4	6.5	6.2
Lawrence .....	35.6	( <sup>2</sup> )	( <sup>2</sup> )	1.5	( <sup>2</sup> )	( <sup>2</sup> )	4.1	( <sup>2</sup> )	( <sup>2</sup> )
Topeka .....	85.6	83.8	84.8	4.5	5.4	4.8	5.3	6.4	5.7
Wichita .....	218.4	217.4	220.2	13.3	14.3	13.9	6.1	6.6	6.3
<b>Kentucky</b> .....	1,671.3	1,669.8	1,652.7	167.9	210.2	186.6	10.0	12.6	11.3
Lexington-Fayette .....	176.2	( <sup>2</sup> )	( <sup>2</sup> )	9.4	( <sup>2</sup> )	( <sup>2</sup> )	5.3	( <sup>2</sup> )	( <sup>2</sup> )
Louisville .....	485.7	( <sup>2</sup> )	( <sup>2</sup> )	41.0	( <sup>2</sup> )	( <sup>2</sup> )	8.4	( <sup>2</sup> )	( <sup>2</sup> )
Owensboro .....	44.9	( <sup>2</sup> )	( <sup>2</sup> )	4.8	( <sup>2</sup> )	( <sup>2</sup> )	10.7	( <sup>2</sup> )	( <sup>2</sup> )
<b>Louisiana</b> .....	1,975.4	1,969.8	1,975.7	230.7	263.7	258.3	11.7	13.4	13.1
Alexandria .....	58.5	( <sup>2</sup> )	( <sup>2</sup> )	6.2	( <sup>2</sup> )	( <sup>2</sup> )	10.6	( <sup>2</sup> )	( <sup>2</sup> )
Baton Rouge .....	257.6	259.1	258.4	24.8	31.7	29.8	9.6	12.2	11.5
Houma-Thibodaux .....	79.8	77.3	76.8	9.7	11.4	11.5	12.1	14.7	15.0
Lafayette .....	109.6	111.8	112.6	9.9	12.0	13.0	9.0	10.8	11.5
Lake Charles .....	76.4	73.8	74.0	12.4	11.4	11.4	16.2	15.5	15.4
Monroe .....	67.3	67.6	68.8	6.5	7.9	7.5	9.7	11.6	10.9
New Orleans .....	609.6	593.5	593.0	67.1	66.9	65.0	11.0	11.3	11.0
Shreveport .....	166.7	166.9	167.6	14.3	21.8	21.3	8.6	13.1	12.7
<b>Maine</b> .....	531.4	538.1	543.4	35.0	35.7	35.7	6.6	6.6	6.6
Lewiston-Auburn .....	39.7	40.0	40.6	3.3	3.2	3.3	8.2	8.1	8.2
Portland .....	107.0	109.2	110.8	3.8	3.7	3.8	3.5	3.4	3.5
<b>Maryland</b> .....	2,220.0	2,225.3	2,248.4	107.9	112.4	101.5	4.9	5.1	4.5
Baltimore .....	1,090.1	1,087.7	1,095.2	60.4	63.5	57.0	5.5	5.8	5.2

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>Massachusetts<sup>1</sup></b> .....	3,028.6	3,026.8	3,049.3	142.1	128.7	131.1	4.7	4.3	4.3
Boston .....	1,506.2	1,511.5	1,524.1	58.1	52.9	53.7	3.9	3.5	3.5
Brockton .....	93.2	92.5	93.9	4.5	4.3	4.3	4.9	4.6	4.6
Fall River .....	78.2	76.2	76.6	6.4	6.0	6.2	8.1	7.9	8.1
Fitchburg-Leominster .....	47.2	47.5	48.4	2.8	2.3	2.3	5.9	4.8	4.7
Lawrence-Haverhill .....	179.5	188.9	190.1	9.6	9.8	10.2	5.3	5.2	5.4
Lowell .....	149.3	148.9	151.2	5.9	5.8	6.2	3.9	3.9	4.1
New Bedford .....	87.5	86.5	86.1	7.2	8.6	6.7	8.2	7.6	7.7
Pittsfield .....	39.1	39.0	38.8	2.3	1.9	1.9	5.9	5.0	5.0
Springfield .....	247.9	242.7	244.2	13.5	11.3	11.5	5.4	4.6	4.7
Worcester .....	202.9	203.4	204.6	8.8	8.0	8.2	4.3	3.9	4.0
<b>Michigan<sup>1</sup></b> .....	4,383.1	4,284.0	4,307.2	457.1	399.4	413.7	10.4	9.3	9.6
Ann Arbor .....	149.3	144.1	145.0	8.5	7.1	7.5	5.7	5.0	5.2
Battle Creek .....	83.3	( <sup>2</sup> )	( <sup>2</sup> )	6.7	( <sup>2</sup> )	( <sup>2</sup> )	10.8	( <sup>2</sup> )	( <sup>2</sup> )
Benton Harbor .....	76.7	( <sup>2</sup> )	( <sup>2</sup> )	9.2	( <sup>2</sup> )	( <sup>2</sup> )	12.0	( <sup>2</sup> )	( <sup>2</sup> )
Detroit .....	2,105.9	2,075.7	2,084.8	197.2	171.6	179.5	9.4	8.3	8.6
Flint .....	203.6	198.3	197.2	26.8	22.7	20.1	13.2	11.4	10.2
Grand Rapids .....	339.5	326.2	328.4	30.0	24.5	25.3	8.9	7.5	7.7
Jackson .....	63.0	( <sup>2</sup> )	( <sup>2</sup> )	6.5	( <sup>2</sup> )	( <sup>2</sup> )	10.4	( <sup>2</sup> )	( <sup>2</sup> )
Kalamazoo .....	110.3	108.1	108.5	7.8	6.6	6.7	7.1	6.1	6.1
Lansing-East Lansing .....	227.1	227.5	229.0	16.7	16.9	17.6	7.4	7.4	7.7
Muskegon .....	69.6	( <sup>2</sup> )	( <sup>2</sup> )	8.8	( <sup>2</sup> )	( <sup>2</sup> )	12.6	( <sup>2</sup> )	( <sup>2</sup> )
Saginaw-Bay City-Midland .....	181.9	177.3	178.4	21.1	18.6	19.6	11.6	10.5	11.0
<b>Minnesota</b> .....	2,185.7	2,220.2	2,225.0	153.4	167.9	160.7	7.0	7.6	7.2
Duluth .....	104.4	104.5	103.9	12.3	14.4	13.0	11.7	13.7	12.5
Minneapolis-St. Paul .....	1,283.9	1,324.3	1,328.6	63.9	72.5	70.5	5.0	5.5	5.3
Rochester .....	56.9	( <sup>2</sup> )	( <sup>2</sup> )	2.9	( <sup>2</sup> )	( <sup>2</sup> )	5.0	( <sup>2</sup> )	( <sup>2</sup> )
St. Cloud .....	85.3	85.7	85.6	7.9	7.4	7.1	9.3	8.7	8.3
<b>Mississippi</b> .....	1,109.8	1,120.6	1,135.7	124.9	125.7	127.4	11.3	11.2	11.2
Jackson .....	182.8	186.9	189.0	12.8	13.8	14.1	7.0	7.4	7.5
<b>Missouri</b> .....	2,416.3	2,442.3	2,469.8	171.3	172.5	150.9	7.1	7.1	6.1
Kansas City .....	794.7	795.4	801.5	39.3	42.4	39.2	4.9	5.3	4.9
St. Joseph .....	41.2	( <sup>2</sup> )	( <sup>2</sup> )	3.1	( <sup>2</sup> )	( <sup>2</sup> )	7.6	( <sup>2</sup> )	( <sup>2</sup> )
St. Louis .....	1,183.2	1,213.6	1,218.6	87.5	95.2	83.1	7.4	7.8	6.8
Springfield .....	111.4	113.4	114.9	5.9	5.9	5.3	5.3	5.2	4.6
<b>Montana</b> .....	397.3	389.8	398.1	36.7	37.2	36.6	9.2	9.5	9.2
<b>Nebraska</b> .....	799.4	800.5	815.2	48.0	56.2	53.0	6.0	7.0	6.5
Lincoln .....	115.3	116.2	117.0	4.4	5.0	4.6	3.8	4.3	4.0
Omaha .....	308.2	313.6	316.1	18.2	21.5	20.6	5.9	6.9	6.5
<b>Nevada</b> .....	501.0	506.8	508.9	42.1	41.8	38.0	8.4	8.2	7.5
Las Vegas .....	286.5	290.9	292.6	24.8	23.4	21.8	8.6	8.0	7.4
Reno .....	127.2	128.6	128.4	9.2	10.1	8.7	7.2	7.9	6.8
<b>New Hampshire</b> .....	516.0	541.3	548.1	21.5	20.7	20.7	4.2	3.8	3.8
Manchester .....	77.7	( <sup>2</sup> )	( <sup>2</sup> )	2.6	( <sup>2</sup> )	( <sup>2</sup> )	3.3	( <sup>2</sup> )	( <sup>2</sup> )
Nashua .....	87.1	88.9	89.4	2.7	3.5	3.2	3.1	4.0	3.6
<b>New Jersey<sup>1</sup></b> .....	3,838.0	3,888.1	3,833.7	253.7	248.0	189.2	6.6	6.4	4.9
Atlantic City .....	158.7	( <sup>2</sup> )	( <sup>2</sup> )	16.5	( <sup>2</sup> )	( <sup>2</sup> )	11.6	( <sup>2</sup> )	( <sup>2</sup> )
Bergen-Passaic .....	706.4	710.3	701.1	43.4	40.8	31.6	6.1	5.8	4.5
Jersey City .....	266.9	269.0	262.9	29.2	26.1	20.3	10.9	9.7	7.7
Middlesex-Somerset-Hunterdon .....	519.1	533.5	527.0	25.1	25.7	18.9	4.8	4.8	3.6
Monmouth-Ocean .....	425.0	439.2	436.4	23.1	24.5	17.9	5.4	5.8	4.1
Newark .....	970.2	972.8	956.1	63.9	64.2	48.6	6.6	6.6	5.1
Trenton .....	163.1	168.4	166.2	8.8	9.0	7.1	5.4	5.4	4.3
Vineland-Milville-Bridgeton .....	57.4	( <sup>2</sup> )	( <sup>2</sup> )	7.7	( <sup>2</sup> )	( <sup>2</sup> )	13.4	( <sup>2</sup> )	( <sup>2</sup> )
<b>New Mexico</b> .....	640.6	655.2	659.0	57.9	60.4	60.8	9.0	9.2	9.2
Albuquerque .....	240.0	249.5	251.5	16.1	15.5	15.5	6.7	6.2	6.2
Las Cruces .....	51.6	52.0	52.4	4.2	4.0	3.9	8.1	7.8	7.5
Santa Fe .....	57.2	60.5	60.9	3.2	3.6	3.4	5.5	6.0	5.5

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>	Mar. 1985	Feb. 1986	Mar. 1986 <sup>P</sup>
<b>New York<sup>1</sup></b> .....	8,124.4	8,296.3	8,306.5	587.9	609.3	603.4	7.2	7.3	7.3
Albany-Schenectady-Troy .....	393.3	406.4	403.4	23.3	25.2	25.6	5.9	6.2	6.3
Binghamton .....	124.7	126.0	124.7	7.9	9.9	10.1	6.4	7.9	8.1
Buffalo .....	422.3	435.9	433.1	34.1	37.1	38.2	8.1	8.5	8.8
Elmira .....	38.3	39.5	38.9	3.3	3.4	3.4	8.6	8.7	8.8
Glens Falls .....	46.9	48.2	47.8	4.2	4.6	5.0	9.0	9.6	10.4
Nassau-Suffolk .....	1,335.6	1,372.6	1,368.9	61.8	69.8	66.8	4.6	5.1	4.9
New York .....	3,800.3	3,850.0	3,892.8	311.5	293.0	282.5	8.2	7.6	7.3
New York City <sup>1</sup> .....	3,165.0	3,207.0	3,256.0	286.0	268.0	258.0	9.0	8.4	7.9
Orange County .....	117.3	121.4	120.5	6.6	7.6	8.1	5.6	6.2	6.8
Poughkeepsie .....	121.4	125.1	123.1	4.2	5.8	5.6	3.4	4.6	4.6
Rochester .....	474.7	490.1	483.4	27.1	30.7	32.2	5.7	6.3	6.7
Syracuse .....	299.2	314.5	309.8	18.9	26.0	27.1	6.3	8.3	8.8
Utica-Rome .....	130.8	132.4	131.8	10.7	12.4	12.7	8.2	9.3	9.6
<b>North Carolina<sup>1</sup></b> .....	3,038.9	3,159.1	3,129.0	169.1	180.6	177.6	5.6	5.7	5.7
Asheville .....	84.1	87.5	86.4	4.6	4.8	4.4	5.4	5.3	5.1
Charlotte-Gastonia-Rock Hill .....	569.6	585.6	583.0	27.6	29.6	29.6	4.9	5.0	5.1
Greensboro-Winston-Salem-High Point .....	486.0	511.7	505.7	20.4	25.8	24.4	4.2	5.0	4.8
Raleigh-Durham .....	363.4	385.0	379.8	9.2	12.2	11.9	2.5	3.2	3.1
<b>North Dakota</b> .....	325.5	319.6	333.5	25.4	25.2	26.9	7.8	7.9	8.1
Bismarck .....	44.2	44.2	45.4	3.8	4.1	4.0	8.7	9.2	8.8
Fargo-Moorhead .....	78.9	82.1	82.6	4.1	4.7	4.5	5.2	5.7	5.5
Grand Forks .....	34.0	34.8	35.7	1.9	1.5	1.7	5.7	4.3	4.8
<b>Ohio<sup>1</sup></b> .....	5,056.7	5,212.1	5,226.0	489.6	471.9	414.2	9.7	9.1	7.9
Akron .....	314.8	323.0	323.8	31.1	29.6	26.1	9.9	9.2	8.1
Canton .....	185.2	( <sup>2</sup> )	( <sup>2</sup> )	19.9	( <sup>2</sup> )	( <sup>2</sup> )	10.7	( <sup>2</sup> )	( <sup>2</sup> )
Cincinnati .....	695.6	( <sup>2</sup> )	( <sup>2</sup> )	53.6	( <sup>2</sup> )	( <sup>2</sup> )	7.7	( <sup>2</sup> )	( <sup>2</sup> )
Cleveland .....	908.2	929.2	932.0	79.9	74.9	66.3	8.8	8.1	7.1
Columbus .....	636.6	671.5	676.1	46.7	44.5	39.1	7.3	6.6	5.8
Dayton-Springfield .....	442.4	457.2	459.7	34.0	34.5	29.5	7.7	7.5	6.4
Toledo .....	292.9	303.1	303.7	27.1	27.0	23.7	9.2	8.9	7.8
Youngstown-Warren .....	217.7	( <sup>2</sup> )	( <sup>2</sup> )	26.4	( <sup>2</sup> )	( <sup>2</sup> )	12.1	( <sup>2</sup> )	( <sup>2</sup> )
<b>Oklahoma</b> .....	1,571.3	1,569.2	1,583.3	116.8	126.3	126.3	7.4	8.0	8.0
Enid .....	32.2	( <sup>2</sup> )	( <sup>2</sup> )	2.3	( <sup>2</sup> )	( <sup>2</sup> )	7.3	( <sup>2</sup> )	( <sup>2</sup> )
Lawton .....	46.1	46.5	46.8	2.3	2.5	2.4	5.0	5.4	5.0
Oklahoma City .....	514.0	510.5	513.2	31.2	32.3	31.8	6.1	6.3	6.2
Tulsa .....	341.6	346.4	349.1	25.4	29.3	28.5	7.4	8.5	8.2
<b>Oregon</b> .....	1,311.5	1,328.5	1,326.3	130.3	129.2	129.7	9.9	9.7	9.8
Eugene-Springfield .....	130.2	131.5	131.4	12.9	13.0	13.1	9.9	9.8	10.0
Portland .....	597.6	603.5	602.4	46.3	45.8	47.5	7.8	7.6	7.9
Salem .....	115.9	121.9	121.9	10.8	12.1	11.8	9.3	9.9	9.7
<b>Pennsylvania<sup>1</sup></b> .....	5,390.1	5,490.5	5,610.8	453.6	450.8	445.2	8.4	8.2	7.9
Allentown-Bethlehem .....	310.3	314.1	319.7	25.5	28.8	29.0	8.2	9.2	9.1
Altoona .....	55.5	57.3	58.9	6.0	6.4	6.4	10.8	11.3	10.9
Beaver County .....	66.6	66.3	67.1	9.5	10.0	9.7	14.2	15.1	14.5
Erie .....	123.9	125.2	127.8	11.8	11.6	11.7	9.5	9.3	9.1
Harrisburg-Lebanon-Carlisle .....	286.5	295.8	302.4	17.2	17.9	17.3	6.0	6.1	5.7
Johnstown .....	93.2	93.9	96.3	13.2	12.9	12.6	14.1	13.7	13.1
Lancaster .....	191.8	197.6	202.7	8.6	9.0	8.2	4.5	4.6	4.0
Philadelphia .....	2,255.3	2,299.4	2,334.3	139.0	137.0	130.9	6.2	6.0	5.8
Pittsburgh .....	933.3	947.9	968.5	93.8	87.8	86.7	10.1	9.3	9.0
Reading .....	162.7	164.9	168.8	11.7	12.9	13.5	7.2	7.8	8.0
Scranton-Wilkes-Barre .....	328.7	334.1	339.8	33.5	32.9	32.2	10.2	9.9	9.5
Sharon .....	48.5	48.8	50.1	5.3	4.9	4.5	10.9	10.0	8.9
State College .....	53.6	56.3	57.6	4.6	4.1	4.0	8.6	7.3	7.0
Williamsport .....	52.6	54.3	55.2	8.0	5.2	4.9	11.3	9.7	8.9
York .....	196.6	200.0	204.9	13.1	12.8	13.0	6.7	6.4	6.4
<b>Rhode Island</b> .....	494.8	496.9	500.4	28.1	26.2	23.6	5.7	5.3	4.7
Pawtucket-Woonsocket-Attleboro .....	160.2	164.0	165.3	10.2	9.4	9.4	6.3	5.8	5.7
Providence .....	324.1	323.4	324.9	17.9	16.9	14.6	5.5	5.2	4.5
<b>South Carolina</b> .....	1,532.0	1,523.4	1,554.2	111.4	115.3	113.8	7.3	7.6	7.3
Charleston .....	202.9	201.9	206.2	9.0	10.2	10.5	4.5	5.1	5.1
Columbia .....	206.9	207.5	213.3	7.8	8.6	8.7	3.8	4.1	4.1
Greenville-Spartanburg .....	302.9	301.4	306.8	19.6	19.1	19.0	6.5	6.3	6.2
<b>South Dakota</b> .....	337.6	331.4	339.5	20.1	18.3	17.6	6.0	5.5	5.2
Rapid City .....	36.7	36.7	37.0	2.1	2.1	1.9	5.6	5.7	5.1
Sioux Falls .....	67.9	67.7	68.7	3.7	3.5	3.3	5.5	5.1	4.8

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(Numbers in thousands)

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<b>Tennessee</b> .....	2,211.8	2,243.8	2,256.8	187.4	197.2	185.9	8.5	8.8	8.2
Chattanooga .....	193.8	199.3	200.8	15.0	14.8	14.4	7.7	7.4	7.2
Johnson City-Kingsport-Bristol .....	207.0	210.4	212.0	17.0	17.5	16.6	8.2	8.3	7.8
Knoxville .....	278.0	268.0	269.8	22.8	23.4	22.8	8.2	8.7	8.5
Memphis LMA .....	408.3	411.8	414.2	26.8	29.5	28.3	6.6	7.2	8.8
Nashville .....	473.3	484.1	488.6	23.3	26.3	23.3	4.9	5.4	4.8
<b>Texas<sup>1</sup></b> .....	8,102.3	7,901.3	7,977.5	581.2	692.7	673.1	7.2	8.8	8.4
Abilene .....	56.4	55.0	55.7	2.8	4.2	4.6	5.0	7.5	8.3
Amarillo .....	100.4	96.7	97.6	5.9	6.9	6.4	5.8	7.2	6.6
Austin .....	408.2	409.6	415.0	15.1	22.0	23.0	3.7	5.4	5.5
Beaumont-Port Arthur .....	173.4	160.3	160.0	23.2	24.9	23.4	13.4	15.5	14.6
Brazoria .....	80.5	78.2	78.7	6.8	8.6	8.1	8.5	10.9	10.3
Brownsville-Harlingen .....	94.0	91.9	93.0	15.1	17.3	16.3	16.1	18.8	17.5
Bryan-College Station .....	57.6	( <sup>2</sup> )	( <sup>2</sup> )	2.5	( <sup>2</sup> )	( <sup>2</sup> )	4.4	( <sup>2</sup> )	( <sup>2</sup> )
Corpus Christi .....	168.9	163.7	164.5	16.1	18.9	17.7	9.5	11.5	10.8
Dallas .....	1,366.7	1,343.2	1,361.2	60.3	76.9	73.2	4.4	5.7	5.4
El Paso .....	217.0	207.4	208.8	25.3	25.0	24.2	11.6	12.1	11.6
Fort Worth-Arlington .....	624.8	617.5	625.2	29.4	38.6	37.0	4.7	6.3	5.9
Galveston-Texas City .....	108.9	103.5	104.1	12.0	12.6	11.5	11.0	12.2	11.1
Houston .....	1,661.5	1,614.0	1,619.6	133.1	152.9	148.2	8.0	9.5	9.2
Killeen-Temple .....	83.5	82.9	83.8	5.2	6.6	6.4	6.2	8.0	7.6
Laredo .....	44.0	( <sup>2</sup> )	( <sup>2</sup> )	7.4	( <sup>2</sup> )	( <sup>2</sup> )	16.9	( <sup>2</sup> )	( <sup>2</sup> )
Longview-Marshall .....	80.9	79.3	79.7	7.9	9.4	9.2	9.8	11.8	11.5
Lubbock .....	109.6	106.5	107.8	6.5	7.9	7.5	5.9	7.5	7.0
McAllen-Edinburg-Mission .....	144.8	142.0	142.0	31.3	33.3	31.1	21.6	23.5	21.9
Midland .....	54.3	51.0	51.5	3.1	4.0	4.3	5.6	7.8	8.4
Odessa .....	62.9	59.6	59.8	4.1	5.5	6.2	6.5	9.3	10.3
San Angelo .....	45.3	( <sup>2</sup> )	( <sup>2</sup> )	2.5	( <sup>2</sup> )	( <sup>2</sup> )	5.4	( <sup>2</sup> )	( <sup>2</sup> )
San Antonio .....	558.9	544.1	548.8	34.4	39.5	37.7	6.2	7.3	6.9
Sherman-Denison .....	47.3	( <sup>2</sup> )	( <sup>2</sup> )	3.6	( <sup>2</sup> )	( <sup>2</sup> )	7.6	( <sup>2</sup> )	( <sup>2</sup> )
Texarkana .....	56.6	( <sup>2</sup> )	( <sup>2</sup> )	5.1	( <sup>2</sup> )	( <sup>2</sup> )	9.0	( <sup>2</sup> )	( <sup>2</sup> )
Tyler .....	75.3	74.4	74.7	4.7	6.5	6.1	6.3	8.7	8.1
Victoria .....	39.0	( <sup>2</sup> )	( <sup>2</sup> )	2.5	( <sup>2</sup> )	( <sup>2</sup> )	6.5	( <sup>2</sup> )	( <sup>2</sup> )
Waco .....	88.7	86.9	87.8	5.2	6.3	6.2	5.8	7.2	7.1
Wichita Falls .....	57.0	( <sup>2</sup> )	( <sup>2</sup> )	3.6	( <sup>2</sup> )	( <sup>2</sup> )	6.4	( <sup>2</sup> )	( <sup>2</sup> )
<b>Utah</b> .....	721.5	736.2	736.0	48.7	46.0	41.9	6.8	6.2	5.7
Provo-Orem .....	94.2	95.4	95.2	7.5	6.2	5.5	8.0	6.5	5.8
Salt Lake City-Ogden .....	475.2	487.9	487.8	27.9	27.5	25.1	5.9	5.6	5.1
<b>Vermont</b> .....	272.3	287.3	285.2	15.4	14.6	14.7	5.7	5.1	5.2
Burlington .....	67.3	68.7	89.0	2.8	2.3	2.5	4.1	3.4	3.6
<b>Virginia</b> .....	2,816.9	2,819.7	2,838.8	166.2	169.8	157.1	5.9	6.0	5.5
Charlottesville .....	63.3	( <sup>2</sup> )	( <sup>2</sup> )	3.2	( <sup>2</sup> )	( <sup>2</sup> )	5.1	( <sup>2</sup> )	( <sup>2</sup> )
Danville .....	52.8	( <sup>2</sup> )	( <sup>2</sup> )	6.0	( <sup>2</sup> )	( <sup>2</sup> )	11.4	( <sup>2</sup> )	( <sup>2</sup> )
Lynchburg .....	74.0	71.9	72.2	5.2	4.8	4.9	7.0	6.5	6.8
Norfolk-Virginia Beach-Newport News .....	547.2	556.8	562.7	27.5	30.2	29.1	5.0	5.4	5.2
Richmond-Petersburg .....	401.7	398.2	401.8	19.1	19.8	18.2	4.8	5.0	4.5
Roanoke .....	112.5	113.3	113.9	5.3	5.9	5.1	4.7	5.2	4.5
<b>Washington</b> .....	2,063.7	2,094.0	2,113.2	183.8	179.9	172.7	8.9	8.6	8.2
Seattle .....	900.4	926.1	930.7	64.1	59.0	57.6	7.1	6.4	6.2
<b>West Virginia</b> .....	762.3	744.8	731.5	114.5	97.4	85.7	15.0	13.1	11.7
Charleston .....	119.2	118.3	115.9	14.9	12.2	10.5	12.5	10.4	9.1
Huntington-Ashland .....	129.6	( <sup>2</sup> )	( <sup>2</sup> )	16.3	( <sup>2</sup> )	( <sup>2</sup> )	12.6	( <sup>2</sup> )	( <sup>2</sup> )
Parkersburg-Marietta .....	72.5	72.4	71.5	9.5	8.6	8.0	13.1	11.9	11.2
Wheeling .....	75.4	74.0	72.3	11.6	9.3	8.2	15.4	12.6	11.4
<b>Wisconsin</b> .....	2,358.6	2,343.5	2,350.6	209.6	207.4	195.5	8.9	8.8	8.3
Appleton-Oshkosh-Neenah .....	154.0	155.8	156.6	13.1	13.1	12.2	8.5	8.4	7.8
Eau Claire .....	65.9	64.9	64.8	5.9	5.4	5.3	9.0	8.3	8.2
Green Bay .....	97.0	96.9	97.8	7.1	7.2	6.7	7.3	7.4	6.8
Janesville-Beloit .....	68.1	68.4	68.5	5.5	6.6	6.5	8.1	9.7	9.5
Kenosha .....	55.2	53.1	53.3	9.6	9.7	7.2	17.4	18.2	13.4
La Crosse .....	50.2	50.7	50.8	3.8	3.6	3.5	7.7	7.1	6.9
Madison .....	199.8	202.9	203.2	10.3	10.9	10.3	5.2	5.4	5.0
Milwaukee .....	704.9	702.5	703.4	50.2	49.3	47.3	7.1	7.0	6.7
Racine .....	85.5	83.9	83.4	9.8	8.6	8.1	11.4	10.3	9.7
Sheboygan .....	51.4	51.6	52.0	3.6	4.0	3.8	7.0	7.8	7.2
Wausau .....	55.2	54.4	54.5	5.8	5.5	5.2	10.6	10.2	9.5
<b>Wyoming</b> .....	243.3	247.2	252.3	19.2	25.5	26.7	7.9	10.3	10.6

<sup>1</sup> Data are obtained directly from the Current Population Survey. See the Explanatory Notes for State and Area Labor Force Data.

<sup>2</sup> Not available.

<sup>3</sup> Publication of data has been suspended due to budget cuts.

<sup>4</sup> = preliminary.

NOTE: Data refer to place of residence. Estimates for 1985 have been

benchmark to 1985 Current Population Survey annual averages. Except in the 11 States and 2 areas designated by footnote 1, estimates for 1986 are provisional and will be revised when new benchmark information becomes available. Area definitions are published annually in the May issue of this publication.

# Annual Averages

## States and Areas

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry**

(In thousands)

State and area	Total			Mining			Construction		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Alabama</b> .....	1,328.8	1,387.7	1,422.4	13.7	14.2	14.5	59.8	64.8	71.1
Birmingham .....	342.7	356.2	367.6	7.6	7.4	7.5	18.7	19.4	20.6
Huntsville .....	97.0	105.2	111.0	.1	.1	.1	3.2	4.0	4.2
Mobile .....	144.6	151.5	157.0	( <sup>1</sup> )	1.0	1.0	9.3	10.2	11.8
Montgomery .....	107.5	113.0	115.8	.1	.1	.1	5.9	6.5	7.2
Tuscaloosa .....	49.6	52.2	53.8	1.9	2.6	3.0	2.0	2.3	2.5
<b>Alaska</b> .....	214.3	225.7	231.4	8.2	8.7	9.4	20.8	20.4	18.6
<b>Arizona</b> .....	1,077.8	1,181.9	1,277.5	14.3	13.1	12.0	78.6	97.0	110.4
Phoenix .....	692.9	770.8	839.7	.6	.7	.6	54.3	67.1	77.2
Tucson .....	197.3	214.5	232.2	3.6	3.4	2.4	14.8	18.3	21.2
<b>Arkansas</b> .....	741.3	780.2	800.1	5.3	5.6	5.4	30.0	33.7	36.1
Fayetteville-Springdale .....	39.4	41.9	43.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.6	1.9
Fort Smith .....	62.2	66.6	69.7	1.0	1.2	1.2	2.3	3.0	3.1
Little Rock-North Little Rock .....	204.5	214.2	220.9	.5	.4	.4	9.7	11.0	11.6
Pine Bluff .....	29.5	30.5	31.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.2	1.6
<b>California</b> .....	9,965.8	10,573.8	10,965.3	48.1	50.0	50.8	369.3	445.2	482.3
Anaheim-Santa Ana .....	873.8	950.7	993.5	3.8	3.9	3.3	34.5	44.2	50.2
Bakersfield .....	140.6	148.1	153.3	14.4	15.6	18.4	7.1	8.2	9.0
Fresno .....	176.1	186.3	191.4	1.0	1.1	1.0	9.1	10.5	11.1
Los Angeles-Long Beach .....	3,556.9	3,726.2	3,824.8	12.8	12.6	12.7	96.8	109.0	118.5
Modesto .....	85.6	89.0	92.9	.1	.1	.1	4.5	5.2	5.9
Oakland .....	692.1	735.0	764.2	1.8	2.0	2.0	35.4	41.5	44.4
Oxnard-Ventura .....	165.8	176.6	185.7	3.3	3.4	3.3	6.2	8.1	8.8
Riverside-San Bernardino .....	442.7	479.5	515.9	1.2	1.3	1.3	23.1	32.6	37.9
Sacramento .....	436.4	465.8	491.5	.8	.8	.9	18.0	23.1	26.7
Salinas-Seaside-Monterey .....	90.5	95.5	100.5	.3	.3	.4	3.1	3.5	3.6
San Diego .....	677.5	733.5	781.6	.5	.6	.8	31.8	41.4	47.1
San Francisco .....	872.4	902.5	917.1	2.8	2.5	2.0	28.1	29.8	31.6
San Jose .....	719.8	776.2	788.9	.2	.2	.2	24.2	30.1	32.7
Santa Barbara-Santa Maria-Lompoc .....	125.7	134.2	138.6	1.6	1.5	1.5	4.6	6.1	6.4
Santa Rosa-Petaluma .....	98.1	108.5	113.7	.6	.7	.7	4.9	6.5	7.0
Stockton .....	118.2	125.9	131.3	.1	.1	.1	5.6	6.7	7.4
Vallejo-Fairfield-Napa .....	103.1	108.9	113.6	.4	.4	.4	4.9	6.0	8.8
<b>Colorado</b> .....	1,327.2	1,402.3	1,422.4	36.1	35.9	32.9	83.0	89.9	85.6
Boulder-Longmont .....	97.0	106.4	103.6	.3	.3	.3	4.4	5.1	4.9
Denver .....	763.2	804.7	818.7	24.5	23.4	21.4	46.4	50.2	48.3
<b>Connecticut</b> .....	1,446.5	1,520.5	1,568.5	1.5	1.5	1.8	54.1	60.8	66.0
Bridgeport-Milford .....	177.7	185.0	189.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.2	6.2	7.3
Hartford .....	410.3	428.6	443.6	.2	.2	.3	12.8	14.7	16.1
New Britain .....	59.5	61.0	62.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.7	3.2
New Haven-Meriden .....	218.8	231.1	236.6	.3	.3	.3	8.9	9.8	10.6
Stamford .....	112.8	116.7	121.0	.8	.7	.8	4.5	4.5	5.2
Waterbury .....	78.1	84.4	85.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	3.2	3.6
<b>Delaware</b> .....	266.1	280.0	293.0	.1	.1	.1	16.1	16.9	17.8
Wilmington .....	234.6	245.3	255.2	.2	.2	.2	18.5	18.2	18.5
<b>District of Columbia</b> .....	596.6	613.8	629.0	.1	.1	.1	10.1	11.5	13.3
Washington MSA .....	1,698.6	1,805.6	1,907.8	1.1	1.1	1.2	81.9	96.8	110.5
<b>Florida</b> .....	3,905.6	4,208.7	4,422.4	9.6	10.2	10.1	268.8	318.4	334.6
Daytona Beach .....	67.1	94.5	101.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	6.7	7.3
Fort Lauderdale-Hollywood-Pompano Beach .....	375.9	407.6	426.0	.2	.3	.4	27.8	33.5	35.9
Fort Myers-Cape Coral .....	78.7	87.3	93.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.8	10.4	11.0
Gainesville .....	77.5	82.0	85.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	4.6	4.5
Jacksonville .....	315.7	339.6	359.9	.5	.6	.5	20.7	24.7	26.6
Lakeland-Winter Haven .....	120.6	127.6	132.7	4.7	4.9	4.7	7.5	8.7	8.6
Melbourne-Titusville-Palm Bay .....	116.8	127.1	135.7	( <sup>1</sup> )	( <sup>1</sup> )	.1	6.7	8.4	9.4
Miami-Hialeah .....	739.3	768.2	785.6	.8	.9	.9	36.6	38.9	39.1
Orlando .....	347.0	385.1	412.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.6	30.9	32.5
Pensacola .....	106.3	112.8	116.5	.5	.5	.4	7.8	8.9	9.6
Sarasota .....	81.6	88.3	92.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.3	9.6	9.9
Tallahassee .....	86.7	93.5	97.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.0	4.6	4.9
Tampa-St. Petersburg-Clearwater .....	638.0	693.6	729.5	.6	.7	.6	46.7	58.0	60.4
West Palm Beach-Boca Raton-DeLray Beach .....	241.5	268.3	285.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.9	25.2	27.1

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Alabama</b> .....	340.9	359.8	356.5	69.7	72.1	72.8	273.2	291.3	303.2
Birmingham .....	50.4	53.7	55.0	28.8	29.3	29.2	82.1	86.1	90.1
Huntsville .....	27.4	30.0	30.9	2.1	2.3	2.4	17.0	19.4	21.2
Mobile .....	25.2	25.5	25.7	9.6	9.6	9.6	36.7	39.9	41.2
Montgomery .....	15.6	17.4	17.0	4.3	4.5	4.6	24.1	25.4	25.7
Tuscaloosa .....	7.7	8.1	8.3	1.7	1.8	2.0	10.3	10.8	10.9
<b>Alaska</b> .....	11.9	11.3	11.8	18.6	19.2	19.1	41.4	44.5	46.3
<b>Arizona</b> .....	155.8	172.8	180.7	57.2	59.9	63.0	260.9	286.3	314.4
Phoenix .....	112.1	125.5	130.3	36.6	38.7	41.0	176.1	194.2	214.8
Tucson .....	26.5	28.9	31.5	8.7	8.9	9.4	43.3	47.5	52.1
<b>Arkansas</b> .....	200.3	213.0	210.2	42.7	45.4	47.4	163.0	172.9	181.8
Fayetteville-Springdale .....	8.8	9.5	9.5	2.9	3.3	3.7	9.2	9.9	10.5
Fort Smith .....	21.3	22.7	23.8	3.1	3.2	3.4	13.6	14.8	15.6
Little Rock-North Little Rock .....	33.1	34.0	33.8	13.7	14.3	14.9	47.7	50.6	53.7
Pine Bluff .....	5.6	5.8	5.8	3.1	3.3	3.0	5.9	6.2	6.5
<b>California</b> .....	1,949.3	2,065.5	2,089.5	536.9	554.6	564.9	2,343.9	2,507.4	2,615.4
Anaheim-Santa Ana .....	217.6	237.6	242.0	29.8	31.3	32.8	218.6	237.7	251.1
Bakersfield .....	9.9	10.3	10.4	7.8	7.6	8.3	36.2	38.5	38.6
Fresno .....	20.5	21.4	21.6	9.9	10.3	10.2	45.8	48.0	48.8
Los Angeles-Long Beach .....	854.2	887.9	895.1	195.1	197.6	200.5	812.6	866.3	891.8
Modesto .....	18.9	19.7	20.1	4.1	4.4	4.2	21.7	22.6	23.6
Oakland .....	98.7	103.0	103.7	43.4	46.3	49.7	172.8	185.1	192.4
Oxnard-Ventura .....	26.1	27.9	28.6	6.8	7.1	8.3	41.3	44.4	47.8
Riverside-San Bernardino .....	57.3	61.3	66.0	25.6	27.6	29.3	114.0	123.7	132.2
Sacramento .....	29.3	33.1	34.8	22.5	23.4	23.6	105.4	113.7	120.0
Salinas-Seaside-Monterey .....	8.4	8.6	9.3	4.4	4.7	5.1	24.8	26.4	27.7
San Diego .....	106.9	116.0	121.8	29.8	30.5	31.3	159.8	173.4	185.6
San Francisco .....	85.7	85.4	81.6	82.1	85.1	83.4	192.3	202.8	210.7
San Jose .....	270.9	293.7	291.0	21.3	21.8	22.1	133.5	144.1	150.3
Santa Barbara-Santa Maria-Lompoc .....	21.6	23.7	23.4	5.2	5.4	5.5	30.0	31.4	33.2
Santa Rosa-Petaluma .....	15.7	17.8	18.1	4.9	5.3	5.4	24.6	27.7	29.3
Stockton .....	19.3	21.1	21.6	7.8	8.3	8.3	27.7	29.2	30.5
Vallejo-Fairfield-Napa .....	10.2	10.4	10.9	4.2	4.3	4.4	23.2	25.8	26.7
<b>Colorado</b> .....	180.7	195.3	193.3	83.7	87.2	89.1	326.2	345.9	353.5
Boulder-Longmont .....	30.8	34.3	29.4	2.5	2.6	2.5	18.5	20.9	21.3
Denver .....	94.6	100.0	102.4	58.4	61.3	63.8	189.6	202.3	205.2
<b>Connecticut</b> .....	403.4	415.3	410.6	61.7	66.6	68.8	312.6	332.8	349.8
Bridgeport-Milford .....	62.2	63.5	63.0	7.1	7.3	7.4	38.8	41.2	43.6
Hartford .....	89.7	92.7	93.4	14.5	15.8	16.8	85.7	91.5	96.0
New Britain .....	23.9	23.8	22.5	3.1	3.1	3.2	10.8	11.3	11.9
New Haven-Meriden .....	45.8	48.7	47.7	16.3	17.6	17.5	49.4	52.3	54.9
Stamford .....	30.6	29.8	28.5	4.5	4.7	4.8	25.0	27.2	28.9
Waterbury .....	26.4	29.2	28.7	2.9	3.0	3.1	14.8	16.3	16.2
<b>Delaware</b> .....	68.2	70.6	72.1	11.9	11.9	11.9	58.3	61.9	64.6
Wilmington .....	60.6	62.4	62.3	11.5	11.7	13.0	48.2	50.9	52.4
<b>District of Columbia</b> .....	14.2	14.5	14.9	25.8	26.1	25.7	58.8	62.5	63.6
Washington MSA .....	71.2	77.3	81.6	77.8	83.0	87.2	334.2	358.3	379.9
<b>Florida</b> .....	464.3	501.8	515.2	231.4	241.1	243.5	1,037.6	1,121.4	1,195.2
Daytona Beach .....	9.3	10.7	11.9	3.3	3.3	3.3	25.0	27.0	29.0
Fort Lauderdale-Hollywood-Pompano Beach .....	41.1	43.7	44.1	19.0	21.3	20.9	109.8	118.9	125.1
Fort Myers-Cape Coral .....	3.9	4.4	4.7	4.3	4.1	4.2	23.2	25.7	28.4
Gainesville .....	5.0	5.5	5.2	1.7	1.7	1.7	17.0	18.0	18.6
Jacksonville .....	32.9	35.9	37.0	25.3	26.8	27.6	84.0	90.9	96.0
Lakeland-Winter Haven .....	20.8	22.4	22.1	5.5	6.0	6.0	30.9	33.3	36.0
Melbourne-Titusville-Palm Bay .....	25.3	26.5	26.9	5.0	5.3	5.4	25.9	27.9	30.6
Miami-Hialeah .....	91.8	95.4	94.1	69.0	70.2	67.9	192.6	201.4	210.3
Orlando .....	41.6	45.5	48.2	17.2	20.1	21.2	94.9	104.7	112.9
Pensacola .....	12.4	12.4	11.9	6.0	6.2	6.6	25.5	27.5	28.9
Sarasota .....	6.2	7.2	7.5	3.4	3.4	3.5	24.6	26.2	27.4
Tallahassee .....	3.7	3.8	4.0	2.8	2.8	2.8	18.8	19.7	20.8
Tampa-St. Petersburg-Clearwater .....	81.3	88.7	91.5	35.0	36.1	36.8	174.0	189.5	201.6
West Palm Beach-Boca Raton-Delray Beach .....	30.2	35.1	37.4	9.9	10.4	10.5	64.3	70.5	74.1

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Alabama</b> .....	59.9	62.8	65.6	218.9	229.3	241.4	292.7	293.4	297.3
Birmingham .....	23.8	25.0	26.4	74.0	77.5	81.1	57.3	57.8	57.7
Huntsville .....	2.8	2.9	3.2	17.1	18.8	20.9	27.3	27.7	28.1
Mobile .....	7.2	7.5	8.0	( <sup>1</sup> )	31.1	32.5	25.4	26.7	27.2
Montgomery .....	6.3	6.6	6.9	21.5	22.4	23.2	29.7	30.1	31.1
Tuscaloosa .....	1.6	1.6	1.7	6.8	7.0	7.2	17.6	18.0	18.2
<b>Alaska</b> .....	10.7	12.2	12.8	39.8	43.0	45.4	63.0	66.5	68.1
<b>Arizona</b> .....	65.7	72.1	80.6	242.2	273.2	298.0	203.1	207.5	218.4
Phoenix .....	51.4	56.3	63.1	160.8	185.1	201.8	101.0	103.2	110.9
Tucson .....	9.1	10.1	11.5	45.8	50.4	55.9	45.5	47.0	48.4
<b>Arkansas</b> .....	34.1	35.6	36.6	128.6	134.5	139.3	137.3	139.5	143.3
Fayetteville-Springdale .....	1.4	1.5	1.5	5.6	5.9	6.0	10.0	10.2	10.4
Fort Smith .....	2.3	2.5	2.6	11.9	12.4	13.1	6.7	6.8	6.9
Little Rock-North Little Rock .....	14.4	14.7	14.9	42.9	45.6	47.2	42.5	43.6	44.4
Pine Bluff .....	1.4	1.5	1.5	5.7	5.6	5.6	6.7	6.9	7.0
<b>California</b> .....	661.7	694.2	730.5	2,332.2	2,509.5	2,637.6	1,724.3	1,747.4	1,794.5
Anaheim-Santa Ana .....	64.2	69.6	74.4	201.8	221.7	232.3	103.5	104.8	107.5
Bakersfield .....	5.6	5.6	5.8	26.4	27.8	28.9	33.3	34.4	36.0
Fresno .....	12.0	12.8	13.1	37.9	41.5	43.6	39.8	40.6	42.1
Los Angeles-Long Beach .....	238.3	251.0	259.5	882.3	934.2	968.1	464.9	467.7	478.7
Modesto .....	3.7	3.9	4.0	17.4	18.3	19.7	15.3	15.0	15.3
Oakland .....	40.3	43.5	46.5	148.9	161.6	171.1	150.9	152.1	154.5
Oxnard-Ventura .....	10.6	10.9	10.4	33.8	36.8	39.2	37.7	38.0	39.3
Riverside-San Bernardino .....	19.8	20.9	22.0	99.7	107.1	118.6	102.0	105.0	108.4
Sacramento .....	24.8	26.8	28.5	86.8	94.3	101.2	148.8	150.7	155.7
Salinas-Seaside-Monterey .....	4.6	4.8	4.7	20.7	22.5	24.1	24.2	24.7	25.6
San Diego .....	45.8	48.5	51.7	163.5	181.3	197.4	139.5	141.8	146.0
San Francisco .....	111.7	111.8	111.5	238.2	251.9	261.7	131.6	133.1	134.7
San Jose .....	29.6	30.9	31.7	162.9	176.8	180.5	77.3	78.7	80.4
Santa Barbara-Santa Maria-Lompoc .....	6.3	7.0	7.4	32.0	34.3	35.8	24.4	24.8	25.6
Santa Rosa-Petaluma .....	6.5	7.1	7.7	21.0	23.3	24.8	19.8	20.1	20.8
Stockton .....	6.2	7.4	8.0	24.5	25.8	27.1	27.0	27.3	28.3
Vallejo-Fairfield-Napa .....	3.7	4.0	4.6	21.3	23.0	24.5	35.3	34.9	35.4
<b>Colorado</b> .....	87.0	94.7	97.7	289.7	309.2	321.2	240.7	244.4	249.2
Boulder-Longmont .....	3.1	3.5	3.7	18.1	20.0	21.1	19.2	19.8	20.4
Denver .....	59.5	64.6	66.1	174.4	186.8	193.4	115.7	116.2	118.0
<b>Connecticut</b> .....	117.4	123.3	130.3	313.8	335.0	352.5	181.9	185.2	188.9
Bridgeport-Milford .....	8.7	9.0	9.7	38.0	40.2	40.9	17.7	17.6	17.9
Hartford .....	67.2	67.2	67.9	86.6	92.2	96.8	53.5	54.3	56.3
New Britain .....	1.9	2.5	3.1	11.0	11.3	11.9	6.2	6.3	6.4
New Haven-Meriden .....	12.9	13.4	13.6	56.4	59.8	62.2	28.8	29.2	29.8
Stamford .....	8.8	9.4	10.0	28.6	30.7	33.6	10.0	9.7	9.2
Waterbury .....	3.7	3.7	3.6	17.9	18.9	19.8	9.9	10.1	10.6
<b>Delaware</b> .....	15.5	17.1	19.5	52.6	57.7	62.3	43.4	43.7	44.8
Wilmington .....	14.3	15.8	18.1	46.9	51.4	55.2	34.3	34.8	35.6
<b>District of Columbia</b> .....	34.5	34.8	34.6	194.2	203.7	213.7	258.8	260.6	263.1
Washington MSA .....	97.3	103.2	107.1	502.0	542.1	583.1	533.1	543.9	557.2
<b>Florida</b> .....	283.2	299.2	317.6	971.4	1,065.9	1,133.0	639.3	650.7	673.2
Daytona Beach .....	5.3	5.7	6.1	23.9	25.5	27.1	15.2	15.6	16.3
Fort Lauderdale-Hollywood-Pompano Beach .....	32.7	33.6	35.6	96.6	106.6	112.8	48.7	49.7	52.0
Fort Myers-Cape Coral .....	6.7	6.7	6.9	19.1	22.4	24.5	12.6	13.4	14.0
Gainesville .....	3.4	3.3	3.3	16.4	17.8	18.9	29.7	31.0	32.7
Jacksonville .....	29.0	30.8	32.4	73.2	78.5	84.1	50.1	51.4	53.7
Lakeland-Winter Haven .....	7.3	7.3	7.5	26.5	28.1	29.9	17.4	16.9	17.9
Melbourne-Titusville-Palm Bay .....	4.3	4.6	4.9	30.4	35.4	39.6	19.2	19.0	18.8
Miami-Hialeah .....	60.1	62.2	65.0	192.0	202.4	208.5	96.4	96.8	99.8
Orlando .....	22.6	24.9	26.9	100.2	113.7	122.3	44.9	45.3	48.5
Pensacola .....	4.4	4.7	4.9	24.1	26.8	27.9	25.6	25.8	26.3
Sarasota .....	7.1	7.3	7.6	21.5	23.7	25.1	10.5	10.8	11.1
Tallahassee .....	4.2	4.4	4.5	16.0	17.7	18.6	36.9	40.1	41.6
Tampa-St. Petersburg-Clearwater .....	48.2	52.6	56.6	165.3	180.6	191.2	86.9	87.4	90.8
West Palm Beach-Boca Raton-Delray Beach .....	20.1	21.3	23.4	64.1	72.9	79.3	32.0	32.8	33.9

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Total			Mining			Construction		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Georgia</b> .....	2,279.5	2,448.7	2,565.8	7.3	7.8	8.0	108.8	131.5	145.6
Albany .....	44.4	47.3	49.4	( <sup>1</sup> )	.1	( <sup>1</sup> )	2.0	2.4	2.3
Athens .....	54.9	57.3	58.9	( <sup>1</sup> )	.1	.1	1.6	1.9	2.5
Atlanta .....	1,096.0	1,193.5	1,271.5	1.0	1.1	1.2	51.7	63.6	73.4
Augusta .....	129.4	138.0	145.2	.4	.5	.5	7.2	8.4	8.9
Columbus .....	82.3	86.8	88.9	( <sup>1</sup> )	.1	.1	4.4	5.2	5.2
Macon-Warner Robins .....	105.9	110.0	113.9	.1	.2	.2	4.4	5.0	5.1
Savannah .....	88.7	92.4	95.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.9	5.4	5.2
<b>Hawaii</b> .....	406.2	412.7	423.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.8	15.8	17.0
Honolulu .....	330.1	334.4	340.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.7	13.1	13.8
<b>Idaho</b> .....	317.9	330.5	338.3	4.1	4.2	3.9	13.2	14.6	15.6
Boise City .....	78.1	83.1	86.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.9	5.4	5.4
<b>Illinois</b> .....	4,530.6	4,672.3	4,767.1	24.6	26.5	28.6	144.2	154.7	181.4
Aurora-Elgin .....	116.3	123.9	127.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.8	4.3
Bloomington-Normal .....	49.5	50.8	51.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.2	1.2
Champaign-Urbana-Rantoul .....	72.6	74.5	76.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.7	2.0
Chicago .....	2,670.4	2,810.9	2,939.6	2.0	2.2	2.5	80.5	94.8	108.5
Davenport-Rock Island-Moline .....	145.5	146.8	147.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	4.7	4.6
Decatur .....	49.2	49.2	49.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.7	1.7
Joliet .....	85.7	89.3	91.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	4.1	4.3
Kankakee .....	31.2	31.2	32.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.3	1.1
Lake County .....	153.1	166.0	172.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	5.5	6.5
Peoria .....	125.6	129.4	129.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.3	5.4	5.4
Rockford .....	110.1	115.7	119.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	3.5	3.4
Springfield .....	87.0	87.9	91.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.6	2.5
<b>Indiana</b> .....	2,029.5	2,122.3	2,176.8	9.7	10.2	10.2	74.8	79.4	89.1
Anderson .....	44.8	47.3	47.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.2	1.3
Elkhart-Goshen .....	78.9	86.7	87.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	2.2	2.4
Evansville .....	113.8	119.7	121.7	2.8	2.9	2.8	5.6	6.6	6.9
Fort Wayne .....	148.5	158.3	166.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	6.2	7.2
Gary-Hammond .....	218.4	215.7	215.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.3	10.1	11.9
Indianapolis .....	509.4	536.1	554.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	19.8	22.8	24.9
Lafayette .....	55.6	58.1	59.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.6	1.8
Muncie .....	44.9	46.5	47.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.3	1.5
South Bend-Mishawaka .....	95.2	101.5	103.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	4.2	4.3
Terre Haute .....	49.9	50.9	51.6	.4	.4	.5	1.9	1.9	1.8
<b>Iowa</b> .....	1,040.4	1,074.7	1,074.7	1.9	2.0	2.1	35.9	38.7	36.3
Cedar Rapids .....	76.3	78.4	81.0	.1	.2	.2	2.5	2.7	3.0
Des Moines .....	182.0	189.5	192.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.2	6.9	7.7
Dubuque .....	37.7	39.7	39.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.3	1.1
Iowa City .....	45.4	47.7	48.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.8	1.3
Sioux City .....	47.3	48.3	48.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.7	1.4
Waterloo-Cedar Falls .....	64.5	63.4	60.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	2.1	1.8
<b>Kansas</b> .....	921.6	960.8	975.3	17.2	17.9	16.7	39.7	43.6	43.9
Lawrence .....	27.4	28.0	29.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	.9	1.0	.9
Topeka .....	78.6	82.4	83.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	3.3	3.2
Wichita .....	189.9	200.6	204.3	3.2	3.4	3.2	8.8	9.5	9.4
<b>Kentucky</b> .....	1,152.3	1,213.8	1,247.6	42.3	45.6	43.6	46.6	50.5	55.1
Lexington-Fayette .....	148.1	157.5	164.3	.6	.8	.8	6.8	8.1	8.9
Louisville .....	380.8	398.2	410.9	.6	.6	.6	15.5	18.1	19.4
Owensboro .....	30.6	31.9	32.4	1.0	1.1	1.1	1.7	1.8	1.8
<b>Louisiana</b> .....	1,565.2	1,601.5	1,597.5	80.7	81.6	81.5	115.2	118.3	105.9
Alexandria .....	43.3	44.6	45.0	.3	.3	.2	2.6	2.9	2.9
Baton Rouge .....	205.2	213.2	216.0	1.0	1.0	1.2	20.5	22.8	21.9
Houma-Thibodaux .....	61.1	61.7	62.3	7.7	8.0	8.4	2.9	3.2	2.8
Lafayette .....	97.2	98.5	99.2	16.9	17.0	17.4	5.9	5.5	5.3
Lake Charles .....	61.6	60.2	58.8	2.3	2.3	2.3	6.3	4.2	3.8
Monroe .....	52.7	54.7	55.9	.6	.6	.6	3.1	3.5	3.7
New Orleans .....	533.1	545.1	534.3	19.0	19.7	19.5	35.3	34.7	27.8
Shreveport .....	135.1	141.6	142.2	5.4	5.2	4.9	8.1	8.6	8.5
<b>Maine</b> .....	425.0	445.7	459.1	.2	.2	.1	16.9	20.4	23.0
Lewiston-Auburn .....	35.0	36.5	36.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.5	1.7
Portland .....	94.4	102.0	108.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	5.2	5.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Georgia</b> .....	511.1	546.5	554.3	147.7	156.5	162.4	547.6	602.4	648.0
Albany .....	10.3	10.3	10.7	2.4	2.5	2.6	10.2	11.4	12.2
Athens .....	14.4	15.3	14.8	1.6	1.6	1.7	10.8	11.9	12.6
Atlanta .....	160.5	175.3	183.0	93.9	100.4	104.6	305.7	337.6	364.4
Augusta .....	34.9	36.0	36.9	4.4	4.6	5.0	25.9	28.6	31.1
Columbus .....	20.2	21.6	20.8	3.1	3.3	3.2	17.3	18.5	19.6
Macon-Warner Robins .....	19.0	19.7	19.6	4.6	4.6	4.9	22.0	23.5	25.3
Savannah .....	15.7	15.9	15.7	9.6	9.5	9.7	20.9	22.5	24.2
<b>Hawaii</b> .....	22.4	21.9	21.8	31.1	32.0	33.3	106.8	111.4	115.5
Honolulu .....	16.4	15.8	15.8	25.7	26.4	27.3	86.3	89.6	91.7
<b>Idaho</b> .....	51.4	54.8	55.2	19.1	19.1	19.3	79.4	83.0	84.6
Boise City .....	9.0	10.3	10.9	5.2	5.3	5.5	19.9	21.3	22.2
<b>Illinois</b> .....	955.8	997.0	981.1	264.5	278.3	277.0	1,097.5	1,148.1	1,168.1
Aurora-Elgin .....	34.7	38.3	37.7	3.4	3.3	3.0	31.4	33.7	34.4
Bloomington-Normal .....	5.2	5.1	4.4	3.3	3.3	3.2	11.8	12.4	12.7
Champaign-Urbana-Rantoul .....	6.4	7.2	7.2	2.4	2.4	2.3	18.0	18.1	19.2
Chicago .....	569.3	592.3	580.7	162.4	174.7	183.9	630.3	678.9	728.3
Davenport-Rock Island-Moline .....	34.4	33.8	32.1	7.0	8.0	8.1	38.6	39.2	40.8
Decatur .....	15.7	15.6	14.9	4.0	3.9	4.3	10.7	10.6	10.8
Joliet .....	17.6	19.8	19.5	8.7	8.6	8.6	18.7	20.1	21.4
Kankakee .....	5.5	5.1	5.1	1.2	1.3	1.4	7.5	7.8	8.1
Lake County .....	37.3	41.0	42.0	5.2	5.4	6.0	38.6	42.4	42.7
Peoria .....	31.0	34.8	32.1	6.6	6.6	6.6	31.5	32.0	32.9
Rockford .....	40.9	45.1	45.3	4.4	4.5	4.5	25.1	25.5	27.1
Springfield .....	5.1	4.9	4.4	4.1	4.2	4.6	18.9	18.2	18.7
<b>Indiana</b> .....	581.6	620.5	610.3	102.6	105.6	109.4	466.4	488.6	509.7
Anderson .....	17.6	19.2	19.1	1.2	1.2	1.2	9.5	10.0	10.3
Elkhart-Goshen .....	42.4	47.5	47.3	2.6	2.7	2.8	14.8	16.1	16.2
Evansville .....	29.4	32.2	31.5	6.2	6.4	6.5	28.9	29.8	30.5
Fort Wayne .....	41.3	45.0	46.6	9.4	10.3	10.9	37.1	38.9	41.2
Gary-Hammond .....	70.3	65.6	60.4	12.9	13.1	13.7	46.6	48.7	49.0
Indianapolis .....	106.3	111.1	108.3	30.2	30.9	32.3	129.5	136.6	142.5
Lafayette .....	10.3	11.3	11.4	1.7	1.8	1.7	11.3	12.0	12.5
Muncie .....	10.6	11.3	11.0	1.8	2.0	2.2	11.0	11.3	11.5
South Bend-Mishawaka .....	22.9	25.0	24.7	4.2	4.3	4.4	24.8	26.5	27.2
Terre Haute .....	10.2	10.5	10.6	2.7	2.6	2.5	13.6	13.9	14.0
<b>Iowa</b> .....	202.3	211.9	204.9	51.3	51.5	51.4	268.7	277.1	277.1
Cedar Rapids .....	21.3	21.4	21.9	3.8	3.7	3.9	18.9	19.7	20.1
Des Moines .....	22.1	23.5	22.6	11.1	11.2	12.4	47.9	50.4	50.5
Dubuque .....	10.5	11.9	12.0	1.8	1.8	1.7	8.6	8.9	8.9
Iowa City .....	3.7	3.8	3.9	.9	1.0	1.0	8.5	9.1	9.4
Sioux City .....	9.0	9.5	10.0	3.4	3.4	3.2	12.4	12.7	12.6
Waterloo-Cedar Falls .....	17.9	16.5	14.0	2.2	2.2	2.0	14.5	14.6	14.3
<b>Kansas</b> .....	164.7	176.4	174.3	62.2	64.1	64.8	229.0	239.4	245.3
Lawrence .....	4.3	4.2	4.3	1.3	1.3	1.4	5.8	6.1	6.5
Topeka .....	8.8	9.5	9.5	7.2	7.4	7.2	17.3	18.5	18.9
Wichita .....	49.4	54.5	54.9	9.8	9.9	9.9	45.2	47.9	50.1
<b>Kentucky</b> .....	242.5	257.4	255.5	62.7	65.2	66.5	265.6	282.1	296.0
Lexington-Fayette .....	26.6	29.3	29.8	7.5	7.5	7.5	33.7	36.4	38.7
Louisville .....	85.4	89.5	86.5	22.6	23.5	24.7	91.6	97.7	103.7
Owensboro .....	5.9	6.2	6.1	2.3	2.2	2.3	7.6	8.1	8.2
<b>Louisiana</b> .....	180.1	182.4	178.3	118.2	118.6	115.2	369.4	383.6	386.8
Alexandria .....	3.4	3.4	3.5	2.1	2.2	2.3	10.4	10.9	10.9
Baton Rouge .....	22.2	21.6	20.9	10.2	10.4	10.3	48.5	51.7	52.2
Houma-Thibodaux .....	5.9	5.4	5.2	7.4	7.5	7.6	14.8	15.3	15.5
Lafayette .....	5.9	6.2	6.2	7.1	7.2	7.3	25.6	25.8	25.8
Lake Charles .....	9.9	9.7	9.1	4.4	4.4	4.2	14.4	14.8	14.8
Monroe .....	7.2	7.3	7.4	2.7	2.7	2.8	14.2	15.0	15.7
New Orleans .....	49.5	47.7	45.6	49.3	48.0	45.8	133.2	140.6	140.4
Shreveport .....	19.7	22.5	22.2	8.8	9.0	8.7	32.8	33.9	33.8
<b>Maine</b> .....	109.2	110.6	106.2	18.4	19.1	19.3	94.5	101.3	108.4
Lewiston-Auburn .....	11.1	11.3	10.5	1.3	1.3	1.4	8.2	8.4	8.6
Portland .....	14.9	16.1	16.4	5.5	5.6	5.6	26.6	29.5	31.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Georgia</b> .....	121.8	128.3	137.1	397.6	433.7	463.1	437.6	442.0	447.3
Albany .....	2.1	2.3	2.5	( <sup>1</sup> )	6.9	7.6	10.9	11.5	11.5
Athens .....	1.7	1.7	1.9	7.6	7.9	8.1	17.2	16.9	17.4
Atlanta .....	77.1	82.4	89.4	234.7	258.7	278.5	171.4	174.3	177.0
Augusta .....	4.8	5.1	5.3	19.7	21.6	25.5	32.2	33.2	32.0
Columbus .....	5.4	5.7	5.9	( <sup>1</sup> )	13.2	14.0	19.6	19.2	20.0
Macon-Warner Robins .....	6.5	6.6	6.8	17.6	18.6	19.6	31.6	32.0	32.5
Savannah .....	4.0	4.1	4.2	17.6	18.9	20.0	16.1	16.0	16.3
<b>Hawaii</b> .....	31.9	31.9	32.0	104.9	107.9	110.2	91.3	91.8	93.3
Honolulu .....	27.3	27.2	27.1	82.3	84.5	86.1	77.4	77.8	79.0
<b>Idaho</b> .....	23.0	23.5	23.7	59.9	82.5	65.8	67.8	68.9	70.3
Boise City .....	7.7	8.0	8.2	16.0	16.7	17.8	15.4	16.0	16.1
<b>Illinois</b> .....	320.1	322.2	337.8	1,022.5	1,057.6	1,100.4	701.6	687.9	692.6
Aurora-Elgin .....	6.4	6.6	6.6	23.8	24.2	26.8	13.4	14.0	14.1
Bloomington-Normal .....	8.6	8.6	8.7	9.1	9.9	10.5	10.5	10.4	10.8
Champaign-Urbana-Rantoul .....	2.4	2.7	2.6	11.9	12.5	13.1	29.7	29.9	30.5
Chicago .....	226.2	231.0	242.6	660.8	698.8	741.6	339.0	338.3	351.6
Davenport-Rock Island-Moline .....	7.3	7.1	7.3	26.1	27.0	28.2	26.6	26.9	26.9
Decatur .....	2.7	2.7	2.7	9.0	9.2	9.7	5.1	5.4	5.3
Joliet .....	3.5	3.5	3.6	17.8	17.6	18.9	15.4	15.3	15.4
Kankakee .....	1.5	1.5	1.6	7.1	7.2	8.0	7.3	7.2	6.8
Lake County .....	5.3	6.1	5.6	32.0	35.0	38.6	29.6	29.9	30.8
Peoria .....	6.6	6.6	6.8	28.0	28.7	30.5	16.0	15.3	15.5
Rockford .....	4.3	4.5	4.8	20.2	21.1	22.9	12.0	11.5	11.9
Springfield .....	7.5	7.7	7.7	18.9	20.2	22.0	29.6	30.1	31.0
<b>Indiana</b> .....	101.4	103.3	105.9	366.1	386.6	408.6	327.0	328.1	333.6
Anderson .....	1.6	1.6	1.6	8.2	8.6	8.6	5.6	5.5	5.7
Elkhart-Goshen .....	2.1	2.2	2.3	10.3	11.0	11.6	5.0	5.0	5.1
Evansville .....	4.3	4.6	4.7	25.5	26.2	27.3	11.1	11.0	11.5
Fort Wayne .....	10.3	10.5	10.8	28.6	30.8	32.5	16.6	16.6	16.9
Gary-Hammond .....	8.6	8.1	7.8	39.1	40.8	42.5	30.5	29.3	30.3
Indianapolis .....	38.8	39.7	40.8	101.7	110.8	119.3	82.3	83.3	85.5
Lafayette .....	2.6	2.6	2.7	9.5	9.9	10.3	18.7	18.9	19.1
Muncie .....	1.5	1.5	1.5	8.5	8.9	9.4	10.2	10.2	10.4
South Bend-Mishawaka .....	4.7	4.9	5.1	24.9	26.3	27.6	10.3	10.3	10.6
Terre Haute .....	1.7	1.7	1.7	9.7	10.0	10.3	9.7	9.9	10.2
<b>Iowa</b> .....	59.8	61.8	63.0	217.1	227.0	231.3	203.4	204.5	208.7
Cedar Rapids .....	4.4	4.6	4.8	15.7	16.4	17.3	9.5	9.7	9.8
Des Moines .....	22.7	23.8	24.7	43.6	45.2	45.8	28.3	28.4	28.7
Dubuque .....	1.3	1.4	1.4	10.7	10.9	11.2	3.7	3.5	3.4
Iowa City .....	1.2	1.3	1.3	6.3	6.8	7.2	23.1	23.8	24.1
Sioux City .....	2.6	2.5	2.6	12.0	12.1	12.1	6.4	6.2	6.3
Waterloo-Cedar Falls .....	3.0	3.2	3.1	13.2	13.3	13.4	11.6	11.5	11.7
<b>Kansas</b> .....	50.0	51.3	52.8	175.9	182.8	186.9	182.9	185.2	190.5
Lawrence .....	.9	.9	.9	4.1	4.4	4.8	10.1	10.1	10.4
Topeka .....	5.7	5.8	5.8	17.2	17.7	18.0	19.5	20.1	20.5
Wichita .....	9.8	10.2	10.8	40.0	40.8	41.2	23.7	24.4	24.9
<b>Kentucky</b> .....	53.1	55.1	57.3	222.9	234.8	245.9	216.6	223.0	227.6
Lexington-Fayette .....	7.5	7.8	8.1	32.7	34.2	37.0	32.7	33.4	33.5
Louisville .....	24.7	25.8	26.8	83.8	86.8	91.2	56.6	56.2	58.0
Owensboro .....	1.2	1.2	1.2	6.3	6.6	7.0	4.6	4.7	4.7
<b>Louisiana</b> .....	82.0	83.9	85.3	304.6	314.5	319.9	315.0	310.6	324.7
Alexandria .....	2.4	2.5	2.5	9.5	9.8	9.8	12.7	12.7	13.0
Baton Rouge .....	12.3	13.1	13.8	38.4	39.2	41.0	52.2	53.4	54.6
Houma-Thibodaux .....	2.4	2.5	2.6	9.1	9.2	9.1	10.9	10.7	11.2
Lafayette .....	4.1	4.2	4.0	18.8	19.6	19.8	13.0	13.0	13.4
Lake Charles .....	2.8	2.8	2.7	11.0	11.2	11.0	10.6	10.9	11.0
Monroe .....	3.9	4.0	4.3	10.4	10.6	11.0	10.7	11.0	10.4
New Orleans .....	32.5	33.3	33.3	126.6	132.1	133.0	87.7	89.2	89.0
Shreveport .....	7.7	7.9	7.9	29.0	30.0	30.7	23.5	24.5	25.5
<b>Maine</b> .....	18.1	19.6	20.9	84.6	90.6	95.3	83.1	83.9	85.9
Lewiston-Auburn .....	1.6	1.7	1.9	7.9	8.8	9.2	3.5	3.5	3.7
Portland .....	8.2	8.8	9.5	21.4	23.3	25.2	13.5	13.5	13.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Total			Mining			Construction		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Maryland</b> .....	1,724.1	1,814.0	1,885.1	1.9	1.7	1.7	101.4	116.0	129.0
Baltimore MSA .....	960.2	994.0	1,024.9	.1	.2	.2	48.3	55.1	62.3
Baltimore City .....	434.6	449.3	458.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.5	17.5	19.5
Suburban Maryland-D.C. ....	585.9	624.6	660.7	.4	.5	.5	42.7	49.1	54.9
<b>Massachusetts</b> .....	2,692.5	2,851.8	2,925.7	1.0	1.1	1.3	82.6	96.4	108.8
Boston .....	1,525.3	1,608.9	1,644.6	.5	.5	.6	44.9	51.1	57.1
Brockton .....	61.8	65.4	67.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.5	3.0
Fall River .....	52.2	53.9	54.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.6	1.8
Fitchburg-Leominster .....	37.1	38.5	39.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.6	2.0
Lawrence-Haverhill .....	140.4	148.2	158.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.8	8.5	10.4
Lowell .....	89.7	97.9	102.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	3.6	4.3
New Bedford .....	63.7	65.7	66.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	2.1	2.3
Pittsfield .....	37.1	38.8	40.4	.1	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.3	1.6
Springfield .....	214.2	222.2	224.8	.1	.1	.1	5.6	6.4	7.5
Worcester .....	167.3	176.2	182.1	.1	.2	.1	5.0	6.2	7.7
<b>Michigan</b> .....	3,223.1	3,381.0	3,505.2	9.0	10.0	10.3	86.5	92.7	98.7
Ann Arbor .....	135.8	143.4	149.2	.1	.1	.1	3.8	3.3	3.8
Battle Creek .....	50.9	53.0	54.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.4	1.5
Benton Harbor .....	55.1	57.7	59.0	.1	.1	.1	1.2	1.3	1.3
Detroit .....	1,592.7	1,679.2	1,749.5	.9	.9	.9	40.1	43.2	46.6
Flint .....	162.3	170.3	171.2	( <sup>1</sup> )	( <sup>1</sup> )	.1	3.2	3.9	4.0
Grand Rapids .....	266.6	283.2	293.4	.4	.4	.4	9.2	10.4	10.9
Jackson .....	46.5	47.3	48.2	.3	.2	.2	.9	1.0	1.0
Kalamazoo .....	92.1	94.8	97.2	( <sup>1</sup> )	.1	.1	2.5	2.6	2.8
Lansing-East Lansing .....	178.3	181.1	188.6	.4	.4	.6	3.4	4.1	4.7
Muskegon .....	50.4	53.7	55.2	.1	.1	.1	1.6	1.8	2.0
Saginaw-Bay City-Midland .....	137.5	142.9	145.1	.2	.3	.2	6.3	6.0	5.4
<b>Minnesota</b> .....	1,718.4	1,819.8	1,866.1	8.4	9.4	8.3	60.4	67.6	71.0
Duluth .....	84.0	84.1	83.8	( <sup>1</sup> )	5.7	5.0	2.6	2.6	2.7
Minneapolis-St. Paul .....	1,097.6	1,175.8	1,213.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	37.3	43.0	46.6
Rochester .....	51.1	54.2	55.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.7	1.8
St. Cloud .....	56.1	60.6	61.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.8	2.9
<b>Mississippi</b> .....	792.8	820.8	837.8	8.8	9.1	8.9	36.2	37.1	36.2
Jackson .....	154.0	160.4	165.0	1.6	1.7	1.7	6.4	8.0	8.0
<b>Missouri</b> .....	1,937.0	2,032.7	2,096.5	6.3	6.1	6.4	74.7	85.7	94.8
Kansas City .....	635.9	676.2	698.3	.6	.6	.5	22.7	28.0	31.0
St. Joseph .....	35.1	35.8	36.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.3	1.3
St. Louis .....	998.7	1,046.7	1,063.9	3.4	3.6	3.9	43.3	50.1	52.7
Springfield .....	89.6	95.7	99.0	.1	.1	.1	3.0	3.5	4.2
<b>Montana</b> .....	276.0	281.1	278.4	7.4	7.7	6.8	13.3	12.6	11.3
<b>Nebraska</b> .....	610.8	635.4	650.3	1.9	1.9	1.8	23.5	25.8	26.5
Lincoln .....	96.2	101.0	104.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.3	3.9	3.9
Omaha .....	267.0	280.7	288.7	.2	.3	.3	10.1	11.5	12.8
<b>Nevada</b> .....	402.8	426.0	445.8	5.8	6.6	6.1	19.4	21.8	23.5
Las Vegas .....	226.8	239.2	253.2	.3	.3	.3	11.8	13.3	14.4
Reno .....	111.6	118.1	122.0	.6	.7	.7	4.8	5.4	5.9
<b>New Hampshire</b> .....	409.5	441.5	466.3	.4	.4	.4	24.4	25.2	31.3
Manchester .....	70.1	76.0	79.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	3.8	4.8
Nashua .....	71.6	79.9	83.4	.1	.1	.1	2.5	3.2	3.7
<b>New Jersey</b> .....	3,165.1	3,329.2	3,419.0	2.0	2.1	2.0	112.1	131.3	140.1
Atlantic City .....	134.1	145.7	149.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	7.5	7.7
Bergen-Passaic .....	600.6	607.3	635.8	( <sup>1</sup> )	.2	.2	20.8	23.9	25.9
Camden .....	360.6	379.4	397.1	.1	.1	.1	13.0	16.2	18.7
Jersey City .....	219.8	228.6	231.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	5.2	5.6
Middlesex-Somerset-Hunterdon .....	433.0	457.9	476.1	( <sup>1</sup> )	.6	.6	15.1	18.3	19.7
Monmouth-Ocean .....	259.0	281.3	295.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.1	15.0	17.1
Newark .....	874.4	921.2	935.3	.6	.7	.7	27.4	30.6	32.1
Trenton .....	165.6	178.3	180.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.8	4.0
Vineland-Millville-Bridgeton .....	52.1	51.8	52.6	( <sup>1</sup> )	.3	.3	1.6	1.8	1.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Maryland</b> .....	214.1	219.4	217.1	87.1	89.2	89.7	427.8	451.5	472.7
Baltimore MSA .....	141.8	142.8	139.7	58.3	58.9	58.3	228.3	238.6	245.4
Baltimore City .....	56.1	54.8	52.9	34.6	33.8	32.6	91.6	95.6	96.9
Suburban Maryland-D.C. ....	31.9	34.2	35.2	16.9	17.7	19.0	155.7	165.5	174.1
<b>Massachusetts</b> .....	632.9	673.0	661.1	118.2	123.3	126.5	610.3	656.4	680.2
Boston .....	305.7	324.0	319.0	70.7	74.7	74.3	337.7	358.9	365.4
Brockton .....	12.1	12.6	11.6	4.0	4.5	4.9	17.2	18.7	19.9
Fall River .....	18.7	19.2	18.5	1.7	1.7	1.7	11.7	12.3	13.1
Fitchburg-Leominster .....	13.9	14.0	13.5	1.6	1.6	1.5	8.1	8.8	9.2
Lawrence-Haverhill .....	47.6	52.8	55.7	5.6	5.6	6.2	27.6	30.6	32.4
Lowell .....	35.7	40.1	39.4	3.2	3.4	3.7	18.5	19.7	21.8
New Bedford .....	23.8	24.3	23.5	2.4	2.4	2.6	13.5	14.4	15.1
Pittsfield .....	11.3	11.8	11.9	1.0	.9	1.0	9.0	9.7	10.4
Springfield .....	54.5	55.8	53.7	8.7	8.5	8.6	47.2	50.5	51.9
Worcester .....	44.2	47.5	46.4	7.5	7.7	8.0	38.3	40.9	43.3
<b>Michigan</b> .....	880.5	962.8	984.1	139.4	140.2	142.2	711.5	745.8	783.3
Ann Arbor .....	32.3	36.8	36.7	3.2	3.7	4.4	21.3	22.4	23.7
Battle Creek .....	14.3	14.8	14.9	1.8	1.8	1.7	8.7	9.5	9.9
Benton Harbor .....	18.8	20.0	20.4	2.3	2.5	2.5	11.2	11.4	11.6
Detroit .....	426.6	469.5	478.9	75.3	75.9	77.7	365.8	384.9	404.9
Flint .....	61.3	65.7	64.9	4.8	4.9	4.6	37.6	39.3	40.3
Grand Rapids .....	86.8	95.1	99.0	10.6	10.7	10.6	65.4	69.0	71.7
Jackson .....	11.3	12.1	12.8	5.0	4.7	4.3	10.1	10.1	10.1
Kalamazoo .....	27.1	28.3	29.1	3.0	3.0	3.1	19.9	20.6	21.0
Lansing-East Lansing .....	35.9	35.5	39.3	5.4	5.3	5.2	34.0	34.7	35.4
Muskegon .....	16.6	18.7	19.4	2.7	2.8	2.7	10.3	10.9	11.6
Saginaw-Bay City-Midland .....	43.5	45.8	46.7	7.3	7.3	7.0	29.8	31.5	32.6
<b>Minnesota</b> .....	346.3	373.7	374.9	92.8	96.9	98.7	430.3	455.8	466.9
Duluth .....	6.5	6.6	6.9	6.5	6.5	6.0	21.3	21.8	21.8
Minneapolis-St. Paul .....	237.9	257.8	257.6	62.1	65.2	67.4	268.4	288.2	298.0
Rochester .....	10.1	10.9	11.1	1.9	1.9	1.8	10.5	11.3	11.3
St. Cloud .....	10.4	10.9	10.6	3.5	3.7	3.6	16.0	17.1	16.9
<b>Mississippi</b> .....	204.7	218.7	221.2	38.6	39.1	39.6	165.2	173.6	177.4
Jackson .....	18.6	19.8	20.2	10.0	10.4	10.8	37.9	39.3	39.7
<b>Missouri</b> .....	405.4	433.8	429.3	132.7	136.6	142.3	463.7	488.5	509.8
Kansas City .....	112.2	119.6	119.4	50.4	52.1	53.0	164.8	175.5	184.3
St. Joseph .....	8.7	8.9	9.1	2.0	2.1	2.1	8.6	8.8	8.9
St. Louis .....	215.1	227.8	224.1	70.7	73.3	72.7	234.1	245.9	254.4
Springfield .....	18.5	19.8	19.5	6.0	6.1	6.2	24.8	26.3	27.4
<b>Montana</b> .....	22.1	22.5	21.7	20.4	20.8	20.6	73.6	75.9	75.6
<b>Nebraska</b> .....	84.7	90.5	88.9	43.1	43.2	43.7	157.8	163.8	166.7
Lincoln .....	11.6	12.4	12.9	6.2	6.2	6.0	21.4	22.6	24.0
Omaha .....	33.6	36.5	34.5	22.2	22.9	23.5	68.3	71.9	72.6
<b>Nevada</b> .....	19.1	21.0	21.9	24.5	24.9	25.2	80.3	85.9	91.0
Las Vegas .....	7.1	7.5	7.8	13.9	14.2	14.4	46.0	48.9	52.4
Reno .....	7.5	8.1	8.3	7.9	7.8	7.9	24.3	26.2	27.5
<b>New Hampshire</b> .....	113.3	123.4	123.1	15.0	15.5	15.6	94.1	104.6	112.8
Manchester .....	14.5	15.5	15.4	4.5	5.2	4.8	18.4	19.9	21.1
Nashua .....	33.0	37.0	37.1	2.0	2.2	2.1	14.2	16.1	17.3
<b>New Jersey</b> .....	715.1	726.8	719.1	203.0	219.4	224.9	735.3	787.3	813.4
Atlantic City .....	8.7	8.3	8.0	5.9	5.9	5.9	29.8	33.1	32.6
Bergen-Passaic .....	165.7	169.2	167.4	28.5	30.6	31.2	167.4	151.5	179.2
Camden .....	70.6	74.2	76.5	15.9	16.7	17.0	95.4	101.0	106.4
Jersey City .....	58.6	58.5	55.1	25.7	28.6	29.3	47.2	51.1	54.1
Middlesex-Somerset-Hunterdon .....	112.9	114.8	114.0	35.1	34.5	36.7	100.7	109.9	115.1
Monmouth-Ocean .....	30.0	32.3	32.2	10.5	13.1	14.1	70.1	77.2	81.8
Newark .....	198.8	204.0	199.6	70.9	80.0	78.6	178.2	186.6	190.5
Trenton .....	31.4	33.3	32.3	5.3	5.5	5.7	26.4	28.1	29.3
Vineland-Millville-Bridgeton .....	16.3	15.2	14.7	2.3	2.0	2.2	9.4	9.9	10.5

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Maryland</b> .....	98.8	103.8	109.6	413.4	444.5	472.4	379.6	387.9	392.9
Baltimore MSA .....	60.5	63.6	66.8	220.1	235.3	248.5	202.8	199.5	203.7
Baltimore City .....	40.0	40.7	42.3	115.3	121.2	126.0	81.5	85.7	87.9
Suburban Maryland-D.C. ....	31.8	33.6	35.5	157.8	172.1	185.8	148.7	151.9	155.7
<b>Massachusetts</b> .....	171.8	179.0	189.6	704.3	751.3	779.3	371.4	371.4	378.9
Boston .....	117.7	122.5	128.6	460.9	488.7	507.8	187.3	188.5	191.8
Brockton .....	2.5	2.6	2.9	11.8	13.2	14.1	12.1	11.3	11.1
Fall River .....	2.7	2.7	2.7	9.4	9.8	10.2	6.5	6.5	6.5
Fitchburg-Leominster .....	1.2	1.3	1.4	6.6	6.8	7.1	4.4	4.4	4.3
Lawrence-Haverhill .....	5.0	5.1	5.3	25.1	27.7	30.1	17.7	17.9	18.0
Lowell .....	2.7	3.0	3.5	14.5	15.7	17.1	12.1	12.4	12.9
New Bedford .....	2.2	2.3	2.5	10.3	10.9	11.4	9.6	9.4	9.4
Pittsfield .....	2.0	2.1	2.1	8.3	8.6	8.8	4.4	4.4	4.6
Springfield .....	13.6	14.0	14.5	48.5	50.5	52.0	38.0	36.4	36.5
Worcester .....	10.2	10.8	11.4	39.1	41.0	42.5	22.9	21.9	22.7
<b>Michigan</b> .....	151.4	154.4	161.3	675.0	708.0	745.3	569.8	567.2	579.9
Ann Arbor .....	4.0	4.1	4.2	25.9	27.0	29.0	45.0	45.8	47.3
Battle Creek .....	3.6	3.6	3.9	10.2	10.5	10.8	10.8	11.3	11.5
Benton Harbor .....	1.9	2.1	2.2	11.9	12.5	12.8	7.8	8.0	8.1
Detroit .....	88.1	89.8	95.1	371.0	391.1	417.8	225.8	224.0	227.6
Flint .....	5.5	5.7	5.9	26.7	28.0	28.8	23.2	22.8	22.5
Grand Rapids .....	11.0	11.3	11.8	54.6	57.7	59.7	28.5	28.7	29.4
Jackson .....	1.6	1.6	1.6	9.4	9.3	9.2	8.0	8.4	9.0
Kalamazoo .....	3.7	3.8	3.9	20.6	21.4	21.7	15.2	15.1	15.6
Lansing-East Lansing .....	9.4	9.8	10.3	28.9	31.1	32.3	60.8	60.1	60.9
Muskegon .....	1.3	1.3	1.3	9.7	10.3	10.6	8.1	7.9	7.8
Saginaw-Bay City-Midland .....	5.5	5.6	6.0	26.4	27.5	27.9	18.6	19.0	19.3
<b>Minnesota</b> .....	101.2	106.1	110.8	392.4	416.6	434.0	286.6	293.7	301.5
Duluth .....	3.0	2.9	3.0	(1)	19.6	19.6	18.0	18.4	18.7
Minneapolis-St. Paul .....	75.5	80.9	84.7	261.3	281.3	295.4	154.1	158.6	162.5
Rochester .....	1.6	1.5	1.5	20.4	21.6	21.9	5.0	5.2	5.5
St. Cloud .....	2.0	2.1	2.2	11.0	12.4	12.9	10.7	11.4	11.9
<b>Mississippi</b> .....	33.5	34.2	35.6	124.6	125.8	130.3	181.1	183.2	188.6
Jackson .....	11.7	12.2	12.9	32.1	33.0	34.7	35.7	36.0	37.0
<b>Missouri</b> .....	111.8	116.2	120.7	419.3	444.1	462.5	323.2	321.8	330.7
Kansas City .....	47.9	49.7	51.8	140.0	150.2	154.6	97.3	100.5	103.8
St. Joseph .....	1.9	2.0	2.0	7.3	7.4	7.1	5.4	5.4	5.7
St. Louis .....	60.1	62.4	65.1	235.5	247.3	255.2	136.5	136.2	135.8
Springfield .....	4.0	4.4	4.6	21.7	23.3	24.3	11.8	12.2	12.6
<b>Montana</b> .....	13.0	13.4	13.3	57.8	59.6	60.1	68.4	68.7	69.0
<b>Nebraska</b> .....	41.9	43.4	45.2	127.5	135.9	142.4	130.2	131.1	135.2
Lincoln .....	7.0	7.3	7.6	18.7	20.3	21.1	27.9	28.3	29.2
Omaha .....	24.3	25.4	26.7	65.9	70.1	74.7	42.1	42.1	43.7
<b>Nevada</b> .....	18.5	20.0	21.5	177.2	186.9	196.2	58.0	58.9	60.4
Las Vegas .....	10.6	11.6	12.9	109.8	115.3	121.8	27.3	28.1	29.2
Reno .....	6.2	6.4	6.4	43.8	46.8	48.6	16.5	16.7	16.7
<b>New Hampshire</b> .....	21.6	23.4	25.2	84.6	91.5	99.3	56.1	57.5	58.7
Manchester .....	5.9	6.5	7.0	16.6	17.7	18.9	7.3	7.4	7.5
Nashua .....	2.3	2.5	2.7	12.1	13.4	14.8	5.4	5.4	5.6
<b>New Jersey</b> .....	172.7	183.0	192.5	703.7	757.3	792.6	521.2	522.1	534.4
Atlantic City .....	6.2	6.5	6.8	54.3	60.5	64.6	23.5	23.9	24.0
Bergen-Passaic .....	29.6	30.8	32.4	119.7	128.6	134.0	68.9	72.4	65.5
Camden .....	18.3	18.9	20.1	78.3	84.0	89.9	69.0	68.3	68.5
Jersey City .....	8.3	8.4	8.8	35.0	36.7	37.6	40.2	40.0	41.2
Middlesex-Somerset-Hunterdon .....	22.8	25.6	28.2	78.7	85.7	92.6	68.2	68.6	69.2
Monmouth-Ocean .....	12.5	13.7	14.5	67.8	72.8	77.5	56.0	57.0	58.2
Newark .....	62.8	67.4	70.0	206.0	220.8	228.2	129.7	131.1	135.5
Trenton .....	8.0	11.1	8.8	43.8	48.0	48.5	47.5	48.5	52.1
Vineland-Milville-Bridgeton .....	2.6	2.7	2.7	9.0	8.8	9.3	10.8	11.1	11.2

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Total			Mining			Construction		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>New Mexico</b> .....	479.5	502.8	518.1	21.0	21.6	20.6	33.7	36.6	37.0
Albuquerque .....	195.0	208.4	219.7	.2	.3	.3	13.1	15.5	18.1
Las Cruces .....	33.3	35.2	36.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.5	2.6
Santa Fe .....	45.7	48.0	50.4	.2	.2	.1	3.3	3.5	3.5
<b>New York</b> .....	7,313.3	7,572.3	7,754.7	6.7	6.8	6.7	230.8	255.2	284.8
Albany-Schenectady-Troy .....	353.5	370.7	382.1	.2	.2	.3	11.4	13.5	15.3
Binghamton .....	110.4	116.1	118.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.8	4.4	4.9
Buffalo .....	390.3	404.1	414.2	.5	.6	.5	12.1	13.2	15.7
Elmira .....	33.6	34.8	34.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.0	1.0	1.1
Glens Falls .....	39.2	40.9	42.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.4	1.7
Monroe County .....	341.6	354.5	367.3	.3	.3	.3	9.4	10.6	12.3
Nassau-Suffolk .....	978.7	1,032.0	1,071.9	.2	.2	.3	41.0	45.1	50.7
New York PMSA .....	3,819.5	3,919.6	3,987.2	1.9	1.7	1.8	109.6	118.6	131.9
New York City .....	3,356.1	3,434.9	3,485.9	1.6	1.4	1.4	88.2	94.5	105.2
Niagara Falls .....	74.9	77.0	78.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.8	3.1
Orange County .....	82.9	87.7	92.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	3.0	3.7
Poughkeepsie .....	105.9	110.9	114.8	( <sup>1</sup> )	.3	.2	3.6	4.7	5.4
Rochester .....	419.2	436.3	451.5	.6	.7	.7	11.5	13.3	15.2
Rockland County .....	86.5	90.5	93.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	3.4	3.7
Syracuse .....	264.6	277.8	288.1	.3	.3	.3	13.9	15.1	15.9
Utica-Rome .....	111.5	116.5	117.4	.1	.1	.1	2.7	3.1	3.5
Westchester County .....	363.5	379.7	392.2	.1	.1	.3	17.7	19.8	21.8
<b>North Carolina</b> .....	2,419.2	2,565.2	2,645.6	4.3	4.6	4.8	112.4	132.6	149.2
Asheville .....	69.1	73.1	75.6	.1	.1	.1	2.8	3.1	3.6
Charlotte-Gastonia-Rock Hill .....	470.0	502.9	517.3	.2	.3	.3	22.8	27.5	29.3
Greensboro-Winston-Salem-High Point .....	401.3	424.1	435.4	.3	.3	.4	17.3	19.9	22.3
Raleigh-Durham .....	301.9	327.7	353.9	.3	.3	.3	16.4	20.2	23.9
<b>North Dakota</b> .....	250.6	252.5	251.2	7.0	7.5	6.9	17.3	13.7	11.7
Bismarck .....	35.0	35.6	35.9	.2	.2	.2	2.0	1.8	1.6
Fargo-Moorhead .....	62.6	65.3	66.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	3.3	3.2
Grand Forks .....	26.6	27.2	28.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.2	1.4
<b>Ohio</b> .....	4,092.5	4,260.2	4,378.6	26.6	27.8	26.4	130.8	144.8	154.1
Akron .....	244.7	252.2	258.3	.7	.8	.8	6.9	7.6	8.3
Canton .....	143.4	149.1	152.2	1.2	1.3	1.2	4.3	4.9	5.5
Cincinnati .....	575.6	600.8	628.2	.4	.4	.4	20.4	21.9	23.4
Cleveland .....	829.8	854.5	869.3	1.1	1.3	1.1	25.3	27.6	27.8
Columbus .....	548.5	576.4	606.5	1.1	1.1	1.0	16.8	19.2	21.5
Dayton-Springfield .....	372.3	392.7	407.8	.3	.3	.4	10.8	12.1	13.6
Toledo .....	245.3	257.0	264.4	.2	.2	.2	7.3	7.9	8.5
Youngstown-Warren .....	177.5	182.5	183.9	.6	.7	.8	4.8	5.5	6.3
<b>Oklahoma</b> .....	1,170.6	1,180.3	1,180.1	77.7	72.0	66.3	52.4	52.3	46.7
Enid .....	26.3	25.7	24.4	2.2	2.1	1.8	1.3	1.3	.9
Lawton .....	32.2	33.1	33.6	.3	.3	.3	1.4	1.3	1.4
Oklahoma City .....	427.7	434.6	428.0	21.5	19.5	17.2	19.7	19.5	17.0
Tulsa .....	295.1	301.8	303.5	22.8	21.1	20.4	14.8	15.0	13.6
<b>Oregon</b> .....	966.7	1,006.9	1,029.0	1.8	1.6	1.6	27.0	30.2	32.1
Eugene-Springfield .....	91.9	96.3	96.7	.2	.2	.2	2.6	2.8	3.1
Portland .....	483.5	506.8	518.2	.6	.6	.6	13.9	16.1	17.0
Salem .....	82.4	85.2	88.6	.1	( <sup>1</sup> )	.1	2.4	2.6	2.9
<b>Pennsylvania</b> .....	4,524.3	4,654.8	4,736.3	39.0	38.6	36.3	165.7	175.8	189.5
Allentown-Bethlehem .....	249.1	260.9	262.6	.6	.4	.4	7.8	8.8	9.7
Altoona .....	45.9	48.1	49.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	2.0	2.5
Beaver County .....	55.9	55.7	53.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	3.0	3.7
Delaware Valley .....	1,560.8	1,612.8	1,651.2	1.0	1.0	1.1	58.3	62.0	64.2
Erie .....	104.0	107.9	109.3	.2	.2	.2	2.6	3.0	3.0
Harrisburg-Lebanon-Carlisle .....	259.5	268.7	276.3	.1	.2	.4	8.2	9.0	10.2
Johnstown .....	73.2	74.9	76.0	5.6	5.7	4.8	2.1	2.4	2.5
Lancaster .....	153.0	161.3	165.9	.4	.4	.4	6.2	7.2	8.4
Philadelphia PMSA .....	1,921.3	1,988.9	2,046.6	1.0	1.0	1.1	71.4	78.3	82.9
Philadelphia City .....	743.1	752.4	756.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.0	17.2	17.8
Pittsburgh .....	834.0	839.9	849.4	7.5	7.0	7.0	37.0	38.3	40.0

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>New Mexico</b> .....	34.4	36.5	37.3	29.5	29.9	29.8	110.7	117.5	122.8
Albuquerque .....	17.8	18.8	19.2	11.9	12.1	12.1	49.3	52.9	56.0
Las Cruces .....	3.3	3.5	3.3	1.3	1.4	1.4	6.2	7.1	7.5
Santa Fe .....	1.3	1.4	1.5	1.1	1.1	1.1	8.2	8.6	9.4
<b>New York</b> .....	1,302.4	1,326.3	1,295.2	406.7	418.5	416.1	1,503.4	1,576.9	1,633.6
Albany-Schenectady-Troy .....	53.6	54.1	51.8	15.9	16.7	16.6	72.8	78.5	81.3
Binghamton .....	39.1	41.1	40.0	4.1	4.1	4.2	20.3	21.8	23.8
Buffalo .....	79.6	79.6	78.5	20.9	21.8	21.4	94.1	97.7	102.0
Elmira .....	8.1	8.1	7.2	1.4	1.4	1.3	8.5	9.2	9.8
Glens Falls .....	9.8	10.2	10.0	1.2	1.3	1.3	8.4	9.0	9.6
Monroe County .....	127.0	127.9	127.4	10.3	10.5	11.0	65.3	69.0	73.7
Nassau-Suffolk .....	168.5	177.8	180.8	43.0	45.1	45.9	258.4	278.1	287.8
New York PMSA .....	517.0	515.0	493.8	256.4	261.4	257.7	720.6	746.3	761.9
New York City .....	432.8	429.6	407.4	234.3	237.0	232.6	610.5	630.5	641.7
Niagara Falls .....	24.2	25.2	24.7	3.6	3.6	3.7	15.7	16.5	17.9
Orange County .....	14.2	15.2	15.0	5.4	5.6	5.5	19.8	21.5	23.7
Poughkeepsie .....	33.8	34.5	34.7	3.0	3.3	3.2	17.6	18.7	20.0
Rochester .....	146.5	149.1	148.2	12.8	13.2	13.6	83.0	87.5	92.8
Rockland County .....	15.6	16.1	15.9	3.6	4.1	4.0	19.0	20.8	21.7
Syracuse .....	55.1	58.5	58.0	14.7	15.6	15.9	58.7	61.6	65.7
Utica-Rome .....	26.5	27.3	25.9	4.1	4.5	4.6	22.6	24.4	24.8
Westchester County .....	67.3	67.9	68.8	18.0	19.9	20.5	87.8	91.5	94.5
<b>North Carolina</b> .....	796.1	835.6	827.4	120.5	126.6	128.8	508.0	548.9	576.2
Asheville .....	20.3	21.1	20.9	3.3	3.4	3.5	15.3	16.5	17.2
Charlotte-Gastonia-Rock Hill .....	145.8	151.5	148.1	40.6	42.0	44.2	107.1	117.4	122.5
Greensboro-Winston-Salem-High Point .....	147.8	153.3	153.3	21.5	23.3	24.2	83.5	90.2	93.8
Raleigh-Durham .....	51.5	56.5	59.2	14.6	15.9	16.7	59.9	66.9	73.0
<b>North Dakota</b> .....	14.8	15.5	15.4	16.1	16.4	16.4	66.1	67.6	67.5
Bismarck .....	2.0	2.0	2.0	2.8	2.8	2.9	9.4	9.6	9.6
Fargo-Moorhead .....	4.5	4.9	4.8	3.9	3.9	4.0	18.5	19.4	20.0
Grand Forks .....	1.3	1.2	1.4	1.6	1.5	1.4	7.5	7.9	8.1
<b>Ohio</b> .....	1,066.0	1,127.0	1,123.1	198.5	203.9	202.5	933.5	984.7	1,036.3
Akron .....	65.2	67.9	67.9	12.5	13.0	12.8	57.2	60.0	62.7
Canton .....	43.5	46.4	46.3	5.9	6.2	6.0	33.4	35.2	36.8
Cincinnati .....	140.4	145.0	147.2	31.4	32.5	33.7	141.2	150.7	159.5
Cleveland .....	207.3	213.8	210.7	40.9	41.6	41.3	194.8	202.2	208.8
Columbus .....	98.7	104.7	105.9	24.7	26.1	25.9	131.9	141.3	152.7
Dayton-Springfield .....	95.5	103.7	106.4	13.9	14.7	14.5	80.6	85.7	90.2
Toledo .....	59.6	64.8	65.6	13.8	14.2	13.9	58.5	62.6	65.0
Youngstown-Warren .....	52.8	55.1	52.5	7.6	7.7	7.5	42.0	43.5	45.5
<b>Oklahoma</b> .....	166.2	175.0	172.4	66.3	66.4	64.4	284.5	287.9	288.2
Enid .....	2.3	2.1	2.0	2.7	2.6	2.5	7.2	7.3	6.9
Lawton .....	3.3	3.6	3.5	1.4	1.3	1.3	8.3	8.6	9.0
Oklahoma City .....	49.6	54.1	52.7	22.8	22.9	21.6	109.7	110.6	109.2
Tulsa .....	50.0	51.4	53.3	21.2	21.5	21.5	69.3	72.8	73.5
<b>Oregon</b> .....	188.8	201.1	199.9	55.4	57.1	58.0	242.6	253.0	258.8
Eugene-Springfield .....	17.7	19.3	18.3	4.2	4.3	4.4	23.5	24.6	24.5
Portland .....	86.6	92.4	93.1	33.0	33.9	34.2	129.2	135.9	137.9
Salem .....	12.3	13.1	13.4	2.7	2.5	2.6	18.5	19.3	20.1
<b>Pennsylvania</b> .....	1,095.8	1,121.9	1,089.5	239.7	244.2	239.4	994.1	1,033.1	1,069.0
Allentown-Bethlehem .....	88.1	90.8	87.5	13.2	14.0	14.0	51.1	53.6	54.9
Altoona .....	10.6	11.4	11.1	4.9	5.0	4.7	10.9	11.8	12.5
Beaver County .....	17.9	17.2	14.0	5.3	5.3	5.0	11.4	11.3	11.3
Delaware Valley .....	318.4	323.8	321.0	76.9	78.5	77.7	341.0	355.6	367.4
Erie .....	34.3	36.2	36.0	4.3	4.3	4.2	21.9	22.8	23.4
Harrisburg-Lebanon-Carlisle .....	52.1	54.0	52.1	17.7	18.2	17.9	54.9	57.7	61.2
Johnstown .....	12.4	12.6	12.4	4.6	4.9	5.0	15.2	15.8	16.3
Lancaster .....	55.2	58.1	58.1	6.4	6.9	6.8	36.4	38.2	40.0
Philadelphia PMSA .....	389.0	398.1	397.5	92.8	95.0	94.8	436.4	456.6	473.8
Philadelphia City .....	109.2	108.6	103.5	46.6	46.4	45.0	142.5	145.0	145.8
Pittsburgh .....	154.2	148.9	139.6	47.9	48.7	46.4	203.2	207.5	214.0

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>New Mexico</b> .....	23.2	24.7	25.6	99.7	106.3	113.0	127.2	129.7	132.0
Albuquerque .....	11.5	12.5	13.3	49.2	53.4	57.1	41.9	42.9	43.7
Las Cruces .....	1.3	1.4	1.5	4.5	4.7	5.2	14.4	14.6	15.0
Santa Fe .....	1.7	1.8	2.0	11.0	11.9	12.6	18.8	19.4	20.1
<b>New York</b> .....	686.7	704.4	718.9	1,876.9	1,966.1	2,049.5	1,299.6	1,318.2	1,349.9
Albany-Schenectady-Troy .....	17.2	18.3	19.5	81.2	86.4	91.8	101.1	102.9	105.6
Binghamton .....	3.6	3.7	3.8	19.9	21.0	21.3	19.6	20.0	20.3
Buffalo .....	21.0	22.1	22.6	91.6	98.2	102.0	70.5	70.9	71.5
Elmira .....	1.1	1.1	1.1	7.3	7.8	8.2	6.3	6.2	6.2
Glens Falls .....	1.9	1.9	1.8	8.3	8.7	9.0	8.3	8.2	8.6
Monroe County .....	15.5	17.3	17.6	75.2	80.2	85.7	38.5	38.7	39.3
Nassau-Suffolk .....	57.6	60.9	65.0	237.8	253.6	266.1	172.2	173.3	175.3
New York PMSA .....	518.9	527.9	534.0	1,095.1	1,135.0	1,172.8	600.0	613.7	633.2
New York City .....	493.2	500.5	505.8	973.2	1,005.8	1,038.4	522.2	535.6	553.5
Niagara Falls .....	1.8	1.9	1.9	14.2	14.8	15.2	12.5	12.1	12.3
Orange County .....	3.2	3.3	3.5	17.1	18.4	19.5	20.8	20.7	21.0
Poughkeepsie .....	3.1	3.3	3.5	20.9	22.4	23.7	23.6	23.8	24.0
Rochester .....	17.3	19.0	19.5	87.9	93.6	100.2	59.6	60.0	61.7
Rockland County .....	3.4	3.5	3.6	21.0	21.8	22.9	20.7	20.6	21.1
Syracuse .....	17.4	18.0	18.7	57.0	61.4	65.6	47.5	47.3	48.0
Utica-Rome .....	5.9	6.1	6.1	21.7	22.8	23.6	27.9	28.3	28.7
Westchester County .....	21.8	23.3	24.0	97.3	103.4	107.3	53.6	53.8	55.0
<b>North Carolina</b> .....	100.4	103.8	108.6	370.4	399.3	427.6	407.1	413.7	422.8
Asheville .....	2.2	2.4	2.5	14.4	15.1	15.8	10.7	11.3	11.9
Charlotte-Gastonia-Rock Hill .....	25.7	27.0	28.5	74.9	82.8	88.2	52.9	54.4	56.1
Greensboro-Winston-Salem-High Point .....	19.2	19.9	20.6	62.9	67.9	71.5	48.8	49.2	49.3
Raleigh-Durham .....	16.5	17.3	18.7	65.0	71.6	79.3	77.7	79.2	83.0
<b>North Dakota</b> .....	12.0	12.2	12.4	56.0	57.4	57.8	61.3	62.2	63.1
Bismarck .....	1.7	1.7	1.7	9.3	9.8	9.9	7.6	7.7	8.0
Fargo-Moorhead .....	3.9	4.1	4.2	15.9	16.7	17.1	12.9	13.0	13.1
Grand Forks .....	1.0	1.1	1.1	5.8	5.9	6.0	8.2	8.4	8.6
<b>Ohio</b> .....	207.8	211.5	218.3	873.3	905.2	953.3	656.1	655.2	664.7
Akron .....	9.1	9.2	9.6	52.3	52.8	54.6	40.7	41.1	41.7
Canton .....	6.4	6.1	6.1	30.7	31.4	32.8	18.0	17.6	17.6
Cincinnati .....	32.8	33.9	35.3	129.7	137.1	147.5	79.2	79.3	81.1
Cleveland .....	48.4	48.5	49.4	195.7	204.3	214.3	116.1	115.3	115.9
Columbus .....	45.0	46.7	49.1	119.6	127.5	138.3	110.5	109.8	112.1
Dayton-Springfield .....	15.8	16.1	16.7	84.7	89.2	94.5	70.8	70.9	71.6
Toledo .....	9.5	9.7	10.2	57.8	58.7	61.2	38.6	38.8	39.7
Youngstown-Warren .....	7.1	7.2	7.4	38.9	40.1	41.0	23.6	22.6	22.8
<b>Oklahoma</b> .....	62.8	64.2	64.0	215.7	221.2	225.7	245.2	241.4	252.4
Enid .....	1.3	1.3	1.3	5.5	5.3	5.3	3.8	3.7	3.7
Lawton .....	1.4	1.5	1.6	5.3	5.5	5.3	10.8	11.0	11.3
Oklahoma City .....	27.5	28.0	27.3	81.5	84.2	85.8	95.4	96.0	97.0
Tulsa .....	16.6	17.2	17.2	66.4	68.8	69.5	34.0	34.1	34.6
<b>Oregon</b> .....	64.5	65.4	66.9	194.6	204.5	214.5	192.3	194.1	197.1
Eugene-Springfield .....	4.4	4.6	4.6	18.6	19.7	20.6	20.6	20.9	21.0
Portland .....	41.1	41.3	42.3	106.7	113.6	119.4	72.4	73.1	73.7
Salem .....	5.3	5.2	5.1	15.0	15.7	16.7	26.2	26.7	27.8
<b>Pennsylvania</b> .....	243.0	253.5	262.4	1,073.2	1,114.9	1,170.8	673.7	672.9	679.3
Allentown-Bethlehem .....	9.9	10.4	10.1	50.1	54.5	57.6	28.2	28.4	26.3
Altoona .....	1.5	1.5	1.5	9.1	9.3	9.7	7.0	7.1	7.1
Beaver County .....	2.0	1.9	1.8	9.5	10.1	10.6	7.2	7.1	7.1
Delaware Valley .....	110.8	116.6	121.5	431.4	450.7	472.7	222.8	224.6	225.6
Erie .....	4.8	5.0	5.0	23.5	23.9	24.6	12.5	12.5	12.8
Harrisburg-Lebanon-Carlisle .....	13.9	14.5	15.1	50.1	52.0	55.7	62.5	63.1	63.8
Johnstown .....	3.9	4.0	4.3	16.7	17.4	18.1	12.7	12.2	12.6
Lancaster .....	5.7	5.7	6.1	28.6	30.6	31.9	14.2	14.3	14.4
Philadelphia PMSA .....	129.1	135.5	141.6	509.7	534.1	560.8	291.8	290.3	294.0
Philadelphia City .....	64.7	66.4	66.3	225.0	228.5	237.1	136.1	140.3	140.7
Pittsburgh .....	48.1	49.0	50.0	227.2	234.0	244.9	108.9	106.5	107.6

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Total			Mining			Construction		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Pennsylvania—Continued</b>									
Reading .....	135.6	141.9	142.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	5.1	5.8
Scranton—Wilkes-Barre .....	263.5	270.2	275.0	0.9	0.9	0.8	11.2	9.5	10.7
Sharon .....	39.5	39.8	40.0	.4	.3	.2	.9	1.0	1.0
State College .....	46.5	48.2	49.4	.4	.4	.3	1.5	1.6	1.7
Williamsport .....	43.2	44.8	45.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.4	1.7
York .....	149.0	157.7	161.3	.4	.4	.4	5.9	7.0	8.1
<b>Rhode Island</b> .....	396.3	416.4	425.8	.1	.2	.1	11.6	13.3	14.9
Pawtucket—Woonsocket—Attleboro .....	114.6	123.0	126.7	.1	.1	.1	2.8	3.3	4.1
Providence .....	277.9	291.4	300.2	.1	.1	.1	8.7	10.0	10.6
<b>South Carolina</b> .....	1,189.0	1,262.5	1,299.1	1.7	1.8	1.8	70.3	80.8	83.9
Charleston .....	154.9	166.3	173.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.7	12.3	13.1
Columbia .....	187.4	198.2	206.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.0	13.4	12.5
Greenville—Spartanburg .....	262.9	277.7	284.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.2	18.2	19.7
<b>South Dakota</b> .....	235.3	247.0	247.7	2.6	2.7	2.4	8.4	9.3	9.4
Rapid City .....	( <sup>1</sup> )	32.8	33.2	( <sup>1</sup> )	.3	.3	( <sup>1</sup> )	1.9	1.9
Sioux Falls .....	56.4	60.7	61.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.7	2.9
<b>Tennessee</b> .....	1,719.0	1,812.0	1,860.6	7.9	8.0	7.5	69.6	78.3	82.1
Chattanooga .....	166.2	171.3	176.0	1.1	1.0	1.0	5.7	6.6	6.4
Johnson City—Kingsport—Bristol .....	142.5	147.0	150.6	.2	.1	.1	5.7	5.6	6.1
Knoxville .....	224.1	232.6	230.2	1.9	2.0	1.9	9.8	10.9	10.7
Memphis .....	355.7	374.8	384.5	.1	.1	.1	13.9	16.3	17.4
Nashville .....	380.6	407.5	426.6	.6	.5	.7	19.3	22.8	25.0
<b>Texas</b> .....	6,193.6	6,492.4	6,681.3	262.9	269.1	259.9	424.0	446.3	447.8
Abilene .....	52.3	52.6	53.7	4.0	4.1	4.1	2.8	2.9	2.9
Amarillo .....	78.2	80.1	81.2	2.0	2.0	1.9	4.6	4.6	4.5
Austin .....	291.3	328.4	358.5	.9	1.0	1.1	18.5	25.1	27.6
Beaumont—Port Arthur .....	143.0	142.5	137.1	2.8	2.8	2.6	10.7	9.6	9.8
Brazoria .....	56.9	59.9	59.2	2.2	2.2	2.0	6.2	6.8	6.3
Brownsville—Harlingen .....	61.8	63.7	64.6	.1	.1	.1	3.6	3.4	3.2
Bryan—College Station .....	45.4	47.6	48.6	1.3	1.4	1.3	3.1	3.0	2.8
Corpus Christi .....	130.7	133.1	135.7	7.5	7.8	8.0	11.6	10.6	11.1
Dallas .....	1,140.5	1,248.7	1,312.3	23.6	23.5	23.9	70.1	80.3	85.1
El Paso .....	165.3	171.8	177.3	.3	.3	.4	8.8	9.0	9.2
Ft. Worth—Arlington .....	440.2	473.4	503.0	4.7	4.6	4.5	26.3	30.2	33.5
Galveston—Texas City .....	69.2	71.6	72.3	.8	.9	.8	4.5	4.3	3.4
Houston .....	1,444.9	1,475.8	1,488.4	95.3	94.4	91.6	125.8	118.5	107.0
Killeen—Temple .....	60.0	63.7	66.3	.1	.1	.1	3.3	3.8	4.1
Laredo .....	29.5	31.6	34.3	1.3	1.7	2.0	1.3	1.2	1.3
Longview—Marshall .....	67.2	67.7	68.7	4.9	4.9	4.6	5.0	4.5	3.6
Lubbock .....	91.5	90.8	91.5	.5	.5	.5	4.3	4.2	4.4
McAllen—Edinburg—Mission .....	77.7	79.7	83.4	1.4	1.6	1.6	5.1	4.6	4.6
Midland .....	49.8	50.2	49.6	12.1	12.4	11.6	3.2	2.6	2.4
Odessa .....	52.6	51.3	52.3	8.4	8.7	9.0	4.0	3.5	3.4
San Angelo .....	37.3	37.5	37.5	1.0	.9	.9	2.5	2.4	2.3
San Antonio .....	436.3	461.4	480.9	3.3	3.4	3.4	31.1	34.9	36.8
Sherman—Denison .....	34.7	37.0	37.2	.2	.3	.3	1.3	1.4	1.6
Texarkana .....	42.0	44.2	45.5	.1	.1	.1	1.9	2.1	2.3
Tyler .....	58.4	62.0	62.8	3.3	3.5	2.9	2.7	3.1	3.0
Victoria .....	28.5	29.4	29.9	2.8	3.1	3.2	2.5	2.6	2.5
Waco .....	73.5	76.3	78.2	.2	.2	.2	3.7	4.2	4.4
Wichita Falls .....	50.5	51.4	51.9	3.1	3.3	3.0	2.0	2.0	2.1
<b>Utah</b> .....	566.9	601.2	624.6	14.0	12.8	9.7	28.7	34.8	35.7
Provo—Orem .....	64.3	68.1	69.9	.1	.2	.1	2.8	3.3	3.4
Salt Lake City—Ogden .....	391.9	415.9	434.5	5.5	4.5	2.5	18.9	22.9	23.8
<b>Vermont</b> .....	206.4	214.9	223.8	.6	.5	.5	10.9	12.2	14.4
Burlington .....	62.3	65.0	67.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	3.6	4.1
Springfield .....	12.9	13.5	13.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.0	1.2	1.1

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Pennsylvania-Continued</b>									
Reading .....	49.7	52.9	50.4	5.7	6.0	6.0	28.1	28.9	29.9
Scranton-Wilkes-Barre .....	73.7	75.6	73.5	13.7	14.3	14.5	56.6	58.5	60.2
Sharon .....	10.5	10.7	10.3	2.1	2.1	2.0	9.3	9.4	9.8
State College .....	7.4	8.0	7.8	1.2	1.2	1.2	8.8	8.8	9.1
Williamsport .....	13.9	15.0	14.7	1.9	2.0	1.9	9.5	9.5	10.0
York .....	56.4	59.7	58.8	6.8	6.8	6.9	34.1	36.4	37.8
<b>Rhode Island</b>									
Pawtucket-Woonsocket-Attleboro .....	116.2	121.7	119.5	13.3	13.5	13.8	83.5	88.6	93.2
Providence .....	52.8	55.9	55.0	3.4	3.5	3.5	23.6	26.5	28.7
	73.8	76.5	76.2	9.9	10.2	10.5	56.7	60.4	64.2
<b>South Carolina</b>									
Charleston .....	362.4	377.6	365.1	54.0	55.3	56.4	239.4	261.2	278.9
Columbia .....	18.4	20.0	19.8	8.4	8.6	9.0	36.3	40.0	42.0
Greenville-Spartanburg .....	25.4	28.2	28.0	9.2	8.9	9.4	39.3	42.1	44.8
	97.1	101.0	97.5	9.4	9.7	10.1	55.5	60.6	64.0
<b>South Dakota</b>									
Rapid City .....	25.9	29.2	27.4	12.3	12.3	12.7	62.5	65.3	65.6
Sioux Falls .....	( <sup>1</sup> )	3.7	3.8	( <sup>1</sup> )	1.9	1.8	( <sup>1</sup> )	9.5	9.5
	8.1	9.1	7.9	4.4	4.5	4.6	15.7	16.7	16.8
<b>Tennessee</b>									
Chattanooga .....	468.6	497.1	489.3	83.6	89.1	91.3	389.9	413.3	437.7
Johnson City-Kingsport-Bristol .....	43.3	43.7	43.8	7.2	7.8	8.1	36.6	39.2	39.6
Knoxville .....	51.1	53.1	52.0	6.2	5.7	5.6	29.2	31.0	33.1
Memphis .....	48.2	50.9	49.6	7.9	8.5	8.7	51.7	54.7	55.4
Nashville .....	51.4	53.4	52.1	27.4	30.4	32.4	97.8	103.4	107.3
	80.1	86.6	90.5	20.0	21.7	22.0	89.9	98.2	103.1
<b>Texas</b>									
Abilene .....	963.7	1,004.3	1,004.6	366.2	374.0	383.3	1,554.0	1,640.8	1,703.7
Amarillo .....	6.2	5.4	5.4	2.8	2.8	2.8	13.7	13.9	14.4
Austin .....	9.8	10.1	10.0	6.4	6.6	6.3	23.0	23.8	24.1
Beaumont-Port Arthur .....	34.6	40.4	42.2	8.2	9.2	10.6	65.9	72.9	80.3
Brazoria .....	32.5	31.3	27.7	11.7	11.1	10.3	33.3	33.8	33.2
Brownsville-Harlingen .....	17.3	17.4	16.8	2.7	2.6	2.3	10.6	11.4	11.4
Bryan-College Station .....	10.8	10.5	9.6	3.0	3.3	3.4	17.0	17.6	18.3
Corpus Christi .....	3.1	3.4	3.6	1.6	1.6	1.5	9.9	10.3	10.8
Dallas .....	13.6	13.3	13.1	7.6	7.7	7.6	32.9	33.9	34.3
El Paso .....	208.2	226.7	233.3	74.0	79.2	83.2	304.0	333.0	349.3
Ft. Worth-Arlington .....	35.6	37.4	36.5	9.8	9.9	9.6	40.0	41.2	44.1
Galveston-Texas City .....	100.5	108.0	113.9	23.3	24.8	26.4	120.8	130.3	135.9
Houston .....	10.6	10.4	10.3	5.9	6.1	5.7	13.8	14.3	14.0
Killeen-Temple .....	181.3	177.8	173.7	101.2	100.5	100.7	360.2	376.2	380.6
Laredo .....	8.1	8.6	8.6	3.0	3.0	3.0	14.4	15.6	16.3
Longview-Marshall .....	1.9	1.8	1.8	3.2	3.5	3.7	9.0	9.5	10.4
Lubbock .....	15.3	15.5	16.1	3.5	3.6	3.7	16.8	16.9	17.6
McAllen-Edinburg-Mission .....	11.6	8.9	8.1	4.7	4.8	4.6	26.1	26.6	27.1
Midland .....	10.4	11.2	11.5	2.6	2.7	2.6	24.7	24.1	25.5
Odessa .....	3.6	3.8	3.8	2.6	2.3	2.5	11.7	11.8	11.0
San Angelo .....	5.8	5.0	5.2	2.8	2.7	2.6	15.0	14.5	14.7
San Antonio .....	5.7	5.6	5.6	3.8	3.6	3.1	8.9	9.2	9.6
Sherman-Denison .....	49.4	51.9	51.1	17.8	18.5	19.1	111.5	119.0	124.2
Texasarkana .....	11.4	12.3	11.9	2.0	2.0	2.0	7.4	8.0	8.1
Tyler .....	6.7	7.2	7.6	1.9	1.9	2.0	10.0	10.7	10.8
Victoria .....	11.8	12.0	12.0	2.9	3.0	3.1	15.2	16.5	17.0
Waco .....	3.1	3.0	3.2	1.5	1.5	1.6	7.9	7.9	8.2
Wichita Falls .....	15.4	16.0	16.5	3.2	3.4	3.6	18.4	19.0	19.1
	8.5	9.1	8.6	2.6	2.7	2.8	12.5	12.2	12.9
<b>Utah</b>									
Provo-Orem .....	85.5	94.0	93.9	35.9	36.4	37.0	133.5	140.8	147.8
Salt Lake City-Ogden .....	11.1	12.3	11.5	2.3	2.3	2.2	13.4	14.0	14.5
	57.4	63.2	63.5	28.1	28.6	28.8	98.0	103.3	108.4
<b>Vermont</b>									
Burlington .....	47.6	49.0	49.5	8.7	9.2	9.4	44.1	46.9	50.1
Springfield .....	15.6	16.1	16.6	2.5	2.7	2.7	13.4	14.4	15.7
	4.1	4.1	3.8	.6	.6	.6	2.3	2.4	2.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Pennsylvania—Continued</b>									
Reading .....	6.2	6.7	7.1	25.7	26.3	27.1	15.8	16.0	16.1
Scranton—Wilkes-Barre .....	10.6	11.0	11.5	56.1	59.5	63.0	40.8	40.9	40.8
Sharon .....	1.3	1.3	1.3	9.8	9.9	10.1	5.3	5.1	5.1
State College .....	1.5	1.5	1.5	6.8	7.4	8.2	19.1	19.3	19.7
Williamsport .....	2.1	2.2	2.2	8.5	8.5	8.8	6.0	6.2	6.2
York .....	4.1	4.3	4.5	23.8	25.6	27.2	17.6	17.6	17.6
<b>Rhode Island</b>									
Pawtucket—Woonsocket—Attleboro .....	3.0	3.1	3.4	19.6	20.8	22.2	9.3	9.8	9.7
Providence .....	18.3	19.0	19.6	68.1	72.3	75.8	42.4	42.9	43.2
<b>South Carolina</b>									
Charleston .....	7.1	7.9	8.1	27.7	30.3	32.6	46.2	47.2	48.4
Columbia .....	14.7	15.8	16.8	31.5	34.3	37.5	54.9	55.2	57.0
Greenville—Spartanburg .....	10.6	10.9	11.0	39.4	41.9	45.6	34.5	35.2	36.7
<b>South Dakota</b>									
Rapid City .....	( <sup>1</sup> )	1.6	1.7	( <sup>1</sup> )	8.0	8.1	( <sup>1</sup> )	5.9	6.2
Sioux Falls .....	4.5	5.2	5.7	14.7	15.5	16.5	6.6	6.9	7.2
<b>Tennessee</b>									
Chattanooga .....	9.8	10.0	10.5	31.1	31.7	36.4	31.4	31.3	30.2
Johnson City—Kingsport—Bristol .....	4.6	4.7	4.7	22.5	24.0	24.4	23.0	22.7	24.6
Knoxville .....	9.6	9.0	8.8	47.7	49.8	48.4	47.3	46.7	46.7
Memphis .....	20.3	21.4	22.3	81.1	86.0	87.4	63.7	63.8	65.6
Nashville .....	26.6	27.3	29.2	83.3	89.6	94.1	60.8	60.7	62.0
<b>Texas</b>									
Abilene .....	2.8	2.7	2.8	12.1	12.6	13.3	7.9	8.0	8.0
Amarillo .....	4.2	4.3	4.4	14.9	15.4	16.1	13.3	13.3	13.7
Austin .....	18.9	22.0	24.4	59.6	71.0	80.5	84.6	86.8	91.9
Beaumont—Port Arthur .....	5.6	5.7	5.7	26.8	28.3	27.9	19.8	19.8	19.8
Brazoria .....	2.0	2.2	2.3	6.9	7.8	8.1	9.0	9.7	10.2
Brownsville—Harlingen .....	3.2	3.3	3.4	10.8	11.8	12.3	13.3	13.8	14.3
Bryan—College Station .....	1.9	2.0	2.1	6.7	7.3	7.4	17.8	18.7	19.0
Corpus Christi .....	6.4	6.8	6.9	24.5	26.0	27.5	26.6	27.0	27.2
Dallas .....	104.4	116.8	126.1	231.3	260.6	276.8	124.9	128.6	134.6
El Paso .....	8.0	8.6	9.0	28.8	30.4	32.7	33.8	34.9	35.7
Ft. Worth—Arlington .....	23.3	25.7	27.8	84.9	92.4	100.9	56.7	57.4	60.1
Galveston—Texas City .....	4.7	4.7	4.6	10.9	12.0	12.9	18.3	18.9	20.8
Houston .....	103.7	107.0	109.7	306.8	328.4	344.7	170.6	172.9	180.5
Killeen—Temple .....	2.4	2.6	3.0	11.0	11.8	12.4	17.9	18.3	19.0
Laredo .....	1.4	1.5	1.5	4.8	5.1	5.7	6.6	7.4	7.9
Longview—Marshall .....	3.0	3.1	3.4	10.8	11.2	11.6	7.9	8.0	8.1
Lubbock .....	5.3	5.5	5.5	19.1	19.6	19.7	20.2	20.5	21.4
McAllen—Edinburg—Mission .....	3.1	3.5	3.9	11.1	11.9	12.8	19.3	19.9	20.8
Midland .....	3.5	3.5	3.2	8.0	8.4	9.1	5.1	5.5	5.9
Odessa .....	2.3	2.0	1.9	7.5	7.9	8.1	6.8	6.9	7.3
San Angelo .....	1.6	1.7	1.9	7.2	7.4	7.6	6.6	6.6	6.6
San Antonio .....	31.6	34.1	36.0	94.0	100.6	107.6	97.9	99.2	102.7
Sherman—Denison .....	1.3	1.3	1.4	6.3	6.9	7.0	4.8	4.8	4.9
Texarkana .....	1.5	1.8	1.8	7.9	8.1	8.4	12.0	12.3	12.7
Tyler .....	3.2	3.4	3.9	11.8	12.6	12.8	7.7	7.9	8.3
Victoria .....	1.6	1.6	1.6	5.2	5.4	5.5	4.1	4.1	4.2
Waco .....	4.6	4.8	4.7	16.6	17.2	18.1	11.4	11.4	11.7
Wichita Falls .....	2.5	2.4	2.4	9.0	9.5	9.7	10.3	10.2	10.4
<b>Utah</b>									
Provo—Orem .....	2.0	2.1	2.1	21.0	21.7	23.1	11.7	12.3	13.0
Salt Lake City—Ogden .....	22.9	24.2	25.5	76.4	82.8	91.2	84.8	86.4	90.7
<b>Vermont</b>									
Burlington .....	2.6	2.8	2.9	14.4	14.9	15.4	10.4	10.6	10.5
Springfield .....	.3	.4	.4	2.9	3.1	3.4	1.7	1.7	1.7

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Total			Mining			Construction		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Virginia</b> .....	2,206.9	2,333.3	2,447.1	17.4	18.3	17.3	113.9	132.8	151.3
Bristol .....	26.9	28.0	28.8	.1	.1	.1	.9	1.0	1.3
Charlottesville .....	57.2	60.1	60.1	.1	.1	.1	2.6	3.0	3.6
Danville .....	39.2	39.7	39.0	.1	.1	.1	1.4	1.4	1.4
Lynchburg .....	66.0	68.9	71.4	.1	.1	.1	2.3	2.6	2.7
Norfolk-Virginia Beach-Newport News .....	458.7	484.5	509.8	.1	.1	.1	25.9	30.4	33.9
Northern Virginia .....	516.0	567.4	618.2	.5	.5	.6	29.1	36.2	42.4
Richmond-Petersburg .....	373.5	385.3	401.3	.3	.3	.3	18.0	20.7	23.5
Roanoke .....	101.7	107.1	112.7	.1	.1	.1	5.2	5.6	6.8
<b>Washington</b> .....	1,586.1	1,659.6	1,707.6	2.7	2.6	2.7	74.2	79.6	79.9
Seattle .....	770.1	814.2	848.9	.4	.5	.5	35.2	39.3	41.5
<b>West Virginia</b> .....	582.3	596.6	596.1	48.6	48.8	44.5	21.6	22.0	23.4
Charleston .....	105.0	106.9	107.2	4.1	3.4	2.5	4.6	4.4	4.4
Huntington-Ashland .....	97.2	99.2	100.3	1.2	1.1	1.2	4.5	3.7	4.1
Parkersburg-Marietta .....	55.5	57.0	57.9	1.1	1.2	1.1	2.5	2.5	2.9
Wheeling .....	58.3	58.4	57.7	3.2	3.0	2.6	2.0	2.0	2.0
<b>Wisconsin</b> .....	1,864.6	1,949.2	1,976.8	1.9	1.9	2.2	57.7	63.2	62.8
Appleton-Oshkosh-Neenah .....	125.3	131.4	135.7	( <sup>1</sup> )	( <sup>1</sup> )	.1	4.8	5.5	5.7
Eau Claire .....	48.4	49.9	50.7	( <sup>1</sup> )	( <sup>1</sup> )	.1	1.5	1.5	1.7
Green Bay .....	80.9	85.4	87.5	( <sup>1</sup> )	( <sup>1</sup> )	.1	3.0	3.4	3.5
Janesville-Beloit .....	49.7	51.8	52.5	( <sup>1</sup> )	( <sup>1</sup> )	.1	1.3	1.4	1.4
Kenosha .....	41.1	41.7	38.8	( <sup>1</sup> )	( <sup>1</sup> )	.1	1.3	1.3	1.3
La Crosse .....	45.5	47.0	47.6	( <sup>1</sup> )	( <sup>1</sup> )	.1	1.5	1.6	1.3
Madison .....	173.6	180.2	188.2	( <sup>1</sup> )	( <sup>1</sup> )	.1	5.4	6.1	6.6
Milwaukee .....	627.7	658.6	662.1	( <sup>1</sup> )	( <sup>1</sup> )	.1	16.7	18.8	19.0
Racine .....	63.6	67.2	66.2	( <sup>1</sup> )	( <sup>1</sup> )	.1	1.4	1.6	1.5
Sheboygan .....	41.3	43.7	44.1	( <sup>1</sup> )	( <sup>1</sup> )	.1	1.2	1.3	1.2
Wausau .....	41.0	41.8	42.1	( <sup>1</sup> )	( <sup>1</sup> )	.1	1.3	1.3	1.2
<b>Wyoming</b> .....	202.5	204.3	204.9	28.5	27.9	25.9	14.4	14.1	14.7
<b>Puerto Rico</b> .....	645.6	684.3	688.1	.7	.7	.7	22.8	27.5	25.1
Caguas .....	39.1	41.5	42.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Mayaguez .....	47.0	49.4	49.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Ponce .....	39.9	42.1	42.4	.1	.1	( <sup>1</sup> )	1.4	1.6	1.8
San Juan .....	403.2	425.8	425.7	.4	.4	.3	17.9	21.0	20.5
<b>Virgin Islands</b> .....	36.4	36.6	36.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.3	2.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Virginia</b> .....	403.6	421.3	423.3	120.4	127.2	131.8	480.2	516.5	545.2
Bristol .....	8.8	9.6	9.4	1.1	1.1	1.1	6.6	6.7	7.2
Charlottesville .....	10.1	10.2	9.5	1.9	2.0	2.0	10.1	11.0	11.6
Danville .....	18.5	18.2	16.8	1.0	.9	.9	7.2	7.8	8.2
Lynchburg .....	25.1	26.1	25.1	2.8	3.0	3.0	11.9	12.6	13.1
Norfolk-Virginia Beach-Newport News .....	64.3	67.3	68.0	24.4	25.1	25.2	106.8	115.7	123.1
Northern Virginia .....	25.1	28.6	31.4	35.1	39.2	42.5	119.7	130.3	142.2
Richmond-Petersburg .....	62.5	63.8	63.5	20.8	21.6	21.6	89.0	92.2	95.8
Roanoke .....	19.4	20.6	20.9	8.2	8.5	9.4	25.7	27.3	28.8
<b>Washington</b> .....	278.4	288.1	294.1	87.9	90.9	93.7	393.9	411.6	421.6
Seattle .....	149.7	154.8	163.1	52.4	54.2	55.7	194.0	205.0	211.5
<b>West Virginia</b> .....	89.8	91.5	89.6	39.4	39.3	38.0	127.4	131.9	133.7
Charleston .....	14.4	13.3	13.5	8.8	9.0	8.7	25.9	27.6	27.7
Huntington-Ashland .....	20.0	21.0	20.0	8.1	8.4	8.1	24.2	25.2	25.8
Parkersburg-Marietta .....	14.4	15.0	14.6	2.1	2.1	2.0	13.4	13.5	13.8
Wheeling .....	8.6	8.2	7.8	3.5	3.3	3.2	14.8	15.0	14.9
<b>Wisconsin</b> .....	484.1	518.9	514.8	88.1	91.9	93.7	433.3	452.8	462.5
Appleton-Oshkosh-Neenah .....	44.6	47.3	48.8	4.7	5.0	4.9	26.7	28.1	29.1
Eau Claire .....	8.7	9.3	9.4	2.6	2.6	2.6	13.4	14.1	14.6
Green Bay .....	21.6	23.1	23.6	5.8	6.0	6.2	22.2	22.5	22.5
Janesville-Beloit .....	17.5	18.4	18.3	2.1	2.1	2.0	11.6	12.2	12.7
Kenosha .....	15.5	16.0	12.9	1.3	1.5	1.3	8.0	8.1	8.2
La Crosse .....	10.0	10.6	10.5	2.1	2.3	2.4	12.1	12.6	12.7
Madison .....	19.1	20.0	20.9	6.0	6.2	6.5	38.5	39.1	40.8
Milwaukee .....	164.2	175.4	171.3	32.8	34.1	35.6	140.9	148.3	149.6
Racine .....	23.7	25.6	24.0	2.2	2.2	2.2	14.0	14.6	15.1
Sheboygan .....	17.1	18.9	18.4	1.3	1.3	1.4	8.0	8.1	8.3
Wausau .....	10.8	10.9	10.9	2.2	2.3	2.5	10.1	10.5	10.4
<b>Wyoming</b> .....	8.2	8.0	7.9	16.3	15.8	15.2	45.9	46.4	45.8
<b>Puerto Rico</b> .....	143.7	150.3	148.2	15.4	15.5	14.6	108.3	116.4	119.9
Caguas .....	13.8	14.0	14.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.2	7.8	8.0
Mayaguez .....	18.6	19.7	20.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.2	6.5	6.2
Ponce .....	7.5	8.2	8.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.6	6.7	6.6
San Juan .....	65.6	66.3	66.4	12.4	12.1	11.2	75.2	81.5	82.3
<b>Virgin Islands</b> .....	2.5	2.3	2.1	2.2	2.3	2.3	7.6	7.9	8.1

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonagricultural payrolls in States and selected areas by major industry—Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Virginia</b> .....	110.1	117.1	122.9	460.4	495.1	537.6	500.9	505.0	517.6
Bristol .....	.9	1.1	1.0	3.5	3.6	3.9	5.0	5.0	4.9
Charlottesville .....	2.8	3.0	3.0	9.2	9.9	10.2	20.4	21.0	20.2
Danville .....	1.1	1.0	1.1	5.1	5.2	5.4	5.0	5.0	5.1
Lynchburg .....	3.1	3.2	3.4	12.0	12.4	12.5	8.7	9.0	11.6
Norfolk-Virginia Beach-Newport News .....	20.1	21.3	22.6	98.1	104.5	114.9	118.9	120.1	121.9
Northern Virginia .....	30.9	34.5	37.0	150.0	166.7	183.7	125.6	131.4	138.3
Richmond-Petersburg .....	28.5	29.7	31.7	68.4	72.2	78.0	86.0	84.9	87.0
Roanoke .....	6.2	6.5	8.7	22.4	24.1	25.4	14.5	14.4	14.7
<b>Washington</b> .....	92.3	95.7	99.2	332.8	356.6	373.4	324.0	334.5	343.0
Seattle .....	57.7	60.5	62.6	164.1	178.9	189.7	116.6	121.0	124.5
<b>West Virginia</b> .....	22.2	23.2	23.6	105.5	109.2	115.8	127.8	130.7	127.5
Charleston .....	5.2	5.5	5.8	21.5	22.3	23.3	20.5	21.4	21.4
Huntington-Ashland .....	3.8	3.9	3.9	15.9	16.6	18.2	19.4	19.3	19.1
Parkersburg-Marietta .....	2.0	2.1	2.1	11.0	11.3	12.0	9.1	9.3	9.4
Wheeling .....	2.8	2.8	2.9	14.5	14.7	15.1	9.1	9.4	9.2
<b>Wisconsin</b> .....	98.6	101.3	104.2	388.6	404.4	415.2	312.5	314.7	321.6
Appleton-Oshkosh-Neenah .....	6.0	6.3	6.8	22.3	23.0	24.1	16.0	15.9	16.2
Eau Claire .....	1.8	1.8	1.9	10.5	10.3	10.3	9.9	10.1	10.2
Green Bay .....	2.7	2.8	3.0	15.9	17.4	18.4	9.8	10.0	10.1
Janesville-Beloit .....	1.4	1.5	1.6	9.3	9.7	9.8	6.5	6.4	6.5
Kenosha .....	1.0	.9	1.0	7.8	7.9	8.0	6.2	6.0	6.0
La Crosse .....	1.3	1.3	1.4	11.8	11.8	12.2	6.7	6.8	7.1
Madison .....	13.7	14.1	15.1	35.3	37.4	39.9	55.5	57.1	58.2
Milwaukee .....	43.0	44.1	44.6	150.1	157.7	162.7	79.7	79.9	78.9
Racine .....	2.2	2.2	2.3	12.1	12.9	13.1	8.0	8.0	8.0
Sheboygan .....	1.8	1.9	2.0	6.7	6.9	7.3	5.2	5.3	5.4
Wausau .....	3.8	3.8	3.5	6.9	7.2	7.5	5.8	5.9	6.0
<b>Wyoming</b> .....	7.9	8.0	8.0	32.4	33.1	34.4	48.9	50.9	53.1
<b>Puerto Rico</b> .....	28.2	29.3	30.2	86.5	91.3	94.0	240.1	253.2	255.4
Caguas .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.9	14.9	14.9
Mayaguez .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.2	15.6	15.5
Ponce .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.2	7.6	7.4	14.2	14.9	15.0
San Juan .....	22.9	23.6	24.3	65.0	68.2	69.2	143.8	152.7	152.2
<b>Virgin Islands</b> .....	1.6	1.8	1.8	6.1	6.2	6.5	14.0	13.8	13.5

<sup>1</sup> Not available.

NOTE: Area definitions are published annually in the May issue of this publication.

All State and area data have been adjusted to March 1985 benchmarks except Michigan. Data for Michigan have been adjusted to December 1984 benchmarks.

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

**2. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Alabama</b> .....	40.7	41.0	40.8	7.8	8.0	8.5	308.5	326.8	346.0
Birmingham .....	40.1	41.2	40.4	7.9	8.3	8.8	344.2	341.5	355.1
Mobile .....	41.4	42.2	42.7	9.7	9.9	10.0	401.2	416.1	427.4
<b>Alaska</b> .....	36.2	39.3	40.7	12.3	12.3	12.2	446.3	481.4	496.1
<b>Arizona</b> .....	40.5	40.8	40.9	9.0	9.1	9.5	384.1	370.9	387.3
Phoenix .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Tucson .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Arkansas</b> .....	40.1	40.5	40.2	7.0	7.3	7.6	282.7	296.1	304.3
Fayetteville-Springdale .....	40.0	40.1	39.6	6.4	6.3	6.6	256.4	251.4	263.3
Fort Smith .....	39.8	40.5	39.8	7.2	7.7	8.0	285.8	311.8	318.4
Little Rock-North Little Rock .....	40.7	40.9	41.0	8.1	8.0	8.2	330.9	326.4	334.6
Pine Bluff .....	41.4	41.4	41.8	9.2	9.3	9.5	382.5	384.2	396.7
<b>California</b> .....	40.0	40.3	40.2	9.5	9.8	10.1	380.8	393.7	406.8
<b>Colorado</b> .....	39.9	40.9	40.2	9.0	9.2	9.5	357.9	377.9	382.7
Denver .....	40.0	40.9	40.4	9.4	9.6	10.2	374.8	394.7	411.3
<b>Connecticut</b> .....	41.3	42.5	41.9	8.8	9.2	9.6	361.8	391.8	401.0
Bridgeport-Milford .....	41.7	41.6	41.2	9.2	9.7	10.0	384.5	402.3	414.1
Hartford .....	41.1	42.5	42.1	9.4	9.8	10.0	386.8	417.8	419.3
New Britain .....	41.1	42.1	42.0	9.0	9.5	9.8	371.5	401.2	410.8
New Haven-Meriden .....	39.3	40.9	41.1	8.7	9.0	9.1	340.9	369.7	374.0
Stamford .....	39.8	42.7	42.2	8.6	9.0	9.6	341.1	385.1	403.8
Waterbury .....	42.6	43.9	42.7	7.4	7.8	8.1	317.4	343.3	344.6
<b>Delaware</b> .....	40.6	41.5	41.1	9.2	9.3	9.8	373.1	385.1	404.4
Wilmington .....	40.6	42.7	41.3	10.6	10.7	11.5	428.7	455.6	474.9
<b>District of Columbia:</b>									
Washington MSA .....	38.6	38.1	38.2	9.8	10.1	10.5	376.3	384.8	400.3
<b>Florida</b> .....	40.7	41.2	41.3	7.3	7.6	7.9	298.3	313.9	324.6
Fort Lauderdale-Hollywood-Pompano Beach .....	41.7	41.5	41.3	7.0	7.3	7.7	291.9	303.8	318.4
Jacksonville .....	40.5	41.3	41.4	8.0	8.1	8.2	324.8	333.3	337.8
Lakeland-Winter Haven .....	40.2	41.4	41.1	7.3	7.6	7.8	293.1	313.8	319.3
Miami-Hialeah .....	38.7	39.6	38.8	6.1	6.5	6.7	237.2	255.8	261.1
Orlando .....	42.0	42.3	41.4	7.6	8.0	8.3	319.6	337.5	345.7
Pensacola .....	42.4	42.3	40.5	8.8	9.1	9.5	374.8	383.7	386.4
Tampa-St. Petersburg-Clearwater .....	41.2	41.9	40.9	7.3	7.6	7.5	300.8	317.2	307.2
West Palm Beach-Boca Raton-Delray Beach .....	41.6	41.6	42.7	7.7	7.7	7.9	321.1	321.1	337.3
<b>Georgia</b> .....	41.1	41.0	40.6	7.1	7.6	8.0	293.0	310.8	325.6
Atlanta .....	40.6	40.5	40.7	8.5	8.7	9.3	344.7	352.8	379.3
Savannah .....	43.8	44.9	44.4	9.3	9.8	10.1	405.1	438.2	449.3
<b>Hawaii</b> .....	38.6	38.1	37.4	8.2	8.3	8.6	317.7	318.1	323.5
Honolulu .....	38.3	38.1	37.8	8.3	8.4	8.8	318.3	320.4	330.8
<b>Idaho</b> .....	37.4	37.6	37.8	9.0	9.3	9.4	335.8	351.2	355.7
<b>Illinois</b> .....	40.6	40.6	40.6	9.7	10.1	10.4	393.6	409.3	421.0
Aurora-Elgin .....	( <sup>1</sup> )	38.2	39.6	( <sup>1</sup> )	10.0	10.0	( <sup>1</sup> )	381.3	394.8
Bloomington-Normal .....	40.8	39.0	39.5	9.2	9.9	10.7	374.2	385.1	421.1
Champaign-Urbana-Rantoul .....	38.1	34.3	39.7	9.3	9.2	9.2	353.5	317.1	366.0
Chicago .....	40.4	41.0	41.4	9.5	9.8	10.2	385.7	402.8	421.0
Davenport-Rock Island-Moline .....	39.3	39.4	40.1	12.1	12.3	12.3	477.9	484.1	491.6
Decatur .....	40.5	36.0	40.8	12.4	12.6	13.4	501.8	453.4	546.7
Joliet .....	( <sup>1</sup> )	40.6	40.5	( <sup>1</sup> )	10.8	11.4	( <sup>1</sup> )	438.7	463.7
Kankakee .....	39.0	33.1	38.7	8.4	9.3	9.9	326.0	308.9	382.7
Lake County .....	( <sup>1</sup> )	35.7	40.3	( <sup>1</sup> )	9.5	10.2	( <sup>1</sup> )	341.0	411.5
Peoria .....	39.9	38.6	41.5	11.8	12.4	12.4	470.8	479.5	516.7
Rockford .....	41.5	41.2	41.5	9.6	10.0	10.7	398.6	411.5	444.0
Springfield .....	42.2	37.0	41.9	11.1	11.1	11.6	467.2	410.6	485.2

See footnotes at end of table.



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

**2. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Indiana</b> .....	41.0	41.7	40.9	10.1	10.4	10.7	414.1	435.8	438.0
Gary-Hammond .....	40.0	41.2	41.7	13.0	13.3	13.9	518.4	545.9	580.9
Indianapolis .....	41.2	42.1	41.3	10.0	10.7	11.1	412.8	449.2	457.2
<b>Iowa</b> .....	39.8	40.2	40.2	10.1	10.2	10.3	401.6	411.6	414.9
Cedar Rapids .....	40.9	41.7	40.5	10.6	11.0	11.2	433.5	458.3	455.2
Des Moines .....	38.9	40.7	39.9	11.5	12.2	11.7	445.8	498.2	466.0
Dubuque .....	40.1	40.8	40.0	10.5	10.9	11.7	420.3	444.7	468.4
Sioux City .....	39.8	38.0	38.9	8.9	8.8	8.3	353.8	333.3	320.9
Waterloo-Cedar Falls .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Kansas</b> .....	39.1	40.1	39.5	9.2	9.4	9.5	360.9	376.1	373.7
Topeka .....	37.8	40.8	40.8	9.3	9.8	10.6	351.9	401.9	431.3
Wichita .....	40.5	41.1	38.8	10.1	10.0	10.0	410.7	412.6	389.5
<b>Kentucky</b> .....	39.2	39.2	38.9	8.8	9.3	9.5	344.6	363.8	370.7
Lexington-Fayette .....	39.6	39.5	39.0	9.4	9.8	10.1	373.0	386.3	394.3
Louisville .....	40.3	41.1	40.5	10.1	10.5	10.7	407.0	431.1	431.7
<b>Louisiana</b> .....	40.0	41.6	41.7	9.8	10.1	10.4	391.6	418.5	434.9
Baton Rouge .....	41.9	42.7	43.6	11.5	12.0	12.5	482.7	510.7	544.1
New Orleans .....	38.7	41.5	41.0	9.1	10.3	10.5	351.4	427.9	431.3
Shreveport .....	39.8	42.0	40.0	9.5	10.0	10.6	377.3	422.1	422.8
<b>Maine</b> .....	39.9	39.9	40.0	7.6	8.0	8.4	303.6	321.2	336.0
Lewiston-Auburn .....	39.4	37.7	38.7	6.2	6.6	6.8	242.7	248.1	262.4
Portland .....	37.8	38.6	38.3	7.7	8.1	8.9	289.9	311.9	340.9
<b>Maryland</b> .....	40.0	41.0	40.3	9.0	9.4	9.7	360.8	387.4	392.1
Baltimore MSA .....	40.5	41.4	41.1	9.5	9.9	10.2	383.9	408.2	420.9
<b>Massachusetts</b> .....	39.9	40.1	40.7	8.0	8.5	9.0	319.6	340.8	366.3
Boston .....	39.5	40.1	40.4	8.7	9.2	9.6	343.3	369.7	389.5
Brockton .....	38.2	39.1	38.8	6.5	6.6	7.0	246.8	257.7	273.5
Fall River .....	36.4	36.8	36.7	6.4	6.8	6.9	234.4	249.5	251.8
Lawrence-Haverhill .....	39.6	39.9	40.3	8.0	8.5	8.8	317.6	340.3	353.4
Lowell .....	39.3	39.8	41.9	7.4	7.9	8.3	290.3	315.6	348.2
New Bedford .....	37.1	39.3	39.1	7.2	7.6	7.9	268.2	297.5	307.3
Springfield .....	40.7	41.4	41.8	8.1	8.5	8.9	328.0	351.9	371.6
Worcester .....	39.6	40.1	41.0	8.3	8.6	9.0	328.7	344.9	370.2
<b>Michigan</b> .....	42.5	43.2	43.1	11.6	12.2	12.6	494.0	526.2	544.8
Ann Arbor .....	43.2	45.4	44.7	11.9	13.1	13.3	516.0	594.7	596.7
Battle Creek .....	41.1	41.7	41.8	11.9	12.5	13.1	490.9	522.5	549.7
Detroit .....	42.8	44.1	43.9	12.3	12.9	13.4	526.5	568.0	588.3
Flint .....	44.6	44.7	45.6	13.3	14.1	14.6	594.8	629.8	666.7
Grand Rapids .....	41.3	41.7	41.0	10.0	10.3	10.6	411.2	430.8	435.0
Jackson .....	41.5	42.2	41.7	9.7	9.9	10.0	404.2	416.1	416.6
Kalamazoo .....	41.6	41.8	43.1	10.9	11.4	11.8	453.6	476.9	510.7
Lansing-East Lansing .....	43.4	44.3	42.9	13.1	13.8	14.5	570.3	610.0	620.8
Muskegon .....	40.0	40.7	40.4	10.4	10.9	11.2	416.1	443.2	453.7
Saginaw-Bay City-Midland .....	42.7	43.6	43.9	13.6	14.3	14.1	581.6	625.7	618.1
<b>Minnesota</b> .....	39.7	40.3	40.3	9.6	9.8	10.0	379.5	392.9	405.0
Duluth .....	37.5	38.8	38.2	10.1	10.1	10.7	377.3	392.3	408.7
Minneapolis-St. Paul .....	39.8	40.6	40.8	10.1	10.4	10.8	402.4	423.9	440.2
St. Cloud .....	36.6	39.3	40.8	8.4	8.9	9.5	308.5	351.7	389.2
<b>Mississippi</b> .....	40.1	40.6	40.6	6.7	6.9	7.2	268.7	282.2	293.1
Jackson .....	40.6	41.1	41.1	7.6	7.8	8.2	308.1	321.0	335.8
<b>Missouri</b> .....	39.9	40.5	40.2	8.9	9.3	9.6	354.7	377.1	384.3
Kansas City .....	40.5	41.3	41.2	10.0	10.5	10.9	403.8	435.7	450.7
St. Joseph .....	38.8	39.2	39.0	8.3	8.4	8.8	320.5	329.7	342.0
St. Louis .....	40.3	40.9	40.2	10.1	10.6	11.1	407.4	434.4	445.4
Springfield .....	40.0	39.3	38.7	8.1	8.5	9.0	324.0	332.5	347.5
<b>Montana</b> .....	39.7	39.2	39.0	10.4	10.8	11.0	414.5	421.8	427.8

See footnotes at end of table.

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

**2. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Nebraska</b> .....	40.3	40.5	40.3	8.8	8.9	9.0	353.0	361.7	363.9
Lincoln .....	39.2	40.9	39.1	8.9	9.3	9.6	350.4	381.2	376.9
Omaha .....	39.8	40.4	40.4	9.1	9.3	9.6	363.0	377.7	388.6
<b>Nevada</b> .....	38.8	39.8	40.4	9.0	9.1	9.1	350.0	363.0	369.7
Las Vegas .....	39.4	39.6	39.9	10.9	11.4	11.1	429.8	450.3	441.7
<b>New Hampshire</b> .....	40.5	41.0	40.7	7.4	7.9	8.4	300.5	322.3	341.5
Manchester .....	39.8	40.0	40.0	7.2	7.6	8.2	285.8	304.0	328.0
Nashua .....	41.2	41.3	40.8	8.8	9.3	9.9	360.5	384.1	405.1
<b>New Jersey</b> .....	40.6	41.1	40.8	9.1	9.5	9.9	369.9	390.4	403.9
Atlantic City .....	37.6	36.3	37.1	7.0	8.6	8.7	302.6	311.4	323.1
Bergen-Passaic .....	( <sup>1</sup> )	41.0	40.6	( <sup>1</sup> )	8.8	9.3	( <sup>1</sup> )	362.4	376.0
Camden .....	39.9	40.3	40.4	9.2	9.5	9.9	367.9	383.7	400.4
Jersey City .....	39.8	40.1	39.8	8.8	8.7	8.7	348.6	350.5	347.4
Middlesex-Somerset-Hunterdon .....	( <sup>1</sup> )	42.3	42.2	( <sup>1</sup> )	10.1	10.5	( <sup>1</sup> )	428.5	443.9
Newark .....	40.8	41.8	40.9	9.3	9.3	9.7	378.2	388.3	397.5
Trenton .....	40.8	39.9	40.6	9.0	9.3	10.4	366.4	369.9	421.8
<b>New Mexico</b> .....	39.7	39.9	39.9	7.6	8.0	8.4	301.7	318.0	336.0
Albuquerque .....	39.8	39.4	39.9	7.6	7.8	8.3	304.5	307.3	333.2
<b>New York</b> .....	39.3	39.8	39.8	8.8	9.2	9.7	347.4	367.0	384.9
Albany-Schenectady-Troy .....	40.4	40.4	40.1	9.1	9.4	9.7	368.8	379.4	387.4
Binghamton .....	40.4	41.1	40.1	7.9	8.2	8.6	320.0	338.7	343.3
Buffalo .....	( <sup>1</sup> )	41.5	42.1	( <sup>1</sup> )	11.4	12.1	( <sup>1</sup> )	475.2	509.4
Elmira .....	39.7	40.6	40.2	8.9	9.0	9.1	353.3	364.2	365.0
Glens Falls .....	39.7	39.5	40.2	8.8	9.3	9.5	348.2	368.1	383.9
Monroe County .....	41.5	42.5	42.6	11.6	11.9	12.6	483.1	507.0	537.2
Nassau-Suffolk .....	40.0	40.5	40.4	8.7	9.1	9.5	348.4	369.0	382.2
New York FMSA .....	36.9	37.3	37.4	8.0	8.4	8.8	295.6	312.6	330.2
New York City .....	36.7	36.9	37.0	7.9	8.3	8.7	290.7	305.5	320.8
Niagara Falls .....	( <sup>1</sup> )	42.3	42.4	( <sup>1</sup> )	11.8	12.6	( <sup>1</sup> )	499.6	533.0
Orange County .....	( <sup>1</sup> )	39.2	38.1	( <sup>1</sup> )	7.0	7.2	( <sup>1</sup> )	274.8	275.8
Poughkeepsie .....	42.9	43.2	42.3	8.7	8.6	8.7	372.4	371.5	366.7
Rochester .....	41.3	42.1	42.2	10.9	11.1	11.7	450.6	466.9	495.4
Rockland County .....	40.0	40.4	41.7	8.8	9.5	9.3	353.8	383.8	388.8
Syracuse .....	40.7	41.4	40.9	9.6	10.4	10.9	392.8	431.4	445.8
Utica-Rome .....	40.0	41.2	41.3	8.2	8.4	8.6	329.2	346.1	357.3
Westchester County .....	38.2	39.8	39.5	8.6	8.9	10.0	328.1	354.2	395.8
<b>North Carolina</b> .....	40.0	39.9	39.6	6.7	7.0	7.3	267.2	279.7	288.7
Asheville .....	39.9	41.0	41.1	6.5	7.1	7.3	261.3	289.9	302.1
Charlotte-Gastonia-Rock Hill .....	41.4	40.1	39.7	6.7	7.1	7.4	277.0	283.9	294.2
Greensboro-Winston-Salem-High Point .....	38.8	39.4	39.2	7.3	7.7	8.0	284.0	302.6	313.2
Raleigh-Durham .....	40.7	41.3	41.2	7.9	8.0	8.3	321.9	332.0	341.1
<b>North Dakota</b> .....	38.0	38.4	38.6	7.7	7.9	8.1	293.7	301.8	311.1
Fargo-Moorhead .....	37.8	37.5	38.0	8.0	8.2	8.3	303.9	309.0	316.5
<b>Ohio</b> .....	41.4	42.3	42.0	10.6	11.0	11.4	437.2	463.6	478.0
Akron .....	43.1	43.7	43.2	10.5	10.8	11.0	452.1	470.6	475.2
Canton .....	39.6	40.4	39.8	10.7	10.8	10.9	422.1	437.5	435.8
Cincinnati .....	41.1	41.8	41.4	10.1	10.6	10.7	415.5	441.4	441.7
Cleveland .....	40.9	42.0	41.8	10.4	10.9	11.2	427.4	456.1	467.7
Columbus .....	40.7	40.5	40.9	10.0	10.5	10.8	405.8	426.1	442.9
Dayton-Springfield .....	41.9	42.6	43.2	10.6	11.1	12.0	444.6	474.1	517.1
Toledo .....	42.9	43.2	42.6	11.3	11.6	12.3	483.9	502.4	523.5
Youngstown-Warren .....	42.1	43.3	43.1	12.4	12.8	13.2	521.2	556.0	570.6
<b>Oklahoma</b> .....	40.5	41.6	41.3	9.2	9.6	9.9	373.0	401.0	407.2
Oklahoma City .....	40.6	41.2	41.5	9.8	10.0	10.7	395.8	413.2	443.2
Tulsa .....	40.2	40.7	39.8	10.0	10.3	10.4	400.4	417.6	414.7
<b>Oregon</b> .....	38.9	39.2	38.7	10.3	10.4	10.5	398.7	409.3	406.0
Eugene-Springfield .....	39.5	39.2	39.4	10.5	10.7	10.8	416.7	419.0	424.3
Portland .....	39.3	39.6	38.6	10.3	10.4	10.4	406.4	412.6	403.4
Salem .....	36.7	37.5	36.8	8.8	8.8	8.8	323.7	328.5	324.9

See footnotes at end of table.

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

**2. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Pennsylvania</b> .....	39.2	40.2	39.9	8.9	9.3	9.6	350.8	373.1	381.8
Allentown-Bethlehem .....	38.0	39.1	39.2	9.2	9.9	10.3	349.6	385.5	403.0
Altoona .....	38.5	39.3	39.2	7.8	8.1	8.3	300.7	319.1	325.8
Beaver County .....	( <sup>1</sup> )	41.2	39.8	( <sup>1</sup> )	11.5	11.5	( <sup>1</sup> )	472.6	459.3
Delaware Valley .....	39.3	40.2	40.1	9.3	9.7	10.0	366.7	389.5	399.4
Erie .....	40.6	42.1	42.0	9.6	9.9	10.1	388.1	415.9	423.8
Harrisburg-Lebanon-Carlisle .....	39.6	39.9	39.5	8.5	8.9	9.1	337.4	356.7	358.3
Johnstown .....	36.1	37.2	37.3	8.1	8.4	8.3	293.5	311.4	311.1
Lancaster .....	39.3	39.9	39.9	8.3	8.7	9.2	327.0	346.7	368.7
Philadelphia PMSA .....	39.4	40.3	40.1	9.4	9.6	10.0	389.2	388.9	399.4
Pittsburgh .....	39.6	41.0	40.7	10.8	10.8	11.0	428.9	442.0	448.5
Reading .....	40.0	40.6	40.2	8.8	9.4	9.8	352.0	382.9	394.0
Scranton-Wilkes-Barre .....	( <sup>1</sup> )	38.1	38.2	( <sup>1</sup> )	7.8	8.2	( <sup>1</sup> )	295.7	312.1
Williamsport .....	38.9	39.4	39.6	8.0	8.2	8.5	310.4	322.3	337.4
York .....	40.8	41.5	40.9	8.1	8.6	8.9	331.3	356.9	364.4
<b>Rhode Island</b> .....	39.0	40.9	40.2	6.9	7.3	7.6	269.9	299.8	305.1
Pawtucket-Woonsocket-Attleboro .....	( <sup>1</sup> )	40.2	40.3	( <sup>1</sup> )	6.8	7.2	( <sup>1</sup> )	270.6	290.2
Providence .....	39.1	40.6	40.2	6.8	7.4	7.5	267.8	299.8	299.9
<b>South Carolina</b> .....	40.6	40.8	40.4	7.0	7.3	7.6	285.3	297.1	307.4
Charleston .....	41.6	42.3	44.5	8.4	8.7	9.3	350.3	368.7	414.3
Columbia .....	39.8	40.6	40.4	6.8	7.2	7.6	271.0	291.7	305.4
Greenville-Spartanburg .....	40.5	40.5	40.8	6.7	7.1	7.4	272.2	287.8	302.3
<b>South Dakota</b> .....	41.6	42.1	41.8	7.3	7.1	7.4	304.1	300.6	311.0
Sioux Falls .....	45.9	46.6	44.9	7.7	6.9	7.3	352.5	322.9	328.2
<b>Tennessee</b> .....	40.5	40.9	41.0	7.5	7.9	8.3	303.3	324.3	339.7
Chattanooga .....	41.5	42.1	41.5	7.1	7.4	7.4	296.3	309.9	307.9
Johnson City-Kingsport-Bristol .....	( <sup>1</sup> )	41.8	42.5	( <sup>1</sup> )	8.4	8.8	( <sup>1</sup> )	352.5	374.8
Knoxville .....	40.3	41.1	40.6	8.9	8.8	8.9	358.3	353.8	360.9
Memphis .....	41.1	41.1	41.8	7.9	8.3	8.6	324.7	339.5	361.1
Nashville .....	40.9	41.2	40.5	8.3	8.9	9.3	338.6	368.7	376.6
<b>Texas</b> .....	40.9	41.7	41.2	8.9	9.0	9.4	363.2	377.0	387.7
Dallas .....	40.9	41.2	41.6	8.8	8.6	9.1	358.3	355.6	379.8
Ft. Worth-Arlington .....	( <sup>1</sup> )	42.0	41.3	( <sup>1</sup> )	8.8	9.4	( <sup>1</sup> )	370.9	387.8
Houston .....	41.5	43.0	42.6	10.8	10.8	11.1	447.0	464.0	472.0
San Antonio .....	41.2	40.6	40.1	6.6	6.7	7.2	272.3	272.8	287.1
<b>Utah</b> .....	39.4	39.9	40.3	8.7	8.9	9.4	342.4	355.9	378.8
Salt Lake City-Ogden .....	39.9	40.9	39.9	8.5	8.6	9.1	337.5	351.3	363.9
<b>Vermont</b> .....	40.0	40.6	40.7	7.7	8.0	8.4	306.4	326.0	342.3
Burlington .....	42.0	42.6	42.5	8.6	8.9	9.2	359.9	378.7	391.4
Springfield .....	39.6	41.7	41.2	7.9	8.2	8.4	314.4	340.7	344.8
<b>Virginia</b> .....	39.7	40.3	40.1	7.8	8.1	8.5	309.3	326.4	341.6
Bristol .....	39.3	39.0	38.9	6.5	6.7	7.3	254.7	262.9	283.6
Charlottesville .....	39.5	40.2	39.6	6.6	7.0	7.1	259.1	283.4	282.7
Danville .....	40.9	40.4	40.0	7.1	7.5	7.9	292.4	302.6	318.0
Lynchburg .....	38.6	40.0	39.5	7.3	7.8	8.2	282.9	313.6	322.7
Norfolk-Virginia Beach-Newport News .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Northern Virginia .....	40.3	40.3	40.1	8.5	8.7	8.8	344.2	349.0	352.9
Richmond-Petersburg .....	39.5	40.8	40.5	10.3	10.5	10.6	406.5	427.2	431.3
Roanoke .....	40.1	40.9	41.0	7.0	7.4	7.6	279.9	301.8	312.4

See footnotes at end of table.

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

**2. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas—Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	1983	1984	1985	1983	1984	1985	1983	1984	1985
<b>Washington</b> .....	38.9	( <sup>1</sup> )	( <sup>1</sup> )	11.4	( <sup>1</sup> )	( <sup>1</sup> )	443.8	( <sup>1</sup> )	( <sup>1</sup> )
<b>West Virginia</b> .....	39.6	40.3	39.9	9.7	9.9	10.2	385.7	400.2	408.6
Charleston .....	42.5	43.0	42.1	11.3	12.2	12.6	479.0	524.2	532.6
Huntington-Ashland .....	38.4	39.5	38.8	11.0	11.2	11.4	424.3	442.4	441.9
Parkersburg-Marietta .....	41.0	41.7	41.8	10.8	11.0	11.6	440.8	460.8	486.1
Wheeling .....	39.4	40.4	40.5	11.0	11.4	11.8	133.0	460.6	469.8
<b>Wisconsin</b> .....	40.7	41.1	41.1	9.8	10.0	10.3	398.0	412.2	421.7
Appleton-Oshkosh .....	42.2	42.6	42.9	9.4	9.8	10.1	397.1	415.3	432.4
Eau Claire .....	41.0	41.4	41.4	9.4	9.9	10.3	364.2	410.7	427.3
Green Bay .....	41.5	41.4	41.8	10.3	10.6	11.0	426.6	438.0	461.9
Janesville-Beloit .....	42.2	41.0	41.0	10.8	11.5	12.1	456.6	473.5	497.3
Kenosha .....	40.9	40.4	38.9	11.8	11.7	12.2	481.0	472.7	473.8
La Crosse .....	39.4	38.7	38.8	8.8	8.8	9.0	347.9	342.1	350.8
Madison .....	39.9	41.0	41.0	9.3	9.5	9.5	372.3	390.7	389.9
Milwaukee .....	40.8	41.3	41.0	10.9	11.2	11.5	440.9	464.2	473.5
Racine .....	40.3	40.2	39.4	10.1	10.6	10.6	409.0	425.3	416.8
Sheboygan .....	39.2	40.0	39.6	9.3	9.6	9.6	363.8	382.4	379.4
Wausau .....	41.6	41.7	41.9	9.1	9.3	9.6	377.7	388.6	402.2
<b>Wyoming</b> .....	36.9	39.5	41.2	8.7	9.1	9.9	322.2	361.0	409.1
<b>Puerto Rico</b> .....	38.7	38.7	38.4	4.8	5.0	5.2	186.9	194.3	198.9
<b>Virgin Islands</b> .....	41.4	42.7	41.7	10.0	9.5	9.4	415.2	405.4	393.6

<sup>1</sup> Not available.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1985

benchmarks except Michigan. Data for Michigan have been adjusted to December 1984 benchmarks.

**STATE AND AREA LABOR FORCE DATA  
ANNUAL AVERAGES**

**3. Labor force status by State and selected metropolitan areas**

(Numbers in thousands)

State and area	Civilian labor force		Unemployed			
			Number		Percent of labor force	
	1984	1985	1984	1985	1984	1985
<b>Alabama</b> .....	1,792.0	1,803.0	200.0	160.0	11.1	8.9
Birmingham .....	415.0	417.6	41.9	30.0	10.1	7.2
Huntsville .....	112.7	117.8	8.2	7.0	7.3	5.9
Mobile .....	202.9	204.3	24.8	18.6	12.2	9.1
Montgomery .....	126.4	127.9	11.6	9.4	9.2	7.4
Tuscaloosa .....	63.4	64.3	5.7	4.4	9.0	6.8
<b>Alaska</b> .....	247.0	253.0	25.0	24.0	10.0	9.7
<b>Arizona</b> .....	1,441.0	1,477.0	71.0	96.0	5.0	6.5
Phoenix .....	886.7	912.6	34.1	46.6	3.8	5.1
Tucson .....	283.7	290.0	12.0	15.3	4.2	5.3
<b>Arkansas</b> .....	1,041.0	1,051.0	93.0	91.0	8.9	8.7
Fayetteville-Springdale .....	52.0	52.8	2.7	2.4	5.2	4.5
Fort Smith .....	81.4	83.9	6.6	6.6	8.1	7.8
Little Rock-North Little Rock .....	242.1	245.8	16.9	15.6	7.0	6.4
Pine Bluff .....	35.6	35.6	3.5	3.3	9.9	9.3
<b>California</b> .....	12,619.0	12,937.0	981.0	931.0	7.8	7.2
Anaheim-Santa Ana .....	1,150.9	1,184.8	54.0	51.6	4.7	4.4
Bakersfield .....	216.0	216.0	26.4	25.1	12.2	11.6
Fresno .....	284.3	285.3	36.6	37.0	12.9	13.0
Los Angeles-Long Beach .....	3,877.0	4,003.0	306.0	282.0	7.9	7.0
Modesto .....	139.4	141.6	22.4	21.6	16.1	15.2
Oakland .....	950.1	972.9	64.8	61.5	6.8	6.3
Oxnard-Ventura .....	295.6	306.0	22.8	22.4	7.7	7.3
Riverside-San Bernardino .....	745.4	778.5	58.8	56.1	7.9	7.2
Sacramento .....	604.4	623.5	49.0	43.8	8.1	7.0
Salinas-Seaside-Monterey .....	143.7	148.3	15.4	15.7	10.7	10.6
San Diego .....	915.4	958.2	54.5	50.8	6.0	5.3
San Francisco .....	855.5	856.1	45.7	41.9	5.3	4.9
San Jose .....	803.9	812.3	42.7	47.5	5.3	5.8
Santa Barbara-Santa Maria-Lompoc .....	166.5	169.0	9.9	9.5	5.9	5.6
Santa Rosa-Petaluma .....	166.5	171.4	10.9	10.3	6.5	6.0
Stockton .....	181.7	184.5	23.9	23.3	13.1	12.6
Vallejo-Fairfield-Napa .....	163.3	167.9	12.5	12.1	7.6	7.2
<b>Colorado</b> .....	1,714.0	1,720.0	97.0	101.0	5.6	5.9
Boulder-Longmont .....	135.2	131.2	5.6	6.7	4.2	5.1
Denver .....	906.4	914.3	43.2	45.3	4.8	5.0
<b>Connecticut</b> .....	1,672.0	1,711.0	77.0	83.0	4.6	4.9
Bridgeport-Milford .....	221.7	227.3	11.6	13.0	5.2	5.7
Hartford .....	395.1	406.6	17.5	18.4	4.4	4.5
New Britain .....	71.1	72.4	4.0	4.0	5.6	5.5
New Haven-Menden .....	259.8	264.8	12.5	12.9	4.8	4.9
Stamford .....	112.3	115.7	3.6	3.9	3.2	3.4
Waterbury .....	101.9	103.8	5.4	6.6	5.3	6.3
<b>Delaware</b> .....	308.0	315.0	19.0	17.0	6.2	5.3
Wilmington .....	( <sup>1</sup> )	277.7	( <sup>1</sup> )	15.1	( <sup>1</sup> )	5.4
<b>District of Columbia</b> .....	321.0	322.0	29.0	27.0	9.0	8.4
Washington .....	1,927.7	1,972.4	80.6	77.0	4.2	3.9
<b>Florida</b> .....	5,140.0	5,338.0	325.0	319.0	6.3	6.0
Daytona Beach .....	123.9	131.2	6.4	6.3	5.2	4.8
Fort Lauderdale-Hollywood-Pompano Beach .....	539.0	560.4	27.2	27.1	5.0	4.8
Fort Myers-Cape Coral .....	107.9	114.3	5.8	5.5	5.3	4.8
Gainesville .....	91.8	94.4	3.5	3.3	3.8	3.4
Jacksonville .....	381.8	400.5	21.7	20.8	5.7	5.2
Lakeland-Winter Haven .....	163.0	167.0	18.6	18.4	11.4	11.0
Melbourne-Titusville-Palm Bay .....	154.0	162.7	7.9	7.6	5.1	4.7
Miami-Hialeah .....	867.9	879.3	67.2	65.7	7.7	7.5
Orlando .....	456.2	482.7	24.4	23.5	5.3	4.9
Pensacola .....	135.0	138.4	8.3	8.2	6.1	5.9
Sarasota .....	98.6	102.5	4.1	4.3	4.2	4.2
Tallahassee .....	106.6	110.5	4.6	4.5	4.3	4.1
Tampa-St. Petersburg-Clearwater .....	839.3	874.2	43.7	43.4	5.2	5.0
West Palm Beach-Boca Raton-Delray Beach .....	330.3	349.1	20.9	21.6	6.3	6.2

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
ANNUAL AVERAGES**

**3. Labor force status by State and selected metropolitan areas—Continued**

(Numbers in thousands)

State and area	Civilian labor force		Unemployed			
			Number		Percent of labor force	
	1984	1985	1984	1985	1984	1985
<b>Georgia</b> .....	2,761.0	2,865.0	166.0	187.0	6.0	6.5
Albany .....	53.0	54.9	4.5	4.9	8.4	8.8
Athens .....	66.5	67.9	3.3	3.9	5.0	5.8
Atlanta .....	1,243.7	1,307.9	59.9	65.4	4.8	5.0
Augusta .....	156.3	163.8	10.1	10.5	6.5	6.4
Columbus .....	93.6	95.9	6.8	7.7	7.2	8.0
Macon-Warner Robins .....	119.4	123.3	7.6	8.8	6.4	7.2
Savannah .....	99.8	102.1	6.9	7.4	6.9	7.2
<b>Hawaii</b> .....	472.0	481.0	27.0	27.0	5.6	5.6
Honolulu .....	357.1	361.8	19.1	18.5	5.3	5.1
<b>Idaho</b> .....	463.0	471.0	33.0	37.0	7.2	7.9
Boise City .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Illinois</b> .....	5,608.0	5,673.0	512.0	513.0	9.1	9.0
Aurora-Elgin .....	164.7	166.1	12.8	13.2	7.8	7.9
Bloomington-Normal .....	61.7	61.1	4.1	3.8	6.6	6.3
Champaign-Urbana-Rantoul .....	80.3	80.8	4.9	4.5	6.1	5.5
Chicago .....	3,023.7	3,098.6	255.0	256.2	8.4	8.3
Davenport-Rock Island-Moline .....	177.8	175.8	20.7	19.5	11.6	11.1
Decatur .....	58.5	58.1	6.1	6.3	10.4	10.8
Joliet .....	184.2	185.5	16.4	15.7	8.9	8.5
Kankakee .....	43.8	44.4	5.3	5.2	12.0	11.6
Lake County .....	244.1	249.6	14.1	14.9	5.8	6.0
Peoria .....	156.4	153.6	17.7	17.0	11.3	11.1
Rockford .....	139.3	142.0	13.1	13.9	9.4	9.8
Springfield .....	101.0	102.3	7.1	6.9	7.0	6.7
<b>Indiana</b> .....	2,621.0	2,735.0	226.0	215.0	8.6	7.9
Anderson .....	59.2	61.3	4.6	4.5	7.8	7.3
Elkhart-Goshen .....	83.8	87.9	5.1	5.5	6.1	6.3
Evansville .....	139.4	143.8	11.4	10.9	8.2	7.6
Fort Wayne .....	169.2	182.6	12.6	11.6	7.5	6.3
Gary-Hammond .....	263.5	266.1	38.0	32.5	14.4	12.2
Indianapolis .....	598.7	630.6	42.3	38.7	7.1	6.1
Lafayette .....	62.0	64.2	3.1	3.0	5.0	4.6
Muncie .....	56.9	59.2	4.9	4.9	8.7	8.2
South Bend-Mishawaka .....	118.8	125.2	8.6	8.6	7.3	6.9
Terre Haute .....	59.4	61.0	5.7	5.1	9.6	8.3
<b>Iowa</b> .....	1,412.0	1,416.0	99.0	113.0	7.0	8.0
Cedar Rapids .....	84.0	86.3	6.0	6.2	7.2	7.2
Des Moines .....	201.5	205.2	11.6	13.2	5.7	6.4
Dubuque .....	41.9	42.2	3.6	4.1	8.5	9.7
Iowa City .....	54.0	54.8	1.3	1.7	2.4	3.2
Sioux City .....	56.5	56.6	4.1	4.9	7.3	8.6
Waterloo-Cedar Falls .....	72.3	70.5	8.2	9.7	11.4	13.7
<b>Kansas</b> .....	1,197.0	1,244.0	63.0	62.0	5.2	5.0
Lawrence .....	33.8	36.0	1.5	1.4	4.5	3.9
Topeka .....	83.4	66.3	4.7	4.4	5.6	5.1
Wichita .....	213.8	222.9	13.2	12.8	6.2	5.8
<b>Kentucky</b> .....	1,715.0	1,695.0	160.0	161.0	9.3	9.5
Lexington-Fayette .....	177.8	178.7	8.2	9.3	4.6	5.2
Louisville .....	490.2	490.6	40.3	38.8	8.2	7.9
Owensboro .....	46.0	45.3	4.3	4.6	9.3	10.2
<b>Louisiana</b> .....	1,944.0	1,987.0	195.0	229.0	10.0	11.5
Alexandria .....	56.8	58.5	5.2	5.9	9.1	10.1
Baton Rouge .....	248.8	258.7	21.5	26.9	8.7	10.4
Houma-Thibodaux .....	77.8	79.4	8.7	9.2	11.1	11.5
Lafayette .....	114.5	110.1	9.3	10.1	8.1	9.1
Lake Charles .....	76.4	75.9	11.1	11.4	14.6	15.0
Monroe .....	65.5	67.8	6.0	6.5	9.1	9.6
New Orleans .....	602.0	609.6	54.0	67.0	9.0	11.0
Shreveport .....	164.0	168.7	12.6	15.4	7.7	9.1
<b>Maine</b> .....	551.0	552.0	34.0	30.0	6.1	5.4
Lewiston-Auburn .....	40.6	40.0	3.1	2.8	7.6	7.1
Portland .....	107.4	110.8	4.1	3.4	3.8	3.1
<b>Maryland</b> .....	2,243.0	2,253.0	121.0	103.0	5.4	4.6
Baltimore .....	1,109.7	1,105.6	68.8	58.9	6.2	5.3

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
ANNUAL AVERAGES**

**3. Labor force status by State and selected metropolitan areas—Continued**

(Numbers in thousands)

State and area	Civilian labor force		Unemployed			
			Number		Percent of labor force	
	1984	1985	1984	1985	1984	1985
<b>Massachusetts</b> .....	3,049.0	3,061.0	145.0	121.0	4.8	3.9
Boston .....	1,510.1	1,513.6	61.6	51.1	4.1	3.4
Brockton .....	92.8	95.1	5.0	4.0	5.4	4.2
Fall River .....	77.8	77.2	5.5	5.0	7.1	6.4
Fitchburg-Leominster .....	46.0	46.2	2.7	2.2	5.8	4.7
Lawrence-Haverhill .....	183.8	184.5	10.5	9.0	5.7	4.9
Lowell .....	146.0	150.6	5.9	5.7	4.0	3.8
New Bedford .....	88.4	88.4	6.3	5.7	7.1	6.4
Pittsfield .....	39.8	40.2	2.4	1.7	6.1	4.4
Springfield .....	250.7	247.9	13.6	10.9	5.4	4.4
Worcester .....	201.4	203.9	9.4	7.6	4.6	3.7
<b>Michigan</b> .....	4,347.0	4,352.0	487.0	433.0	11.2	9.9
Ann Arbor .....	144.4	146.4	10.4	9.0	7.2	6.1
Battle Creek .....	63.0	62.9	7.0	6.6	11.1	10.5
Benton Harbor .....	75.8	75.4	8.9	8.4	11.8	11.1
Detroit .....	2,079.0	2,091.1	225.2	191.3	10.8	9.1
Flint .....	201.5	200.9	23.8	24.6	11.8	12.3
Grand Rapids .....	331.9	336.0	30.4	28.9	9.2	8.6
Jackson .....	63.8	62.5	8.0	6.6	12.5	10.6
Kalamazoo .....	109.5	109.7	8.5	7.7	7.8	7.1
Lansing-East Lansing .....	225.7	225.3	22.7	17.1	10.0	7.6
Muskegon .....	67.8	69.3	8.0	8.7	11.8	12.5
Saginaw-Bay City-Midland .....	185.8	180.8	24.4	19.8	13.2	11.0
<b>Minnesota</b> .....	2,229.0	2,234.0	141.0	133.0	6.3	6.0
Duluth .....	106.8	103.8	12.9	11.3	12.0	10.9
Minneapolis-St.Paul .....	1,285.7	1,302.8	61.0	59.1	4.7	4.5
Rochester .....	58.2	58.0	2.7	2.5	4.6	4.3
St. Cloud .....	85.1	85.4	6.6	6.3	7.7	7.4
<b>Mississippi</b> .....	1,074.0	1,121.0	116.0	115.0	10.8	10.3
Jackson .....	175.6	185.9	12.6	12.8	7.2	6.9
<b>Missouri</b> .....	2,373.0	2,472.0	171.0	159.0	7.2	6.4
Kansas City .....	769.1	810.7	41.8	37.4	5.4	4.6
St. Joseph .....	40.8	41.8	3.4	2.9	8.4	6.9
St. Louis .....	1,179.6	1,212.0	95.8	89.7	8.1	7.4
Springfield .....	107.4	113.9	6.1	5.8	5.7	5.1
<b>Montana</b> .....	404.0	405.0	30.0	31.0	7.4	7.7
<b>Nebraska</b> .....	796.0	813.0	35.0	44.0	4.4	5.5
Lincoln .....	113.0	116.2	3.5	4.1	3.1	3.5
Omaha .....	306.0	313.6	15.0	18.1	4.9	5.8
<b>Nevada</b> .....	500.0	509.0	39.0	41.0	7.8	8.0
Las Vegas .....	284.4	291.0	24.1	24.8	8.5	8.5
Reno .....	128.0	129.4	8.0	8.9	6.2	6.8
<b>New Hampshire</b> .....	521.0	537.0	22.0	21.0	4.3	3.9
Manchester .....	78.4	80.6	2.7	2.5	3.4	3.1
Nashua .....	86.1	89.0	2.6	3.2	3.0	3.6
<b>New Jersey</b> .....	3,828.0	3,853.0	236.0	218.0	6.2	5.7
Atlantic City .....	165.6	166.3	15.6	14.1	9.4	8.5
Bergen-Passaic .....	705.4	702.7	40.6	37.5	5.8	5.3
Jersey City .....	268.1	266.4	26.7	25.0	10.0	9.4
Middlesex-Somerset-Hunterdon .....	512.2	522.1	25.3	22.6	4.9	4.3
Monmouth-Ocean .....	428.1	440.4	22.5	20.1	5.3	4.6
Newark .....	966.9	966.0	59.0	56.9	6.1	5.9
Trenton .....	159.0	163.2	8.2	7.6	5.2	4.7
Vineland-Milville-Bridgeton .....	57.8	56.4	7.4	5.9	12.8	10.5
<b>New Mexico</b> .....	629.0	646.0	47.0	57.0	7.5	8.8
Albuquerque .....	233.1	241.1	14.4	16.2	6.2	6.7
Las Cruces .....	47.8	52.2	3.4	4.4	7.0	8.4
Santa Fe .....	57.2	59.1	2.5	3.1	4.4	5.3

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
ANNUAL AVERAGES**

**3. Labor force status by State and selected metropolitan areas—Continued**

(Numbers in thousands)

State and area	Civilian labor force		Unemployed			
			Number		Percent of labor force	
	1984	1985	1984	1985	1984	1985
<b>New York</b> .....	8,090.0	8,308.0	584.0	544.0	7.2	6.5
Albany-Schenectady-Troy .....	395.5	400.1	22.8	21.0	5.8	5.3
Binghamton .....	124.5	126.4	6.7	7.8	5.4	6.1
Buffalo .....	431.1	429.1	37.7	31.4	8.7	7.3
Elmira .....	39.1	39.2	3.1	3.2	7.9	8.3
Glens Falls .....	48.3	49.5	3.5	3.5	7.3	7.0
Nassau-Suffolk .....	1,343.9	1,371.8	71.2	62.2	5.3	4.5
New York .....	3,717.6	3,880.9	302.8	286.4	8.1	7.4
New York City .....	3,083.0	3,232.0	275.0	262.0	8.9	8.1
Orange County .....	116.5	120.5	6.8	6.4	5.8	5.3
Poughkeepsie .....	122.8	124.9	5.3	4.5	4.3	3.6
Rochester .....	479.1	484.8	28.3	25.0	5.9	5.2
Syracuse .....	300.2	306.9	18.0	18.2	6.0	5.9
Utica-Rome .....	134.2	134.0	9.6	10.0	7.1	7.4
<b>North Carolina</b> .....	3,031.0	3,106.0	204.0	167.0	6.7	5.4
Asheville .....	83.3	86.5	5.5	4.2	6.6	4.9
Charlotte-Gastonia-Rock Hill .....	551.3	577.2	31.5	29.1	5.7	5.0
Greensboro-Winston-Salem-High Point .....	476.1	493.3	27.3	21.9	5.7	4.4
Raleigh-Durham .....	339.5	370.5	12.7	10.1	3.7	2.7
<b>North Dakota</b> .....	327.0	336.0	17.0	20.0	5.1	5.9
Bismarck .....	43.8	45.1	2.9	3.2	6.6	7.2
Fargo-Moorhead .....	78.5	80.9	3.1	3.4	4.0	4.2
Grand Forks .....	32.7	34.4	1.2	1.3	3.8	3.7
<b>Ohio</b> .....	5,089.0	5,130.0	480.0	455.0	9.4	8.9
Akron .....	316.5	316.4	30.6	27.9	9.7	8.8
Canton .....	188.1	189.6	19.9	20.0	10.6	10.5
Cincinnati .....	695.9	708.3	57.5	51.0	8.3	7.2
Cleveland .....	923.6	922.1	82.6	76.6	8.9	8.3
Columbus .....	633.5	650.4	49.2	43.7	7.8	6.7
Dayton-Springfield .....	440.1	447.9	35.2	32.3	8.0	7.2
Toledo .....	293.5	295.5	26.2	24.2	8.9	8.2
Youngstown-Warren .....	222.2	220.1	26.3	24.9	11.8	11.3
<b>Oklahoma</b> .....	1,556.0	1,573.0	109.0	112.0	7.0	7.1
Enid .....	32.9	31.9	2.0	2.2	6.2	6.8
Lawton .....	46.2	46.8	2.5	2.3	5.4	5.0
Oklahoma City .....	510.7	514.9	28.8	30.1	5.6	5.8
Tulsa .....	332.7	344.3	22.3	25.0	6.7	7.3
<b>Oregon</b> .....	1,335.0	1,327.0	125.0	117.0	9.4	8.8
Eugene-Springfield .....	132.8	130.3	12.2	11.4	9.2	8.8
Portland .....	600.8	599.6	48.2	44.4	8.0	7.4
Salem .....	120.5	122.4	11.0	10.0	9.1	8.2
<b>Pennsylvania</b> .....	5,479.0	5,519.0	498.0	442.0	9.1	8.0
Allentown-Bethlehem .....	314.4	314.8	27.2	25.3	8.7	8.1
Altoona .....	56.9	57.6	6.3	5.7	11.1	10.0
Beaver County .....	70.7	68.2	10.6	10.2	15.0	14.9
Erie .....	126.3	126.1	12.2	10.9	9.7	8.6
Harrisburg-Lebanon-Carlisle .....	287.9	295.4	17.5	16.6	6.1	5.6
Johnstown .....	96.2	95.2	14.3	12.1	14.8	12.7
Lancaster .....	193.3	198.1	9.4	8.9	4.8	4.5
Philadelphia .....	2,253.9	2,293.0	152.8	135.8	6.8	5.9
Pittsburgh .....	966.5	958.0	109.7	89.6	11.3	9.4
Reading .....	164.6	165.8	11.7	12.1	7.1	7.3
Scranton-Wilkes-Barre .....	333.5	335.4	36.1	32.0	10.8	9.5
Sharon .....	50.7	49.2	6.3	4.8	12.5	9.9
State College .....	54.9	54.4	4.3	4.1	7.9	7.5
Williamsport .....	53.9	54.0	5.8	5.1	10.7	9.4
York .....	199.4	202.4	14.8	13.8	7.4	6.8
<b>Rhode Island</b> .....	490.0	500.0	26.0	25.0	5.3	4.9
Pawtucket-Woonsocket-Attleboro .....	160.7	163.8	9.6	9.1	5.9	5.5
Providence .....	318.3	325.7	16.9	16.0	5.3	4.9
<b>South Carolina</b> .....	1,481.0	1,563.0	105.0	107.0	7.1	6.8
Charleston .....	196.1	207.6	10.5	9.1	5.4	4.4
Columbia .....	199.8	211.7	9.6	7.8	4.8	3.7
Greenville-Spartanburg .....	292.0	307.7	18.0	18.4	6.1	6.0
<b>South Dakota</b> .....	344.0	347.0	15.0	18.0	4.3	5.1
Rapid City .....	37.4	38.0	1.6	2.0	4.3	5.3
Sioux Falls .....	66.7	68.5	2.4	3.1	3.6	4.6

See footnotes at end of table.



**STATE AND AREA LABOR FORCE DATA  
ANNUAL AVERAGES**

**3. Labor force status by State and selected metropolitan areas—Continued**

(Numbers in thousands)

State and area	Civilian labor force		Unemployed			
			Number		Percent of labor force	
	1984	1985	1984	1985	1984	1985
<b>Tennessee</b> .....	2,220.0	2,245.0	190.0	180.0	8.6	8.0
Chattanooga .....	195.5	198.5	15.5	14.4	7.9	7.3
Johnson City-Kingsport-Bristol .....	209.9	210.6	17.2	15.8	8.2	7.5
Knoxville .....	276.5	270.6	24.4	20.5	8.8	7.6
Memphis LMA .....	410.5	417.4	30.1	27.6	7.3	6.6
Nashville .....	468.4	484.4	25.9	22.8	5.5	4.7
<b>Texas</b> .....	7,913.0	8,053.0	469.0	564.0	5.9	7.0
Arlene .....	55.6	56.0	2.6	3.2	4.7	5.7
Amarillo .....	100.7	101.1	4.7	5.9	4.7	5.8
Austin .....	380.1	410.9	11.8	17.2	3.1	4.2
Beaumont-Port Arthur .....	175.8	169.7	20.0	22.8	11.4	13.4
Brazoria .....	80.3	79.6	5.2	6.7	6.4	8.4
Brownsville-Harlingen .....	91.1	91.8	12.4	13.3	13.6	14.5
Bryan-College Station .....	55.9	56.5	2.1	2.7	3.8	4.8
Corpus Christi .....	165.2	166.3	13.8	15.4	8.4	9.2
Dallas .....	1,310.7	1,358.8	46.9	63.5	3.6	4.7
El Paso .....	210.1	214.3	20.4	23.2	9.7	10.8
Fort Worth-Arlington .....	600.3	628.8	24.0	31.5	4.0	5.0
Galveston-Texas City .....	108.8	107.5	9.3	11.1	8.7	10.3
Houston .....	1,654.6	1,650.6	110.9	128.3	6.7	7.8
Killeen-Temple .....	81.5	85.1	4.2	5.9	5.1	6.9
Laredo .....	41.2	42.7	6.8	6.0	16.5	14.0
Longview-Marshall .....	80.0	80.9	6.4	7.8	8.0	9.8
Lubbock .....	110.8	109.4	6.1	6.6	5.5	6.0
McAllen-Edinburg-Mission .....	132.3	137.8	25.0	26.3	18.9	19.1
Midland .....	54.7	53.2	2.4	2.9	4.4	5.4
Odessa .....	61.8	61.7	3.5	3.9	5.7	6.3
San Angelo .....	45.5	44.8	2.0	2.3	4.3	5.2
San Antonio .....	537.7	553.9	26.4	33.2	4.9	6.0
Sherman-Denison .....	46.4	46.5	2.3	3.2	5.0	6.9
Texarkana .....	55.4	56.6	4.0	4.8	7.2	8.5
Tyler .....	74.3	75.2	3.7	5.1	4.9	6.8
Victoria .....	38.4	38.6	2.3	2.6	5.9	6.7
Waco .....	87.2	88.3	4.2	5.2	4.8	5.9
Wichita Falls .....	57.3	56.7	2.9	3.4	5.1	6.0
<b>Utah</b> .....	702.0	730.0	46.0	43.0	6.5	5.9
Provo-Orem .....	89.4	92.6	6.2	6.1	6.9	6.6
Salt Lake City-Ogden .....	460.1	482.5	27.3	25.6	5.9	5.3
<b>Vermont</b> .....	289.0	277.0	14.0	13.0	5.2	4.8
Burlington .....	65.9	68.6	2.5	2.3	3.8	3.4
<b>Virginia</b> .....	2,840.0	2,872.0	143.0	161.0	5.0	5.6
Charlottesville .....	65.8	63.7	2.9	3.2	4.4	5.0
Danville .....	54.6	52.9	4.6	5.5	8.4	10.4
Lynchburg .....	72.4	73.4	3.7	4.7	5.1	6.4
Norfolk-Virginia Beach-Newport News .....	555.8	565.7	25.2	28.4	4.5	5.0
Richmond-Petersburg .....	405.5	407.8	18.2	19.0	4.5	4.6
Roanoke .....	114.1	115.6	5.2	5.6	4.6	4.8
<b>Washington</b> .....	2,054.0	2,105.0	194.0	171.0	9.5	8.1
Seattle .....	881.5	916.8	69.8	60.5	7.9	6.6
<b>West Virginia</b> .....	768.0	765.0	115.0	100.0	15.0	13.0
Charleston .....	119.7	119.7	15.2	12.8	12.7	10.7
Huntington-Ashland .....	131.4	129.3	17.9	15.2	13.7	11.8
Parkersburg-Manetta .....	71.5	72.3	8.5	8.0	11.9	11.1
Wheeling .....	76.5	75.2	11.1	10.0	14.5	13.4
<b>Wisconsin</b> .....	2,390.0	2,374.0	175.0	171.0	7.3	7.2
Appleton-Oshkosh-Neenah .....	153.5	156.1	11.0	10.9	7.2	7.0
Eau Claire .....	65.7	65.8	4.9	4.8	7.5	7.3
Green Bay .....	97.2	97.8	6.6	6.1	6.8	6.2
Janesville-Beloit .....	68.8	68.3	5.5	5.0	6.0	7.3
Kenosha .....	56.9	54.8	4.2	6.3	7.3	11.5
La Crosse .....	50.3	50.3	3.3	3.1	6.6	8.1
Madison .....	198.5	203.5	9.9	8.9	5.0	4.4
Milwaukee .....	713.4	708.2	47.0	45.3	6.6	6.4
Racine .....	84.8	84.2	6.6	7.9	7.8	9.4
Sheboygan .....	52.3	52.3	3.3	3.3	6.3	8.4
Wausau .....	55.8	55.2	4.6	4.6	8.7	8.4
<b>Wyoming</b> .....	255.0	253.0	18.0	18.0	6.3	7.1

<sup>1</sup> Not available.

NOTE: Annual averages for States are obtained directly from the Current Population Survey. Official estimates for North Carolina for 1984 are not derived from the Current Population Survey. Estimates for all sub-state areas except New York City

and Los Angeles-Long Beach are based on administrative statistics adjusted to the statewide totals. See the Explanatory Notes for State and Area Labor Force Data. Area definitions are published annually in the May issue of this publication. Data for 1984-85 have been adjusted to new benchmark levels.

**Area definitions**

State and area	Type of area	Definition
<b>Alabama</b>		
Birmingham .....	MSA	Blount, Jefferson, St. Clair, Shelby, and Walker Counties
Huntsville .....	MSA	Madison County
Mobile .....	MSA	Baldwin and Mobile Counties
Montgomery .....	MSA	Autauga, Elmore, and Montgomery Counties
Tuscaloosa .....	MSA	Tuscaloosa County
<b>Arizona</b>		
Phoenix .....	MSA	Maricopa County
Tucson .....	MSA	Pima County
<b>Arkansas</b>		
Fayetteville-Springdale .....	MSA	Washington County
Fort Smith .....	MSA	Crawford and Sebastian Counties, Ark.; Sequoyah County, Okla.
Little Rock-North Little Rock .....	MSA	Faulkner, Lonoke, Pulaski, and Saline Counties
Pine Bluff .....	MSA	Jefferson County
<b>California</b>		
Anaheim-Santa Ana .....	PMSA	Orange County
Bakersfield .....	MSA	Kern County
Fresno .....	MSA	Fresno County
Los Angeles-Long Beach .....	PMSA	Los Angeles County
Modesto .....	MSA	Stanislaus County
Oakland .....	PMSA	Alameda and Contra Costa Counties
Oxnard-Ventura .....	PMSA	Ventura County
Riverside-San Bernadino .....	PMSA	Riverside and San Bernardino Counties
Sacramento .....	MSA	El Dorado, Placer, Sacramento, and Yolo Counties
Salinas-Seaside-Monterey .....	MSA	Monterey County
San Diego .....	MSA	San Diego County
San Francisco .....	PMSA	Marin, San Francisco, and San Mateo Counties
San Jose .....	PMSA	Santa Clara County
Santa Barbara-Santa Maria-Lompoc .....	MSA	Santa Barbara County
Santa Rosa-Petaluma .....	PMSA	Sonoma County
Stockton .....	MSA	San Joaquin County
Vallejo-Fairfield-Napa .....	PMSA	Napa and Solano Counties
<b>Colorado</b>		
Boulder-Longmont .....	PMSA	Boulder County
Denver .....	PMSA	Adams, Arapahoe, Denver, Douglas, and Jefferson Counties .
<b>Connecticut</b>		
Bridgeport-Milford .....	PMSA	Bridgeport and Shelton cities, and Easton, Fairfield, Monroe, Stratford, and Trumbull towns in Fairfield County; Ansonia, Derby, and Milford cities and Beacon Falls, Oxford, and Seymour towns in New Haven County
Hartford .....	PMSA	Hartford city, and Avon, Bloomfield, Canton, East Granby, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Granby, Manchester, Marlborough, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Barkhamsted and New Hartford towns in Litchfield County; East Haddam town in Middlesex County; Colchester town in New London County; Andover, Bolton, Columbia, Coventry, Ellington, Hebron, Somers, Stafford, Tolland, Vernon, and Willington towns in Tolland County
New Britain .....	PMSA	New Britain city, and Berlin, Plainville, and Southington towns in Hartford County
New Haven-Meriden .....	MSA	Clinton and Killingworth towns in Middlesex County; Meriden, New Haven, and West Haven cities, and Bethany, Branford, Cheshire, East Haven, Guilford, Hamden, Madison, North Branford, North Haven, Orange, Wallingford, and Woodbridge towns in New Haven County
Stamford .....	PMSA	Stamford city, and Darien, Greenwich, and New Canaan towns in Fairfield County
Waterbury .....	MSA	Bethlehem, Thomaston, Watertown, and Woodbury towns in Litchfield County; Waterbury city, Naugatuck borough, and Middlebury, Prospect, Southbury, and Wolcott towns in New Haven County
<b>Delaware</b>		
Wilmington .....	PMSA	New Castle County, Del.; Cecil County, Md.; Salem County, N.J.
<b>District of Columbia</b>		
Washington .....	MSA	District of Columbia; Calvert, Charles, Frederick, Montgomery, and Prince Georges Counties, Md.; Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, Prince William, and Stafford Counties, Va.

**Area definitions—Continued**

State and area	Type of area	Definition
<b>Florida</b>		
Daytona Beach .....	MSA	Volusia County
Fort Lauderdale-Hollywood-Pompano Beach .....	PMSA	Broward County
Fort Myers-Cape Coral .....	MSA	Lee County
Gainesville .....	MSA	Alachua and Bradford Counties
Jacksonville .....	MSA	Clay, Duval, Nassau, and St. Johns Counties
Lakeland-Winter Haven .....	MSA	Polk County
Melbourne-Titusville-Palm Bay .....	MSA	Brevard County
Miami-Hialeah .....	PMSA	Dade County
Orlando .....	MSA	Orange, Osceola, and Seminole Counties
Pensacola .....	MSA	Escambia and Santa Rosa Counties
Sarasota .....	MSA	Sarasota County
Tallahassee .....	MSA	Gadsden and Leon Counties
Tampa-St. Petersburg-Clearwater .....	MSA	Hernando, Hillsborough, Pasco, and Pinellas Counties
West Palm Beach-Boca Raton-Delray Beach .....	MSA	Palm Beach County
<b>Georgia</b>		
Albany .....	MSA	Dougherty and Lee Counties
Athens .....	MSA	Clark, Jackson, Madison, and Oconee Counties
Atlanta .....	MSA	Barrow, Butts, Cherokee, Clayton, Cobb, Coweta, De Kalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Rockdale, Spalding, and Walton Counties
Augusta .....	MSA	Columbia, McDuffie, and Richmond Counties, Ga.; Aiken County, S.C.
Columbus .....	MSA	Chattahoochee and Muscogee Counties, Ga.; Russell County, Ala.
Macon-Warner Robins .....	MSA	Bibb, Houston, Jones, and Peach Counties
Savannah .....	MSA	Chatham and Effingham Counties
<b>Hawaii</b>		
Honolulu .....	MSA	Honolulu County
<b>Idaho</b>		
Boise City .....	MSA	Ada County
<b>Illinois</b>		
Aurora-Elgin .....	PMSA	Kane and Kendall Counties
Bloomington-Normal .....	MSA	McLean County
Champaign-Urbana-Rantoul .....	MSA	Champaign County
Chicago .....	PMSA	Cook, Du Page, and McHenry Counties
Davenport-Rock Island-Moline .....	MSA	Henry and Rock Island Counties, Ill.; Scott County, Iowa
Decatur .....	MSA	Macon County
Joliet .....	PMSA	Grundy and Will Counties
Kankakee .....	MSA	Kankakee County
Lake County .....	PMSA	Lake County
Peoria .....	MSA	Peoria, Tazewell, and Woodford Counties
Rockford .....	MSA	Boone and Winnebago Counties
Springfield .....	MSA	Menard and Sangamon Counties
<b>Indiana</b>		
Anderson .....	MSA	Madison County
Elkhart-Goshen .....	MSA	Elkhart County
Evansville .....	MSA	Posey, Vanderburgh, and Warrick Counties, Ind.; Henderson County, Ky.
Fort Wayne .....	MSA	Allen, DeKalb, and Whitley Counties
Gary-Hammond .....	PMSA	Lake and Porter Counties
Indianapolis .....	MSA	Boone, Hamilton, Hancock, Hendricks, Johnson, Marion, Morgan, and Shelby Counties
Lafayette .....	MSA	Tippecanoe County
Muncie .....	MSA	Delaware County
South Bend-Mishawaka .....	MSA	St. Joseph County
Terre Haute .....	MSA	Clay and Vigo Counties
<b>Iowa</b>		
Cedar Rapids .....	MSA	Linn County
Des Moines .....	MSA	Dallas, Polk, and Warren Counties
Dubuque .....	MSA	Dubuque County
Iowa City .....	MSA	Johnson County
Sioux City .....	MSA	Woodbury County, Iowa; Dakota County, Nebr.
Waterloo-Cedar Falls .....	MSA	Black Hawk and Bremer Counties
<b>Kansas</b>		
Lawrence .....	MSA	Douglas County
Topeka .....	MSA	Shawnee County
Wichita .....	MSA	Butler and Sedgwick Counties
<b>Kentucky</b>		
Lexington-Fayette .....	MSA	Bourbon, Clark, Fayette, Jessamine, Scott, and Woodford Counties
Louisville .....	MSA	Bullitt, Jefferson, Oldham, and Shelby Counties, Ky.; Clark, Floyd, and Harrison Counties, Ind.
Owensboro .....	MSA	Daviess County

Area definitions—Continued

State and area	Type of area	Definition
<b>Louisiana</b>		
Alexandria .....	MSA	Rapides Parish
Baton Rouge .....	MSA	Ascension, East Baton Rouge, Livingston, and West Baton Rouge Parishes
Houma-Thibodaux .....	MSA	Lafourche and Terrebonne Parishes
Lafayette .....	MSA	Lafayette and St. Martin Parishes
Lake Charles .....	MSA	Calcasieu Parish
Monroe .....	MSA	Ouachita Parish
New Orleans .....	MSA	Jefferson, Orleans, St. Bernard, St. Charles, St. John the Baptist, and St. Tammany Parishes
Shreveport .....	MSA	Bossier and Caddo Parishes
<b>Maine</b>		
Lewiston-Auburn .....	MSA	Auburn and Lewiston cities, and Greene, Lisbon, Mechanic Falls, Poland, and Sabattus towns in Androscoggin County
Portland .....	MSA	Portland, South Portland, and Westbrook cities, and Cape Elizabeth, Cumberland, Falmouth, Freeport, Gorham, Gray, North Yarmouth, Raymond, Scarborough, Standish, Windham, and Yarmouth towns in Cumberland County; Buxton, Hollis, and Old Orchard Beach towns in York County
<b>Maryland</b>		
Baltimore .....	MSA	Baltimore city, and Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne's Counties
Baltimore City .....		Baltimore City
Suburban Maryland-D.C. ....		Calvert, Charles, Frederick, Montgomery, and Prince Georges Counties
<b>Massachusetts</b>		
Boston .....	PMSA	Mansfield, Norton, and Raynham towns in Bristol County; Lynn City and Lynnfield, Nahant, and Saugus towns in Essex County; Cambridge, Everett, Malden, Marlborough, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities, and Acton, Arlington, Ashland, Ayer, Bedford, Belmont, Boxborough, Burlington, Carlisle, Concord, Framingham, Groton, Holliston, Hopkinton, Hudson, Lexington, Lincoln, Littleton, Maynard, Natick, North Reading, Reading, Sherborn, Shirley, Stoneham, Stow, Sudbury, Townsend, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Quincy city, and Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxborough, Franklin, Holbrook, Medfield, Medway, Millis, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood, Weymouth, and Wrentham towns in Norfolk County; Carver, Duxbury, Hanover, Hanson, Hingham, Hull, Kingston, Lakeville, Marshfield, Middleborough, Norwell, Pembroke, Plymouth, Plympton, Rockland, and Scituate towns in Plymouth County; Boston, Chelsea, and Revere cities and Winthrop town in Suffolk County; Berlin, Bolton, Harvard, Hopedale, Lancaster, Mendon, Milford, Southborough, and Upton towns in Worcester County
Brockton .....	PMSA	Easton town in Bristol County; Avon town in Norfolk County; Brockton city, and Abington, Bridgewater, East Bridgewater, Halifax, West Bridgewater, and Whitman towns in Plymouth County
Fall River .....	PMSA	Fall River city, and Somerset, Swansea, and Westport towns in Bristol County, Mass.; Little Compton and Tiverton towns in Newport County, R.I.
Fitchburg-Leominster .....	MSA	Ashby town in Middlesex County; Fitchburg and Leominster cities, and Ashburnham, Lunenburg, and Westminster towns in Worcester County
Lawrence-Haverhill .....	PMSA	Haverhill, Lawrence, and Newburyport cities, and Amesbury, Andover, Boxford, Georgetown, Groveland, Merrimac, Methuen, Newbury, North Andover, Salisbury, and West Newbury towns in Essex County, Mass.; Atkinson, Brentwood, Danville, Derry, East Kingston, Hampstead, Kingston, Newton, Plaistow, Salem, Sandown, Seabrook, and Windham towns in Rockingham County, N.H.
Lowell .....	PMSA	Lowell city, and Billerica, Chelmsford, Dracut, Dunstable, Pepperell, Twerksbury, Tyngsborough, and Westford towns in Middlesex County and Peiham town in Hillsborough County
New Bedford .....	MSA	New Bedford city, and Acushnet, Dartmouth, Fairhaven, and Freetown towns in Bristol County; Marion, Mattapoisett, and Rochester towns in Plymouth County
Pittsfield .....	MSA	Pittsfield city, and Cheshire, Dalton, Hinsdale, Lanesborough, Lee, Lenox, Richmond, and Stockbridge towns in Berkshire County
Springfield .....	MSA	Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, East Longmeadow, Hampden, Longmeadow, Ludlow, Monson, Montgomery, Palmer, Russell, Southwick, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Belchertown, Easthampton, Granby, Huntington, Southampton, and South Hadley towns in Hampshire County
Worcester .....	MSA	Worcester city, and Auburn, Barre, Boylston, Brookfield, Charlton, Clinton, Douglas, Dudley, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Paxton, Princeton, Rutland, Shrewsbury, Spencer, Sterling, Sutton, Uxbridge, Webster, Westborough, and West Boylston towns in Worcester County

**Area definitions—Continued**

State and area	Type of area	Definition
<b>Michigan</b>		
Ann Arbor .....	PMSA	Washtenaw County
Battle Creek .....	MSA	Calhoun County
Benton Harbor .....	MSA	Berrien County
Detroit .....	PMSA	Lapeer, Livingston, Macomb, Monroe, Oakland, St. Clair, and Wayne Counties
Flint .....	MSA	Genesee County
Grand Rapids .....	MSA	Kent and Ottawa Counties
Jackson .....	MSA	Jackson County
Kalamazoo .....	MSA	Kalamazoo County
Lansing—East Lansing .....	MSA	Clinton, Eaton, and Ingham Counties
Muskegon .....	MSA	Muskegon County
Saginaw—Bay City—Midland .....	MSA	Bay, Midland, and Saginaw Counties
<b>Minnesota</b>		
Duluth .....	MSA	St. Louis County, Minn.; Douglas County, Wisc.
Minneapolis—St. Paul .....	MSA	Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Washington, and Wright Counties, Minn.; St. Croix County, Wis.
Rochester .....	MSA	Olmsted County
St. Cloud .....	MSA	Benton, Sherburne, and Stearns Counties
<b>Mississippi</b>		
Jackson .....	MSA	Hinds, Madison, and Rankin Counties
<b>Missouri</b>		
Kansas City .....	MSA	Johnson, Leavenworth, Miami, and Wyandotte Counties, Kan.; Cass, Clay, Jackson, Lafayette, Platte, and Ray Counties, Mo.
St. Joseph .....	MSA	Buchanan County
St. Louis .....	MSA	Clinton, Jersey, Madison, Monroe, and St. Clair Counties, Ill.; St. Louis city, and Franklin, Jefferson, St. Charles, and St. Louis Counties, Mo.
Springfield .....	MSA	Christian and Greene Counties
<b>Nebraska</b>		
Lincoln .....	MSA	Lancaster County
Omaha .....	MSA	Douglas, Sarpy, and Washington Counties, Nebr.; Pottawattamie County, Iowa
<b>Nevada</b>		
Las Vegas .....	MSA	Clark County
Reno .....	MSA	Washoe County
<b>New Hampshire</b>		
Manchester .....	MSA	Manchester city, and Bedford, and Goffstown towns in Hillsborough County; Allenstown and Hooksett towns in Merrimack County; Auburn and Candia towns in Rockingham County
Nashua .....	MSA	Nashua city, and Amherst, Brookline, Hollis, Hudson, Litchfield, Merrimack, Milford, Mont Vernon, and Wilton towns in Hillsborough County; Londonderry town in Rockingham County
<b>New Jersey</b>		
Atlantic City .....	MSA	Atlantic and Cape May Counties
Bergen—Passaic .....	PMSA	Bergen and Passaic Counties
Camden .....		Burlington, Camden, and Gloucester Counties
Jersey City .....	PMSA	Hudson County
Middlesex—Somerset—Hunterdon .....	PMSA	Hunterdon, Middlesex, and Somerset Counties
Monmouth—Ocean .....	PMSA	Monmouth and Ocean Counties
Newark .....	PMSA	Essex, Morris, Sussex, and Union Counties
Trenton .....	PMSA	Mercer County
Vineland—Millville—Bridgeton .....	PMSA	Cumberland County
<b>New Mexico</b>		
Albuquerque .....	MSA	Bernalillo County
Las Cruces .....	MSA	Dona Ana County
Sante Fe .....	MSA	Los Alamos and Sante Fe Counties
<b>New York</b>		
Albany—Schenectady—Troy .....	MSA	Albany, Greene, Montgomery, Rensselaer, Saratoga, and Schenectady Counties
Binghamton .....	MSA	Broome and Tioga Counties
Buffalo .....	PMSA	Erie County
Elmira .....	MSA	Chemung County
Glens Falls .....	MSA	Warren and Washington Counties
Monroe County .....		Monroe County
Nassau—Suffolk .....	PMSA	Nassau and Suffolk Counties
New York .....	PMSA	Bronx, Kings, New York, Putnam, Queens, Richmond, Rockland, and Westchester Counties

**Area definitions—Continued**

State and area	Type of area	Definition
<b>New York—Continued</b>		
New York City .....		Bronx, Kings, New York, Queens, and Richmond Counties
Niagara Falls .....	PMSA	Niagara County
Orange County .....	PMSA	Orange County
Poughkeepsie .....	MSA	Dutchess County
Rochester .....	MSA	Livingston, Monroe, Ontario, Orleans, and Wayne Counties
Rockland County .....		Rockland County
Syracuse .....	MSA	Madison, Onondaga, and Oswego Counties
Utica-Rome .....	MSA	Herkimer and Oneida Counties
Westchester County .....		Westchester County
<b>North Carolina</b>		
Asheville .....	MSA	Buncombe County
Charlotte-Gastonia-Rock Hill .....	MSA	Cabarrus, Gaston, Lincoln, Mecklenburg, Rowan, and Union Counties, N.C.; York County, S.C.
Greensboro—Winston-Salem—High Point .....	MSA	Davidson, Davie, Forsyth, Guilford, Randolph, Stokes, and Yadkin Counties
Raleigh-Durham .....	MSA	Durham, Franklin, Orange, and Wake Counties
<b>North Dakota</b>		
Bismarck .....	MSA	Burleigh and Morton Counties
Fargo-Moorhead .....	MSA	Cass County, N.D.; Clay County, Minn.
Grand Forks .....	MSA	Grand Forks County
<b>Ohio</b>		
Akron .....	PMSA	Portage and Summit Counties
Canton .....	MSA	Carroll and Stark Counties
Cincinnati .....	PMSA	Clermont, Hamilton, and Warren Counties, Ohio; Boone, Campbell, and Kenton Counties, Ky.; Dearborn County, Ind.
Cleveland .....	PMSA	Cuyahoga, Geauga, Lake, and Medina Counties
Columbus .....	MSA	Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties
Dayton-Springfield .....	MSA	Clark, Greene, Miami, and Montgomery Counties
Toledo .....	MSA	Fulton, Lucas, and Wood Counties
Youngstown-Warren .....	MSA	Mahoning and Trumbull Counties
<b>Oklahoma</b>		
Enid .....	MSA	Garfield County
Lawton .....	MSA	Comanche County
Oklahoma City .....	MSA	Canadian, Cleveland, Logan, McClain, Oklahoma, and Pottawatomie Counties
Tulsa .....	MSA	Creek, Osage, Rogers, Tulsa, and Wagoner Counties
<b>Oregon</b>		
Eugene-Springfield .....	MSA	Lane County
Portland .....	PMSA	Clackamas, Multnomah, Washington, and Yamhill Counties
Salem .....	MSA	Marion and Polk Counties
<b>Pennsylvania</b>		
Allentown-Bethlehem .....	MSA	Carbon, Lehigh, and Northampton Counties, Pa.; Warren County, N.J.
Altoona .....	MSA	Blair County
Beaver County .....	PMSA	Beaver County
Delaware Valley .....		Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties
Erie .....	MSA	Erie County
Harrisburg-Lebanon-Carlisle .....	MSA	Cumberland, Dauphin, Lebanon, and Perry Counties
Johnstown .....	MSA	Cambria and Somerset Counties
Lancaster .....	MSA	Lancaster County
Philadelphia .....	PMSA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa.; Burlington, Camden, and Gloucester Counties, N.J.
Philadelphia City .....		Philadelphia County
Pittsburgh .....	PMSA	Allegheny, Fayette, Washington, and Westmoreland Counties
Reading .....	MSA	Berks County
Scranton-Wilkes-Barre .....	MSA	Columbia, Lackawanna, Luzerne, Monroe, and Wyoming Counties
Sharon .....	MSA	Mercer County
State College .....	MSA	Centre County
Williamsport .....	MSA	Lycoming County
York .....	MSA	Adams and York Counties
<b>Puerto Rico</b>		
Caguas .....	PMSA	Aguas, Buenas, Caguas, Cayey, Cidra, Gurabo, and San Lorenzo Municipios
Mayaguez .....	MSA	Anasco, Cabo Rojo, Hormigueros, Mayaguez, and San German Municipios
Ponce .....	MSA	Juana Diaz and Ponce Municipios
San Juan .....	PMSA	Barceloneta, Bayamon, Canovanas, Carolina, Catano, Corozal, Dorado, Fajardo, Florida, Guaynabo, Humacao, Juncos, Las Piedras, Loiza, Luquillo, Manati, Naranjito, Rio Grande, San Juan, Toa Alta, Toa Baja, Trujillo Alto, Vega Alta, and Vega Baja Municipios

**Area definitions—Continued**

State and area	Type of area	Definition
<b>Rhode Island</b>		
Pawtucket-Woonsocket-Attleboro .....	PMSA	Central Falls, Pawtucket, and Woonsocket cities, and Burrillville, Cumberland, Lincoln, North Smithfield, and Smithfield towns in Providence County, R.I.; Attleboro city, and North Attleborough, Rehoboth, and Seekonk towns in Bristol County, Mass.; Plainville town in Norfolk County, Mass.; Blackstone and Millville towns in Worcester County, Mass.
Providence .....	PMSA	Barrington, Bristol, and Warren towns in Bristol County; Warwick city, and Coventry, East Greenwich, and West Warwick towns in Kent County; Jamestown town in Newport County; Cranston, East Providence, and Providence cities and Foster, Glocester, Johnston, North Providence, and Scituate towns in Providence County; Exeter, Narragansett, North Kingston, Richmond, and South Kingstown towns in Washington County
<b>South Carolina</b>		
Charleston .....	MSA	Berkeley, Charleston, and Dorchester Counties
Columbia .....	MSA	Lexington and Richland Counties
Greenville-Spartanburg .....	MSA	Greenville, Pickens, and Spartanburg Counties
<b>South Dakota</b>		
Rapid City .....	MSA	Pennington County
Sioux Falls .....	MSA	Minnehaha County
<b>Tennessee</b>		
Chattanooga .....	MSA	Hamilton, Marion, and Sequatchie Counties, Tenn.; Catoosa, Dade, and Walker Counties, Ga.
Johnson City-Kingsport-Bristol .....	MSA	Carter, Hawkins, Sullivan, Unicoi, and Washington Counties, Tenn.; Bristol city, Scott, and Washington Counties, Va.
Knoxville .....	MSA	Anderson, Blount, Grainger, Jefferson, Knox, Sevier, and Union Counties
Memphis .....	MSA	Shelby and Tipton Counties, Tenn.; Crittenden County, Ark.
Nashville .....	MSA	Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, and Wilson Counties
<b>Texas</b>		
Abilene .....	MSA	Taylor County
Amarillo .....	MSA	Potter and Randall Counties
Austin .....	MSA	Hays, Travis, and Williamson Counties
Beaumont-Port Arthur .....	MSA	Hardin, Jefferson, and Orange Counties
Brazoria .....	PMSA	Brazoria County
Brownsville-Harlingen .....	MSA	Cameron County
Bryan-College Station .....	MSA	Brazos County
Corpus Christi .....	MSA	Nueces and San Patricio Counties
Dallas .....	PMSA	Collin, Dallas, Denton, Ellis, Kaufman, and Rockwall Counties
El Paso .....	MSA	El Paso County
Fort Worth-Arlington .....	PMSA	Johnson, Parker, and Tarrant Counties
Galveston-Texas City .....	PMSA	Galveston County
Houston .....	PMSA	Fort Bend, Harris, Liberty, Montgomery, and Waller Counties
Killeen-Temple .....	MSA	Bell and Coryell Counties
Laredo .....	MSA	Webb County
Longview-Marshall .....	MSA	Gregg and Harrison Counties
Lubbock .....	MSA	Lubbock County
McAllen-Edinburg-Mission .....	MSA	Hidalgo County
Midland .....	MSA	Midland County
Odessa .....	MSA	Ector County
San Angelo .....	MSA	Tom Green County
San Antonio .....	MSA	Bexar, Comal, and Guadalupe Counties
Sherman-Denison .....	MSA	Grayson County
Texarkana .....	MSA	Bowie County, Tex.; and Miller County, Ark.
Tyler .....	MSA	Smith County
Victoria .....	MSA	Victoria County
Waco .....	MSA	McLennan County
Wichita Falls .....	MSA	Wichita County
<b>Utah</b>		
Provo-Orem .....	MSA	Utah County
Salt Lake City-Ogden .....	MSA	Davis, Salt Lake, and Weber Counties
<b>Vermont</b>		
Burlington .....	MSA	Burlington, South Burlington, and Winooski cities and Charlotte, Colchester, Essex, Hinesburg, Jericho, Milton, Richmond, St. George, Shelburne, and Williston towns in Chittenden County; Georgia town in Franklin County; Grand Isle and South Hero towns in Grand Isle County
Springfield .....		Athens, Grafton, Londonderry, Rockingham (includes Bellows Falls), Westminster, and Windham towns in Windham County; Andover, Baltimore, Cavendish, Chester, Ludlow, Reading, Springfield, Weathersfield, Weston, West Windsor, and Windsor towns in Windsor County

**Area definitions—Continued**

State and area	Type of area	Definition
<b>Virginia</b>		
Bristol .....		Bristol city, and Scott and Washington Counties
Charlottesville .....	MSA	Charlottesville city and Albemarle, Fluvanna, and Greene Counties
Danville .....	MSA	Danville city and Pittsylvania County
Lynchburg .....	MSA	Lynchburg city, and Amherst and Campbell Counties
Norfolk-Virginia Beach-Newport News .....	MSA	Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach and Williamsburg cities, and Gloucester, James City, and York Counties
Northern Virginia .....		Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, Prince William, and Stafford Counties
Richmond-Petersburg .....	MSA	Colonial Heights, Hopewell, Petersburg, and Richmond cities, and Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George Counties
Roanoke .....	MSA	Roanoke and Salem cities, and Botetourt and Roanoke Counties
<b>Washington</b>		
Seattle .....	PMSA	King and Snohomish Counties
<b>West Virginia</b>		
Charleston .....	MSA	Kanawha and Putnam Counties
Huntington-Ashland .....	MSA	Cabell and Wayne Counties, W. Va.; Boyd, Carter, and Greenup Counties, Ky.; Lawrence County, Ohio
Parkersburg-Marietta .....	MSA	Wood County, W. Va.; Washington County, Ohio
Wheeling .....	MSA	Marshall and Ohio Counties, W. Va.; Belmont County, Ohio
<b>Wisconsin</b>		
Appleton-Oshkosh-Neenah .....	MSA	Calumet, Outagamie, and Winnebago Counties
Eau Claire .....	MSA	Chippewa and Eau Claire Counties
Green Bay .....	MSA	Brown County
Janesville-Beloit .....	MSA	Rock County
Kenosha .....	PMSA	Kenosha County
La Crosse .....	MSA	La Crosse County
Madison .....	MSA	Dane County
Milwaukee .....	PMSA	Milwaukee, Ozaukee, Washington, and Waukesha Counties
Racine .....	PMSA	Racine County
Sheboygan .....	MSA	Sheboygan County
Wausau .....	MSA	Marathon County



# 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 for a sample of about 59,500 households, representing 729 areas in 1,973 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 currently based on payroll reports from a sample of over 200,000 establishments employing over 35 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 the 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 survey 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 worker's sole or primary job. Data from the establishment survey generally refer to average 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 of \$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 their impact on differences in the levels and trends 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 sample surveys of manufacturing and business establishments. The major reasons for 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 the 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. Historical national data are published in *Labor Force Statistics Derived From the Current Population Survey: A Databook*, BLS Bulletin 2096.

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. 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 59,500 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 59,500 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 had made specific efforts to find employment sometime during the prior 4 weeks. Persons who were waiting to be recalled to a job from which they had laid off or were waiting to report to a new job within 30 days need not be looking for work to be classified as unemployed.

*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, Hispanic 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 birth 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.

Persons who worked 35 hours or more during 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 noneconomic 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. Noneconomic reasons include: Labor dispute, bad weather, own illness, vacation, demands of home or 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.

Data on employment "at work" differ from data on total employment because they exclude persons in the zero-hours-worked category, "with a job but not at work." These are persons who were absent from their jobs for the entire week for such reasons as bad weather, vacation, illness, or involvement in a labor dispute.

Employed persons are also categorized into full- and part-time groupings based primarily on their *usual status*. In this context, *full-time workers* are those who (a) worked 35 hours or more during the survey week, (b) worked 1 to 34 hours for economic or noneconomic reasons, but usually work full time, and (c) were with a job but not at work and usually work full time. Similarly, *part-time workers* are those who (a) voluntarily worked 1 to 34 hours during the survey week, (b) worked 1 to 34 hours for economic reasons, but usually work part time, i.e., persons who could only find part-time work; and (c) were with a job but not at work and usually work part time.

Unemployment rates for full- and part-time workers are calculated using the concepts of the *full-* and *part-time labor force* which are based on the type of job—full or part-time—that persons—whether working or unemployed—report that they want. The "full-time labor force" includes all persons working part time but who desire full-time work, that is, working part time for economic reasons. Thus, this category consists of per-

sons on full-time schedules; all persons involuntarily working part time regardless of their usual status; 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. Employed persons with a job but not at work are distributed according to whether they usually work on full-time or voluntary part-time schedules.

*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-5 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.

*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.

*Usual weekly earnings* data are provided from responses to the question "How much does . . . USUAL-*LY* 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 (excluding the incorporated self-employed) who usually work full time on their sole or primary job.

*Median earnings* indicate the value which divides the earnings distribution into two equal parts, one part hav-

ing values above the median and the other having values below the median. The medians as shown in this publication are calculated by linear interpolation of the \$50 centered interval within which each median falls.

Data expressed in constant dollars are deflated by the Consumer Price Index for All Urban Consumers (CPI-U).

*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.

*Poverty areas* are defined as those census tracts in tracted areas, and Minor Civil Division's (MCD's) in untraced areas, in which 20 percent or more of the noninstitutional residents were poor according to the

1980 decennial census. Persons were classified as poor or nonpoor by comparing money income to a series of poverty income thresholds which vary by family size and number of children. 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 Metropolitan Statistical Areas (MSA's) as defined by the Office of Management and Budget (OMB) as of June 30, 1984. These definitions differ from those used in the 1980 decennial census. A detailed discussion of the MSA definitions as well as changes in terminology can be found in "The New Metropolitan Area Definitions" section of the *1980 Census of Population Supplementary Report on Metropolitan Statistical Areas*, PC-S1-18. Nonmetropolitan areas consist of the total territory outside MSA's.

The *urban population*, as defined for the 1980 census, comprises all persons living in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, the urban population consists of all persons living in (1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those persons living in the rural portions of extended cities; (2) other territories, incorporated and unincorporated, included in urbanized areas. The population not classified as urban constitutes the rural population.

## 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 existed 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 “Revisions in the Current Population Survey 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 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 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 were only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and vir-

tually no differences in estimates of participation rates.

Beginning in January 1985, most of the steps of the CPS estimation procedure—the noninterview adjustment, the first and second-stage ratio adjustments, and the composite estimator—were revised. These procedures are described in the Estimating Methods section. A description of the changes and an indication of their effect on national estimates of labor force characteristics appear in “Changes in Estimation Procedure in the Current Population Survey Beginning in January 1985” in the February 1985 issue of this publication. Overall, the revisions had only a slight effect on most estimates. The greatest impact was on estimates of persons of Hispanic origin. Major estimates were revised back to January 1980.

Beginning in January 1986, the population controls used in the second-stage ratio adjustment methodology were revised to reflect an explicit estimate of the number of undocumented immigrants (largely Hispanic) since 1980 and an improved estimate of the number of legal foreign-born emigrants for the same time period. As a result, the total civilian population and labor force estimates were raised by nearly 400,000; civilian employment was increased by about 350,000. The Hispanic-origin civilian population and labor force estimates were raised by about 425,000 and 305,000, respectively, and civilian employment by 270,000. Overall and subgroup unemployment levels and rates were not significantly affected. Because of the magnitude of the adjustments for Hispanics, data have been revised back to January 1980 to the extent possible. An explanation of the changes and their effect on estimates of labor force characteristics appears in “Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986” in the February 1986 issue of this publication.

### **Changes in the occupational and industrial classification systems**

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 system 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. In October 1978 a coverage improvement sample, composed of approximately 450 sample household units which represented 237,000 occupied mobile homes and 600,000 new construction housing units, was included in computing the estimates in order to provide coverage of mobile homes and new construction units that previously had no chance for selection in the CPS sample selected from the 1970 census frame. 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.

Beginning in 1985, a new State-based CPS sample was selected based on 1980 census information rather than 1970 census information. The selection of new sample areas provided an opportunity to improve the efficiency of the sample design. Sample areas chosen to replace incoming sample areas account for only 10 percent of the national estimate. The new CPS sample has resulted in increased reliability for State estimates with a slightly reduced sample size. The reliability of national estimates is unaffected. Sample households are chosen from 729 sample areas, which represent 1,973 geographic areas in the United States. This current number of sample areas is not completely comparable to the old number of sample areas since many of the sample areas have been redefined. (See pp. 7-10 of the May 1984 issue of *Employment and Earnings*, for an overview of these new definitions and the introduction of the new sample.)

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 by the inverse of the probability of the person being in the sample. This gives a rough measure of the number of actual persons that the sample person represents. Beginning in 1985, almost all sample persons within the same State will have the same probability of selection. These estimates are then adjusted for noninterviews, 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 respondents for other reasons. This noninterview adjustment is made separately by combinations of similar sample areas that are not necessarily contained within a State. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each combination of sample areas there is a further breakdown by residence. MSA sample areas are categorized by central city and the balance of the MSA. Residence categories of non-MSA areas are urban and rural. The proportion of sample households not interviewed varies from 4 to 5 percent, depending on weather, vacation, 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 729 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 adjustment is made at the State level for each of the 43 States which contains nonsample areas by race cells of black and non-black. The procedure corrects for differences that existed in each cell at the time of the 1980 census between the race distribution of the population in sample areas and the known race distribution of the State.

**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	330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	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 Dec. 1984	629	57,800	2,500	11,000
Jan. 1985 to present	729	57,000	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.

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 under-coverage relative to the decennial census, is carried out in three 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. The second step involves an adjustment by Hispanic origin to a national estimate for 8 age-sex categories by Hispanic and non-Hispanic. In the third step, a national adjustment is made by the race categories of white, black, and other races to independent estimates by age and sex. The white and black categories contain 32 age-sex groups each while the other races category has 6 age-sex cells. 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-origin categories will be virtually equal to the independent population control totals. This second-stage adjustment procedure incorporates changes instituted in January 1985. The nature and effect of these changes are discussed in detail in "Changes in Estimation Procedure in the Current Population Survey Beginning in January 1985" in the February 1985 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 is available upon request from the Chief of the Population Division, U.S. Bureau of the Census, Washington, D.C. 20233.

Prior to January 1985, there was no separate control for Hispanics in the second-stage ratio procedure. These Hispanic controls are prepared by carrying forward the 1980 census count for Hispanics by adding estimated Hispanic births and immigrants and subtracting estimated Hispanic deaths and emigrants to yield an estimate of the Hispanic population by age and sex.

During the period from January 1982 to December 1984, the "inflation-deflation" method was temporarily discontinued in the preparation of the independent national controls used for the age-sex-race groups in the third step of the second-stage ratio estimation procedure. These controls were prepared by carrying forward the 1980 census data after taking account of subsequent aging of the population, births, deaths, and net migration and then subtracting the estimate for the institutional population and Armed Forces. Beginning in January 1985, the "inflation-deflation" method of deriving independent population controls was reintroduced into the CPS estimation procedure. With the "inflation-deflation" method, the independent controls are prepared by inflating the 1980 census counts to include estimated undercounts by age, sex and race, aging this population forward to each subsequent month and later age by adding births and net migration, and subtracting deaths. These post-censal population estimates are then deflated to census level to reflect the pattern of net undercount in the most recent census by age, sex, and race. Because an estimate of undercount is first added and then subtracted, the size of each race-sex group is unaffected by the "inflation-deflation" method. Similarly, the final estimate is affected only by the age structure of the undercount, but not the level. This feature of the method is important since the exact amount of undercount in the 1980 census remains unknown.

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.

Beginning in January 1986, two changes were introduced into the estimation of the independent population controls. For the first time, an explicit allowance for net undocumented immigration since April 1, 1980 (the census date) was added to the estimated level of legal immigration. In addition, an increase in the estimate of emigration of legal foreign-born residents has been incorporated into the postcensal population estimates since 1980. The nature and effect of these changes are discussed in detail in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of *Employment and Earnings*.

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. Also included is an additional term which is an estimate of the net difference between incoming and continuing parts of the current month's sample. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of level 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 represent 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 6 percent. It is known that the CPS undercoverage varies with age, sex, race and Hispanic origin. Generally, undercoverage is larger for men than for women, and larger for blacks, Hispanics and other

racers combined than for whites. Ratio estimation to independent age-sex-race-origin 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-origin 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 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 error 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 are 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 are 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 table 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 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.

**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 . . . . .	252	193
Employed . . . . .	270	205
Unemployed . . . . .	137	138
Men, 20 years and over:		
Civilian labor force . . . . .	152	131
Employed . . . . .	167	146
Unemployed . . . . .	96	96
Women, 20 years and over:		
Civilian labor force . . . . .	190	143
Employed . . . . .	190	147
Unemployed . . . . .	83	86
Both sexes, 16 to 19 years:		
Civilian labor force . . . . .	83	90
Employed . . . . .	86	97
Unemployed . . . . .	58	64
Black, 16 years and over:		
Civilian labor force . . . . .	87	66
Employed . . . . .	95	71
Unemployed . . . . .	66	69
Men, 20 years and over:		
Civilian labor force . . . . .	50	44
Employed . . . . .	57	51
Unemployed . . . . .	45	48
Women, 20 years and over:		
Civilian labor force . . . . .	67	47
Employed . . . . .	67	49
Unemployed . . . . .	43	46
Both sexes, 16 to 19 years:		
Civilian labor force . . . . .	32	37
Employed . . . . .	27	31
Unemployed . . . . .	30	32

*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.

**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) . . . . .	0.12	0.12	<b>Occupation—Continued</b>		
Men, 20 years and over . . . . .	.16	.16	Precision production, craft, and repair . . . . .	0.38	0.42
Women, 20 years and over . . . . .	.18	.19	Machine operators, assemblers, and inspectors . . . . .	.52	.59
Both sexes, 16 to 19 years . . . . .	.66	.78	Transportation and material moving . . . . .	.68	.78
White workers . . . . .	.12	.13	Handlers, equipment cleaners, helpers, and laborers . . . . .	.80	.93
Black workers . . . . .	.55	.58	Farming, forestry, and fishing . . . . .	.88	1.01
Married men, spouse present . . . . .	.16	.17	<b>Industry</b>		
Married women, spouse present . . . . .	.22	.23	Nonagricultural private wage and salary workers . . . . .	.14	.15
Full-time workers . . . . .	.13	.13	Mining . . . . .	1.47	1.68
Part-time workers . . . . .	.34	.42	Construction . . . . .	.71	.81
Unemployed 15 weeks and over . . . . .	.07	.09	Manufacturing . . . . .	.28	.31
<b>Occupation</b>			Durable goods . . . . .	.35	.39
Executive, administrative, and managerial . . . . .	.25	.28	Nondurable goods . . . . .	.44	.50
Professional specialty . . . . .	.20	.23	Transportation, communications, and public utilities . . . . .	.43	.48
Technicians and related support . . . . .	.49	.55	Wholesale and retail trade . . . . .	.28	.31
Sales . . . . .	.31	.35	Finance and services . . . . .	.22	.24
Administrative support, including clerical . . . . .	.26	.29	Government workers . . . . .	.25	.28
Private household . . . . .	1.28	1.45	Agricultural wage and salary workers . . . . .	1.29	1.50
Protective service . . . . .	.80	.90			
Service, except private household and protective . . . . .	.41	.46			

**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.

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 percentage 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 in different 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 table 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 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	89	-
4,000 .....	70	82	88	-	99	78	85	-
8,000 .....	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	.68	.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	2.06	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	0.89	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	65
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	196	-	224	-
40,000 .....	273	286	-	236	201	174	-	242	-
50,000 .....	296	301	-	-	-	-	-	-	-
75,000 .....	331	304	-	-	-	-	-	-	-
100,000 .....	343	255	-	-	-	-	-	-	-

# Establishment Data (Tables B-1 through C-8)

## COLLECTION

Payroll reports provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments, by industry and geographic location. Historical statistics are published in *Employment, Hours, and Earnings, United States, 1909-84*, and *Employment Hours and Earnings, States and Areas, 1939-82* and their annual supplements.

### 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. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence Agency and the National Security Agency 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.

*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.

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 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 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 as 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 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.

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

Employment, hours, and earnings	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry level (division and, where stratified, industry)
<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-employees 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.
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.
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.
Average weekly earnings .....	Product of average weekly hours and average hourly earnings.	Product of 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.
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.
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 of aggregate payrolls divided by annual aggregate hours.
Average weekly earnings .....	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.

<sup>1</sup> The estimates are computed by multiplying the above product by bias adjustment factors, which compensate for the underrepresentation of newly formed enterprises and other sources of bias in the sample.

<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.

Since overtime hours are premium hours by definition, 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 average 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. 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. 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 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 are 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 hours.** The indexes of aggregate weekly 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. At all higher levels of industry aggregation, hour 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 employment over the specified time span. The indexes are calculated from 185 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, bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past benchmark comparisons. Beginning with data for April 1983, these factors are modified by changes in the sample link relatives for the most recent quarter. 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 benchmarks (comprehensive counts of employment) for the various nonagricultural industries and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1984 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 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 1984 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

**Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1984**

Industry	Benchmark	Estimate	Percent difference
Total .....	92,587,000	92,234,000	0.4
Mining .....	952,000	967,000	-1.6
Construction .....	3,914,000	3,794,000	3.1
Manufacturing .....	19,151,000	19,323,000	-9
Transportation and public utilities .....	5,063,000	5,055,000	.2
Wholesale trade .....	5,447,000	5,421,000	.5
Retail trade .....	15,891,000	15,629,000	1.6
Finance, insurance, and real estate .....	5,588,000	5,565,000	.4
Services .....	20,365,000	20,276,000	.4
Government .....	16,216,000	16,204,000	.1

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, 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 Current 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

**Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1984<sup>1</sup>**

Industry	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	221,700	36,946,000	40
Mining	3,400	376,000	39
Construction	21,500	827,000	21
Manufacturing	50,600	10,571,000	55
Transportation and public utilities	10,500	2,377,000	47
Wholesale trade	19,200	909,000	17
Retail trade	35,900	2,875,000	18
Finance, insurance and real estate	15,900	2,101,000	38
Services	41,900	4,838,000	24
Government:			
Federal <sup>2</sup>	5,100	2,779,000	100
State	4,000	3,121,000	82
Local	13,700	6,172,000	64

<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 5,100 reports covering about 64 percent of employment in Federal establishments.

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

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

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.

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

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

(In percent)

Industry	Average benchmark revision in estimates of employment <sup>1</sup>	Relative errors <sup>2</sup>	
		Average weekly hours	Average hourly earnings
Total	0.2	-	-
Total private	.3	0.1	0.2
Mining	2.4	1.0	1.3
Construction	1.6	.2	.5
Manufacturing	.6	.1	.2
Durable goods	.6	.1	.3
Nondurable goods	.5	.1	.2
Transportation and public utilities	.2	.7	.6
Wholesale trade	.2	.2	.4
Retail trade	1.4	.2	.4
Finance, insurance, and real estate	.2	.2	.4
Services	.4	.4	.6
Government <sup>3</sup>	.3	-	-

<sup>1</sup> The average percent revision in employment for the 1980-84 benchmarks.

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

<sup>3</sup> Estimates for government are based on a total count for Federal Government provided by the Office of Personnel Management and a sample of State and local government reports.



**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.

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

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

Industry	Root mean square error of-		Industry	Root mean square error of-	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Total .....	117,300	109,000	Nondurable goods—Continued		
Total private <sup>1</sup> .....	65,400	58,600	Chemicals and allied products	2,700	2,500
Goods-producing .....	38,900	34,000	Petroleum and coal products	1,600	1,500
Mining .....	5,400	5,200	Rubber and misc. plastics products	2,600	2,500
Oil and gas extraction <sup>1</sup> .....	4,800	4,500	Leather and leather products	2,700	2,600
Construction .....	21,300	17,400	Service-producing industries	100,300	95,800
General building contractors <sup>1</sup> .....	8,400	5,500	Transportation and public utilities	15,100	15,200
Manufacturing .....	32,100	29,200	Transportation <sup>1</sup> .....	19,700	19,500
Durable goods .....	23,300	21,100	Communication and public utilities <sup>1</sup> .....	5,000	4,800
Lumber and wood products .....	3,900	3,400	Wholesale trade <sup>1</sup> .....	8,200	8,000
Furniture and fixtures .....	3,000	2,300	Durable goods <sup>1</sup> .....	5,300	5,000
Stone, clay, and glass products .....	2,600	2,400	Nondurable goods <sup>1</sup> .....	5,000	4,800
Primary metal industries .....	6,400	6,300	Retail trade <sup>1</sup> .....	30,900	31,100
Blast furnaces and basic steel products <sup>1</sup> .....	5,500	5,300	General merchandise stores <sup>1</sup> .....	19,000	18,600
Fabricated metal products .....	4,700	4,000	Food stores <sup>1</sup> .....	6,800	5,800
Machinery, except electrical .....	8,700	7,900	Automotive dealers and service stations <sup>1</sup> .....	3,200	2,700
Electrical and electronic equipment .....	6,200	6,400	Eating and drinking places <sup>1</sup> .....	20,900	18,800
Transportation equipment .....	12,600	11,100	Finance, insurance, and real estate	9,400	8,300
Motor vehicles and equipment <sup>1</sup> .....	10,200	10,100	Finance <sup>1</sup> .....	4,300	3,500
Instruments and related products .....	2,200	2,200	Insurance <sup>1</sup> .....	2,900	2,200
Miscellaneous manufacturing .....	2,000	2,000	Real estate <sup>1</sup> .....	5,500	4,500
Nondurable goods .....	13,300	13,300	Services .....	34,600	28,200
Food and kindred products .....	8,800	8,800	Business services <sup>1</sup> .....	13,400	11,300
Tobacco manufactures .....	1,500	1,400	Health services <sup>1</sup> .....	11,300	10,800
Textile mill products .....	2,700	2,700	Government .....	69,900	64,600
Apparel and other textile products .....	6,400	6,100	Federal .....	17,600	16,200
Paper and allied products .....	2,100	1,800	State <sup>1</sup> .....	26,000	25,000
Printing and publishing .....	2,200	2,400	Local <sup>1</sup> .....	41,800	39,100

<sup>1</sup> Data are based on differences from January 1981 through December 1984; all other data reflect differences from January 1979 through December 1984.

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 11 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 adjustment factors are 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 adjustment 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 1985, new seasonal adjustment factors to be used to

## Productivity Data (Tables C-9 through C-11)

### COLLECTION

Productivity data 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.

### CONCEPTS

*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* include 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 housing, 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. Historical statistics for most productivity measures appear in *Trends in Multifactor Productivity, 1948-81*, BLS Bulletin 2178. Additional information may be obtained from the Office of Productivity and Technology (202 523-9261).

## State and Area Labor Force 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 Partnership Act and the Public Works and Economic Development Act.

Annual average data for the States and areas shown in table D are published in *Employment and Earnings*

(usually the May issue). For regions, States, selected metropolitan areas, and central cities, annual average data classified by selected demographic, social, and economic characteristics are published in the BLS bulletin, *Geographic Profile of Employment and Unemployment*.

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.

## ESTIMATING METHODS

The civilian labor force and unemployment estimates in 11 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, North Carolina, 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 39 States, the District of Columbia, and 253 labor market areas are prepared in several stages. The civilian 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 civilian 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 residence 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 civilian 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 the experienced unemployed; (c) the level of the experienced labor force; and (d) the 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 civilian 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 39 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 11 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 sub-state LMA estimates to ensure that the sub-state estimates of employment and unemployment add to the independent State totals. In California and New York, which also have sub-state 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 39 States and the District of Columbia for which monthly CPS estimates are not

calculate the civilian unemployment rate for the first 6 months of 1986, and a description of the current seasonal adjustment methodology are published in the January 1986 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1981-85 revision period for a broader range of labor force series are published in the February 1986 issue of this publication.

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 year's estimates are based on actual data through March 1985 and projected data through March 1986. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series since June 1981.

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 nonsuper-

visory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, wholesale trade, retail 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.

Beginning in June 1983, seasonal adjustment factors for Federal Government employment are derived from unadjusted data which include Christmas temporary workers employed by the Postal Service. In earlier years the number of these workers was 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 adjustment factors were based. In the past several years, the number of these workers has decreased to the point where their presence has no impact on seasonal adjustment. Temporary census takers for the 1980 decennial census are removed prior to the calculation of seasonal adjustment factors for Federal Government employment.

The revised seasonally adjusted series for the establishment data reflect experience through March 1985. Seasonal adjustment factors to be used for current adjustment appear in the June 1985 issue of *Employment and Earnings*.

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