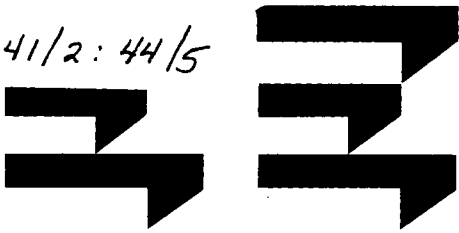


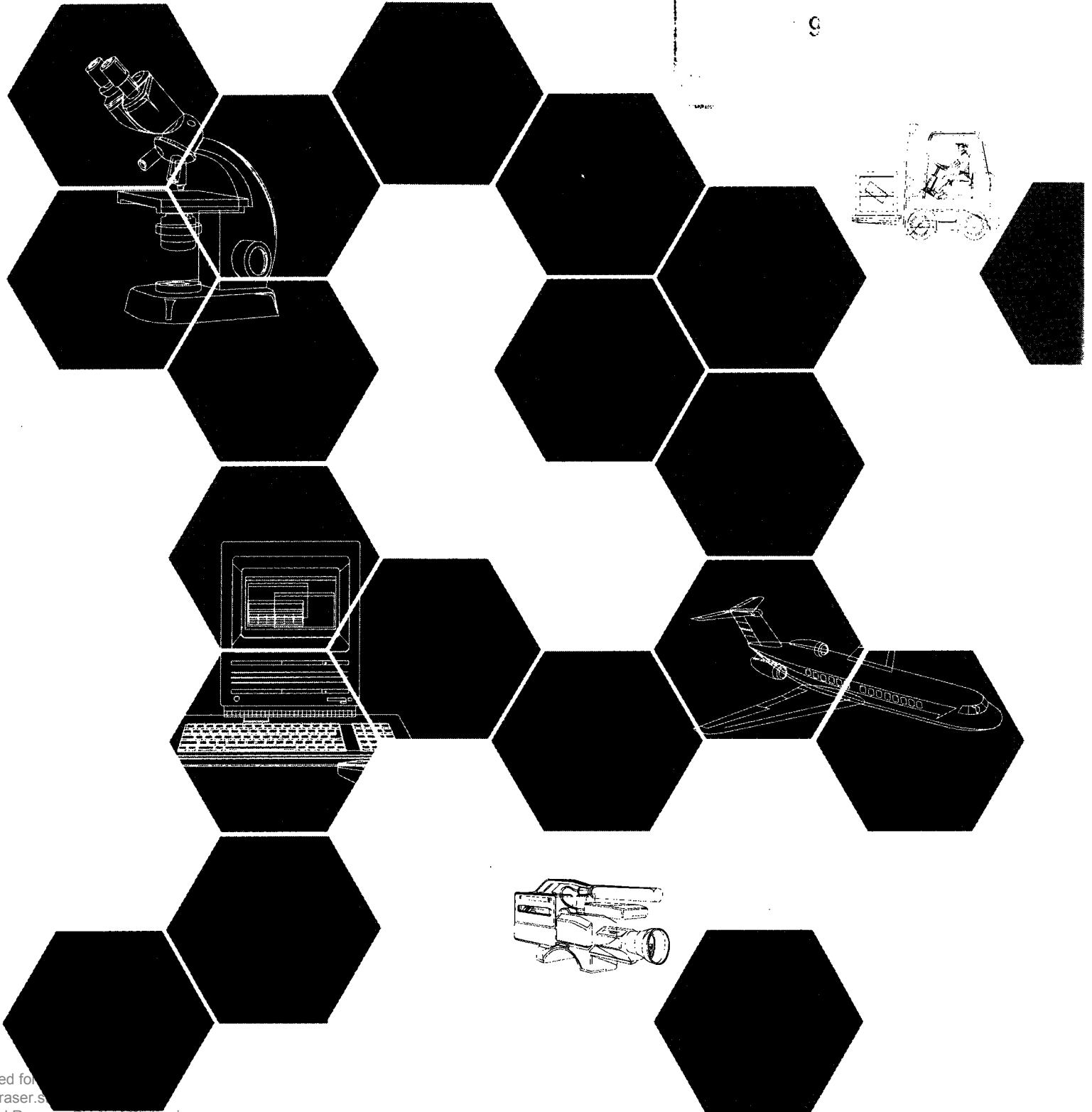
L 2.41/2: 44/5



# EMPLOYMENT AND EARNINGS

In this issue: State and area annual averages  
Area definitions

U.S. Department of Labor  
Bureau of Labor Statistics  
May 1997





**U.S. DEPARTMENT OF LABOR**  
Alexis M. Herman, *Secretary*

BUREAU OF LABOR STATISTICS  
Katharine G. Abraham, *Commissioner*

E&E—*Employment and Earnings* (ISSN 0013-6840), is prepared in the Office of Employment and Unemployment Statistics in collaboration with the Office of Publications and Special Studies. 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 and Estimates of Error. The State agencies are listed on the inside back cover.

*Employment and Earnings* may be ordered from: New Orders, Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954. Phone (202) 512-1800. Subscription price per year \$35 domestic and \$43.75 foreign. Single copy \$13 domestic and \$16.25 foreign. Prices are subject to change by the U.S. Government Printing Office.

Correspondence concerning subscriptions, including address changes and missing issues, should be sent to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Phone (202) 512-2303. POSTMASTER: Send address changes to *Employment and Earnings*, U.S. Government Printing Office, Washington, DC 20402.

Communications on material in this publication should be addressed to: Editors, *Employment and Earnings*, Bureau of Labor Statistics, Washington, DC 20212. Specific questions concerning the data in this publication should be directed as follows: Household data, (202) 606-6373 or 6378; national establishment data, 606-6555; State and area establishment data, 606-6559; and State and area labor force data, 606-6392.

Second class postage paid at Washington, DC, and at additional mailing addresses.

Information in this publication will be made available to sensory impaired individuals upon request. Voice phone (202) 606-STAT; TDD phone: (202) 606-5897; TDD message referral phone: 1-800-326-2577.

Material in this publication is in the public domain and, with appropriate credit, may be reproduced without permission.

**May 1997**  
**Vol. 44 No. 5**

**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.
Earnings by detailed occupation	Jan.
Employee absences	Jan.
Revised seasonally adjusted series	Jan.
Quarterly averages: Seasonally adjusted data, persons of Hispanic origin, Vietnam-era veterans and nonveterans, and weekly earnings data	Jan., Apr., July, Oct.

**Establishment data**

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

**State and area labor force data**

Annual revisions	March
Annual averages	May

<sup>1</sup> The most recent publication was issued in August 1996 as *Employment, Hours, and Earnings, United States, 1988-96*, BLS Bulletin 2481, and is available from: New orders, U.S. Superintendent of Documents, P. O. Box 371954, Pittsburgh, PA 15250-7954, at \$35 a copy, GPO Stock Number 029-001-03260-9. These data also are available on the Internet.

# Employment and Earnings

Editors: Gloria Peterson Green, Eugene H. Becker

## Contents

	<i>Page</i>
List of statistical tables .....	ii
Contents to the explanatory notes and estimates of error .....	iv
Employment and unemployment developments, April 1997 .....	1
Revisions in State establishment-based employment estimates effective January 1997 .....	3
Summary tables and charts .....	6
Area definitions .....	168
Explanatory notes and estimates of error .....	175
Index to statistical tables .....	212

## Statistical tables

Source	Historical	Seasonally adjusted	Not seasonally adjusted	Other features
Household data .....	8	10	19	
<b>Establishment data:</b>				
<b>Employment:</b>				
National .....	43	47	64	
State .....		52	77	
Area .....			77	
<b>Hours and earnings:</b>				
National .....	44	60	96	
State and area .....			119	
<b>Local area labor force data:</b>				
Region .....		124		
State .....		126	131	
Area .....			131	
<b>State and area data:</b>				
<b>Annual averages:</b>				
<b>Establishment data:</b>				
Employment .....				138
Hours and earnings .....				156
Labor force data .....				160

# Monthly Household Data

Page

## Historical

A-1. Employment status of the civilian noninstitutional population 16 years and over, 1963 to date .....	8
A-2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1986 to date .....	9

## Seasonally Adjusted Data

### Employment Status

A-3. Employment status of the civilian noninstitutional population by sex and age .....	10
A-4. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin .....	11
A-5. Employed and unemployed full- and part-time workers by sex and age .....	13

### Characteristics of the Employed

A-6. Employed persons by marital status, occupation, class of worker, and part-time status .....	14
A-7. Employed persons by age and sex .....	15

### Characteristics of the Unemployed

A-8. Unemployed persons by age and sex .....	15
A-9. Unemployment rates by age and sex .....	16
A-10. Unemployment rates by occupation, industry, and selected demographic characteristics .....	17
A-11. Unemployed persons by reason for unemployment .....	18
A-12. Unemployed persons by duration of unemployment .....	18

## Not Seasonally Adjusted Data

### Employment Status

A-13. Employment status of the civilian noninstitutional population by age, sex, and race .....	19
A-14. Employment status of the civilian noninstitutional population by race, sex, and age .....	22
A-15. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, educational attainment, sex, race, and Hispanic origin .....	23
A-16. Employed and unemployed full- and part-time workers by age, sex, and race .....	25

### Characteristics of the Employed

A-17. Employed persons by occupation, sex, and age .....	26
A-18. Employed persons by occupation, race, and sex .....	27
A-19. Employed persons by industry and occupation .....	28
A-20. Employed persons in agriculture and nonagricultural industries by age, sex, and class of worker .....	29
A-21. Persons at work in agriculture and nonagricultural industries by hours of work .....	30
A-22. Persons at work 1 to 34 hours in all and nonagricultural industries by reason for working less than 35 hours and usual full- or part-time status .....	30
A-23. Persons at work in nonagricultural industries by class of worker and usual full- or part-time status .....	31
A-24. Persons at work in nonagricultural industries by age, sex, race, marital status, and usual full- or part-time status ..	32
A-25. Persons at work in nonfarm occupations by sex and usual full- or part-time status .....	33

### Characteristics of the Unemployed

A-26. Unemployed persons by marital status, race, age, and sex .....	34
A-27. Unemployed persons by occupation and sex .....	35
A-28. Unemployed persons by industry and sex .....	36
A-29. Unemployed persons by reason for unemployment, sex, age, and race .....	37
A-30. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment .....	38
A-31. Unemployed total and full-time workers by duration of unemployment .....	38
A-32. Unemployed persons by age, sex, race, marital status, and duration of unemployment .....	39
A-33. Unemployed persons by occupation, industry, and duration of unemployment .....	40

### Persons Not in the Labor Force

A-34. Persons not in the labor force by desire and availability for work, age, and sex .....	40
--	----

### Multiple Jobholders

A-35. Multiple jobholders by selected demographic and economic characteristics .....	41
--	----

### Vietnam-era Veterans and Nonveterans

A-36. Employment status of male Vietnam-era veterans and nonveterans by age .....	41
---	----

# Monthly Establishment Data

Page

## Historical

B-1. Employees on nonfarm payrolls by major industry, 1947 to date .....	43
B-2. Average hours and earnings of production or nonsupervisory workers on private nonfarm payrolls by major industry, 1964 to date .....	44

## Seasonally Adjusted Data

### Employment

#### National

B-3. Employees on nonfarm payrolls by major industry and selected component groups .....	47
B-4. Women employees on nonfarm payrolls by major industry and manufacturing group .....	49
B-5. Production or nonsupervisory workers on private nonfarm payrolls by major industry and manufacturing group .....	50
B-6. Diffusion indexes of employment change .....	51

#### States

B-7. Employees on nonfarm payrolls by State and major industry .....	52
--	----

### Hours and Earnings

#### National

B-8. Average weekly hours of production or nonsupervisory workers on private nonfarm payrolls by major industry and manufacturing group .....	60
B-9. Indexes of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls by major industry and manufacturing group .....	61
B-10. Hours of wage and salary workers on nonfarm payrolls by major industry .....	62
B-11. Average hourly and weekly earnings of production or nonsupervisory workers on private nonfarm payrolls by major industry .....	63

## Not Seasonally Adjusted Data

### Employment

#### National

B-12. Employees on nonfarm payrolls by detailed industry .....	64
B-13. Women employees on nonfarm payrolls by major industry and manufacturing group .....	76

#### States and Areas

B-14. Employees on nonfarm payrolls in States and selected areas by major industry .....	77
--	----

### Hours and Earnings

#### National

B-15. Average hours and earnings of production or nonsupervisory workers on private nonfarm payrolls by detailed industry .....	96
B-15a. Average hourly earnings in aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing .....	116
B-16. Average hourly earnings, excluding overtime, of production workers on manufacturing payrolls .....	117
B-17. Average hourly and weekly earnings of production or nonsupervisory workers on private nonfarm payrolls by major industry, in current and constant (1982) dollars .....	118

#### States and Areas

B-18. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas .....	119
---	-----

## Monthly Regional, State, and Area Labor Force Data

### Seasonally Adjusted Data

C-1. Employment status of the civilian population for census regions and divisions .....	124
C-2. Labor force status by State .....	126

### Not Seasonally Adjusted Data

C-3. Labor force status by State and selected metropolitan areas .....	131
--	-----

# Explanatory Notes and Estimates of Error

	<i>Page</i>		<i>Page</i>
Introduction .....	175	Establishment data—Continued	
Relation between the household and establishment series .....	175	Estimating methods .....	198
Comparability of household data with other series .....	176	Benchmarks .....	198
Comparability of payroll employment data with		Monthly estimation .....	198
other series .....	176	Stratification .....	198
		Link relative technique .....	198
		Bias adjustment .....	198
		Summary of methods table .....	199
Household data .....	177	The sample .....	200
Collection and coverage .....	177	Design .....	200
Concepts and definitions .....	177	Coverage .....	201
Historical comparability .....	180	Reliability .....	201
Changes in concepts and methods .....	180	Measures of error tables .....	201
Noncomparability of labor force levels .....	181	Benchmark revision as a measure of survey error .....	201
Changes in the occupational and industrial		Estimated standard errors for employment, hours,	
classification systems .....	183	and earnings .....	202
Sampling .....	183	Standard errors for differences between industries	
Selection of sample areas .....	184	and times .....	202
Selection of sample households .....	184	Noneconomic code changes .....	202
Rotation of sample .....	185	Revisions between preliminary and final data .....	205
CPS sample, 1947 to present .....	185	Statistics for States and areas .....	205
Estimating methods .....	186		
Noninterview adjustment .....	186	Region, State, and area labor force data .....	208
Ratio estimates .....	186	Federal-State cooperative program .....	208
First stage .....	186	Estimating methods .....	208
Second stage .....	186	Estimates for States .....	208
Composite estimation procedure .....	186	Current monthly estimates .....	208
Rounding of estimates .....	187	Benchmark correction procedures .....	208
Reliability of the estimates .....	187	Estimates for sub-State areas .....	209
Nonsampling error .....	187	Preliminary estimate:	
Sampling error (Revised effective Jan. 1996) .....	187	Employment .....	209
Tables 1-B through 1-H .....	188	Unemployment .....	209
		Sub-State adjustment for additivity .....	209
		Benchmark correction .....	209
Establishment data .....	195	Seasonal adjustment .....	210
Collection .....	195		
Concepts .....	195		

# Employment and Unemployment Developments, April 1997

Unemployment declined in April, and nonfarm payroll employment rose modestly. The Nation's jobless rate fell from 5.2 to 4.9 percent. The number of payroll jobs rose by 142,000 in April, and average hourly earnings edged down by 1 cent.

## Unemployment

The number of unemployed persons declined by 430,000 to 6.7 million, and the unemployment rate fell by 0.3 percentage point to 4.9 percent in April, after seasonal adjustment. All of the major demographic groups contributed to the improvement. The jobless rate for adult women decreased by 0.3 point to 4.4 percent, the rate for blacks fell by 0.9 point to 9.8 percent, and the rate for whites dropped by 0.3 point to 4.2 percent. (See tables A-3 and A-4.)

Among the unemployed, the number of persons in the newly jobless category—those who had been looking for work fewer than 5 weeks—declined in April, as did the number who had been looking for work for 5 to 14 weeks. The number of unemployed persons who had lost their job and did not expect to be recalled also decreased over the month. (See tables A-11 and A-12.)

## Total employment and the labor force

Total employment was about unchanged in April, following a substantial gain in March. The proportion of the population with jobs (the employment-population ratio) remained at 63.8 percent, the highest level since the series began. (See table A-3.)

Approximately 7.9 million persons (not seasonally adjusted) held more than one job in April, comprising 6.1 percent of all employed persons. (See table A-35.)

Both the civilian labor force, 136.1 million persons (seasonally adjusted), and the labor force participation rate, 67.2 percent, were essentially unchanged in April. The labor force has shown substantial growth since the beginning of last year. (See table A-3.)

## Persons not in the labor force

About 1.5 million persons (not seasonally adjusted) were marginally attached to the labor force in April—that is, they wanted and were available for work, and had looked for jobs sometime in the prior 12 months. The number of discouraged workers—a subset of the marginally attached who were not currently looking for jobs specifically because they believed no jobs were available for them or there were none

for which they would qualify—was 379,000 in April. (See table A-34.)

## Industry payroll employment

Total nonfarm payroll employment rose by 142,000 in April to 121.6 million, after seasonal adjustment. Job gains in many of the service-producing industries were offset somewhat by declines in construction and manufacturing. (See table B-3.)

The services industry added 93,000 jobs in April, in line with the average monthly change for the past year. Health services and engineering and management services recorded strong increases of 34,000 and 29,000, respectively. Social services had a relatively large job gain for the second month in a row. In contrast, business services added only 19,000 jobs, as continued expansion in computer and data processing employment was partly offset by a small decline in help supply services. Job growth in help supply services has been both slow and sporadic since August. Employment in amusement and recreation services declined in April, reflecting, in part, slow seasonal hiring due to unusually cold weather during the survey reference period.

In April, job growth continued in finance and real estate; insurance also posted a gain. Strong job growth continued in transportation and communications for the fourth consecutive month. Retail trade added 32,000 jobs in April, somewhat below the average monthly gain of the past year. An employment increase of 46,000 in eating and drinking places offset a loss of similar magnitude in March. Employment in general merchandise stores declined in April, following a large increase in the prior month. Employment in wholesale trade was unchanged in April after 2 months of growth.

Government employment rose by 32,000 in April. The noneducation component of local government increased by 19,000, following 2 months without growth. Federal employment, which was unchanged over the month, has declined by 275,000 since the most recent peak in May 1992.

Construction employment fell by 44,000 in April (after seasonal adjustment); it had declined by 25,000 in March. Unfavorable weather in both months contributed to this weakness. In contrast, the industry had a substantial employment gain in February, when the weather was much warmer than normal.

Manufacturing employment declined by 14,000 in April, following a gain of 75,000 over the prior 6 months. Motor

vehicles and equipment lost 13,000 jobs in April, mostly due to temporary shutdowns for inventory control and a strike of 3,500 workers. Employment growth continued in industrial machinery, fabricated metals, and aircraft; gains in these three industries totaled 14,000 over the month and 102,000 over the past year.

### Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls fell by 0.3 hour in April, to 34.6 hours, seasonally adjusted. The manufacturing workweek edged up by 0.1 hour to 42.2 hours, matching its post-World War II high reached in January 1995. Factory overtime edged up to 5.0 hours, the highest level since the series began in 1956. (See table B-8.)

Reflecting the decline in the average workweek, the index of aggregate weekly hours of private production or nonsupervisory workers on nonfarm payrolls dropped by 0.8 percent to 139.6 (1982=100) in April, on a seasonally adjusted basis. The manufacturing index, in contrast, edged up by 0.2 percent to 107.6. (See table B-9.)

### Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers edged down 1 cent in April to \$12.14, seasonally adjusted, following gains totaling 11 cents in the first quarter. Average weekly earnings were down 0.9 percent to \$420.04 in April. Over the past year, average hourly earnings have increased by 3.6 percent and average weekly earnings by 4.5 percent. (See table B-11.)

## Revisions in the Establishment Survey Data

The Employment Situation news release of May data in June will introduce revisions in the establishment-based series on nonfarm payroll employment, hours, and earnings to reflect the regular annual benchmark adjustments for March 1996 and updated seasonal adjustment factors.

This year's benchmark process affects all unadjusted series from April 1995 forward. In addition, the unadjusted data from January 1988 forward for selected series in the transportation and public utilities division will be revised to reflect industry coding changes for a group of employers within the airline and trucking industries. These recomputations will have a slight effect on higher level aggregate series, including total nonfarm employment.

All seasonally adjusted series will be revised from January 1988 forward to incorporate an updated version of the X-12 ARIMA seasonal adjustment software. Seasonal adjustment factors for March through October 1997 will be available on May 30, 1 week prior to the release of the May estimates, on the Internet (<http://stats.bls.gov:80/ceshome.htm>) or by calling (202) 606-6555.

### 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



# Revisions in State Establishment-Based Employment Estimates Effective January 1997

Guy L. Podgornik

With the release of estimates for January 1997, data on nonfarm payroll employment, hours, and earnings for States and areas (tables B-7, B-14, and B-18) were revised to reflect the incorporation of March 1996 benchmarks and the recomputation of seasonal adjustment factors (State estimates). These revisions affected all unadjusted data from April 1995 and the seasonally adjusted State estimates back to January 1992.

Detailed information on the total or disaggregated effect of the benchmark on the employment estimates was not available, however, at the time the revisions were introduced. This article provides some background on benchmarking methods, some detailed information on the effects of the March 1996 benchmark revisions, and some historical perspective.

## Benchmark methods

The Current Employment Statistics (CES), or establishment survey, provides employment, hours, and earnings estimates for States and areas on a timely basis by estimating the number of jobs in the universe (population) using a sample of that universe. As in other sample surveys, estimates in the CES are subject to both sampling and nonsampling error. Sampling error is an unavoidable byproduct of forming an inference about a population based on a sample. The larger and more representative the sample is, relative to the population, the smaller the sampling error. The sample-to-population ratio will necessarily vary across States and industries. Nonsampling error is not unique to sample surveys, as it includes errors in reporting and processing.

To help control potential survey error, the estimates are benchmarked annually to universe employment counts derived from the administrative files of firms whose employment are covered by unemployment insurance (UI). In general, the original sample-based estimates from April of the previous year to March of the benchmark year are replaced by benchmark levels each year. In the current 1996 benchmark, for example, the estimates from April 1995 to March 1996 were replaced with UI-based universe counts. Once the new level for March 1996 had been determined, the estimates for April 1996 forward were recalculated by

applying the appropriate sample links to the new level. These links may differ slightly from those used to derive the original estimates, because they may account for late reporters. This process was completed, and the revised data were released with the January 1997 estimates.

Recent improvements in the receipt of UI data and in the standardization of State operations have enabled most States to replace estimates with UI data beyond March of the benchmark year. This use of more current UI data should reduce the error associated with the next March benchmark revision. In the March 1996 benchmark, 27 States used third quarter 1996 UI data (i.e., through September 1996) in their benchmarking, while 23 States and the District of Columbia used second quarter 1996 UI data (i.e., through June 1996). Recalculated sample links were then applied to these new levels for months after the replacement quarter.

## Benchmark revisions

The percentage differences between the original March 1996 sample-based estimates and the revised March 1996 benchmarked levels are commonly used to report the magnitude of the revisions. The average absolute percentage revision for State total nonfarm estimates was 0.5 percent for March 1996, the same value as last year which was a 10-year low. The range of the percentage revisions for the States, at the total nonfarm level, was -3.0 percent to 1.7 percent. Among the major industry divisions, manufacturing had the lowest average absolute revision, 1.0 percent, followed by services and government at 1.1 percent each. Mining had the highest revision, 3.3 percent, followed by construction, 2.8 percent (table 1).

The direction of the revisions indicates whether the March 1996 benchmark levels were greater or less than the original sample-based estimates. Historically, States have underestimated March employment levels during periods of economic growth and overestimated these levels during periods of economic decline. In the March 1991 benchmark, which best represents the 1990-91 recession, 41 States and the District of Columbia overestimated employment levels and, therefore, revised downward. The current benchmark revisions indicate that while there was employment growth over the year in 49 States, it was not as strong as the States first reported. Thirty States revised total nonfarm employment downward, and 2 States had virtually no revisions to total nonfarm employment in March 1996 (table 2).

---

Guy L. Podgornik is an economist in the Division of Monthly Industry Employment Statistics, Bureau of Labor Statistics.

**Table 1. Differences between State employment estimates and benchmarks by industry, March 1991-96**

Industry	1991	1992	1993	1994	1995	1996
	Average absolute percentage differences					
Total nonfarm .....	1.2	0.7	0.7	0.8	0.5	0.5
Mining .....	4.3	5.9	5.3	4.7	6.0	3.3
Construction .....	5.8	3.6	4.8	4.1	3.1	2.8
Manufacturing .....	1.2	1.3	1.1	1.2	1.3	1.0
Transportation and public utilities .....	1.6	1.4	1.7	2.1	1.6	1.4
Wholesale and retail trade .....	1.6	1.1	1.0	1.2	1.0	1.3
Finance, insurance, and real estate .....	1.2	1.3	1.3	2.1	1.7	1.4
Services .....	2.0	1.6	1.5	1.4	1.3	1.1
Government .....	.9	.9	.6	.7	1.0	1.1
	Average percentage revisions					
Total nonfarm:						
Range .....	-3.8 : .9	-2.0 : 2.1	-.7 : 2.0	-1.0 : 2.5	-1.7 : 1.5	-3.0 : 1.7
Mean .....	-1.1	.4	.5	.6	.4	-.2
Standard deviation .....	1.1	.8	.7	.9	.9	.7

NOTE: The range indicates the lowest and highest percentage revision at the total nonfarm level. The mean is the sum of all the items in a series divided by the number of items. The standard deviation is a widely used measure of dispersion. It measures the extent to which the individual items in a series are scattered about the mean of the series and indicates the reliability of the mean. For example, the March 1996 standard deviation (.7) is low, relative to March 1991 (1.1). This is an indica-

tion that there is higher variation among State total nonfarm revisions in March 1991 (i.e., the mean is less representative of the group) than in March 1996 (i.e., the mean is more representative of the group). The standard deviation is found by taking the difference of each item in a series from the mean of the series, squaring each difference, summing the squared differences, dividing the result by the number of items, and obtaining the square root of that figure.

**Seasonal adjustment**

Coincident with the benchmark adjustments, seasonally adjusted employment data by State and major industry division were revised back to 1992 to incorporate updated seasonal adjustment factors. BLS uses a two-step seasonal adjustment process for adjusting State nonfarm payroll employment estimates. This process uses UI seasonal trends to adjust the benchmark historical data, but incorporates sample seasonal trends to adjust the current sample-based estimates in the post-benchmark months. By accounting for the differing seasonal patterns of the benchmark data and the sample-based estimates, this technique yields an improved seasonally adjusted series for analyzing over-the-month employment change. Revised seasonally adjusted nonfarm payroll employment data for all States and the District of Columbia for the 1992-96 period appeared in the March 1997 issue of this publication. Data for the most recent 13 months are regularly shown in table B-7.

**Additional information**

State and area annual averages for 1994-96 by major industry are published in the May issue of this publication, along with a detailed listing of the area definitions. Historical State and area employment, hours, and earnings data are now available on the Internet. The address is <http://stats.bls.gov>. Users may access the data via Anonymous FTP, Series Report, or Selective Access at this address. Any questions on how to access the data through the Internet should be directed to (202) 606-7351. Inquiries for additional information on the methods or estimates derived from the CES survey should be sent to: U.S. Bureau of Labor Statistics, Room 4860, 2 Massachusetts Avenue NE, Washington, DC 20212-0001. The telephone number is (202) 606-6559; Fax (202) 606-6644.

**Table 2. Percent differences between nonfarm payroll employment benchmarks and estimates by State, March 1991-96**

State	1991	1992	1993	1994	1995	1996
Alabama .....	-0.3	0.9	0.4	0.6	1.1	0.1
Alaska .....	.6	1.0	.2	.7	-1.0	( <sup>1</sup> )
Arizona .....	-1.3	.2	.7	2.5	1.5	1.7
Arkansas .....	-1.3	-.1	.3	1.1	-.2	-.1
California .....	-2.6	-1.2	.3	1.4	1.0	.3
Colorado .....	-.6	1.0	1.7	1.5	1.2	-.8
Connecticut .....	-3.1	.4	1.9	.1	1.4	-.3
Delaware .....	( <sup>1</sup> )	-.5	-.7	-.3	1.1	-.2
District of Columbia .....	-1.3	.8	-.7	-.8	-.6	-.4
Florida .....	-1.3	1.1	1.3	.4	( <sup>1</sup> )	.2
Georgia .....	-.7	.4	.6	.2	( <sup>1</sup> )	-.5
Hawaii .....	.7	.1	.8	.6	.1	.5
Idaho .....	-1.1	.6	.5	-.6	-1.0	-.6
Illinois .....	-1.0	( <sup>1</sup> )	1.0	.8	.6	-.6
Indiana .....	-.9	.2	1.2	2.4	.7	-.1
Iowa .....	-.3	.1	.5	.2	.5	-.1
Kansas .....	-.7	-.6	-.6	-.1	( <sup>1</sup> )	-.7
Kentucky .....	-2.0	.7	.1	1.9	.4	( <sup>1</sup> )
Louisiana .....	-1.1	-.7	1.1	2.5	-1.7	-.3
Maine .....	-1.7	-2.0	-.3	.5	( <sup>1</sup> )	-.7
Maryland .....	-3.0	.7	.6	1.0	.9	.2
Massachusetts .....	-1.2	.1	1.2	-1.0	.2	-.1
Michigan .....	( <sup>1</sup> )	.7	.5	1.0	.3	.8
Minnesota .....	.3	.7	.3	( <sup>1</sup> )	.4	.4
Mississippi .....	-.8	.6	.3	1.7	1.3	.4
Missouri .....	-1.0	1.0	.9	.1	-1.0	-.3
Montana .....	-.3	2.1	-.7	.2	-.2	.2
Nebraska .....	-3.0	.9	.6	2.2	.1	.9
Nevada .....	-1.3	-1.8	-.1	1.8	.6	-1.3
New Hampshire .....	-1.9	1.4	.5	.1	-.1	.2
New Jersey .....	-2.5	.6	1.5	-.2	( <sup>1</sup> )	-.2
New Mexico .....	.2	1.1	2.0	.9	.3	-3.0
New York .....	-1.8	( <sup>1</sup> )	( <sup>1</sup> )	-.2	.5	-.3
North Carolina .....	-1.7	.5	.3	.1	.2	.3
North Dakota .....	-.5	-.2	.3	( <sup>1</sup> )	-.2	-.6
Ohio .....	-1.7	1.2	.1	2.1	.7	-.4
Oklahoma .....	.9	1.2	1.3	1.0	.6	.2
Oregon .....	-1.3	-.3	.8	.5	-.6	-.2
Pennsylvania .....	-1.3	.5	.1	.3	.4	.1
Rhode Island .....	-3.8	( <sup>1</sup> )	.5	-.4	1.0	-1.4
South Carolina .....	-2.2	1.0	-.2	.1	.4	.1
South Dakota .....	-.6	1.1	.5	.8	-.1	-2.0
Tennessee .....	-.6	1.7	1.8	1.0	.4	-.8
Texas .....	.5	-.3	-.2	-.1	( <sup>1</sup> )	-.5
Utah .....	-.3	.3	.4	-.1	.4	-.3
Vermont .....	-2.1	1.3	.8	1.1	.2	-.3
Virginia .....	-1.1	.4	1.2	-.4	-.1	.1
Washington .....	-1.6	.9	( <sup>1</sup> )	( <sup>1</sup> )	-.4	.3
West Virginia .....	-.6	.4	-.4	-.3	.1	-.2
Wisconsin .....	-.1	.7	.6	.8	.9	.5
Wyoming .....	.7	.1	1.0	1.3	.3	-1.1

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

**Summary table A. Major labor force status categories, seasonally adjusted**

(Numbers in thousands)

Category	1996										1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
<b>Labor force status</b>														
Civilian noninstitutional population .....	200,101	200,278	200,459	200,641	200,847	201,061	201,273	201,463	201,636	202,285	202,389	202,513	202,674	
Civilian labor force .....	133,427	133,759	133,709	134,165	133,898	134,291	134,636	134,831	135,022	135,848	135,634	136,319	136,098	
Percent of population .....	66.7	66.8	66.7	66.9	66.7	66.8	66.9	66.9	67.0	67.2	67.0	67.3	67.2	
Employed .....	126,125	126,428	126,590	126,889	126,988	127,248	127,817	127,644	127,855	128,580	128,430	129,175	129,384	
Percent of population .....	63.0	63.1	63.2	63.2	63.2	63.3	63.4	63.4	63.4	63.8	63.5	63.8	63.8	
Unemployed .....	7,302	7,331	7,119	7,276	6,910	7,043	7,019	7,187	7,167	7,268	7,205	7,144	6,714	
Not in labor force .....	66,674	66,519	66,750	66,476	66,949	66,770	66,637	66,632	66,814	66,437	66,754	66,194	66,577	
<b>Unemployment rates</b>														
All workers .....	5.5	5.5	5.3	5.4	5.2	5.2	5.2	5.3	5.3	5.4	5.3	5.2	4.9	
Men, 20 years and over .....	4.8	4.7	4.6	4.6	4.2	4.5	4.4	4.4	4.4	4.6	4.4	4.4	4.2	
Women, 20 years and over .....	4.7	4.9	4.7	4.9	4.7	4.6	4.7	4.8	4.9	4.6	4.7	4.7	4.4	
Both sexes, 16 to 19 years .....	16.8	16.8	16.2	16.7	17.0	16.0	16.3	16.8	16.5	17.0	17.5	16.4	15.4	
White .....	4.8	4.8	4.6	4.7	4.5	4.5	4.5	4.6	4.6	4.6	4.5	4.5	4.2	
Black .....	10.5	10.3	10.2	10.5	10.4	10.7	10.7	10.6	10.5	10.8	11.3	10.7	9.8	
Hispanic origin .....	9.5	9.2	8.8	8.9	8.8	8.3	8.2	8.3	7.7	8.3	8.1	8.6	6.1	

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**Summary table B. Employment, hours, and earnings of production or nonsupervisory workers on nonfarm payrolls, seasonally adjusted**

(Numbers in thousands)

Industry	1996										1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	Apr. <sup>P</sup>	
<b>Employment</b>														
Total .....	118,922	119,332	119,537	119,772	120,052	120,050	120,311	120,492	120,723	120,982	121,296	121,435	121,577	
Total private .....	99,527	99,873	100,091	100,288	100,448	100,531	100,803	100,995	101,199	101,438	101,719	101,885	101,995	
Goods-producing industries .....	24,209	24,283	24,274	24,264	24,298	24,257	24,284	24,319	24,356	24,399	24,508	24,499	24,442	
Mining .....	573	578	575	570	570	587	588	586	566	568	570	569	570	
Construction .....	5,353	5,364	5,401	5,427	5,437	5,449	5,484	5,491	5,520	5,535	5,639	5,614	5,570	
Manufacturing .....	18,283	18,303	18,298	18,287	18,291	18,241	18,254	18,282	18,270	18,298	18,299	18,318	18,302	
Service-producing industries .....	84,713	85,089	85,263	85,508	85,754	85,793	86,027	86,173	86,387	86,583	86,788	86,936	87,135	
Transportation and public utilities .....	6,294	6,309	6,329	6,333	6,342	6,337	6,338	6,350	6,340	6,376	6,403	6,416	6,434	
Wholesale trade .....	6,550	6,587	6,575	6,585	6,603	6,619	6,643	6,651	6,655	6,662	6,690	6,709	6,710	
Retail trade .....	21,415	21,485	21,586	21,671	21,672	21,702	21,803	21,857	21,931	21,922	21,940	21,993	22,025	
Finance, insurance, and real estate .....	6,942	6,964	6,967	6,987	6,999	7,009	7,026	7,036	7,052	7,062	7,077	7,095	7,118	
Services .....	34,117	34,285	34,378	34,448	34,532	34,607	34,709	34,780	34,865	35,015	35,101	35,173	35,266	
Government .....	19,395	19,459	19,446	19,484	19,806	19,519	19,508	19,497	19,524	19,544	19,577	19,550	19,582	
<b>Over-the-month change</b>														
Total .....	172	410	205	235	280	-2	261	181	231	259	314	139	142	
Total private .....	171	346	218	197	158	65	272	192	204	239	281	186	110	
Goods-producing industries .....	13	54	11	-10	34	-41	27	35	37	43	109	-9	-57	
Mining .....	-1	3	-1	-5	0	-3	-1	0	2	2	2	-1	1	
Construction .....	12	31	17	28	10	12	15	27	29	15	104	-25	-44	
Manufacturing .....	2	20	-5	-31	24	-50	13	8	8	26	3	17	-14	
Service-producing industries .....	159	356	194	245	246	39	234	146	194	218	205	148	189	
Transportation and public utilities .....	2	15	20	4	9	-5	1	12	-10	38	25	13	18	
Wholesale trade .....	2	17	8	10	18	16	24	6	4	7	28	19	1	
Retail trade .....	85	70	83	103	1	30	101	54	74	-9	18	53	32	
Finance, insurance, and real estate .....	11	22	3	20	12	10	17	12	14	10	15	16	23	
Services .....	78	188	93	70	84	75	102	71	85	150	86	72	93	
Government .....	1	84	-13	38	122	-87	-11	-11	27	20	33	-27	32	
<b>Hours of work<sup>1</sup></b>														
Total private .....	34.3	34.2	34.7	34.2	34.4	34.7	34.3	34.8	34.8	34.2	34.9	34.9	34.6	
Manufacturing .....	41.5	41.7	41.8	41.6	41.7	41.7	41.7	41.7	42.0	41.7	41.9	42.1	42.2	
Overtime .....	4.6	4.6	4.6	4.4	4.5	4.5	4.4	4.5	4.6	4.7	4.7	4.9	5.0	
<b>Indexes of aggregate weekly hours (1982=100)<sup>1</sup></b>														
Total private .....	135.2	135.3	137.7	136.1	136.9	138.0	137.1	138.2	139.3	137.1	140.7	140.7	139.6	
Manufacturing .....	105.7	108.2	106.5	105.8	106.3	105.9	105.9	106.1	106.8	106.1	106.9	107.4	107.6	
<b>Earnings<sup>1</sup></b>														
Average hourly earnings, total private:														
Current dollars .....	\$11.72	\$11.74	\$11.83	\$11.81	\$11.87	\$11.91	\$11.90	\$11.99	\$12.04	\$12.05	\$12.10	\$12.15	\$12.14	
Constant (1982) dollars <sup>2</sup> .....	7.40	7.40	7.45	7.42	7.45	7.45	7.41	7.45	7.46	7.46	7.47	7.50	N.A.	
Average weekly earnings, total private .....	402.00	401.51	410.50	403.90	408.33	413.28	408.17	414.85	418.99	412.11	422.29	424.04	\$420.04	

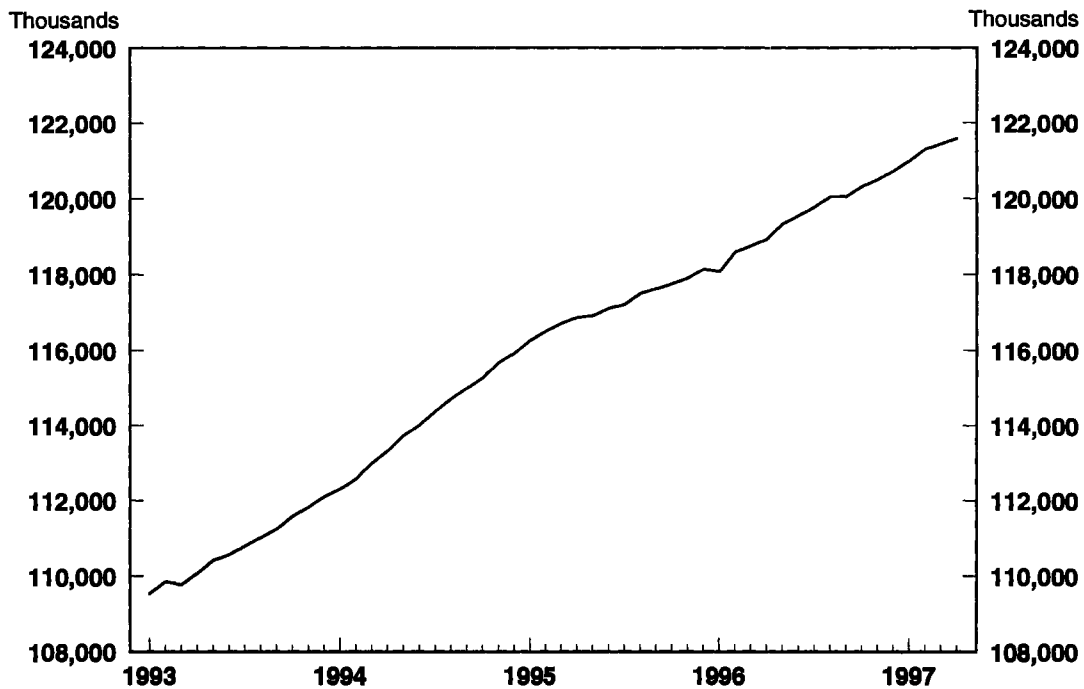
<sup>1</sup> Data relate to private production or nonsupervisory workers.

N.A. = not available.

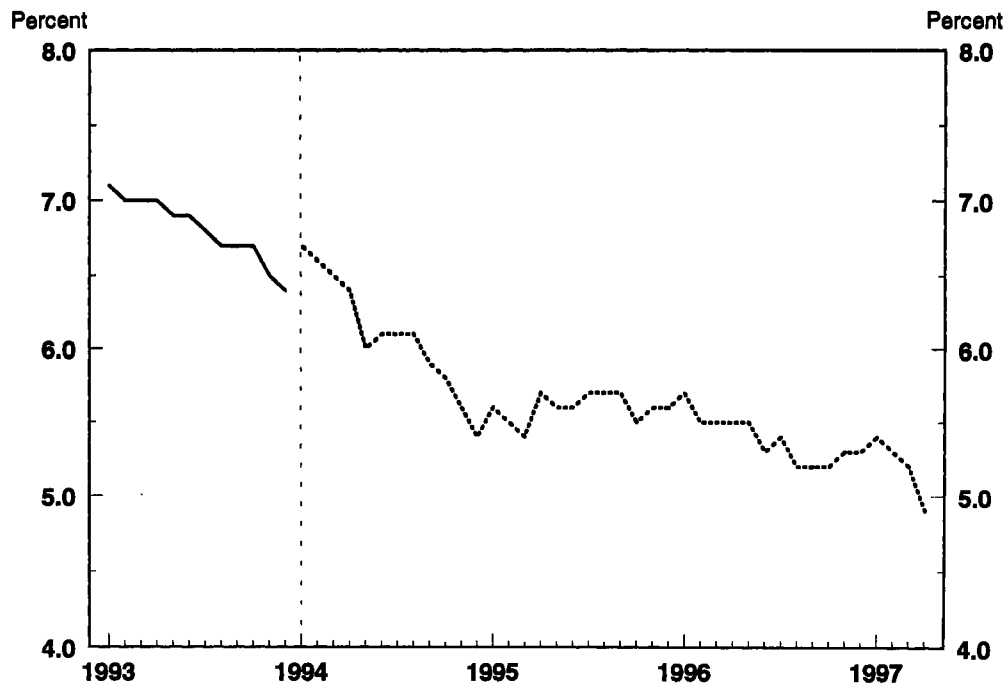
<sup>2</sup> The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these series.

<sup>P</sup> = preliminary.

**Chart 1. Nonfarm payroll employment, seasonally adjusted, 1993-97**



**Chart 2. Unemployment rate, seasonally adjusted, 1993-97**



NOTE: Beginning in 1990, data reflect 1990 census-based population controls, adjusted for the estimated undercount. Beginning in 1994, data reflect the introduction of a major redesign of the Current Population Survey. Beginning in 1997, data incorporate revisions in the population controls used in the survey. These changes affect comparability with data for prior periods.

**HOUSEHOLD DATA  
HISTORICAL**

**A-1. Employment status of the civilian noninstitutional population 16 years and over, 1963 to date**

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Number	Percent of population	Employed				Unemployed		
				Number	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
<b>Annual averages</b>										
1963 .....	122,416	71,833	58.7	67,762	55.4	4,687	63,076	4,070	5.7	50,583
1964 .....	124,485	73,091	58.7	69,305	55.7	4,523	64,782	3,786	5.2	51,394
1965 .....	126,513	74,455	58.9	71,088	56.2	4,361	66,726	3,366	4.5	52,058
1966 .....	128,058	75,770	59.2	72,895	56.9	3,979	68,915	2,875	3.8	52,288
1967 .....	129,874	77,347	59.6	74,372	57.3	3,844	70,527	2,975	3.8	52,527
1968 .....	132,028	78,737	59.6	75,920	57.5	3,817	72,103	2,817	3.6	53,291
1969 .....	134,335	80,734	60.1	77,902	58.0	3,606	74,296	2,832	3.5	53,602
1970 .....	137,085	82,771	60.4	78,678	57.4	3,463	75,215	4,093	4.9	54,315
1971 .....	140,216	84,382	60.2	79,367	56.6	3,394	75,972	5,016	5.9	55,834
1972 <sup>1</sup> .....	144,126	87,034	60.4	82,153	57.0	3,484	78,669	4,882	5.6	57,091
1973 <sup>1</sup> .....	147,096	89,429	60.8	85,064	57.8	3,470	81,594	4,365	4.9	57,667
1974 .....	150,120	91,949	61.3	86,794	57.8	3,515	83,279	5,156	5.6	58,171
1975 .....	153,153	93,775	61.2	85,846	56.1	3,408	82,438	7,929	8.5	59,377
1976 .....	156,150	96,158	61.6	88,752	56.8	3,331	85,421	7,406	7.7	59,991
1977 .....	159,033	99,009	62.3	92,017	57.9	3,283	88,734	6,991	7.1	60,025
1978 <sup>1</sup> .....	161,910	102,251	63.2	96,048	59.3	3,387	92,661	6,202	6.1	59,659
1979 .....	164,863	104,962	63.7	98,824	59.9	3,347	95,477	6,137	5.8	59,900
1980 .....	167,745	106,940	63.8	99,303	59.2	3,364	95,938	7,637	7.1	60,806
1981 .....	170,130	108,670	63.9	100,397	59.0	3,368	97,030	8,273	7.6	61,460
1982 .....	172,271	110,204	64.0	99,526	57.8	3,401	96,125	10,678	9.7	62,067
1983 .....	174,215	111,550	64.0	100,834	57.9	3,383	97,450	10,717	9.6	62,665
1984 .....	176,383	113,544	64.4	105,005	59.5	3,321	101,685	8,539	7.5	62,839
1985 .....	178,206	115,461	64.8	107,150	60.1	3,179	103,971	8,312	7.2	62,744
1986 <sup>1</sup> .....	180,587	117,834	65.3	109,597	60.7	3,163	106,434	8,237	7.0	62,752
1987 .....	182,753	119,865	65.6	112,440	61.5	3,208	109,232	7,425	6.2	62,888
1988 .....	184,613	121,669	65.9	114,968	62.3	3,169	111,800	6,701	5.5	62,944
1989 .....	186,393	123,869	66.5	117,342	63.0	3,199	114,142	6,528	5.3	62,523
1990 <sup>1</sup> .....	189,164	125,840	66.5	118,793	62.8	3,223	115,570	7,047	5.6	63,324
1991 .....	190,925	126,346	66.2	117,718	61.7	3,269	114,449	8,628	6.8	64,578
1992 .....	192,805	128,105	66.4	118,492	61.5	3,247	115,245	9,613	7.5	64,700
1993 .....	194,838	129,200	66.3	120,259	61.7	3,115	117,144	8,940	6.9	65,638
1994 <sup>1</sup> .....	196,814	131,056	66.6	123,060	62.5	3,409	119,651	7,996	6.1	65,758
1995 .....	198,584	132,304	66.6	124,900	62.9	3,440	121,460	7,404	5.6	66,280
1996 .....	200,591	133,943	66.8	126,708	63.2	3,443	123,264	7,236	5.4	66,647
<b>Monthly data, seasonally adjusted<sup>2</sup></b>										
<b>1996:</b>										
April .....	200,101	133,427	66.7	126,125	63.0	3,412	122,713	7,302	5.5	66,674
May .....	200,278	133,759	66.8	126,428	63.1	3,474	122,954	7,331	5.5	66,519
June .....	200,459	133,709	66.7	126,590	63.2	3,408	123,182	7,119	5.3	66,750
July .....	200,641	134,165	66.9	126,889	63.2	3,470	123,419	7,276	5.4	66,476
August .....	200,847	133,898	66.7	126,988	63.2	3,418	123,570	6,910	5.2	66,949
September .....	201,061	134,291	66.8	127,248	63.3	3,480	123,768	7,043	5.2	66,770
October .....	201,273	134,636	66.9	127,617	63.4	3,450	124,167	7,019	5.2	66,637
November .....	201,463	134,831	66.9	127,644	63.4	3,354	124,290	7,187	5.3	66,632
December .....	201,636	135,022	67.0	127,855	63.4	3,426	124,429	7,167	5.3	66,614
<b>1997:</b>										
January <sup>3</sup> .....	202,285	135,848	67.2	128,580	63.6	3,468	125,112	7,268	5.4	66,437
February .....	202,389	135,634	67.0	128,430	63.5	3,292	125,138	7,205	5.3	66,754
March .....	202,513	136,319	67.3	129,175	63.8	3,386	125,789	7,144	5.2	66,194
April .....	202,674	136,098	67.2	129,384	63.8	3,497	125,887	6,714	4.9	66,577

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

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

<sup>3</sup> Beginning in January 1997, data are not strictly comparable with data

for 1996 and earlier years because of revisions in the population controls used in the household survey. For additional information, see "Revisions in the Current Population Survey Effective January 1997" in the February 1997 issue of this publication.

**A-2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1986 to date**

(Numbers in thousands)

Sex, year, and month	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Number	Percent of population	Employed				Unemployed		
				Number	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
<b>Annual averages</b>										
<b>MEN</b>										
1986 <sup>1</sup>	85,796	85,422	76.3	60,892	71.0	2,511	56,381	4,530	6.9	20,376
1987	86,899	86,207	76.2	62,107	71.5	2,543	59,564	4,101	6.2	20,692
1988	87,857	86,927	76.2	63,273	72.0	2,493	60,780	3,655	5.5	20,930
1989	88,782	87,840	78.4	64,315	72.5	2,513	61,802	3,525	5.2	20,923
1990 <sup>1</sup>	90,377	89,011	76.4	65,104	72.0	2,546	62,559	3,906	5.7	21,367
1991	91,278	89,188	75.8	64,223	70.4	2,589	61,634	4,946	7.2	22,110
1992	92,270	89,964	75.8	64,440	69.8	2,575	61,866	5,523	7.9	22,306
1993	93,332	70,404	75.4	65,349	70.0	2,478	62,871	5,055	7.2	22,927
1994 <sup>1</sup>	94,355	70,817	75.1	66,450	70.4	2,554	63,896	4,367	6.2	23,538
1995	95,178	71,360	75.0	67,377	70.8	2,559	64,818	3,983	5.6	23,818
1996	96,206	72,087	74.9	68,207	70.9	2,573	65,634	3,880	5.4	24,119
<b>Monthly data, seasonally adjusted<sup>2</sup></b>										
<b>1996:</b>										
April	95,955	71,922	75.0	67,932	70.8	2,532	65,400	3,990	5.5	24,033
May	96,048	72,120	75.1	68,188	71.0	2,584	65,604	3,932	5.5	23,928
June	96,140	72,110	75.0	68,251	71.0	2,535	65,716	3,859	5.4	24,030
July	96,230	72,317	75.2	68,376	71.1	2,585	65,791	3,941	5.4	23,913
August	96,335	71,981	74.7	68,368	71.0	2,550	65,818	3,593	5.0	24,374
September	96,447	72,087	74.7	68,304	70.8	2,592	65,712	3,783	5.2	24,360
October	96,556	72,363	74.9	68,647	71.1	2,607	66,040	3,716	5.1	24,193
November	96,654	72,362	74.9	68,589	71.0	2,525	66,064	3,773	5.2	24,292
December	96,742	72,414	74.9	68,707	71.0	2,618	66,089	3,707	5.1	24,328
<b>1997:</b>										
January <sup>3</sup>	97,264	73,106	75.2	69,164	71.1	2,611	66,553	3,942	5.4	24,158
February	97,320	72,987	75.0	69,232	71.1	2,470	66,763	3,755	5.1	24,333
March	97,387	73,268	75.2	69,478	71.3	2,585	66,894	3,790	5.2	24,118
April	97,474	73,232	75.1	69,627	71.4	2,674	66,953	3,604	4.9	24,242
<b>Annual averages</b>										
<b>WOMEN</b>										
1986 <sup>1</sup>	94,789	52,413	55.3	48,706	51.4	652	48,054	3,707	7.1	42,376
1987	95,853	53,658	56.0	50,334	52.5	666	49,668	3,324	6.2	42,195
1988	96,756	54,742	56.6	51,696	53.4	676	51,020	3,046	5.6	42,014
1989	97,630	56,030	57.4	53,027	54.3	687	52,341	3,003	5.4	41,601
1990 <sup>1</sup>	98,787	56,829	57.5	53,689	54.3	678	53,011	3,140	5.5	41,957
1991	99,648	57,178	57.4	53,496	53.7	680	52,815	3,683	6.4	42,468
1992	100,535	58,141	57.8	54,052	53.8	672	53,380	4,090	7.0	42,394
1993	101,506	58,795	57.9	54,910	54.1	637	54,273	3,885	6.6	42,711
1994 <sup>1</sup>	102,460	60,239	58.8	56,610	55.3	855	55,755	3,629	6.0	42,221
1995	103,406	60,944	58.9	57,523	55.6	881	56,642	3,421	5.6	42,462
1996	104,385	61,857	59.3	58,501	56.0	871	57,630	3,356	5.4	42,528
<b>Monthly data, seasonally adjusted<sup>2</sup></b>										
<b>1996:</b>										
April	104,146	61,505	59.1	58,193	55.9	880	57,313	3,312	5.4	42,641
May	104,230	61,639	59.1	58,240	55.9	890	57,350	3,399	5.5	42,591
June	104,319	61,599	59.0	58,339	55.9	873	57,466	3,260	5.3	42,720
July	104,411	61,848	59.2	58,513	56.0	885	57,628	3,335	5.4	42,563
August	104,512	61,937	59.3	58,620	56.1	868	57,752	3,317	5.4	42,575
September	104,614	62,204	59.5	58,944	56.3	888	58,056	3,260	5.2	42,410
October	104,717	62,273	59.5	58,970	56.3	843	58,127	3,303	5.3	42,444
November	104,809	62,489	59.6	59,055	56.3	829	58,226	3,414	5.5	42,340
December	104,894	62,608	59.7	59,148	56.4	808	58,340	3,460	5.5	42,286
<b>1997:</b>										
January <sup>3</sup>	105,022	62,742	59.7	59,416	56.6	857	58,559	3,327	5.3	42,279
February	105,068	62,647	59.6	59,197	56.3	822	58,375	3,450	5.5	42,421
March	105,127	63,051	60.0	59,697	56.8	802	58,895	3,354	5.3	42,076
April	105,200	62,866	59.8	59,756	56.8	822	58,934	3,109	4.9	42,335

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

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

<sup>3</sup> Beginning in January 1997, data are not strictly comparable with data for 1996 and earlier years because of revisions in the population controls used in the household survey. For additional information, see "Revisions in the Current Population Survey Effective January 1997" in the February 1997 issue of this publication.





**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-4. 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	1996									1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	167,973	168,098	168,222	168,345	168,489	168,639	168,788	168,924	169,044	169,436	169,492	169,569	169,675
Civilian labor force .....	112,720	113,025	112,940	113,139	112,904	113,334	113,625	113,816	113,991	114,377	114,333	114,736	114,618
Percent of population .....	67.1	67.2	67.1	67.2	67.0	67.2	67.3	67.4	67.4	67.5	67.5	67.7	67.6
Employed .....	107,364	107,576	107,733	107,862	107,853	108,217	108,527	108,570	108,734	109,151	109,197	109,630	109,831
Employment-population ratio .....	63.9	64.0	64.0	64.1	64.0	64.2	64.3	64.3	64.4	64.4	64.4	64.7	64.7
Unemployed .....	5,356	5,449	5,207	5,277	5,051	5,117	5,098	5,246	5,257	5,226	5,136	5,106	4,786
Unemployment rate .....	4.8	4.8	4.6	4.7	4.5	4.5	4.5	4.6	4.6	4.6	4.5	4.5	4.2
<b>Men, 20 years and over</b>													
Civilian labor force .....	58,193	58,261	58,366	58,432	58,347	58,343	58,539	58,549	58,623	59,042	58,968	59,161	59,196
Percent of population .....	77.3	77.3	77.4	77.4	77.3	77.2	77.4	77.3	77.4	77.7	77.5	77.7	77.7
Employed .....	55,765	55,861	55,992	56,085	56,143	56,042	56,294	56,276	56,356	56,653	56,692	56,923	57,057
Employment-population ratio .....	74.0	74.1	74.3	74.3	74.4	74.2	74.4	74.3	74.4	74.5	74.8	74.8	74.9
Unemployed .....	2,428	2,400	2,374	2,347	2,204	2,301	2,245	2,273	2,267	2,388	2,275	2,238	2,139
Unemployment rate .....	4.2	4.1	4.1	4.0	3.8	3.9	3.8	3.9	3.9	4.0	3.9	3.8	3.6
<b>Women, 20 years and over</b>													
Civilian labor force .....	47,977	48,114	47,992	48,074	48,162	48,314	48,380	48,558	48,686	48,631	48,619	48,832	48,662
Percent of population .....	59.3	59.4	59.2	59.3	59.4	59.5	59.6	59.8	59.9	59.8	59.8	60.0	59.8
Employed .....	45,984	46,010	46,075	46,097	46,232	46,394	46,439	46,530	46,614	46,750	46,747	46,915	46,902
Employment-population ratio .....	56.8	56.8	56.9	56.9	57.0	57.2	57.2	57.3	57.3	57.5	57.5	57.7	57.6
Unemployed .....	1,993	2,104	1,917	1,977	1,930	1,920	1,941	2,028	2,072	1,881	1,872	1,917	1,759
Unemployment rate .....	4.2	4.4	4.0	4.1	4.0	4.0	4.0	4.2	4.3	3.9	3.9	3.9	3.6
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	6,550	6,650	6,582	6,633	6,395	6,877	6,706	6,709	6,682	6,704	6,746	6,742	6,760
Percent of population .....	55.9	56.5	55.7	56.0	53.8	56.0	56.1	56.0	55.6	55.3	55.6	55.6	55.7
Employed .....	5,615	5,705	5,668	5,680	5,478	5,781	5,794	5,764	5,764	5,747	5,758	5,792	5,872
Employment-population ratio .....	47.9	48.5	48.0	48.0	46.1	48.5	48.5	48.1	48.0	47.4	47.5	47.7	48.4
Unemployed .....	935	945	916	953	917	896	912	945	918	957	988	951	888
Unemployment rate .....	14.3	14.2	13.9	14.4	14.3	13.4	13.6	14.1	13.7	14.3	14.6	14.1	13.1
Men .....	15.3	15.3	14.9	16.1	15.7	14.8	15.4	15.5	14.8	14.9	14.6	15.0	14.3
Women .....	13.1	13.0	12.8	12.4	12.9	11.9	11.6	12.6	12.6	13.6	14.7	13.1	11.9
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	23,519	23,549	23,579	23,611	23,650	23,690	23,728	23,762	23,794	23,847	23,872	23,895	23,923
Civilian labor force .....	15,004	15,138	15,010	15,212	15,297	15,184	15,276	15,290	15,306	15,372	15,408	15,439	15,365
Percent of population .....	63.8	64.3	63.7	64.4	64.7	64.1	64.4	64.3	64.3	64.5	64.5	64.6	64.2
Employed .....	13,432	13,584	13,478	13,612	13,699	13,568	13,647	13,673	13,693	13,709	13,672	13,784	13,863
Employment-population ratio .....	57.1	57.7	57.2	57.7	57.9	57.3	57.5	57.5	57.5	57.5	57.3	57.7	57.9
Unemployed .....	1,572	1,554	1,532	1,600	1,598	1,618	1,629	1,617	1,613	1,663	1,736	1,655	1,503
Unemployment rate .....	10.5	10.3	10.2	10.5	10.4	10.7	10.7	10.6	10.5	10.8	11.3	10.7	9.8
<b>Men, 20 years and over</b>													
Civilian labor force .....	6,724	6,793	6,757	6,848	6,874	6,834	6,838	6,899	6,833	6,829	6,765	6,803	6,805
Percent of population .....	71.6	72.3	71.8	72.7	73.0	72.6	72.4	72.7	72.0	71.8	71.0	71.6	71.4
Employed .....	6,081	6,144	6,133	6,212	6,301	6,174	6,199	6,264	6,235	6,198	6,159	6,173	6,234
Employment-population ratio .....	64.8	65.4	65.2	65.9	66.9	65.6	65.6	66.0	65.7	65.2	64.7	65.0	65.4
Unemployed .....	643	649	624	636	573	660	639	635	598	632	605	629	571
Unemployment rate .....	9.6	9.6	9.2	9.3	8.3	9.7	9.3	9.2	8.6	9.2	9.0	9.3	8.4
<b>Women, 20 years and over</b>													
Civilian labor force .....	7,319	7,374	7,377	7,457	7,477	7,435	7,487	7,499	7,544	7,574	7,636	7,641	7,641
Percent of population .....	62.0	62.4	62.4	63.0	63.1	62.7	63.0	63.0	63.3	63.4	63.9	63.9	63.8
Employed .....	6,706	6,757	6,746	6,797	6,802	6,788	6,822	6,833	6,851	6,880	6,851	6,934	6,997
Employment-population ratio .....	56.8	57.2	57.1	57.4	57.4	57.2	57.4	57.4	57.5	57.6	57.3	57.9	58.4
Unemployed .....	613	617	631	660	675	647	665	666	693	694	785	706	644
Unemployment rate .....	8.4	8.4	8.6	8.9	9.0	8.7	8.9	8.9	9.2	9.2	10.3	9.2	8.4

See footnotes at end of table.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-4. 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	1996									1997			
	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 .....	961	971	876	907	946	915	951	892	929	969	1,007	996	920
Percent of population .....	41.3	41.5	37.3	38.5	39.6	38.0	39.6	37.5	38.9	40.4	42.0	41.1	38.1
Employed .....	645	683	599	603	596	604	626	576	607	631	662	676	632
Employment-population ratio .....	27.7	29.2	25.5	25.6	25.0	25.1	26.1	24.2	25.4	26.3	27.6	27.9	26.2
Unemployed .....	316	288	277	304	350	311	325	316	322	337	346	319	287
Unemployment rate .....	32.9	29.7	31.6	33.5	37.0	34.0	34.2	35.4	34.7	34.8	34.3	32.1	31.2
Men .....	34.9	30.0	36.6	43.0	38.2	37.2	36.5	41.2	38.6	42.7	37.4	41.4	37.3
Women .....	30.8	29.3	26.9	22.4	35.8	30.9	31.9	30.0	31.2	27.5	31.3	23.7	25.3
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	19,080	19,131	19,184	19,238	19,292	19,346	19,398	19,454	19,505	20,013	20,067	20,119	20,180
Civilian labor force .....	12,552	12,602	12,624	12,697	12,864	12,871	12,989	13,182	13,150	13,795	13,640	13,662	13,572
Percent of population .....	65.8	65.9	65.8	66.0	66.7	66.5	67.0	67.8	67.4	68.9	68.0	67.9	67.3
Employed .....	11,357	11,438	11,510	11,567	11,736	11,801	11,928	12,094	12,141	12,653	12,538	12,493	12,470
Employment-population ratio .....	59.5	59.8	60.0	60.1	60.8	61.0	61.5	62.2	62.2	63.2	62.5	62.1	61.8
Unemployed .....	1,195	1,164	1,114	1,130	1,128	1,070	1,061	1,088	1,009	1,142	1,102	1,169	1,102
Unemployment rate .....	9.5	9.2	8.8	8.9	8.8	8.3	8.2	8.3	7.7	8.3	8.1	8.6	8.1

<sup>1</sup> The population figures are not adjusted for seasonal variation.  
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. Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-5. Employed and unemployed full- and part-time workers by sex and age, seasonally adjusted**

(Numbers in thousands)

Full- and part-time status, sex, and age	1996									1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>EMPLOYED</b>													
Full-time workers .....	102,812	103,362	103,348	103,648	103,733	104,303	104,598	104,645	104,654	105,089	105,151	105,721	105,936
Men, 16 years and over .....	60,388	60,792	60,713	60,695	60,970	61,096	61,244	61,346	61,289	61,603	61,867	61,888	62,114
Men, 20 years and over .....	59,216	59,487	59,498	59,660	59,792	59,810	60,021	60,119	60,056	60,392	60,691	60,432	60,820
Women, 16 years and over .....	42,430	42,542	42,692	42,808	42,793	43,187	43,342	43,303	43,358	43,365	43,151	43,900	43,737
Women, 20 years and over .....	41,659	41,704	41,843	41,958	42,019	42,351	42,495	42,450	42,451	42,541	42,287	42,991	42,945
Both sexes, 16 to 19 years .....	1,937	2,171	2,007	2,032	1,922	2,142	2,082	2,076	2,147	2,158	2,173	2,298	2,172
Part-time workers .....	23,236	23,006	23,187	23,208	23,294	23,163	23,037	23,145	23,222	23,530	23,370	23,472	23,433
Men, 16 years and over .....	7,504	7,328	7,542	7,507	7,474	7,376	7,397	7,294	7,411	7,510	7,284	7,695	7,462
Men, 20 years and over .....	5,334	5,174	5,428	5,416	5,449	5,320	5,292	5,255	5,321	5,418	5,133	5,577	5,411
Women, 16 years and over .....	15,736	15,708	15,664	15,699	15,812	15,776	15,657	15,816	15,802	16,027	16,064	15,759	15,973
Women, 20 years and over .....	13,395	13,379	13,317	13,331	13,427	13,334	13,191	13,397	13,427	13,633	13,698	13,365	13,427
Both sexes, 16 to 19 years .....	4,507	4,453	4,442	4,461	4,418	4,509	4,554	4,493	4,474	4,479	4,540	4,531	4,595
<b>UNEMPLOYED</b>													
Looking for full-time work .....	5,876	5,903	5,888	5,813	5,479	5,644	5,664	5,800	5,754	5,809	5,706	5,736	5,329
Men, 16 years and over .....	3,365	3,329	3,269	3,269	3,084	3,287	3,216	3,240	3,170	3,238	3,088	3,140	2,948
Men, 20 years and over .....	3,001	2,940	2,898	2,875	2,636	2,895	2,761	2,816	2,762	2,871	2,780	2,782	2,642
Women, 16 years and over .....	2,512	2,594	2,462	2,534	2,463	2,389	2,469	2,587	2,608	2,495	2,526	2,537	2,378
Women, 20 years and over .....	2,233	2,316	2,240	2,341	2,192	2,108	2,218	2,305	2,313	2,199	2,219	2,289	2,112
Both sexes, 16 to 19 years .....	642	647	550	597	651	641	685	679	679	736	707	665	575
Looking for part-time work .....	1,448	1,453	1,384	1,481	1,453	1,369	1,368	1,384	1,425	1,426	1,497	1,428	1,415
Men, 16 years and over .....	628	617	623	676	604	515	552	570	548	614	588	593	654
Men, 20 years and over .....	260	270	255	266	260	198	225	227	237	277	249	269	274
Women, 16 years and over .....	811	826	787	813	839	838	818	830	902	800	918	804	753
Women, 20 years and over .....	519	525	447	520	538	555	533	513	560	523	558	477	480
Both sexes, 16 to 19 years .....	689	658	682	695	655	616	610	644	628	626	690	682	660
<b>UNEMPLOYMENT RATES<sup>1</sup></b>													
Full-time workers .....	5.4	5.4	5.2	5.3	5.0	5.1	5.1	5.3	5.2	5.2	5.1	5.1	4.8
Men, 16 years and over .....	5.3	5.2	5.1	5.1	4.8	5.1	5.0	5.0	4.9	5.0	4.8	4.8	4.5
Men, 20 years and over .....	4.8	4.7	4.6	4.6	4.2	4.6	4.4	4.5	4.4	4.5	4.4	4.4	4.2
Women, 16 years and over .....	5.6	5.7	5.5	5.6	5.4	5.2	5.4	5.6	5.7	5.4	5.5	5.5	5.2
Women, 20 years and over .....	5.1	5.3	5.1	5.3	5.0	4.7	5.0	5.2	5.2	4.9	5.0	5.1	4.7
Both sexes, 16 to 19 years .....	24.9	23.0	21.5	22.7	25.3	23.0	24.8	24.6	24.0	25.5	24.5	22.5	20.9
Part-time workers .....	5.9	5.9	5.6	6.0	5.9	5.6	5.6	5.6	5.8	5.7	6.0	5.7	5.7
Men, 16 years and over .....	7.7	7.8	7.6	8.3	7.5	6.5	6.9	7.2	6.9	7.6	7.5	7.2	8.1
Men, 20 years and over .....	4.6	5.0	4.5	4.7	4.6	3.6	4.1	4.1	4.3	4.9	4.6	4.6	4.8
Women, 16 years and over .....	4.9	5.0	4.8	4.9	5.0	5.0	5.0	5.0	5.4	4.8	5.4	4.9	4.5
Women, 20 years and over .....	3.7	3.8	3.2	3.8	3.9	4.0	3.9	3.7	4.0	3.7	3.9	3.4	3.5
Both sexes, 16 to 19 years .....	12.9	12.9	13.3	13.5	12.9	12.0	11.8	12.5	12.3	12.3	13.2	13.1	12.6

<sup>1</sup> These rates reflect a refined definition of the full- and part-time labor force and differ from the rates published elsewhere in this publication prior to 1994.

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-6. Employed persons by marital status, occupation, class of worker, and part-time status, seasonally adjusted**

(In thousands)

Category	1996									1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>MARITAL STATUS</b>													
Total .....	126,125	126,428	126,590	126,889	126,988	127,248	127,617	127,644	127,855	128,580	128,430	129,175	129,384
Married men, spouse present .....	42,127	42,395	42,520	42,503	42,588	42,330	42,617	42,631	42,607	42,909	42,513	42,509	42,329
Married women, spouse present .....	31,983	32,339	32,456	32,634	32,665	32,679	32,537	32,509	32,631	32,826	32,578	32,699	32,473
Women who maintain families .....	7,366	7,323	7,364	7,253	7,338	7,420	7,392	7,444	7,500	7,501	7,556	7,720	7,838
<b>OCCUPATION</b>													
Managerial and professional specialty .....	36,116	36,271	36,667	36,505	36,605	36,759	36,917	37,177	37,234	37,478	37,525	37,723	37,599
Technical, sales, and administrative support .....	37,584	37,615	37,636	37,762	37,818	37,812	37,951	37,821	37,902	38,163	38,073	38,158	38,150
Service occupations .....	17,033	17,318	17,191	17,281	17,343	17,435	17,295	17,408	17,271	17,171	17,170	17,292	17,267
Precision production, craft, and repair .....	13,572	13,469	13,559	13,482	13,660	13,681	13,587	13,508	13,574	13,902	14,140	14,200	14,301
Operators, fabricators, and laborers .....	18,206	18,311	18,159	18,292	18,031	18,069	18,235	18,259	18,310	18,317	18,144	18,234	18,415
Farming, forestry, and fishing .....	3,561	3,575	3,502	3,565	3,515	3,557	3,565	3,445	3,496	3,528	3,388	3,507	3,605
<b>CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,852	1,957	1,883	1,860	1,814	1,834	1,813	1,829	1,878	1,988	1,932	1,905	1,989
Self-employed workers .....	1,502	1,472	1,490	1,546	1,525	1,557	1,580	1,464	1,475	1,448	1,353	1,414	1,424
Unpaid family workers .....	51	48	36	53	64	91	71	68	66	62	15	59	70
Nonagricultural industries:													
Wage and salary workers .....	113,577	113,940	114,000	114,278	114,539	114,765	115,018	115,133	115,212	115,560	115,987	116,533	116,608
Private industries .....	95,270	95,700	95,720	95,998	96,274	96,673	96,886	96,863	96,946	97,176	97,843	98,539	98,572
Private households .....	873	925	829	930	973	981	992	956	934	1,002	882	869	922
Other industries .....	94,397	94,775	94,891	95,068	95,301	95,692	95,894	95,907	96,012	96,174	96,962	97,671	97,650
Government .....	18,307	18,240	18,280	18,280	18,265	18,092	18,132	18,270	18,266	18,385	18,144	17,994	18,036
Self-employed workers .....	9,045	8,882	9,027	8,984	8,896	8,811	8,967	9,023	9,109	9,445	9,124	9,292	9,159
Unpaid family workers .....	104	121	127	128	122	129	137	140	149	162	136	108	130
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	4,466	4,311	4,325	4,338	4,339	4,302	4,286	3,983	4,338	4,426	4,262	4,153	4,402
Slack work or business conditions .....	2,581	2,255	2,391	2,552	2,437	2,398	2,258	2,107	2,353	2,423	2,378	2,344	2,491
Could only find part-time work .....	1,577	1,704	1,584	1,549	1,596	1,617	1,683	1,559	1,653	1,552	1,550	1,518	1,629
Part time for noneconomic reasons .....	17,712	17,843	17,960	17,877	18,184	17,823	17,754	17,957	17,866	18,340	18,070	18,120	18,176
Nonagricultural industries:													
Part time for economic reasons .....	4,251	4,109	4,161	4,150	4,182	4,130	4,118	3,815	4,162	4,163	4,098	3,937	4,235
Slack work or business conditions .....	2,462	2,136	2,282	2,422	2,310	2,284	2,147	2,001	2,214	2,310	2,277	2,210	2,374
Could only find part-time work .....	1,543	1,655	1,558	1,517	1,588	1,580	1,647	1,543	1,622	1,512	1,523	1,475	1,603
Part time for noneconomic reasons .....	17,068	17,039	17,298	17,250	17,555	17,204	17,123	17,313	17,237	17,737	17,452	17,565	17,661

<sup>1</sup>Persons at work excludes employed persons who were absent from their jobs during the entire reference week for reasons such as vacation, illness, or industrial dispute. Part time for noneconomic reasons excludes persons who usually work full time but worked only 1 to 34 hours during the reference week

for reasons such as holidays, illness, and bad weather.

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-9. Unemployment rates by age and sex, seasonally adjusted**

Age and sex	1996									1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over .....	5.5	5.5	5.3	5.4	5.2	5.2	5.2	5.3	5.3	5.4	5.3	5.2	4.9
16 to 24 years .....	11.9	12.1	11.8	12.1	11.7	11.5	11.7	11.9	11.9	12.2	12.0	11.8	11.4
16 to 19 years .....	16.8	16.6	16.2	16.7	17.0	16.0	16.3	16.8	16.5	17.0	17.5	16.4	15.4
16 to 17 years .....	19.0	19.5	18.9	19.5	18.9	17.6	18.0	17.0	19.3	17.7	19.7	19.4	18.5
18 to 19 years .....	15.3	14.4	14.1	14.6	15.7	14.7	15.3	17.0	14.7	16.6	15.2	14.6	13.3
20 to 24 years .....	9.1	9.5	9.2	9.5	8.6	8.9	8.9	9.0	9.1	9.4	8.7	9.0	9.0
25 years and over .....	4.2	4.3	4.1	4.1	4.0	4.1	4.0	4.1	4.1	4.0	4.1	4.0	3.7
25 to 54 years .....	4.4	4.4	4.2	4.3	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.1	3.8
55 years and over .....	3.3	3.5	3.5	3.7	3.2	3.3	3.2	3.1	3.3	3.1	3.0	3.3	3.0
Men, 16 years and over .....	5.5	5.5	5.4	5.4	5.0	5.2	5.1	5.2	5.1	5.4	5.1	5.2	4.9
16 to 24 years .....	12.8	12.8	12.5	13.1	12.0	12.1	12.3	12.5	12.3	12.9	12.0	12.2	11.8
16 to 19 years .....	17.9	17.6	17.5	19.3	18.2	17.5	16.1	18.4	17.4	18.4	17.9	17.9	17.2
16 to 17 years .....	21.2	20.5	20.5	23.4	21.5	19.2	19.6	16.9	20.6	20.4	19.6	21.4	20.5
18 to 19 years .....	16.2	15.5	15.0	16.1	16.1	16.2	17.1	19.0	15.4	17.1	15.4	15.7	15.2
20 to 24 years .....	9.8	10.1	9.6	9.6	8.4	9.0	8.9	9.2	9.3	9.8	8.6	6.9	8.7
25 years and over .....	4.2	4.1	4.0	4.0	3.8	4.0	3.8	3.9	3.8	4.0	3.9	3.9	3.7
25 to 54 years .....	4.4	4.2	4.1	4.1	3.9	4.2	4.0	4.0	3.9	4.1	4.0	3.9	3.8
55 years and over .....	3.1	3.3	3.5	3.7	3.2	3.3	3.0	3.1	3.4	3.2	3.3	3.5	3.0
Women, 16 years and over .....	5.4	5.5	5.3	5.4	5.4	5.2	5.3	5.5	5.5	5.3	5.5	5.3	4.9
16 to 24 years .....	11.0	11.3	11.0	11.0	11.5	10.9	11.0	11.3	11.4	11.4	11.9	11.3	10.9
16 to 19 years .....	15.5	15.5	14.8	13.8	15.8	14.4	14.4	15.2	15.5	15.5	16.9	14.9	13.6
16 to 17 years .....	16.7	18.4	17.3	15.2	16.3	16.0	16.2	15.1	18.1	14.9	19.7	17.1	16.5
18 to 19 years .....	14.3	13.2	13.0	12.8	15.2	13.1	13.4	15.0	14.0	16.2	15.0	13.3	11.3
20 to 24 years .....	6.4	8.9	8.8	9.3	8.9	8.7	8.9	8.9	8.9	8.9	8.6	9.1	9.3
25 years and over .....	4.3	4.4	4.2	4.3	4.2	4.2	4.2	4.3	4.5	4.1	4.2	4.2	3.8
25 to 54 years .....	4.3	4.5	4.3	4.5	4.3	4.2	4.4	4.5	4.7	4.3	4.5	4.3	3.9
55 years and over .....	3.6	3.8	3.5	3.6	3.0	3.4	3.4	3.0	3.3	2.9	2.6	3.1	3.0

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-10. Unemployment rates by occupation, industry, and selected demographic characteristics, seasonally adjusted**

Category	1996										1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
<b>CHARACTERISTIC</b>														
Total .....	5.5	5.5	5.3	5.4	5.2	5.2	5.2	5.3	5.3	5.4	5.3	5.2	4.9	
Men, 20 years and over .....	4.8	4.7	4.6	4.6	4.2	4.5	4.4	4.4	4.4	4.6	4.4	4.4	4.2	
Women, 20 years and over .....	4.7	4.9	4.7	4.9	4.7	4.8	4.7	4.8	4.9	4.6	4.7	4.7	4.4	
Both sexes, 16 to 19 years .....	16.8	18.6	16.2	16.7	17.0	16.0	16.3	16.8	16.5	17.0	17.5	18.4	15.4	
White .....	4.8	4.8	4.8	4.7	4.5	4.5	4.5	4.6	4.8	4.6	4.5	4.5	4.2	
Black and other .....	9.4	9.3	9.1	9.3	8.9	9.2	9.3	9.1	9.2	9.4	9.7	9.5	9.0	
Black .....	10.5	10.3	10.2	10.5	10.4	10.7	10.7	10.8	10.5	10.8	11.3	10.7	9.8	
Hispanic origin .....	9.5	9.2	8.8	8.9	8.8	8.3	8.2	8.3	7.7	8.3	8.1	8.8	8.1	
Married men, spouse present .....	3.0	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.0	2.8	2.8	2.8	2.7	
Married women, spouse present .....	3.7	3.7	3.6	3.5	3.4	3.4	3.5	3.8	3.7	3.3	3.4	3.2	3.1	
Women who maintain families .....	7.3	8.5	7.8	8.8	8.5	8.3	8.5	8.8	8.4	9.1	9.0	9.1	7.5	
<b>OCCUPATION<sup>1</sup></b>														
Managerial and professional specialty .....	2.3	2.3	2.4	2.4	2.2	2.3	2.2	2.3	2.4	2.1	2.1	2.0	2.0	
Technical, sales, and administrative support .....	4.4	4.6	4.2	4.6	4.4	4.5	4.5	4.5	4.6	4.4	4.3	4.3	4.2	
Precision production, craft, and repair .....	5.6	5.4	5.3	5.5	5.3	5.4	5.5	5.7	5.4	5.3	4.7	4.9	4.8	
Operators, fabricators, and laborers .....	7.9	8.3	8.0	7.8	8.0	7.5	7.7	7.7	7.6	7.9	8.1	8.1	7.3	
Farming, forestry, and fishing .....	7.8	8.7	7.5	6.7	8.4	7.1	7.0	7.7	7.7	7.5	7.5	7.4	6.6	
<b>INDUSTRY</b>														
Nonagricultural private wage and salary workers .....	5.6	5.7	5.5	5.5	5.4	5.3	5.3	5.5	5.4	5.4	5.3	5.2	5.0	
Goods-producing industries .....	6.1	6.2	6.0	5.8	5.7	5.6	5.8	6.1	5.9	6.0	5.6	5.5	5.4	
Mining .....	4.6	2.2	4.9	3.0	4.5	5.1	5.8	4.9	7.6	6.0	4.2	4.0	2.0	
Construction .....	10.3	10.2	9.6	9.8	9.1	9.3	9.6	10.3	9.4	10.1	9.0	9.6	8.7	
Manufacturing .....	4.8	5.0	4.9	4.7	4.7	4.4	4.7	4.7	4.8	4.6	4.5	4.3	4.4	
Durable goods .....	4.7	4.7	4.5	4.3	4.0	4.2	4.4	4.5	4.7	4.4	4.0	3.6	3.6	
Nondurable goods .....	5.0	5.5	5.5	5.3	5.8	4.7	5.1	5.1	5.0	4.8	5.3	5.2	5.8	
Service-producing industries .....	5.5	5.5	5.2	5.4	5.2	5.2	5.1	5.2	5.2	5.2	5.2	5.1	4.9	
Transportation and public utilities .....	4.2	4.2	4.4	4.3	4.1	4.1	4.4	3.5	4.0	4.1	4.3	4.1	2.8	
Wholesale and retail trade .....	6.5	6.5	6.4	6.3	6.3	6.2	6.2	6.3	6.2	8.4	6.5	8.3	8.2	
Finance, insurance, and real estate .....	2.4	2.6	2.6	2.8	2.5	3.0	2.9	2.9	3.1	3.5	3.0	3.2	3.4	
Services .....	5.6	5.7	5.1	5.5	5.2	5.3	5.0	5.3	5.2	4.9	5.0	4.8	4.6	
Government workers .....	2.9	3.2	2.8	3.1	2.8	3.0	2.9	2.8	3.0	2.9	2.9	2.8	2.4	
Agricultural wage and salary workers .....	11.0	10.3	9.6	9.1	7.6	10.8	10.0	10.9	10.3	8.6	8.8	9.5	9.6	

<sup>1</sup> Seasonally adjusted data for service occupations are not available because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-11. Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reason	1996									1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers and persons who completed temporary jobs .....	3,535	3,409	3,399	3,348	3,095	3,236	3,171	3,261	3,221	3,245	3,163	3,187	2,979
On temporary layoff .....	1,092	1,070	1,000	980	931	989	957	994	987	953	944	1,021	976
Not on temporary layoff .....	2,443	2,339	2,399	2,368	2,164	2,247	2,214	2,267	2,234	2,293	2,218	2,167	2,003
Job leavers .....	723	688	702	754	775	800	797	825	845	890	787	784	754
Reentrants .....	2,487	2,709	2,437	2,522	2,467	2,441	2,489	2,523	2,556	2,505	2,648	2,535	2,420
New entrants .....	567	546	545	590	552	559	577	586	626	600	647	647	577
<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 and persons who completed temporary jobs .....	48.3	46.4	48.0	46.4	44.9	46.0	45.1	45.3	44.4	44.8	43.7	44.6	44.3
On temporary layoff .....	14.9	14.6	14.1	13.6	13.5	14.1	13.6	13.8	13.6	13.2	13.0	14.3	14.5
Not on temporary layoff .....	33.4	31.8	33.9	32.8	31.4	31.9	31.5	31.5	30.8	31.7	30.6	30.3	29.8
Job leavers .....	9.9	9.4	9.9	10.5	11.2	11.4	11.3	11.5	11.7	12.3	10.9	11.0	11.2
Reentrants .....	34.0	36.8	34.4	35.0	35.8	34.7	35.4	35.1	35.3	34.6	36.6	35.4	36.0
New entrants .....	7.8	7.4	7.7	8.2	8.0	7.9	8.2	8.1	8.6	8.3	8.9	9.0	8.6
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers and persons who completed temporary jobs .....	2.6	2.5	2.5	2.5	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2
Job leavers .....	.5	.5	.5	.6	.6	.6	.6	.6	.6	.7	.6	.6	.6
Reentrants .....	1.9	2.0	1.8	1.9	1.8	1.8	1.8	1.9	1.9	1.8	2.0	1.9	1.8
New entrants .....	.4	.4	.4	.4	.4	.4	.4	.4	.5	.4	.5	.5	.4

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**A-12. Unemployed persons by duration of unemployment, seasonally adjusted**

(Numbers in thousands)

Duration	1996									1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>NUMBER OF UNEMPLOYED</b>													
Less than 5 weeks .....	2,450	2,754	2,544	2,603	2,534	2,522	2,556	2,819	2,671	2,801	2,591	2,650	2,364
5 to 14 weeks .....	2,330	2,310	2,201	2,307	2,199	2,245	2,265	2,252	2,357	2,223	2,382	2,380	2,156
15 weeks and over .....	2,387	2,354	2,353	2,326	2,273	2,277	2,294	2,184	2,179	2,155	2,163	2,084	2,092
15 to 26 weeks .....	1,098	1,048	1,051	994	1,003	1,040	1,062	1,018	976	943	1,025	1,001	1,056
27 weeks and over .....	1,289	1,306	1,302	1,332	1,270	1,237	1,232	1,166	1,203	1,212	1,138	1,083	1,034
Average (mean) duration, in weeks .....	17.3	16.9	17.2	16.9	17.2	16.9	16.7	18.0	15.8	16.0	16.0	15.3	15.2
Median duration, in weeks .....	8.6	8.4	8.1	8.5	8.5	8.6	8.3	7.7	7.8	7.7	8.4	7.9	8.3
<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 .....	34.2	37.1	35.8	36.0	36.2	35.8	35.9	38.9	37.1	39.0	36.3	37.4	35.7
5 to 14 weeks .....	32.5	31.1	31.0	31.9	31.4	31.9	31.8	31.0	32.7	31.0	33.4	33.6	32.7
15 weeks and over .....	33.3	31.7	33.2	32.1	32.4	32.3	32.2	30.1	30.2	30.0	30.3	29.1	31.7
15 to 26 weeks .....	15.3	14.1	14.8	13.7	14.3	14.8	14.9	14.0	13.5	13.1	14.4	14.1	16.0
27 weeks and over .....	18.0	17.6	18.3	18.4	18.1	17.6	17.3	16.1	16.7	16.9	15.9	15.0	15.7

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-13. Employment status of the civilian noninstitutional population by age, sex, and race**

(Numbers in thousands)

Age, sex, and race	April 1997									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed				Unemployed		Not in labor force
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
<b>TOTAL</b>	202,674	135,161	66.7	128,629	63.5	3,425	125,205	6,551	4.8	67,494
16 years and over .....	15,309	7,453	48.7	6,285	41.1	253	6,031	1,169	15.7	7,856
16 to 19 years .....	7,801	3,019	38.7	2,419	31.0	117	2,301	600	19.9	4,782
16 to 17 years .....	7,509	4,435	59.1	3,866	51.5	136	3,730	569	12.8	3,074
18 to 19 years .....	17,413	13,273	76.2	12,156	69.8	364	11,792	1,117	8.4	4,140
20 to 24 years .....	116,662	97,972	84.0	94,174	80.7	2,107	92,067	3,797	3.9	18,691
25 to 54 years .....	39,748	33,550	84.4	31,990	80.5	745	31,244	1,560	4.7	8,198
25 to 34 years .....	18,930	16,089	85.0	15,217	80.4	351	14,866	872	5.4	2,842
25 to 29 years .....	20,817	17,461	83.9	18,773	80.6	395	18,378	689	3.9	3,356
30 to 34 years .....	43,723	36,967	84.5	35,559	81.3	785	34,775	1,408	3.8	6,756
35 to 44 years .....	22,515	18,997	84.4	18,240	81.0	409	17,831	757	4.0	3,517
35 to 39 years .....	21,209	17,970	84.7	17,320	81.7	376	16,944	650	3.6	3,239
40 to 44 years .....	33,191	27,455	82.7	26,825	80.2	577	26,048	829	3.0	5,736
45 to 54 years .....	18,388	15,502	84.3	15,074	82.0	337	14,737	429	2.8	2,884
45 to 49 years .....	14,805	11,952	80.7	11,552	78.0	240	11,311	401	3.4	2,853
50 to 54 years .....	21,399	12,629	59.0	12,252	57.3	402	11,850	376	3.0	8,771
55 to 84 years .....	11,544	7,973	69.1	7,732	87.0	215	7,517	241	3.0	3,572
55 to 59 years .....	9,855	4,858	49.2	4,520	45.9	188	4,333	136	2.9	5,199
60 to 64 years .....	31,891	3,854	12.1	3,782	11.8	298	3,484	92	2.4	28,037
65 years and over .....	9,545	2,172	22.8	2,130	22.3	149	1,981	42	1.9	7,373
65 to 69 years .....	8,454	1,048	12.4	1,021	12.1	83	938	27	2.8	7,406
70 to 74 years .....	13,891	634	4.6	611	4.4	66	546	23	3.6	13,257
75 years and over .....										
<b>Men</b>										
16 years and over .....	97,474	72,755	74.6	69,105	70.9	2,814	66,291	3,850	5.0	24,719
16 to 19 years .....	7,794	3,822	49.0	3,148	40.4	218	2,931	674	17.8	3,973
16 to 17 years .....	4,008	1,549	38.7	1,205	30.1	97	1,108	344	22.2	2,459
18 to 19 years .....	3,788	2,272	60.0	1,943	51.3	120	1,823	330	14.5	1,514
20 to 24 years .....	8,851	7,027	81.2	6,429	74.3	295	6,134	598	8.5	1,624
25 to 54 years .....	57,368	52,669	91.8	50,584	88.1	1,589	48,995	2,105	4.0	4,718
25 to 34 years .....	18,819	18,203	96.2	17,375	88.8	574	16,801	828	4.5	1,416
25 to 29 years .....	9,319	8,625	92.6	8,153	87.5	284	7,870	471	5.5	894
30 to 34 years .....	10,301	9,578	93.0	9,222	89.5	291	8,931	358	3.7	723
35 to 44 years .....	21,590	19,931	92.3	19,114	88.5	582	18,532	817	4.1	1,859
35 to 39 years .....	11,128	10,325	92.8	9,908	89.0	308	9,598	419	4.1	803
40 to 44 years .....	10,462	8,608	81.8	8,207	88.0	274	8,934	398	4.1	858
45 to 54 years .....	18,179	14,536	80.0	14,078	87.0	413	13,662	480	3.2	1,843
45 to 49 years .....	8,972	8,188	91.3	7,946	88.6	239	7,706	243	3.0	784
50 to 54 years .....	7,207	6,348	88.1	6,130	85.1	174	5,958	218	3.4	859
55 to 64 years .....	10,218	8,987	88.2	8,733	85.9	292	8,441	234	3.4	3,249
55 to 59 years .....	5,543	4,387	78.8	4,213	78.0	157	4,056	154	3.5	1,178
60 to 64 years .....	4,873	2,800	57.7	2,520	53.9	138	2,384	80	3.1	2,073
65 years and over .....	13,425	2,270	16.9	2,230	16.8	239	1,991	40	1.7	11,156
65 to 69 years .....	4,378	1,248	28.5	1,228	28.0	128	1,097	22	1.6	3,130
70 to 74 years .....	3,721	640	17.2	633	17.0	59	574	7	1.1	3,082
75 years and over .....	5,326	382	7.2	372	7.0	52	320	11	2.8	4,944
<b>Women</b>										
16 years and over .....	105,200	62,426	59.3	59,525	56.6	811	58,714	2,901	4.6	42,775
16 to 19 years .....	7,515	3,632	48.3	3,138	41.7	36	3,101	495	13.6	3,883
16 to 17 years .....	3,792	1,489	39.3	1,213	32.0	20	1,194	256	17.4	2,323
18 to 19 years .....	3,723	2,162	58.1	1,823	51.7	18	1,807	239	11.1	1,560
20 to 24 years .....	8,762	6,248	71.3	5,727	65.4	68	5,658	519	8.3	2,516
25 to 54 years .....	59,274	45,302	76.4	43,610	73.6	538	43,072	1,682	3.7	13,972
25 to 34 years .....	20,128	15,347	76.2	14,615	72.8	171	14,444	733	4.8	4,781
25 to 29 years .....	9,812	7,484	77.7	7,064	73.5	67	6,998	400	5.4	2,148
30 to 34 years .....	10,517	7,863	75.0	7,551	71.8	104	7,447	332	4.2	2,833
35 to 44 years .....	22,134	17,036	77.0	16,448	74.3	203	16,243	591	3.5	5,097
35 to 39 years .....	11,387	8,872	78.2	8,334	73.2	101	8,232	339	3.9	2,715
40 to 44 years .....	10,747	8,364	77.8	8,112	75.5	102	8,010	252	3.0	2,383
45 to 54 years .....	17,012	12,919	75.9	12,550	73.8	164	12,386	369	2.9	4,093
45 to 49 years .....	9,414	7,314	77.7	7,128	75.7	98	7,031	186	2.5	2,100
50 to 54 years .....	7,598	5,605	73.8	5,421	71.4	86	5,355	163	3.3	1,993
55 to 64 years .....	11,184	5,862	52.5	5,519	49.4	110	5,409	143	2.5	5,522
55 to 59 years .....	8,001	3,605	45.1	3,519	43.8	58	3,461	87	2.4	2,398
60 to 64 years .....	5,183	2,056	39.7	2,001	38.6	52	1,948	58	2.7	3,126
65 years and over .....	18,465	1,584	8.6	1,532	8.3	59	1,473	52	3.3	16,881
65 to 69 years .....	5,187	924	17.9	904	17.5	21	883	20	2.2	4,243
70 to 74 years .....	4,733	408	8.6	388	8.2	24	364	20	4.9	4,325
75 years and over .....	8,585	252	2.9	240	2.8	13	226	12	4.8	8,313

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-13. Employment status of the civilian noninstitutional population by age, sex, and race—Continued**

(Numbers in thousands)

Age, sex, and race	April 1997									
	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
			Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force		
<b>WHITE</b>										
16 years and over .....	169,675	113,867	67.1	109,177	64.3	3,254	105,923	4,690	4.1	55,808
16 to 19 years .....	12,134	8,357	52.4	5,503	45.4	250	5,252	854	13.4	5,777
16 to 17 years .....	8,183	2,839	42.7	2,161	35.0	117	2,045	478	18.1	3,544
18 to 19 years .....	5,951	3,718	82.5	3,342	56.2	134	3,208	376	10.1	2,233
20 to 24 years .....	13,945	10,877	78.0	10,160	72.9	348	9,813	717	6.6	3,068
25 to 54 years .....	96,712	82,047	84.8	79,318	82.0	1,989	77,329	2,729	3.3	14,665
25 to 34 years .....	32,248	27,524	85.4	26,442	82.0	704	25,738	1,082	3.9	4,723
25 to 29 years .....	15,301	13,195	86.2	12,578	82.2	330	12,248	817	4.7	2,107
30 to 34 years .....	16,946	14,329	84.6	13,864	81.8	375	13,490	485	3.2	2,617
35 to 44 years .....	36,255	30,951	85.4	29,942	82.6	754	29,189	1,008	3.3	5,304
35 to 39 years .....	18,624	15,835	85.0	15,286	82.1	384	14,901	549	3.5	2,789
40 to 44 years .....	17,632	15,116	85.7	14,657	83.1	369	14,287	459	3.0	2,516
45 to 54 years .....	28,209	23,572	83.6	22,933	81.3	531	22,402	839	2.7	4,637
45 to 49 years .....	15,535	13,247	85.3	12,914	83.1	317	12,597	333	2.5	2,288
50 to 54 years .....	12,674	10,324	81.5	10,019	79.1	214	9,805	305	3.0	2,349
55 to 64 years .....	18,393	11,080	60.2	10,760	58.5	380	10,380	320	2.9	7,313
55 to 59 years .....	9,886	6,982	70.6	6,776	68.5	205	6,572	208	2.9	2,905
60 to 64 years .....	8,507	4,098	48.2	3,984	46.8	176	3,808	114	2.8	4,409
65 years and over .....	28,490	3,506	12.3	3,436	12.1	287	3,149	70	2.0	24,984
65 to 69 years .....	8,409	1,957	23.3	1,928	22.9	143	1,785	29	1.5	6,452
70 to 74 years .....	7,565	982	13.0	960	12.7	81	879	22	2.3	6,583
75 years and over .....	12,518	566	4.5	548	4.4	63	486	18	3.2	11,950
<b>Men</b>										
16 years and over .....	82,400	82,273	75.6	59,579	72.3	2,463	57,116	2,694	4.3	20,127
16 to 19 years .....	6,234	3,290	52.8	2,808	45.0	215	2,593	483	14.7	2,943
16 to 17 years .....	3,193	1,351	42.3	1,067	34.0	97	990	264	19.6	1,842
18 to 19 years .....	3,040	1,939	63.8	1,721	56.6	118	1,602	219	11.3	1,101
20 to 24 years .....	7,068	5,925	83.9	5,516	78.1	280	5,236	409	6.9	1,141
25 to 54 years .....	48,185	44,809	93.0	43,239	89.7	1,464	41,775	1,570	3.5	3,376
25 to 34 years .....	16,119	15,153	94.0	14,564	90.4	539	14,025	588	3.9	968
25 to 29 years .....	7,645	7,188	94.0	6,845	89.5	264	6,581	343	4.8	457
30 to 34 years .....	8,474	7,964	94.0	7,719	91.1	275	7,444	245	3.1	509
35 to 44 years .....	18,128	18,968	93.6	16,349	90.2	552	15,797	619	3.6	1,157
35 to 39 years .....	9,323	8,750	93.9	8,427	90.4	283	8,144	323	3.7	573
40 to 44 years .....	8,803	8,219	93.4	7,922	90.0	269	7,653	297	3.6	584
45 to 54 years .....	13,941	12,688	91.0	12,325	88.4	373	11,952	363	2.9	1,253
45 to 49 years .....	7,709	7,136	92.6	6,936	90.0	220	6,716	201	2.8	573
50 to 54 years .....	6,231	5,551	89.1	5,389	86.5	153	5,236	162	2.9	680
55 to 64 years .....	8,869	6,169	69.5	5,968	67.3	272	5,696	201	3.3	2,701
55 to 59 years .....	4,802	3,855	80.3	3,719	77.4	149	3,570	137	3.5	947
60 to 64 years .....	4,067	2,313	56.9	2,249	55.3	124	2,126	64	2.8	1,754
65 years and over .....	12,047	2,081	17.3	2,049	17.0	231	1,818	32	1.5	9,966
65 to 69 years .....	3,887	1,129	29.0	1,112	28.6	123	989	18	1.6	2,758
70 to 74 years .....	3,333	811	18.3	603	18.1	59	544	8	1.3	2,722
75 years and over .....	4,826	341	7.1	335	6.9	50	285	7	1.9	4,485
<b>Women</b>										
16 years and over .....	87,274	51,593	59.1	49,598	58.8	791	48,807	1,995	3.9	35,681
16 to 19 years .....	5,901	3,067	52.0	2,895	45.7	36	2,880	372	12.1	2,834
16 to 17 years .....	2,990	1,288	43.1	1,074	35.9	20	1,054	214	16.6	1,702
18 to 19 years .....	2,911	1,779	61.1	1,621	55.7	16	1,606	158	8.9	1,132
20 to 24 years .....	6,880	4,952	72.0	4,644	67.5	67	4,577	308	6.2	1,927
25 to 54 years .....	48,527	37,238	76.7	36,079	74.3	525	35,554	1,159	3.1	11,288
25 to 34 years .....	18,128	12,372	76.7	11,878	73.8	165	11,712	494	4.0	3,757
25 to 29 years .....	7,658	8,007	78.5	5,733	74.9	66	5,666	274	4.6	1,649
30 to 34 years .....	8,472	6,365	75.1	6,145	72.5	99	6,046	220	3.5	2,107
35 to 44 years .....	18,130	13,983	77.1	13,584	75.0	202	13,392	389	2.8	4,147
35 to 39 years .....	9,301	7,085	76.2	6,859	73.7	101	6,758	227	3.2	2,216
40 to 44 years .....	8,829	6,897	78.1	6,735	76.3	101	6,634	182	2.4	1,931
45 to 54 years .....	14,268	10,884	78.3	10,608	74.3	158	10,450	278	2.5	3,384
45 to 49 years .....	7,826	6,111	78.1	5,978	76.4	97	5,881	133	2.2	1,715
50 to 54 years .....	6,443	4,773	74.1	4,830	71.9	61	4,569	143	3.0	1,670
55 to 64 years .....	9,524	4,911	51.6	4,792	50.3	108	4,684	119	2.4	4,613
55 to 59 years .....	5,084	3,127	61.5	3,058	60.1	58	3,002	89	2.2	1,958
60 to 84 years .....	4,440	1,785	40.2	1,735	39.1	52	1,683	50	2.8	2,655
65 years and over .....	18,443	1,424	8.7	1,387	8.4	55	1,331	38	2.7	15,019
65 to 69 years .....	4,521	828	18.3	818	18.0	21	795	12	1.4	3,694
70 to 74 years .....	4,232	372	8.8	357	8.4	22	335	15	4.0	3,861
75 years and over .....	7,890	225	2.9	214	2.8	13	201	12	5.2	7,485

HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED

A-13. Employment status of the civilian noninstitutional population by age, sex, and race—Continued

(Numbers in thousands)

Age, sex, and race	April 1997									
	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
<b>BLACK</b>										
16 years and over .....	23,923	15,265	63.8	13,801	57.7	114	13,687	1,463	9.6	8,658
16 to 19 years .....	2,416	838	34.7	583	24.2	2	581	254	30.4	1,578
16 to 17 years .....	1,247	291	23.3	195	15.7	-	195	86	32.9	956
18 to 19 years .....	1,169	547	46.8	388	33.2	2	386	159	29.0	622
20 to 24 years .....	2,494	1,795	72.0	1,470	58.9	13	1,456	325	18.1	699
25 to 54 years .....	14,214	11,340	79.8	10,502	73.9	83	10,419	838	7.4	2,874
25 to 34 years .....	5,293	4,268	80.6	3,897	73.6	23	3,874	371	8.7	1,025
25 to 29 years .....	2,565	2,053	80.0	1,883	72.6	11	1,852	190	9.2	512
30 to 34 years .....	2,728	2,215	81.2	2,034	74.6	12	2,022	181	8.2	513
35 to 44 years .....	5,384	4,358	80.9	4,023	74.7	23	4,001	334	7.7	1,026
35 to 39 years .....	2,817	2,309	82.0	2,137	75.9	22	2,116	172	7.4	508
40 to 44 years .....	2,587	2,048	79.8	1,888	73.5	1	1,885	162	7.9	518
45 to 54 years .....	3,537	2,714	76.7	2,581	73.0	37	2,544	133	4.9	822
45 to 49 years .....	2,084	1,637	78.6	1,566	75.1	13	1,553	71	4.3	447
50 to 54 years .....	1,453	1,078	74.2	1,015	69.9	24	992	62	5.8	375
55 to 64 years .....	2,153	1,064	49.4	1,033	48.0	11	1,023	31	2.9	1,089
55 to 59 years .....	1,177	691	58.7	671	57.0	5	666	20	2.9	486
60 to 64 years .....	976	373	38.2	383	37.1	5	357	11	2.8	603
65 years and over .....	2,647	228	8.6	213	8.0	5	208	15	6.6	2,419
65 to 69 years .....	881	138	15.5	127	14.4	4	123	10	7.0	745
70 to 74 years .....	697	48	6.9	44	6.3	-	44	4	( <sup>1</sup> )	649
75 years and over .....	1,068	43	4.0	42	4.0	1	41	1	( <sup>1</sup> )	1,025
<b>Men</b>										
16 years and over .....	10,724	7,212	67.2	6,482	60.4	107	6,375	730	10.1	3,512
16 to 19 years .....	1,199	416	34.7	260	21.7	2	258	156	37.4	783
16 to 17 years .....	629	155	24.7	92	14.6	-	92	63	40.7	474
18 to 19 years .....	570	261	45.8	168	29.5	2	166	93	35.5	309
20 to 24 years .....	1,131	797	70.5	642	56.8	12	630	155	19.4	334
25 to 54 years .....	8,421	5,378	63.8	4,974	58.7	77	4,897	404	7.5	1,043
25 to 34 years .....	2,373	2,043	86.1	1,870	78.8	23	1,847	173	8.5	330
25 to 29 years .....	1,141	969	84.9	884	77.5	11	872	85	8.8	172
30 to 34 years .....	1,232	1,074	87.1	986	80.0	12	975	88	8.2	159
35 to 44 years .....	2,456	2,061	83.9	1,900	77.4	23	1,878	160	7.8	396
35 to 39 years .....	1,278	1,094	85.8	1,020	79.8	22	999	74	6.8	164
40 to 44 years .....	1,178	966	82.0	880	74.7	1	879	86	8.9	212
45 to 54 years .....	1,592	1,275	80.1	1,204	75.6	31	1,172	72	5.8	318
45 to 49 years .....	945	772	81.7	740	78.3	13	727	32	4.2	173
50 to 54 years .....	647	503	77.7	464	71.7	23	446	39	7.8	144
55 to 64 years .....	931	514	55.2	489	53.8	11	488	15	2.9	418
55 to 59 years .....	514	340	66.2	331	64.5	5	326	9	2.5	174
60 to 64 years .....	417	174	41.6	167	40.1	5	162	6	3.5	244
65 years and over .....	1,042	107	10.3	106	10.2	5	101	1	.6	935
65 to 69 years .....	361	65	17.9	64	17.7	4	60	1	( <sup>1</sup> )	296
70 to 74 years .....	305	19	6.1	19	6.4	-	19	-	( <sup>1</sup> )	287
75 years and over .....	376	24	6.3	23	6.2	1	22	-	( <sup>1</sup> )	352
<b>Women</b>										
16 years and over .....	13,199	8,053	61.0	7,320	55.5	7	7,312	733	9.1	5,146
16 to 19 years .....	1,216	422	34.7	323	26.6	-	323	99	23.4	795
16 to 17 years .....	618	136	22.0	103	16.7	-	103	32	23.9	482
18 to 19 years .....	599	286	47.7	220	36.7	-	220	66	23.1	313
20 to 24 years .....	1,363	998	73.2	828	60.7	1	828	171	17.1	365
25 to 54 years .....	7,793	5,961	76.5	5,528	70.9	6	5,522	433	7.3	1,832
25 to 34 years .....	2,920	2,225	76.2	2,027	69.4	-	2,027	198	8.9	695
25 to 29 years .....	1,425	1,084	78.1	979	68.7	-	979	105	9.7	341
30 to 34 years .....	1,496	1,141	76.3	1,048	70.1	-	1,048	93	8.2	355
35 to 44 years .....	2,928	2,297	78.5	2,123	72.5	-	2,123	174	7.6	630
35 to 39 years .....	1,539	1,215	78.9	1,117	72.6	-	1,117	98	8.1	324
40 to 44 years .....	1,389	1,082	77.9	1,006	72.4	-	1,006	76	7.0	307
45 to 54 years .....	1,945	1,439	74.0	1,378	70.8	6	1,372	61	4.3	506
45 to 49 years .....	1,139	864	75.9	826	72.5	-	826	39	4.5	274
50 to 54 years .....	806	575	71.3	552	68.4	6	546	23	4.0	232
55 to 64 years .....	1,222	551	45.1	534	43.7	-	534	16	2.9	671
55 to 59 years .....	663	351	52.9	339	51.2	-	339	12	3.3	312
60 to 64 years .....	559	200	35.7	195	34.9	-	195	4	2.2	359
65 years and over .....	1,605	121	7.5	107	6.6	-	107	14	11.9	1,484
65 to 69 years .....	520	72	13.8	63	12.1	-	63	9	( <sup>1</sup> )	446
70 to 74 years .....	392	30	7.6	24	6.2	-	24	5	( <sup>1</sup> )	363
75 years and over .....	892	20	2.8	19	2.8	-	19	-	( <sup>1</sup> )	673

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

NOTE: Beginning in January 1997, data reflect revised population controls used in the

household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-14. 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. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997
<b>TOTAL</b>								
Civilian noninstitutional population .....	200,101	202,674	88,440	89,680	96,857	97,685	14,805	15,309
Civilian labor force .....	132,513	135,181	87,625	88,933	57,636	58,794	7,252	7,453
Percent of population .....	66.2	66.7	76.5	76.9	59.5	60.2	49.0	48.7
Employed .....	125,388	128,629	64,296	65,957	55,081	56,388	6,011	6,285
Agriculture .....	3,344	3,425	2,283	2,396	834	775	227	253
Nonagricultural industries .....	122,044	125,205	62,014	63,560	54,247	55,613	5,784	6,031
Unemployed .....	7,124	6,551	3,328	2,976	2,555	2,406	1,241	1,169
Unemployment rate .....	5.4	4.8	4.9	4.3	4.4	4.1	17.1	15.7
Not in labor force .....	67,589	67,494	20,815	20,746	39,221	38,891	7,553	7,856
<b>White</b>								
Civilian noninstitutional population .....	167,973	169,675	75,320	76,167	80,928	81,373	11,725	12,134
Civilian labor force .....	111,965	113,867	58,003	58,983	47,821	48,526	6,141	6,357
Percent of population .....	66.7	67.1	77.0	77.4	59.1	59.6	52.4	52.4
Employed .....	106,724	109,177	55,499	56,772	45,983	46,902	5,242	5,503
Agriculture .....	3,188	3,254	2,159	2,248	803	756	226	250
Nonagricultural industries .....	103,536	105,923	53,340	54,524	45,180	46,147	5,016	5,252
Unemployed .....	5,241	4,690	2,504	2,212	1,838	1,624	899	854
Unemployment rate .....	4.7	4.1	4.3	3.7	3.8	3.3	14.6	13.4
Not in labor force .....	56,008	55,808	17,317	17,184	33,107	32,847	5,584	5,777
<b>Black</b>								
Civilian noninstitutional population .....	23,519	23,923	9,389	9,525	11,800	11,983	2,330	2,416
Civilian labor force .....	14,900	15,265	6,716	6,796	7,308	7,631	877	838
Percent of population .....	63.4	63.8	71.5	71.3	61.9	63.7	37.6	34.7
Employed .....	13,368	13,801	6,067	6,221	6,707	6,997	594	583
Agriculture .....	88	114	69	105	19	7	-	2
Nonagricultural industries .....	13,280	13,687	5,998	6,116	6,688	6,990	594	581
Unemployed .....	1,532	1,463	648	575	601	635	283	254
Unemployment rate .....	10.3	9.6	9.7	8.5	8.2	8.3	32.3	30.4
Not in labor force .....	8,619	8,658	2,674	2,729	4,492	4,351	1,453	1,578

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-15. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, educational attainment, sex, race, and Hispanic origin**

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic origin	April 1997									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work	
<b>TOTAL ENROLLED</b>										
Total, 16 to 24 years .....	18,043	8,693	48.2	7,772	1,387	6,386	921	198	724	10.8
16 to 19 years .....	12,257	5,228	42.7	4,494	391	4,104	734	109	625	14.0
20 to 24 years .....	5,788	3,465	59.9	3,278	996	2,282	187	88	99	5.4
High school .....	9,939	3,969	39.9	3,286	194	3,092	683	109	574	17.2
College .....	8,104	4,724	58.3	4,487	1,193	3,294	237	87	150	5.0
Full-time students .....	6,896	3,681	53.4	3,489	804	2,685	193	58	134	5.2
Part-time students .....	1,209	1,043	86.3	998	590	409	45	29	18	4.3
Men, 16 to 24 years .....	8,993	4,207	48.8	3,697	749	2,947	511	107	404	12.1
16 to 19 years .....	6,212	2,576	41.5	2,152	210	1,942	424	68	356	16.4
20 to 24 years .....	2,781	1,631	58.7	1,544	539	1,005	87	38	48	5.3
High school .....	5,260	2,093	39.8	1,705	113	1,593	388	58	330	18.5
College .....	3,733	2,114	56.6	1,991	637	1,355	123	49	74	5.8
Full-time students .....	3,227	1,642	50.9	1,541	323	1,218	101	34	67	8.2
Part-time students .....	505	472	93.5	451	314	137	22	15	7	4.6
Women, 16 to 24 years .....	9,050	4,486	49.6	4,076	637	3,438	410	90	320	9.1
16 to 19 years .....	6,045	2,652	43.9	2,342	180	2,162	310	40	269	11.7
20 to 24 years .....	3,005	1,834	61.0	1,734	457	1,277	100	49	51	5.5
High school .....	4,679	1,876	40.1	1,580	81	1,499	296	51	245	15.8
College .....	4,372	2,610	59.7	2,496	557	1,939	115	39	76	4.4
Full-time students .....	3,668	2,040	55.6	1,948	281	1,667	91	25	87	4.5
Part-time students .....	703	571	81.1	547	276	272	23	14	9	4.1
<b>White</b>										
Total, 16 to 24 years .....	14,406	7,484	52.0	6,784	1,168	5,616	700	132	568	9.4
16 to 19 years .....	9,745	4,547	46.7	3,969	349	3,620	578	73	505	12.7
20 to 24 years .....	4,661	2,938	63.0	2,815	819	1,996	123	59	63	4.2
Men .....	7,257	3,669	50.6	3,279	658	2,621	390	75	315	10.6
Women .....	7,149	3,815	53.4	3,505	510	2,995	310	57	253	8.1
High school .....	7,815	3,423	43.8	2,897	156	2,741	527	73	454	15.4
College .....	6,592	4,061	61.6	3,887	1,012	2,875	174	60	114	4.3
Full-time students .....	5,585	3,180	56.9	3,036	508	2,528	145	40	105	4.6
Part-time students .....	1,007	881	87.4	852	504	348	29	20	9	3.3
<b>Black</b>										
Total, 16 to 24 years .....	2,604	896	34.4	720	181	538	176	49	127	19.7
16 to 19 years .....	1,894	515	27.2	390	41	349	125	30	95	24.3
20 to 24 years .....	710	381	53.7	330	141	189	51	20	32	13.4
Men .....	1,239	394	31.8	301	67	234	93	23	70	23.6
Women .....	1,365	501	36.7	418	114	304	83	26	57	16.5
High school .....	1,648	427	25.9	303	38	266	124	28	96	29.1
College .....	956	469	49.0	417	144	273	52	22	30	11.1
Full-time students .....	796	335	42.0	296	72	224	38	15	23	11.4
Part-time students .....	181	134	83.4	120	72	49	14	7	7	10.2
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	2,109	849	40.2	673	174	499	175	59	116	20.8
16 to 19 years .....	1,511	486	32.1	351	49	303	135	31	103	27.7
20 to 24 years .....	598	363	60.7	322	126	196	41	28	13	11.2
Men .....	1,117	464	41.6	361	108	254	103	36	65	22.2
Women .....	992	384	38.7	312	67	245	72	21	51	18.8
High school .....	1,343	372	27.7	239	29	211	133	36	95	35.6
College .....	786	477	62.2	434	146	288	43	21	21	9.0
Full-time students .....	590	328	55.2	299	63	237	27	7	20	8.2
Part-time students .....	176	151	85.8	135	63	51	18	15	1	10.7

See footnotes at end of table.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-15. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, educational attainment, sex, race, and Hispanic origin—Continued**

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic origin	April 1997									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work	
<b>TOTAL NOT ENROLLED</b>										
Total, 16 to 24 years .....	14,679	12,033	82.0	10,668	8,879	1,789	1,365	1,195	170	11.3
16 to 19 years .....	3,052	2,225	72.9	1,790	1,266	524	435	365	70	19.6
20 to 24 years .....	11,627	9,808	84.4	8,878	7,612	1,266	930	830	100	9.5
Less than a high school diploma .....	3,824	2,544	66.5	2,042	1,562	480	502	449	53	19.7
High school graduates, no college .....	6,268	5,294	84.5	4,710	3,908	804	584	513	71	11.0
Less than a bachelor's degree .....	3,302	2,952	89.4	2,710	2,299	411	242	199	43	8.2
College graduates .....	1,285	1,243	96.7	1,206	1,112	94	37	34	3	3.0
<b>Men, 16 to 24 years .....</b>	<b>7,453</b>	<b>6,842</b>	<b>89.1</b>	<b>5,881</b>	<b>5,232</b>	<b>649</b>	<b>761</b>	<b>687</b>	<b>74</b>	<b>11.5</b>
16 to 19 years .....	1,582	1,246	78.7	998	815	181	250	210	40	20.1
20 to 24 years .....	5,870	5,396	91.9	4,885	4,417	468	511	477	35	9.5
Less than a high school diploma .....	2,118	1,693	79.9	1,381	1,158	223	312	278	35	16.4
High school graduates, no college .....	3,264	2,972	91.0	2,864	2,402	262	308	291	17	10.4
Less than a bachelor's degree .....	1,539	1,455	94.6	1,330	1,205	125	128	103	23	8.6
College graduates .....	532	522	96.1	506	467	39	16	17	-	3.1
<b>Women, 16 to 24 years .....</b>	<b>7,227</b>	<b>5,391</b>	<b>74.6</b>	<b>4,787</b>	<b>3,647</b>	<b>1,141</b>	<b>804</b>	<b>508</b>	<b>96</b>	<b>11.2</b>
16 to 19 years .....	1,470	980	66.7	794	451	343	185	155	31	18.9
20 to 24 years .....	5,757	4,412	76.6	3,993	3,195	798	419	353	65	9.5
Less than a high school diploma .....	1,708	851	49.9	661	404	257	190	173	18	22.3
High school graduates, no college .....	3,004	2,323	77.3	2,046	1,504	542	277	222	54	11.9
Less than a bachelor's degree .....	1,764	1,497	84.9	1,380	1,094	286	117	96	21	7.8
College graduates .....	753	721	95.7	700	645	55	20	17	3	2.8
<b>White</b>										
Total, 16 to 24 years .....	11,873	9,750	83.5	8,679	7,414	1,465	871	761	110	8.9
16 to 19 years .....	2,389	1,811	75.8	1,534	1,080	454	277	232	45	15.3
20 to 24 years .....	9,284	7,939	85.5	7,345	6,334	1,011	594	529	65	7.5
Men .....	6,042	5,546	91.8	5,045	4,486	558	501	457	45	9.0
Women .....	5,631	4,204	74.7	3,835	2,928	907	370	304	66	8.8
Less than a high school diploma .....	2,933	2,036	69.4	1,723	1,318	405	313	284	29	15.4
High school graduates, no college .....	4,948	4,219	85.3	3,843	3,205	637	377	325	52	8.9
Less than a bachelor's degree .....	2,699	2,431	90.1	2,273	1,925	348	158	131	27	6.5
College graduates .....	1,093	1,064	97.3	1,041	966	75	23	21	2	2.1
<b>Black</b>										
Total, 16 to 24 years .....	2,305	1,737	75.4	1,333	1,095	238	404	351	52	23.2
16 to 19 years .....	521	323	61.9	194	139	55	129	104	25	40.1
20 to 24 years .....	1,783	1,414	79.3	1,140	956	183	274	247	27	19.4
Men .....	1,091	819	75.0	601	538	64	217	190	27	26.6
Women .....	1,214	918	75.6	732	557	175	186	161	25	20.3
Less than a high school diploma .....	723	423	58.5	259	194	66	164	142	22	38.7
High school graduates, no college .....	1,058	850	80.5	687	558	129	163	147	16	19.2
Less than a bachelor's degree .....	438	377	86.1	304	269	35	73	60	14	19.4
College graduates .....	87	88	98.8	83	74	9	3	2	1	3.7
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	2,629	2,003	76.2	1,733	1,443	290	270	235	35	13.5
16 to 19 years .....	595	398	66.6	308	230	78	90	76	14	22.5
20 to 24 years .....	2,033	1,606	79.0	1,425	1,213	212	181	160	21	11.2
Men .....	1,453	1,331	91.6	1,169	1,027	142	163	136	27	12.2
Women .....	1,176	672	57.2	564	416	148	108	100	8	16.0
Less than a high school diploma .....	1,406	972	69.1	826	675	151	146	135	11	15.1
High school graduates, no college .....	815	662	81.3	582	495	87	60	69	11	12.1
Less than a bachelor's degree .....	347	312	90.0	272	223	50	40	28	12	12.8
College graduates .....	61	57	( <sup>1</sup> )	53	51	2	4	4	-	( <sup>1</sup> )

<sup>1</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. Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-16. Employed and unemployed full- and part-time workers by age, sex, and race**

(In thousands)

Age, sex, and race	April 1997									
	Employed <sup>1</sup>							Unemployed		
	Full-time workers				Part-time workers			Looking for full-time work	Looking for part-time work	
	Total	At work		Not at work	Total	At work <sup>2</sup>				Not at work
35 hours or more		1 to 34 hours for economic or noneconomic reasons	Part time for economic reasons			Part time for noneconomic reasons				
<b>TOTAL</b>										
Total, 16 years and over .....	104,695	93,460	8,239	2,996	23,934	2,959	19,793	1,162	5,175	1,376
16 to 19 years .....	1,657	1,351	265	41	4,628	246	4,219	163	473	695
16 to 17 years .....	166	117	41	8	2,253	53	2,119	82	134	466
18 to 19 years .....	1,491	1,234	224	33	2,375	193	2,100	81	339	229
20 years and over .....	103,036	92,109	7,974	2,955	19,307	2,713	15,575	1,019	4,701	681
20 to 24 years .....	8,608	7,714	703	191	3,548	537	2,909	102	918	199
25 years and over .....	94,430	84,395	7,271	2,764	15,759	2,176	12,666	917	3,783	482
25 to 54 years .....	82,641	74,097	6,311	2,233	11,534	1,914	9,037	583	3,430	367
55 years and over .....	11,789	10,298	960	531	4,225	261	3,629	335	353	115
<b>Men, 16 years and over</b> .....	61,420	55,573	4,254	1,592	7,685	1,214	8,132	339	3,015	635
16 to 19 years .....	1,025	845	165	16	2,123	98	1,957	67	278	395
20 years and over .....	60,394	54,729	4,090	1,576	5,562	1,115	4,175	272	2,737	239
20 to 24 years .....	4,956	4,461	400	95	1,473	289	1,182	23	515	83
25 years and over .....	55,439	50,267	3,690	1,482	4,089	846	2,993	250	2,222	156
25 to 54 years .....	48,211	43,849	3,184	1,168	2,354	730	1,522	102	2,000	105
55 years and over .....	7,228	6,418	496	314	1,735	117	1,471	148	222	51
<b>Women, 16 years and over</b> .....	43,276	37,887	3,985	1,403	16,249	1,745	13,661	843	2,159	742
16 to 19 years .....	632	508	100	25	2,505	148	2,281	96	195	300
20 years and over .....	42,844	37,381	3,885	1,379	13,744	1,597	11,400	747	1,964	442
20 to 24 years .....	3,653	3,253	303	98	2,074	268	1,727	79	403	116
25 years and over .....	38,991	34,128	3,581	1,282	11,670	1,329	9,673	668	1,562	325
25 to 54 years .....	34,430	30,247	3,117	1,065	9,180	1,185	7,514	481	1,430	262
55 years and over .....	4,581	3,880	464	217	2,490	144	2,159	187	131	64
<b>White</b>										
Men, 16 years and over .....	52,894	47,843	3,886	1,385	6,685	941	5,423	320	2,215	479
16 to 19 years .....	901	745	142	14	1,906	86	1,755	65	174	309
20 years and over .....	51,993	47,098	3,544	1,351	4,778	855	3,668	255	2,041	170
20 to 24 years .....	4,243	3,802	359	81	1,273	215	1,036	22	358	51
25 years and over .....	47,750	43,296	3,165	1,269	3,505	640	2,632	233	1,684	119
25 to 54 years .....	41,320	37,596	2,739	985	1,919	551	1,279	88	1,499	71
55 years and over .....	6,431	5,700	446	285	1,586	89	1,353	145	185	48
Women, 16 years and over .....	35,198	30,849	3,253	1,096	14,400	1,366	12,279	755	1,410	586
16 to 19 years .....	528	425	79	24	2,168	109	1,986	73	130	241
20 years and over .....	34,670	30,424	3,174	1,072	12,232	1,256	10,293	683	1,279	344
20 to 24 years .....	2,910	2,590	242	78	1,734	200	1,468	66	231	77
25 years and over .....	31,760	27,834	2,933	994	10,498	1,057	8,826	616	1,049	267
25 to 54 years .....	27,863	24,499	2,538	825	8,216	931	6,639	445	945	214
55 years and over .....	3,897	3,334	394	168	2,282	125	1,986	171	104	53
<b>Black</b>										
Men, 16 years and over .....	5,833	5,268	396	169	649	186	450	12	603	127
16 to 19 years .....	97	72	22	2	164	10	152	2	87	69
20 years and over .....	5,736	5,196	373	167	485	176	298	10	516	59
20 to 24 years .....	508	475	30	3	134	47	88	-	127	28
25 years and over .....	5,228	4,721	343	164	351	130	210	11	389	30
25 to 54 years .....	4,700	4,246	308	146	275	116	150	9	374	30
55 years and over .....	529	475	35	19	76	14	60	2	15	-
Women, 16 years and over .....	6,048	5,238	589	220	1,272	302	912	57	603	130
16 to 19 years .....	83	61	22	-	240	35	195	11	47	51
20 years and over .....	5,965	5,178	567	220	1,031	268	718	46	556	79
20 to 24 years .....	589	526	50	13	238	61	171	7	140	31
25 years and over .....	5,378	4,652	516	207	793	207	547	39	416	48
25 to 54 years .....	4,873	4,242	467	164	655	199	432	24	396	37
55 years and over .....	503	411	49	43	138	8	116	15	20	11

<sup>1</sup> Employed persons are classified as full- or part-time workers based on their usual weekly hours at all jobs regardless of the number of hours they are at work during the reference week. Persons absent from work are also classified according to their usual status.

<sup>2</sup> Includes some persons at work 35 hours or more classified by their reason for working part time.

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-17. Employed persons 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. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997
Total .....	125,388	128,629	67,415	69,105	64,296	65,957	57,973	59,525	55,081	56,388
Managerial and professional specialty .....	36,094	37,565	18,538	19,076	18,448	18,984	17,555	18,489	17,436	18,367
Executive, administrative, and managerial .....	17,469	18,272	9,904	10,192	9,876	10,153	7,566	8,080	7,526	8,040
Officials and administrators, public administration .....	705	630	384	327	383	327	321	303	321	303
Other executive, administrative, and managerial .....	12,398	13,201	7,673	8,023	7,649	7,989	4,725	5,179	4,694	5,141
Management-related occupations .....	4,367	4,441	1,847	1,842	1,844	1,837	2,520	2,598	2,512	2,596
Professional specialty .....	18,625	19,293	8,635	8,884	8,572	8,831	9,990	10,409	9,909	10,327
Engineers .....	1,902	2,112	1,751	1,890	1,751	1,889	151	222	150	221
Mathematical and computer scientists .....	1,319	1,490	919	1,002	917	991	400	488	400	488
Natural scientists .....	533	531	398	377	398	377	135	154	135	154
Health diagnosing occupations .....	890	997	676	751	676	751	214	247	214	247
Health assessment and treating occupations .....	2,805	2,900	396	376	396	374	2,410	2,524	2,406	2,520
Teachers, college and university .....	975	898	545	510	532	502	430	388	426	377
Teachers, except college and university .....	4,787	4,895	1,238	1,184	1,230	1,174	3,549	3,710	3,515	3,674
Lawyers and judges .....	799	842	553	604	553	604	247	238	247	238
Other professional specialty occupations .....	4,615	4,627	2,161	2,189	2,121	2,169	2,454	2,438	2,416	2,409
Technical, sales, and administrative support .....	37,450	37,998	13,444	13,692	12,718	12,983	24,006	24,306	22,486	22,596
Technicians and related support .....	3,808	4,125	1,782	2,009	1,750	1,968	2,026	2,117	2,014	2,078
Health technologists and technicians .....	1,607	1,695	326	348	323	348	1,280	1,347	1,273	1,325
Engineering and science technicians .....	1,120	1,198	850	932	827	905	270	266	270	253
Technicians, except health, engineering, and science .....	1,081	1,233	606	729	599	714	476	503	472	499
Sales occupations .....	15,217	15,638	7,786	7,830	7,288	7,347	7,431	7,808	6,443	6,749
Supervisors and proprietors .....	4,457	4,653	2,799	2,871	2,783	2,852	1,658	1,781	1,643	1,755
Sales representatives, finance and business services .....	2,562	2,554	1,481	1,448	1,463	1,428	1,081	1,106	1,060	1,080
Sales representatives, commodities, except retail .....	1,532	1,452	1,161	1,128	1,160	1,119	371	323	361	315
Sales workers, retail and personal services .....	6,575	6,884	2,319	2,361	1,853	1,926	4,255	4,523	3,319	3,524
Sales-related occupations .....	91	96	25	22	24	21	66	74	60	74
Administrative support, including clerical .....	18,425	18,234	3,876	3,853	3,680	3,669	14,549	14,381	14,029	13,770
Supervisors .....	693	675	272	277	270	278	421	398	421	397
Computer equipment operators .....	406	399	154	158	154	152	252	241	247	228
Secretaries, stenographers, and typists .....	3,835	3,593	55	73	53	70	3,780	3,520	3,689	3,418
Financial records processing .....	2,219	2,170	188	172	186	171	2,031	1,997	2,013	1,963
Mail and message distributing .....	1,063	1,021	671	619	652	610	392	401	377	389
Other administrative support, including clerical .....	10,209	10,377	2,536	2,553	2,366	2,388	7,673	7,824	7,282	7,374
Service occupations .....	17,074	17,319	6,934	6,954	6,017	6,015	10,140	10,365	9,108	9,289
Private household .....	728	766	22	21	17	16	705	745	633	669
Protective service .....	2,123	2,212	1,788	1,817	1,766	1,785	335	394	321	380
Service, except private household and protective .....	14,223	14,341	5,123	5,116	4,235	4,214	9,100	9,226	8,155	8,240
Food service .....	5,918	5,881	2,592	2,524	1,896	1,839	3,326	3,357	2,657	2,648
Health service .....	2,375	2,348	279	273	267	261	2,096	2,074	2,013	2,010
Cleaning and building service .....	3,235	3,122	1,759	1,766	1,643	1,645	1,476	1,356	1,414	1,296
Personal service .....	2,695	2,991	493	552	429	468	2,202	2,439	2,071	2,286
Precision production, craft, and repair .....	13,364	14,087	12,172	12,820	11,928	12,571	1,192	1,267	1,166	1,239
Mechanics and repairers .....	4,456	4,572	4,285	4,391	4,179	4,310	171	180	169	176
Construction trades .....	4,992	5,434	4,865	5,290	4,769	5,170	128	144	121	136
Other precision production, craft, and repair .....	3,916	4,082	3,023	3,139	2,981	3,091	893	943	876	927
Operators, fabricators, and laborers .....	17,975	18,183	13,569	13,737	12,655	12,799	4,405	4,445	4,249	4,276
Machine operators, assemblers, and inspectors .....	7,772	7,944	4,816	4,988	4,694	4,844	2,956	2,956	2,891	2,888
Transportation and material moving occupations .....	5,249	5,421	4,720	4,877	4,614	4,786	529	544	517	528
Motor vehicle operators .....	4,031	4,059	3,532	3,581	3,446	3,516	499	478	487	463
Other transportation and material moving occupations .....	1,218	1,362	1,188	1,296	1,167	1,270	30	67	30	65
Handlers, equipment cleaners, helpers, and laborers .....	4,953	4,817	4,034	3,872	3,347	3,169	920	945	841	859
Construction laborers .....	761	790	735	741	667	699	26	49	24	46
Other handlers, equipment cleaners, helpers, and laborers .....	4,192	4,027	3,299	3,131	2,679	2,469	894	896	818	813
Farming, forestry, and fishing .....	3,431	3,478	2,757	2,825	2,531	2,605	674	653	636	622
Farm operators and managers .....	1,297	1,305	1,001	1,007	996	986	296	298	296	291
Other farming, forestry, and fishing occupations .....	2,134	2,174	1,755	1,818	1,534	1,619	379	356	341	331

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.



**HOUSEHOLD DATA**  
**NOT SEASONALLY ADJUSTED**

**A-18. Employed persons by occupation, race, and sex**

(Percent distribution)

Occupation and race	Total		Men		Women	
	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	125,388	128,629	67,415	69,105	57,973	59,525
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	28.8	29.2	27.5	27.6	30.3	31.1
Executive, administrative, and managerial .....	13.9	14.2	14.7	14.7	13.0	13.6
Professional specialty .....	14.9	15.0	12.8	12.9	17.2	17.5
Technical, sales, and administrative support .....	29.9	29.5	19.9	19.8	41.4	40.8
Technicians and related support .....	3.0	3.2	2.6	2.9	3.5	3.6
Sales occupations .....	12.1	12.2	11.5	11.3	12.8	13.1
Administrative support, including clerical .....	14.7	14.2	5.7	5.6	25.1	24.2
Service occupations .....	13.6	13.5	10.3	10.1	17.5	17.4
Private household .....	.6	.6	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.3
Protective service .....	1.7	1.7	2.7	2.6	.6	.7
Service, except private household and protective .....	11.3	11.1	7.6	7.4	15.7	15.5
Precision production, craft, and repair .....	10.7	11.0	18.1	18.6	2.1	2.1
Operators, fabricators, and laborers .....	14.3	14.1	20.1	19.9	7.6	7.5
Machine operators, assemblers, and inspectors .....	6.2	6.2	7.1	7.2	5.1	5.0
Transportation and material moving occupations .....	4.2	4.2	7.0	7.1	.9	.9
Handlers, equipment cleaners, helpers, and laborers .....	4.0	3.7	6.0	5.6	1.6	1.6
Farming, forestry, and fishing .....	2.7	2.7	4.1	4.1	1.2	1.1
<b>White</b>						
Total, 16 years and over (thousands) .....	106,724	109,177	58,245	59,579	48,480	49,598
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	29.9	30.4	28.5	28.6	31.6	32.4
Executive, administrative, and managerial .....	14.7	15.0	15.5	15.6	13.7	14.4
Professional specialty .....	15.2	15.3	13.0	13.1	17.9	18.1
Technical, sales, and administrative support .....	30.0	29.6	20.0	19.8	42.0	41.3
Technicians and related support .....	3.0	3.2	2.6	2.9	3.5	3.6
Sales occupations .....	12.6	12.5	12.1	11.9	13.2	13.3
Administrative support, including clerical .....	14.4	13.9	5.2	5.1	25.4	24.4
Service occupations .....	12.4	12.4	9.2	9.1	16.3	16.3
Private household .....	.5	.6	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.2
Protective service .....	1.6	1.6	2.5	2.4	.4	.5
Service, except private household and protective .....	10.3	10.2	6.7	6.7	14.7	14.5
Precision production, craft, and repair .....	11.1	11.4	18.7	19.1	2.0	2.0
Operators, fabricators, and laborers .....	13.5	13.3	19.2	18.9	6.8	6.7
Machine operators, assemblers, and inspectors .....	5.7	5.7	6.8	6.9	4.4	4.3
Transportation and material moving occupations .....	4.1	4.1	6.8	6.7	.9	.9
Handlers, equipment cleaners, helpers, and laborers .....	3.7	3.6	5.6	5.3	1.5	1.5
Farming, forestry, and fishing .....	3.0	3.0	4.5	4.4	1.3	1.3
<b>Black</b>						
Total, 16 years and over (thousands) .....	13,368	13,801	6,356	6,482	7,011	7,320
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	19.5	19.0	16.5	15.8	22.1	21.9
Executive, administrative, and managerial .....	8.4	8.4	7.5	8.2	9.2	8.6
Professional specialty .....	11.1	10.6	9.0	7.6	12.9	13.3
Technical, sales, and administrative support .....	28.7	29.4	17.7	18.4	38.6	39.1
Technicians and related support .....	2.7	2.9	2.1	2.7	3.3	3.2
Sales occupations .....	8.6	9.0	6.4	6.2	10.6	11.5
Administrative support, including clerical .....	17.3	17.4	9.2	9.5	24.7	24.4
Service occupations .....	22.5	21.4	19.2	17.4	25.5	24.9
Private household .....	1.0	.9	( <sup>1</sup> )	-	1.8	1.6
Protective service .....	3.1	3.0	4.8	4.8	1.7	1.5
Service, except private household and protective .....	18.5	17.5	14.6	12.6	22.0	21.8
Precision production, craft, and repair .....	7.7	8.7	13.7	15.9	2.2	2.3
Operators, fabricators, and laborers .....	20.8	20.5	31.3	30.5	11.3	11.8
Machine operators, assemblers, and inspectors .....	9.2	9.3	10.5	10.4	8.0	8.3
Transportation and material moving occupations .....	5.7	6.0	10.5	11.3	1.3	1.3
Handlers, equipment cleaners, helpers, and laborers .....	6.0	5.2	10.4	8.8	2.0	2.0
Farming, forestry, and fishing .....	.8	1.1	1.4	2.1	.3	.2

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

NOTE: Beginning in January 1997, data reflect revised population

controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-19. Employed persons by industry and occupation**

(In thousands)

Industry	April 1997												
	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 .....	3,425	127	82	53	23	154	-	10	29	3	68	33	2,843
Mining .....	601	102	51	18	10	54	-	7	206	32	98	24	-
Construction .....	8,264	1,250	164	38	77	419	-	40	4,725	83	586	853	27
Manufacturing .....	20,746	2,890	1,942	702	751	2,070	-	242	3,855	6,462	774	961	96
Durable goods .....	12,571	1,766	1,305	459	334	1,152	-	139	2,757	3,682	406	483	88
Nondurable goods .....	8,175	1,124	638	243	417	918	-	104	1,098	2,780	368	477	8
Transportation and public utilities .....	9,229	1,247	581	328	291	2,260	-	339	1,268	165	2,225	510	15
Wholesale and retail trade .....	26,602	2,505	520	213	11,190	2,270	-	5,046	1,469	318	1,042	1,909	122
Wholesale trade .....	4,896	612	114	46	1,915	754	-	71	302	110	482	414	77
Retail trade .....	21,706	1,893	406	167	9,275	1,516	-	4,974	1,166	209	559	1,495	45
Finance, insurance, and real estate .....	8,091	2,388	275	128	2,025	2,688	-	302	199	10	17	26	31
Services .....	46,103	6,580	14,781	2,389	1,235	7,064	766	8,950	2,151	833	553	478	323
Private households .....	882	4	5	3	-	3	766	63	8	-	-	7	24
Other service industries .....	45,221	6,577	14,776	2,386	1,235	7,061	-	8,886	2,143	833	553	470	299
Professional services .....	30,932	3,990	12,975	2,056	251	5,208	-	5,394	417	184	309	81	69
Public administration .....	5,568	1,181	898	256	35	1,254	-	1,618	185	38	58	24	20

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

controls used in the household survey.

NOTE: Beginning in January 1997, data reflect revised population

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-20. Employed persons in agriculture and nonagricultural industries by age, sex, and class of worker**

(In thousands)

Age and sex	April 1997									
	Agriculture			Nonagricultural industries						
	Wage and salary workers	Self-employed workers	Unpaid family workers	Wage and salary workers					Self-employed workers	Unpaid family workers
				Total	Private industries			Government		
Total	Private household workers	Other private industries								
Total, 16 years and over .....	1,965	1,393	67	115,947	97,640	871	96,789	18,307	9,132	126
16 to 19 years .....	198	34	21	5,953	5,715	83	5,632	238	66	12
16 to 17 years .....	86	19	12	2,269	2,211	43	2,168	58	28	5
18 to 19 years .....	112	16	9	3,684	3,504	40	3,464	180	39	7
20 to 24 years .....	315	39	10	11,518	10,521	136	10,385	997	270	5
25 to 34 years .....	512	208	26	29,623	25,854	124	25,730	3,769	1,593	29
35 to 44 years .....	442	339	4	31,939	26,514	194	26,320	5,425	2,809	27
45 to 54 years .....	291	285	1	23,735	18,352	150	18,201	5,384	2,286	26
55 to 64 years .....	146	253	3	10,421	8,349	116	8,233	2,072	1,412	16
65 years and over .....	61	235	2	2,758	2,336	69	2,267	423	695	11
<b>Men, 16 years and over .....</b>	<b>1,522</b>	<b>1,045</b>	<b>47</b>	<b>60,930</b>	<b>52,842</b>	<b>64</b>	<b>52,777</b>	<b>8,088</b>	<b>5,525</b>	<b>36</b>
16 to 19 years .....	172	30	15	2,895	2,808	8	2,800	87	27	-
16 to 17 years .....	74	16	7	1,096	1,062	2	1,080	15	9	3
18 to 19 years .....	98	14	8	1,798	1,726	7	1,720	72	18	-
20 to 24 years .....	253	34	8	5,975	5,535	9	5,526	441	157	1
25 to 34 years .....	405	151	19	15,893	14,196	18	14,178	1,696	903	5
35 to 44 years .....	304	275	-	16,880	14,551	10	14,541	2,330	1,647	5
45 to 54 years .....	230	183	-	12,274	9,897	9	9,889	2,376	1,384	5
55 to 64 years .....	106	186	-	5,517	4,566	3	4,563	951	915	8
65 years and over .....	51	186	2	1,496	1,288	7	1,281	208	491	4
<b>Women, 16 years and over .....</b>	<b>443</b>	<b>348</b>	<b>20</b>	<b>55,018</b>	<b>44,799</b>	<b>807</b>	<b>43,992</b>	<b>10,219</b>	<b>3,607</b>	<b>89</b>
16 to 19 years .....	26	4	6	3,058	2,907	75	2,832	152	39	3
16 to 17 years .....	12	3	-	1,172	1,129	41	1,088	43	19	3
18 to 19 years .....	14	2	-	1,886	1,778	34	1,744	108	21	-
20 to 24 years .....	62	5	2	5,542	4,986	127	4,859	556	113	3
25 to 34 years .....	107	57	7	13,730	11,658	105	11,552	2,073	690	24
35 to 44 years .....	137	64	2	15,058	11,963	184	11,779	3,095	1,162	22
45 to 54 years .....	61	101	1	11,462	8,454	142	8,313	3,007	902	22
55 to 64 years .....	40	68	2	4,904	3,783	112	3,670	1,122	497	8
65 years and over .....	10	48	-	1,262	1,047	62	986	215	204	7

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-21. Persons at work in agriculture and nonagricultural industries by hours of work**

Hours of work	April 1997					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	124,452	3,279	121,173	100.0	100.0	100.0
1 to 34 hours .....	30,169	957	29,212	24.2	29.2	24.1
1 to 4 hours .....	1,180	65	1,115	.9	2.0	.9
5 to 14 hours .....	5,036	233	4,803	4.0	7.1	4.0
15 to 29 hours .....	15,373	446	14,927	12.4	13.6	12.3
30 to 34 hours .....	8,580	213	8,367	6.9	6.5	6.9
35 hours and over .....	94,283	2,321	91,962	75.8	70.8	75.9
35 to 39 hours .....	8,475	162	8,313	6.8	5.0	6.9
40 hours .....	46,422	832	45,591	37.3	25.4	37.6
41 hours and over .....	39,386	1,327	38,058	31.6	40.5	31.4
41 to 48 hours .....	14,333	252	14,080	11.5	7.7	11.6
49 to 59 hours .....	14,473	461	14,012	11.6	14.1	11.6
60 hours and over .....	10,580	614	9,968	8.5	18.7	8.2
Average hours, total at work .....	39.5	41.4	39.4	-	-	-
Average hours, persons who usually work full time .....	43.7	47.6	43.6	-	-	-

NOTE: Detail on persons at work in tables A-21 through A-25 may not sum to the totals shown because of minor editing problems associated with the

redesigned survey. Beginning in January 1997, data reflect revised population controls used in the household survey.

**A-22. Persons at work 1 to 34 hours in all and nonagricultural industries by reason for working less than 35 hours and usual full- or part-time status**

(Numbers in thousands)

Reason for working less than 35 hours	April 1997					
	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 .....	30,169	8,239	21,929	29,212	7,940	21,272
Economic reasons .....	4,244	1,453	2,790	4,066	1,356	2,710
Slack work or business conditions .....	2,419	1,229	1,190	2,279	1,142	1,137
Could only find part-time work .....	1,571	-	1,571	1,547	-	1,547
Seasonal work .....	98	68	30	88	63	25
Job started or ended during week .....	156	156	-	151	151	-
Noneconomic reasons .....	25,925	6,786	19,139	25,146	6,584	18,562
Child-care problems .....	629	98	531	620	98	522
Other family or personal obligations .....	5,809	697	5,112	5,645	677	4,969
Health or medical limitations .....	693	-	693	650	-	650
In school or training .....	7,030	81	6,949	6,874	79	6,795
Retired or Social Security limit on earnings .....	1,976	-	1,976	1,871	-	1,871
Vacation or personal day .....	2,635	2,635	-	2,613	2,613	-
Holiday, legal or religious .....	80	80	-	80	80	-
Weather-related curtailment .....	502	502	-	427	427	-
All other reasons .....	6,570	2,693	3,878	6,365	2,610	3,755
Average hours:						
Economic reasons .....	23.2	24.6	22.5	23.3	24.7	22.6
Other reasons .....	21.0	25.4	19.4	21.1	25.5	19.5

NOTE: Beginning in January 1997, data reflect revised population

controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-23. Persons at work in nonagricultural industries by class of worker and usual full- or part-time status**

(Numbers in thousands)

Industry and class of worker	April 1997							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
Total 16 years and over .....	121,173	29,212	4,066	6,584	18,562	91,962	39.4	43.6
Wage and salary workers .....	112,481	26,447	3,597	6,134	16,715	86,034	39.3	43.3
Mining .....	573	64	13	33	18	509	47.0	48.1
Construction .....	6,602	1,228	378	493	358	5,373	40.2	42.0
Manufacturing .....	19,769	2,200	304	1,077	819	17,569	42.6	43.7
Durable goods .....	11,982	1,192	153	649	389	10,790	43.1	43.9
Nondurable goods .....	7,788	1,008	150	428	430	6,779	41.8	43.2
Transportation and public utilities .....	8,474	1,242	188	455	599	7,232	42.4	44.4
Wholesale and retail trade .....	24,036	8,282	1,217	995	6,071	15,753	36.6	43.4
Finance, insurance, and real estate .....	7,192	1,209	93	372	743	5,983	40.2	42.8
Service industries .....	40,405	11,421	1,350	2,237	7,834	28,984	38.1	43.3
Private households .....	853	519	110	45	364	334	28.1	41.1
All other industries .....	39,553	10,902	1,240	2,192	7,470	28,650	38.3	43.3
Public administration .....	5,429	799	55	471	273	4,630	40.9	42.2
Self-employed workers .....	8,567	2,706	465	441	1,800	5,861	40.2	47.1
Unpaid family workers .....	126	59	4	9	46	67	36.9	47.8

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-24. Persons at work in nonagricultural industries by age, sex, race, marital status, and usual full- or part-time status**

(Numbers in thousands)

Age, sex, race, and marital status	April 1997							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
<b>TOTAL</b>								
Total, 16 years and over .....	121,173	29,212	4,066	6,584	18,562	91,962	39.4	43.6
16 to 19 years .....	5,841	4,512	281	189	4,042	1,329	23.0	38.9
16 to 17 years .....	2,225	2,108	52	34	2,022	117	17.0	34.8
18 to 19 years .....	3,617	2,405	229	155	2,021	1,212	26.7	39.3
20 years and over .....	115,332	24,699	3,785	6,395	14,520	90,633	40.2	43.7
20 to 24 years .....	11,514	3,950	700	476	2,774	7,564	35.6	41.6
25 years and over .....	103,818	20,749	3,085	5,919	11,746	83,069	40.8	43.8
25 to 54 years .....	89,315	16,326	2,720	5,158	8,448	72,989	41.3	43.9
55 years and over .....	14,503	4,424	365	761	3,298	10,080	37.3	43.3
<b>Men, 16 years and over</b> .....	64,666	10,708	1,975	3,131	5,602	53,958	42.4	45.0
16 to 19 years .....	2,862	2,054	123	107	1,824	808	24.7	39.4
16 to 17 years .....	1,076	1,013	21	18	974	63	17.6	34.9
18 to 19 years .....	1,785	1,040	103	88	850	745	28.9	39.8
20 years and over .....	61,805	8,655	1,852	3,024	3,779	53,150	43.2	45.1
20 to 24 years .....	6,027	1,729	370	253	1,105	4,299	37.5	42.5
25 years and over .....	55,778	6,926	1,481	2,771	2,674	48,852	43.8	45.3
25 to 54 years .....	47,764	5,078	1,288	2,430	1,361	42,686	44.5	45.5
55 years and over .....	8,014	1,848	194	341	1,313	6,166	39.9	44.4
<b>Women, 16 years and over</b> .....	56,507	18,503	2,091	3,453	12,959	38,004	36.0	41.6
16 to 19 years .....	2,979	2,459	158	82	2,219	521	21.5	38.1
16 to 17 years .....	1,148	1,094	32	15	1,048	54	16.5	( <sup>1</sup> )
18 to 19 years .....	1,831	1,364	126	67	1,171	467	24.6	38.5
20 years and over .....	53,528	16,045	1,933	3,371	10,741	37,483	36.8	41.6
20 to 24 years .....	5,487	2,221	330	223	1,669	3,266	33.4	40.6
25 years and over .....	48,040	13,823	1,603	3,148	9,072	34,217	37.2	41.7
25 to 54 years .....	41,551	11,248	1,432	2,728	7,087	30,303	37.7	41.8
55 years and over .....	6,490	2,576	171	420	1,984	3,914	34.1	41.5
<b>Race</b>								
White, 16 years and over .....	102,521	25,300	3,246	5,502	16,552	77,221	39.4	43.8
Men .....	55,528	9,238	1,586	2,711	4,940	46,290	42.6	45.3
Women .....	46,993	16,062	1,660	2,791	11,611	30,931	35.7	41.7
Black, 16 years and over .....	13,237	2,764	632	812	1,319	10,473	39.0	41.8
Men .....	6,202	985	280	282	423	5,217	40.7	43.0
Women .....	7,035	1,778	352	531	896	5,257	37.4	40.6
<b>Marital status</b>								
Men, 16 years and over:								
Married, spouse present .....	39,731	4,497	858	1,959	1,681	35,234	44.4	45.7
Widowed, divorced, or separated .....	7,917	1,137	282	385	470	6,780	43.1	45.0
Single (never married) .....	17,018	5,074	836	787	3,452	11,944	37.3	42.9
Women, 16 years and over:								
Married, spouse present .....	30,713	9,899	891	1,866	7,142	20,814	36.1	41.4
Widowed, divorced, or separated .....	11,456	2,906	473	893	1,540	8,550	38.4	41.9
Single (never married) .....	14,338	5,698	727	694	4,277	8,640	33.9	41.6

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

used in the household survey.

NOTE: Beginning in January 1997, data reflect revised population controls

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-25. Persons at work in nonfarm occupations by sex and usual full- or part-time status**

(Numbers in thousands)

Occupation and sex	April 1997							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
<b>Total, 16 years and over<sup>1</sup></b>	<b>121,150</b>	<b>29,205</b>	<b>4,039</b>	<b>6,568</b>	<b>18,598</b>	<b>91,945</b>	<b>39.4</b>	<b>43.6</b>
<b>Managerial and professional specialty</b>	<b>36,390</b>	<b>6,262</b>	<b>552</b>	<b>1,949</b>	<b>3,761</b>	<b>30,128</b>	<b>42.5</b>	<b>45.5</b>
Executive, administrative, and managerial	17,786	2,256	212	901	1,144	15,529	44.4	46.2
Professional specialty	18,605	4,005	340	1,048	2,618	14,599	40.7	44.6
<b>Technical, sales, and administrative support</b>	<b>36,764</b>	<b>10,549</b>	<b>1,078</b>	<b>1,985</b>	<b>7,486</b>	<b>26,216</b>	<b>37.5</b>	<b>42.7</b>
Technicians and related support	3,978	837	61	279	497	3,141	39.4	42.2
Sales occupations	15,097	4,617	596	575	3,447	10,480	38.6	45.2
Administrative support, including clerical	17,690	5,095	421	1,132	3,541	12,595	36.1	40.8
<b>Service occupations</b>	<b>16,777</b>	<b>7,026</b>	<b>1,151</b>	<b>850</b>	<b>5,025</b>	<b>9,751</b>	<b>34.0</b>	<b>41.8</b>
Private household	747	465	97	41	327	282	27.7	40.6
Protective service	2,161	324	20	129	175	1,836	42.2	44.5
Service, except private household and protective	13,869	6,237	1,034	680	4,523	7,632	33.0	41.2
<b>Precision production, craft, and repair</b>	<b>13,630</b>	<b>1,986</b>	<b>553</b>	<b>924</b>	<b>509</b>	<b>11,643</b>	<b>41.8</b>	<b>42.9</b>
<b>Operators, fabricators, and laborers</b>	<b>17,589</b>	<b>3,382</b>	<b>705</b>	<b>860</b>	<b>1,817</b>	<b>14,206</b>	<b>40.4</b>	<b>43.2</b>
Machine operators, assemblers, and inspectors	7,706	1,026	232	364	430	6,680	41.0	42.4
Transportation and material moving occupations	5,236	872	176	237	458	4,364	43.4	46.2
Handlers, equipment cleaners, helpers, and laborers	4,647	1,484	298	258	928	3,162	35.8	40.8
<b>Men, 16 years and over<sup>1</sup></b>	<b>64,491</b>	<b>10,629</b>	<b>1,950</b>	<b>3,121</b>	<b>5,558</b>	<b>53,862</b>	<b>42.4</b>	<b>45.0</b>
<b>Managerial and professional specialty</b>	<b>18,613</b>	<b>2,039</b>	<b>254</b>	<b>802</b>	<b>983</b>	<b>16,574</b>	<b>45.7</b>	<b>47.4</b>
Executive, administrative, and managerial	9,966	892	122	396	374	9,073	46.8	48.0
Professional specialty	8,648	1,147	131	406	609	7,501	44.4	46.6
<b>Technical, sales, and administrative support</b>	<b>13,343</b>	<b>2,429</b>	<b>284</b>	<b>582</b>	<b>1,564</b>	<b>10,914</b>	<b>42.0</b>	<b>45.5</b>
Technicians and related support	1,942	279	17	137	126	1,663	41.5	43.2
Sales occupations	7,656	1,358	165	245	948	6,299	43.5	47.4
Administrative support, including clerical	3,744	792	102	200	490	2,952	39.3	42.9
<b>Service occupations</b>	<b>6,773</b>	<b>2,084</b>	<b>387</b>	<b>300</b>	<b>1,398</b>	<b>4,689</b>	<b>37.1</b>	<b>42.9</b>
Private household	20	13	8	-	5	7	( <sup>2</sup> )	( <sup>2</sup> )
Protective service	1,779	231	11	99	121	1,549	43.1	44.9
Service, except private household and protective	4,973	1,841	367	201	1,272	3,133	34.9	42.0
<b>Precision production, craft, and repair</b>	<b>12,417</b>	<b>1,748</b>	<b>534</b>	<b>836</b>	<b>378</b>	<b>10,669</b>	<b>42.1</b>	<b>43.1</b>
<b>Operators, fabricators, and laborers</b>	<b>13,345</b>	<b>2,328</b>	<b>492</b>	<b>602</b>	<b>1,234</b>	<b>11,016</b>	<b>41.3</b>	<b>44.0</b>
Machine operators, assemblers, and inspectors	4,857	498	107	204	187	4,359	42.4	43.4
Transportation and material moving occupations	4,732	683	158	213	311	4,050	44.3	46.5
Handlers, equipment cleaners, helpers, and laborers	3,755	1,147	227	185	736	2,608	36.2	41.2
<b>Women, 16 years and over<sup>1</sup></b>	<b>56,659</b>	<b>18,577</b>	<b>2,089</b>	<b>3,447</b>	<b>13,041</b>	<b>38,083</b>	<b>36.0</b>	<b>41.6</b>
<b>Managerial and professional specialty</b>	<b>17,777</b>	<b>4,223</b>	<b>298</b>	<b>1,147</b>	<b>2,778</b>	<b>13,554</b>	<b>39.2</b>	<b>43.1</b>
Executive, administrative, and managerial	7,820	1,364	89	505	769	6,456	41.3	43.7
Professional specialty	9,957	2,859	208	642	2,009	7,098	37.6	42.6
<b>Technical, sales, and administrative support</b>	<b>23,421</b>	<b>8,119</b>	<b>794</b>	<b>1,403</b>	<b>5,921</b>	<b>15,302</b>	<b>34.9</b>	<b>40.8</b>
Technicians and related support	2,035	558	44	142	371	1,478	37.3	41.0
Sales occupations	7,440	3,259	431	329	2,499	4,181	33.6	42.1
Administrative support, including clerical	13,946	4,302	319	932	3,051	9,643	35.3	40.1
<b>Service occupations</b>	<b>10,004</b>	<b>4,942</b>	<b>764</b>	<b>550</b>	<b>3,628</b>	<b>5,062</b>	<b>31.9</b>	<b>40.7</b>
Private household	727	452	89	40	323	275	27.6	40.8
Protective service	381	94	9	31	55	288	38.2	42.2
Service, except private household and protective	8,895	4,396	667	479	3,250	4,500	31.9	40.6
<b>Precision production, craft, and repair</b>	<b>1,213</b>	<b>239</b>	<b>20</b>	<b>88</b>	<b>131</b>	<b>974</b>	<b>38.9</b>	<b>41.4</b>
<b>Operators, fabricators, and laborers</b>	<b>4,244</b>	<b>1,054</b>	<b>213</b>	<b>258</b>	<b>583</b>	<b>3,190</b>	<b>37.4</b>	<b>40.5</b>
Machine operators, assemblers, and inspectors	2,849	528	124	160	243	2,322	38.8	40.6
Transportation and material moving occupations	503	189	18	24	147	314	35.2	42.3
Handlers, equipment cleaners, helpers, and laborers	891	337	71	74	192	554	34.0	39.2

<sup>1</sup> Excludes farming, forestry, and fishing occupations.

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

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-26. 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. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997
Total, 16 years and over .....	4,036	3,650	5.6	5.0	3,089	2,901	5.1	4.6
Married, spouse present .....	1,344	1,195	3.1	2.7	1,139	957	3.4	2.9
Widowed, divorced, or separated .....	644	573	7.7	6.3	861	635	5.3	5.0
Single (never married) .....	2,048	1,882	10.5	9.4	1,289	1,308	8.4	8.0
White, 16 years and over .....	3,018	2,694	4.9	4.3	2,223	1,995	4.4	3.9
Married, spouse present .....	1,153	1,000	3.0	2.6	958	763	3.3	2.6
Widowed, divorced, or separated .....	460	418	6.6	5.5	479	426	4.9	4.3
Single (never married) .....	1,404	1,277	8.9	7.8	766	806	6.8	6.6
Black, 16 years and over .....	804	730	11.2	10.1	728	733	9.4	9.1
Married, spouse present .....	125	134	3.8	4.1	106	129	4.2	5.1
Widowed, divorced, or separated .....	164	120	14.3	9.8	164	177	7.6	8.1
Single (never married) .....	514	477	18.8	17.5	458	427	14.9	12.8
Total, 25 years and over .....	2,667	2,378	4.4	3.8	2,085	1,887	4.1	3.6
Married, spouse present .....	1,236	1,143	2.9	2.7	1,040	854	3.3	2.7
Widowed, divorced, or separated .....	803	540	7.4	6.1	603	602	5.1	4.9
Single (never married) .....	829	695	8.0	6.5	443	431	5.7	5.2
White, 25 years and over .....	2,028	1,803	3.9	3.4	1,528	1,316	3.6	3.0
Married, spouse present .....	1,059	959	2.8	2.6	874	688	3.1	2.4
Widowed, divorced, or separated .....	424	388	6.3	5.4	431	400	4.6	4.1
Single (never married) .....	545	455	6.6	5.4	223	228	4.1	4.0
Black, 25 years and over .....	518	420	8.8	7.0	457	464	7.1	7.0
Married, spouse present .....	114	123	3.6	3.9	94	114	3.9	4.7
Widowed, divorced, or separated .....	160	117	14.2	9.7	157	174	7.5	8.2
Single (never married) .....	243	180	15.1	11.0	206	176	10.8	8.4

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-27. Unemployed persons by occupation and sex**

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997
Total, 16 years and over <sup>1</sup> .....	7,124	6,551	5.4	4.6	5.6	5.0	5.1	4.6
Managerial and professional specialty .....	763	660	2.1	1.7	2.0	1.9	2.1	1.6
Executive, administrative, and managerial .....	405	322	2.3	1.7	2.1	1.6	2.5	1.9
Professional specialty .....	358	338	1.9	1.7	1.9	2.1	1.9	1.4
Technical, sales, and administrative support .....	1,675	1,612	4.3	4.1	4.0	3.8	4.4	4.2
Technicians and related support .....	64	100	1.6	2.4	1.7	2.2	1.6	2.5
Sales occupations .....	853	795	5.3	4.8	4.1	3.8	6.5	5.9
Administrative support, including clerical .....	759	717	4.0	3.8	5.0	4.7	3.7	3.5
Service occupations .....	1,403	1,242	7.6	6.7	8.7	7.4	6.8	6.2
Private household .....	90	49	11.0	6.0	( <sup>2</sup> )	( <sup>2</sup> )	10.1	5.3
Protective service .....	85	110	3.9	4.7	4.1	4.9	2.8	3.8
Service, except private household and protective .....	1,228	1,084	7.9	7.0	10.1	8.2	6.7	6.4
Precision production, craft, and repair .....	831	741	5.9	5.0	6.1	5.0	3.7	4.5
Mechanics and repairers .....	172	157	3.7	3.3	3.7	3.3	3.4	2.6
Construction trades .....	502	448	9.1	7.6	9.3	7.6	4.3	6.8
Other precision production, craft, and repair .....	157	136	3.9	3.2	3.9	2.8	3.6	4.5
Operators, fabricators, and laborers .....	1,817	1,493	8.3	7.6	7.8	7.1	9.5	9.0
Machine operators, assemblers, and inspectors .....	724	522	8.5	6.2	7.4	5.0	10.3	8.0
Transportation and material moving occupations .....	308	299	5.5	5.2	5.7	5.0	4.5	7.5
Handlers, equipment cleaners, helpers, and laborers .....	585	671	10.6	12.2	10.8	12.1	9.4	12.7
Construction laborers .....	177	188	18.8	19.2	18.7	19.4	( <sup>2</sup> )	( <sup>2</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	408	483	8.9	10.7	8.9	10.2	9.0	12.6
Farming, forestry, and fishing .....	272	231	7.4	6.2	6.5	6.0	10.7	7.0
No previous work experience .....	530	540	-	-	-	-	-	-
16 to 19 years .....	376	349	-	-	-	-	-	-
20 to 24 years .....	87	101	-	-	-	-	-	-
25 years and over .....	67	89	-	-	-	-	-	-

<sup>1</sup> Includes a small number of persons whose last job was in the Armed Forces.

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

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-28. Unemployed persons by industry and sex**

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997
Total, 16 years and over .....	7,124	6,551	5.4	4.8	5.6	5.0	5.1	4.6
Nonagricultural private wage and salary workers .....	5,714	5,212	5.7	5.1	6.0	5.2	5.3	4.9
Mining .....	29	14	5.3	2.4	5.0	2.3	7.6	2.5
Construction .....	755	683	11.5	9.7	12.0	10.1	6.4	5.8
Manufacturing .....	1,007	945	4.9	4.5	4.1	3.9	6.3	5.6
Durable goods .....	589	468	4.8	3.7	4.7	3.5	5.1	4.2
Lumber and wood products .....	71	60	8.9	7.0	10.3	6.6	1.1	8.6
Furniture and fixtures .....	29	50	4.4	7.3	4.1	6.0	5.1	5.7
Stone, clay, and glass products .....	27	35	4.5	5.8	4.6	7.6	4.3	.2
Primary metal industries .....	41	23	5.0	3.1	5.0	2.7	4.5	4.8
Fabricated metal products .....	88	36	6.7	2.6	4.7	2.1	13.8	4.4
Machinery and computing equipment .....	74	73	3.0	2.6	3.2	2.8	2.6	2.8
Electrical machinery, equipment, and supplies .....	63	34	3.4	1.8	3.5	1.7	3.2	2.0
Transportation equipment .....	102	95	4.4	4.0	4.3	3.7	4.9	4.7
Automobiles .....	50	65	3.8	4.8	4.0	4.4	3.1	5.9
Other transportation equipment .....	52	30	5.3	2.9	4.6	2.9	7.5	2.8
Professional and photographic equipment .....	30	23	3.9	2.8	4.3	2.5	3.2	3.3
Other durable goods industries .....	65	39	9.2	5.4	8.0	1.8	11.0	10.4
Nondurable goods .....	418	477	4.9	5.6	3.2	4.7	7.6	7.1
Food and kindred products .....	112	155	6.3	9.0	3.8	7.0	11.6	12.8
Textile mill products .....	17	32	2.8	4.6	.4	4.3	5.3	5.5
Apparel and other textile products .....	89	90	9.1	9.1	5.5	7.5	10.4	9.8
Paper and allied products .....	22	32	3.3	4.8	2.5	4.9	5.7	4.2
Printing and publishing .....	66	75	3.7	4.3	2.9	4.9	4.8	3.3
Chemicals and allied products .....	43	33	3.1	2.4	2.5	1.4	4.3	4.3
Rubber and miscellaneous plastics products .....	43	40	4.7	4.5	3.5	3.6	7.4	6.8
Other nondurable goods industries .....	26	20	6.8	5.2	5.7	5.4	8.8	4.7
Transportation and public utilities .....	328	229	4.6	3.1	4.7	3.0	4.4	3.4
Transportation .....	253	149	5.8	3.3	6.1	3.4	4.8	2.9
Communications and other public utilities .....	75	80	2.8	2.8	2.2	2.2	4.0	4.0
Wholesale and retail trade .....	1,684	1,631	6.5	6.2	6.6	5.8	6.5	6.6
Wholesale trade .....	204	137	4.3	2.9	4.2	2.4	4.6	4.1
Retail trade .....	1,480	1,494	7.0	6.9	7.3	6.9	6.7	6.9
Finance, insurance, and real estate .....	157	219	2.1	3.0	2.7	2.9	1.8	3.0
Service industries .....	1,754	1,491	5.5	4.5	6.0	5.1	5.2	4.1
Professional services .....	629	548	3.3	2.8	3.3	2.8	3.3	2.8
Other service industries .....	1,125	942	8.8	7.1	8.3	7.1	9.3	7.0
Agricultural wage and salary workers .....	190	177	9.4	8.3	8.3	8.3	12.7	8.1
Government, self-employed, and unpaid family workers .....	691	622	2.3	2.1	2.4	2.3	2.3	1.9
No previous work experience .....	530	540	-	-	-	-	-	-

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-29. Unemployed persons by reason for unemployment, sex, age, and race**

(Numbers in thousands)

Reason	Total, 16 years and over		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	7,124	6,551	3,328	2,976	2,555	2,406	1,241	1,169	5,241	4,690	1,532	1,463
Job losers and persons who completed temporary jobs .....	3,610	3,050	2,311	1,829	1,125	1,077	175	144	2,836	2,299	641	617
On temporary layoff .....	1,094	988	712	653	319	273	63	62	961	848	93	110
Not on temporary layoff .....	2,517	2,062	1,599	1,176	805	804	112	83	1,875	1,451	548	507
Permanent job losers .....	1,828	1,453	1,141	788	610	609	77	56	1,429	1,036	336	342
Persons who completed temporary jobs .....	689	609	458	388	195	195	36	26	446	415	212	165
Job leavers .....	694	723	310	349	309	298	74	75	510	565	136	126
Reentrants .....	2,291	2,239	651	727	1,023	911	617	600	1,533	1,501	631	572
New entrants .....	530	540	56	72	98	119	376	349	363	325	124	148
<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 and persons who completed temporary jobs .....	50.7	46.6	69.4	61.5	44.0	44.8	14.1	12.3	54.1	49.0	41.9	42.2
On temporary layoff .....	15.4	15.1	21.4	21.9	12.5	11.4	5.0	5.3	18.3	18.1	6.1	7.5
Not on temporary layoff .....	35.3	31.5	48.0	39.5	31.5	33.4	9.1	7.1	35.8	30.9	35.8	34.6
Job leavers .....	9.7	11.0	9.3	11.7	12.1	12.4	6.0	6.4	9.7	12.0	8.9	8.6
Reentrants .....	32.2	34.2	19.6	24.4	40.0	37.9	49.7	51.4	29.2	32.0	41.2	39.1
New entrants .....	7.4	8.2	1.7	2.4	3.8	4.9	30.3	29.9	6.9	6.9	8.1	10.1
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers and persons who completed temporary jobs .....	2.7	2.3	3.4	2.7	2.0	1.8	2.4	1.9	2.5	2.0	4.3	4.0
Job leavers .....	.5	.5	.5	.5	.5	.5	1.0	1.0	.5	.5	.9	.8
Reentrants .....	1.7	1.7	1.0	1.1	1.8	1.5	8.5	8.1	1.4	1.3	4.2	3.7
New entrants .....	.4	.4	.1	.1	.2	.2	5.2	4.7	.3	.3	.8	1.0

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-30. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment**

(Percent distribution)

Reason, sex, and age	April 1997						
	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 .....	6,551	100.0	32.5	30.2	37.2	19.7	17.5
Job losers and persons who completed temporary jobs .....	3,050	100.0	32.8	31.7	35.6	20.5	15.0
On temporary layoff .....	988	100.0	48.5	28.5	23.0	17.8	5.1
Not on temporary layoff .....	2,062	100.0	25.2	33.2	41.6	21.9	19.7
Permanent job losers .....	1,453	100.0	24.1	33.7	42.2	20.8	21.4
Persons who completed temporary jobs .....	609	100.0	27.9	31.9	40.2	24.4	15.8
Job leavers .....	723	100.0	37.6	32.4	30.1	15.4	14.7
Reentrants .....	2,239	100.0	31.0	28.4	40.6	19.8	20.8
New entrants .....	540	100.0	30.7	28.8	42.4	20.6	21.8
Men, 20 years and over .....	2,976	100.0	29.4	28.4	42.2	21.3	20.9
Job losers and persons who completed temporary jobs .....	1,829	100.0	30.4	29.7	39.9	22.5	17.5
On temporary layoff .....	653	100.0	41.5	31.4	27.1	21.1	6.1
Not on temporary layoff .....	1,176	100.0	24.3	28.7	47.0	23.2	23.8
Permanent job losers .....	788	100.0	22.5	29.4	48.1	22.8	25.3
Persons who completed temporary jobs .....	388	100.0	27.7	27.5	44.8	24.2	20.7
Job leavers .....	349	100.0	41.1	26.4	32.4	17.3	15.1
Reentrants .....	727	100.0	23.3	24.7	52.0	21.0	30.9
New entrants .....	72	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 20 years and over .....	2,406	100.0	30.8	33.6	35.8	19.6	16.0
Job losers and persons who completed temporary jobs .....	1,077	100.0	33.2	36.5	30.3	18.2	12.1
On temporary layoff .....	273	100.0	58.5	26.1	17.4	13.2	4.1
Not on temporary layoff .....	804	100.0	25.3	40.0	34.7	19.9	14.7
Permanent job losers .....	609	100.0	25.1	39.9	35.0	17.4	17.6
Persons who completed temporary jobs .....	195	100.0	25.8	40.5	33.7	27.7	5.9
Job leavers .....	298	100.0	26.4	39.6	34.0	17.0	17.0
Reentrants .....	911	100.0	30.7	30.2	39.1	21.7	17.4
New entrants .....	119	100.0	20.6	18.1	61.3	22.1	39.2
Both sexes, 16 to 19 years .....	1,169	100.0	44.0	28.1	27.9	18.0	11.9
Job losers and persons who completed temporary jobs .....	144	100.0	59.8	21.0	19.5	13.5	6.0
On temporary layoff .....	62	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Not on temporary layoff .....	83	100.0	38.5	30.2	31.2	20.8	10.5
Permanent job losers .....	58	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Persons who completed temporary jobs .....	28	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Job leavers .....	75	100.0	65.2	31.2	3.5	-	3.6
Reentrants .....	600	100.0	40.8	30.2	29.0	15.4	13.6
New entrants .....	349	100.0	38.5	26.8	34.7	21.5	13.1

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

controls used in the household survey.

NOTE: Beginning in January 1997, data reflect revised population

**A-31. Unemployed total and full-time workers by duration of unemployment**

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997
Total, 16 years and over .....	7,124	6,551	100.0	100.0	5,715	5,175	100.0	100.0
Less than 5 weeks .....	2,221	2,131	31.2	32.5	1,605	1,486	28.1	28.3
5 to 14 weeks .....	2,133	1,981	29.9	30.2	1,683	1,594	29.4	30.8
15 to 26 weeks .....	1,318	1,205	16.5	18.4	1,042	955	18.2	18.5
27 to 51 weeks .....	818	776	11.5	11.8	640	640	11.2	12.4
52 weeks and over .....	2,770	2,439	38.9	37.2	2,428	2,114	42.5	40.9
Average (mean) duration, in weeks .....	18.9	16.7	-	-	20.5	18.3	-	-
Median duration, in weeks .....	10.6	10.2	-	-	11.8	11.5	-	-

NOTE: Beginning in January 1997, data reflect revised population

controls used in the household survey.

A-32. Unemployed persons by age, sex, race, marital status, and duration of unemployment

Sex, age, race, and marital status	April 1997							Weeks	
	Thousands of persons						Average (mean) duration		
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over					
				Total	15 to 26 weeks	27 weeks and over			
<b>TOTAL</b>									
Total, 16 years and over .....	6,551	2,131	1,981	2,439	1,293	1,147	16.7	10.2	
16 to 19 years .....	1,169	514	329	326	187	139	12.1	6.6	
20 to 24 years .....	1,117	402	315	401	212	189	15.1	9.7	
25 to 34 years .....	1,560	494	510	555	329	226	16.0	10.1	
35 to 44 years .....	1,408	410	403	595	296	299	18.4	11.6	
45 to 54 years .....	829	194	294	341	169	172	20.5	12.0	
55 to 64 years .....	376	89	107	180	88	92	21.6	13.8	
65 years and over .....	92	27	23	41	11	30	25.4	12.9	
<b>Men, 16 years and over</b> .....	3,650	1,171	1,036	1,443	745	698	17.7	11.1	
16 to 19 years .....	674	296	191	187	111	76	11.7	6.7	
20 to 24 years .....	598	207	150	241	117	124	16.5	11.1	
25 to 34 years .....	828	255	235	338	201	137	17.9	11.7	
35 to 44 years .....	817	237	223	357	180	177	19.1	12.1	
45 to 54 years .....	460	113	155	191	78	113	21.6	12.4	
55 to 64 years .....	234	46	77	110	54	56	22.2	13.5	
65 years and over .....	40	16	4	19	4	15	( <sup>1</sup> )	( <sup>1</sup> )	
<b>Women, 16 years and over</b> .....	2,901	959	945	996	548	449	15.4	9.3	
16 to 19 years .....	495	219	137	139	78	63	12.6	6.4	
20 to 24 years .....	519	194	165	180	95	64	13.4	6.6	
25 to 34 years .....	733	240	276	217	129	89	13.9	9.0	
35 to 44 years .....	591	172	180	238	116	123	17.3	11.0	
45 to 54 years .....	369	81	139	149	90	59	19.1	11.1	
55 to 64 years .....	143	43	30	70	34	36	20.7	14.2	
65 years and over .....	52	11	19	22	7	15	( <sup>1</sup> )	( <sup>1</sup> )	
<b>Race</b>									
White, 16 years and over .....	4,690	1,596	1,487	1,607	905	702	15.1	9.4	
Men .....	2,694	911	808	975	550	425	15.9	10.1	
Women .....	1,995	684	679	632	355	277	14.1	8.5	
Black, 16 years and over .....	1,463	421	393	650	321	329	20.2	12.7	
Men .....	730	202	171	358	158	200	22.2	14.2	
Women .....	733	219	223	292	163	129	18.2	11.6	
<b>Marital status</b>									
Men, 16 years and over:									
Married, spouse present .....	1,195	355	354	485	249	236	16.4	11.7	
Widowed, divorced, or separated .....	573	179	186	208	112	95	17.7	10.7	
Single (never married) .....	1,862	637	495	749	383	366	17.2	10.8	
Women, 16 years and over:									
Married, spouse present .....	957	320	314	324	208	116	13.9	9.3	
Widowed, divorced, or separated .....	635	182	210	244	118	126	17.5	9.9	
Single (never married) .....	1,308	458	422	428	222	206	15.5	9.1	

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

NOTE: Beginning in January 1997, data reflect revised population

controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-33. Unemployed persons by occupation, industry, and duration of unemployment**

Occupation and industry	April 1997							
	Thousands of persons						Weeks	
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over			Average (mean) duration	Median duration
				Total	15 to 26 weeks	27 weeks and over		
<b>OCCUPATION</b>								
Managerial and professional specialty .....	660	185	228	247	136	111	16.9	10.6
Technical, sales, and administrative support .....	1,612	537	531	545	294	251	15.7	9.6
Service occupations .....	1,242	461	365	416	206	209	15.5	8.6
Precision production, craft, and repair .....	741	291	182	268	152	117	15.3	9.5
Operators, fabricators, and laborers .....	1,493	423	454	616	335	280	17.8	11.8
Farming, forestry, and fishing .....	231	67	60	105	49	55	19.9	11.2
<b>INDUSTRY<sup>1</sup></b>								
Agriculture .....	177	44	41	92	47	44	22.4	15.3
Construction .....	690	242	198	249	156	93	14.6	10.1
Manufacturing .....	946	272	295	379	200	180	17.8	11.1
Durable goods .....	468	154	133	181	99	82	17.1	10.3
Nondurable goods .....	478	119	162	198	100	98	18.5	11.8
Transportation and public utilities .....	269	56	101	113	50	63	21.0	12.4
Wholesale and retail trade .....	1,636	600	474	562	321	241	14.6	9.1
Finance, insurance, and real estate .....	230	52	89	89	68	22	16.2	11.2
Services .....	1,683	569	519	595	295	300	16.7	9.9
Public administration .....	93	21	28	43	10	34	23.2	13.6
No previous work experience .....	540	166	145	229	111	118	19.0	11.1

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

used in the household survey.

NOTE: Beginning in January 1997, data reflect revised population controls

**A-34. Persons not in the labor force by desire and availability for work, age, and sex**

(In thousands)

Category	Total		Age						Sex			
	Apr. 1996	Apr. 1997	16 to 24 years		25 to 54 years		55 years and over		Men		Women	
			Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997
	Total not in the labor force .....	67,589	67,494	11,851	11,996	18,928	18,691	36,810	36,807	24,504	24,719	43,084
Do not want a job now <sup>1</sup> .....	62,211	62,658	9,824	10,129	16,481	16,461	35,906	36,069	22,239	22,649	39,971	40,009
Want a job <sup>1</sup> .....	5,378	4,836	2,028	1,867	2,447	2,230	904	738	2,265	2,070	3,113	2,766
Did not search for work in previous year .....	3,043	2,593	1,069	915	1,310	1,148	663	531	1,174	1,038	1,869	1,555
Searched for work in previous year <sup>2</sup> .....	2,335	2,242	959	953	1,137	1,082	240	208	1,091	1,032	1,244	1,210
Not available to work now .....	819	762	461	453	323	291	36	18	343	332	477	431
Available to work now .....	1,516	1,480	497	499	814	791	205	190	749	700	767	780
Reason not currently looking:												
Discouragement over job prospects <sup>3</sup> .....	403	379	96	103	246	211	61	65	270	206	133	173
Reasons other than discouragement .....	1,113	1,101	402	396	568	580	143	125	479	494	634	606
Family responsibilities .....	142	170	38	32	84	124	20	15	16	23	126	147
In school or training .....	228	227	185	176	35	51	8	-	115	104	113	123
Ill health or disability .....	156	153	26	21	104	108	25	24	75	71	80	82
Other <sup>4</sup> .....	587	551	152	168	345	297	90	86	273	297	315	254

<sup>1</sup> Includes some persons who are not asked if they want a job.

<sup>2</sup> Persons who had a job in the prior 12 months must have searched since the end of that job.

<sup>3</sup> Includes believes no work available, could not find work, lacks necessary schooling or training, employer thinks too young or old, and other types of discrimination.

<sup>4</sup> Includes those who did not actively look for work in the prior 4 weeks for such reasons as child care and transportation problems, as well as a small number for which reason for nonparticipation was not ascertained.

NOTE: Beginning in January 1997, data reflect revised population controls used in the household survey.

**A-35. Multiple jobholders by selected demographic and economic characteristics**

(Numbers in thousands)

Characteristic	Both sexes				Men				Women			
	Number		Rate <sup>1</sup>		Number		Rate <sup>1</sup>		Number		Rate <sup>1</sup>	
	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997
<b>AGE</b>												
Total, 16 years and over <sup>2</sup> .....	7,500	7,874	6.0	6.1	4,117	4,123	6.1	6.0	3,383	3,751	5.8	6.3
16 to 19 years .....	262	283	4.4	4.5	121	110	3.9	3.5	141	173	4.9	5.5
20 years and over .....	7,238	7,591	6.1	6.2	3,996	4,013	6.2	6.1	3,243	3,577	5.9	6.3
20 to 24 years .....	689	819	5.7	6.7	342	401	5.5	6.2	347	418	6.0	7.3
25 years and over .....	6,550	6,772	6.1	6.1	3,654	3,613	6.3	6.1	2,896	3,159	5.9	6.2
25 to 54 years .....	5,880	6,074	6.4	6.5	3,228	3,236	6.5	6.4	2,652	2,838	6.2	6.5
55 years and over .....	670	698	4.4	4.4	426	377	5.0	4.2	244	321	3.6	4.6
55 to 64 years .....	550	596	4.7	4.9	349	318	5.4	4.7	201	281	3.9	5.1
65 years and over .....	119	101	3.3	2.7	77	61	3.7	2.7	42	40	2.7	2.6
<b>RACE AND HISPANIC ORIGIN</b>												
White .....	6,561	6,889	6.1	6.3	3,595	3,607	6.2	6.1	2,966	3,282	6.1	6.6
Black .....	657	714	4.9	5.2	364	368	5.7	5.7	293	346	4.2	4.7
Hispanic origin .....	429	509	3.8	4.1	234	301	3.4	4.0	195	207	4.4	4.3
<b>MARITAL STATUS</b>												
Married, spouse present .....	4,480	4,392	6.0	5.9	2,741	2,616	6.5	6.2	1,739	1,776	5.4	5.4
Widowed, divorced, or separated .....	1,163	1,441	6.0	7.0	437	512	5.6	6.0	726	929	6.2	7.8
Single (never married) .....	1,857	2,041	5.9	6.2	938	995	5.4	5.5	919	1,046	6.5	7.0
<b>FULL- OR PART-TIME STATUS</b>												
Primary job full time, secondary job part time .....	4,250	4,445	-	-	2,594	2,631	-	-	1,655	1,814	-	-
Primary and secondary jobs both part time .....	1,690	1,826	-	-	544	559	-	-	1,146	1,267	-	-
Primary and secondary jobs both full time .....	241	221	-	-	169	162	-	-	72	59	-	-
Hours vary on primary or secondary job .....	1,301	1,351	-	-	796	762	-	-	506	590	-	-

<sup>1</sup> Multiple jobholders as a percent of all employed persons in specified group.

<sup>2</sup> Includes a small number of persons who work part time on their primary job and full time on their secondary jobs(s), not shown separately.

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. Beginning in January 1997, data reflect revised population controls used in the household survey.

**A-36. Employment status of male Vietnam-era veterans and nonveterans by age**

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Apr. 1996	Apr. 1997	Total		Employed		Unemployed			
			Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997	Number		Percent of labor force	
							Apr. 1996	Apr. 1997	Apr. 1996	Apr. 1997
<b>VIETNAM-ERA VETERANS</b>										
Total, 40 years and over .....	7,736	7,814	6,637	6,729	6,412	6,504	225	226	3.4	3.4
40 to 54 years .....	6,513	6,374	5,910	5,795	5,697	5,611	213	184	3.6	3.2
40 to 44 years .....	1,321	1,094	1,196	982	1,155	930	42	52	3.5	5.3
45 to 49 years .....	3,076	2,787	2,823	2,584	2,713	2,509	110	74	3.9	2.9
50 to 54 years .....	2,116	2,493	1,891	2,230	1,829	2,172	62	58	3.3	2.6
55 years and over .....	1,223	1,440	726	934	715	892	11	42	1.6	4.5
<b>NONVETERANS</b>										
Total, 40 to 54 years .....	18,215	19,193	16,417	17,414	15,699	16,775	718	640	4.4	3.7
40 to 44 years .....	8,486	8,852	7,790	8,166	7,413	7,843	377	323	4.8	4.0
45 to 49 years .....	5,743	6,088	5,177	5,497	4,843	5,333	234	165	4.5	3.0
50 to 54 years .....	3,986	4,273	3,450	3,751	3,343	3,599	108	152	3.1	4.0

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. Beginning in

January 1997, data reflect revised population controls used in the household survey.





**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**B-2. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm 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	42.6	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 .....	35.2	8.32	292.86	43.3	11.63	503.58	37.8	12.13	458.51
1985 .....	34.9	8.57	299.09	43.4	11.98	519.93	37.7	12.32	464.46
1986 .....	34.8	8.76	304.85	42.2	12.46	525.81	37.4	12.48	466.75
1987 .....	34.8	8.98	312.50	42.4	12.54	531.70	37.8	12.71	480.44
1988 .....	34.7	9.28	322.02	42.3	12.80	541.44	37.9	13.08	495.73
1989 .....	34.6	9.66	334.24	43.0	13.26	570.18	37.9	13.54	513.17
1990 .....	34.5	10.01	345.35	44.1	13.68	603.29	38.2	13.77	526.01
1991 .....	34.3	10.32	353.98	44.4	14.19	630.04	38.1	14.00	533.40
1992 .....	34.4	10.57	363.61	43.9	14.54	638.31	38.0	14.15	537.70
1993 .....	34.5	10.83	373.64	44.3	14.60	646.78	38.5	14.38	553.63
1994 .....	34.7	11.12	385.86	44.8	14.88	666.62	38.9	14.73	573.00
1995 .....	34.5	11.44	394.68	44.7	15.30	683.91	38.8	15.08	585.10
1996 .....	34.4	11.82	406.61	45.3	15.60	706.68	38.9	15.43	600.23
<b>Monthly data, not seasonally adjusted</b>									
<b>1996:</b>									
April .....	34.1	\$11.75	\$400.68	44.9	\$15.55	\$698.20	38.6	\$15.19	\$586.33
May .....	34.3	11.73	402.34	45.2	15.44	697.89	38.8	15.27	592.48
June .....	34.9	11.76	410.42	46.0	15.57	716.22	39.6	15.32	606.67
July .....	34.6	11.74	406.20	44.8	15.53	695.74	39.8	15.48	616.10
August .....	34.8	11.77	409.60	45.3	15.51	702.60	39.8	15.55	618.89
September .....	34.9	11.96	417.40	46.0	15.72	723.12	39.7	15.73	624.48
October .....	34.5	11.96	412.62	45.9	15.54	713.29	39.9	15.73	627.63
November .....	34.5	12.01	414.35	45.5	15.66	712.53	38.8	15.59	604.89
December .....	34.9	12.06	420.89	46.0	15.94	733.24	38.5	15.63	601.76
<b>1997:</b>									
January .....	33.9	12.12	410.87	44.2	16.16	714.27	36.3	15.70	569.91
February .....	34.5	12.14	418.83	45.6	16.05	731.88	37.4	15.65	585.31
March <sup>p</sup> .....	34.6	12.17	421.08	45.5	16.03	729.37	38.3	15.64	599.01
April <sup>p</sup> .....	34.4	12.18	418.99	45.0	16.18	728.10	38.7	15.72	608.36

See footnotes at end of table.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**B-2. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm 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
	<b>Annual averages</b>									
1984 .....	40.7	\$2.53	\$2.43	\$102.97	41.1	\$2.89	\$118.78	40.7	\$2.52	\$102.56
1965 .....	41.2	2.81	2.50	107.53	41.3	3.03	125.14	40.8	2.60	106.08
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	130.62	40.3	2.87	115.66
1968 .....	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.04	121.90
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	3.43	136.86
1971 .....	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.4	3.64	143.42
1972 .....	40.5	3.82	3.86	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	39.2	4.07	159.54
1974 .....	40.0	4.42	4.25	178.80	40.2	5.41	217.48	38.8	4.38	169.94
1975 .....	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.6	4.72	182.19
1976 .....	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.02	194.27
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	38.4	6.95	266.88
1981 .....	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.55	290.68
1982 .....	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.08	309.46
1983 .....	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.54	328.79
1984 .....	40.7	9.19	8.82	374.03	39.4	11.12	438.13	38.5	8.88	341.88
1985 .....	40.5	9.54	9.16	386.37	39.5	11.40	450.30	38.4	9.15	351.36
1986 .....	40.7	9.73	9.34	396.01	39.2	11.70	458.64	38.3	9.34	357.72
1987 .....	41.0	9.91	9.48	406.31	39.2	12.03	471.58	38.1	9.59	365.38
1988 .....	41.1	10.19	9.73	418.81	38.8	12.26	475.69	38.1	9.98	380.24
1989 .....	41.0	10.48	10.02	429.68	38.9	12.80	490.14	38.0	10.39	394.82
1990 .....	40.8	10.83	10.37	441.86	38.9	12.97	504.53	38.1	10.79	411.10
1991 .....	40.7	11.18	10.71	455.03	38.7	13.22	511.61	38.1	11.15	424.82
1992 .....	41.0	11.46	10.95	469.86	38.9	13.45	523.21	38.2	11.39	435.10
1993 .....	41.4	11.74	11.18	486.04	39.6	13.62	539.35	38.2	11.74	448.47
1994 .....	42.0	12.07	11.43	506.94	39.9	13.86	553.01	38.4	12.08	463.10
1995 .....	41.6	12.37	11.74	514.59	39.5	14.23	562.09	38.3	12.43	476.07
1996 .....	41.8	12.78	12.12	531.65	39.7	14.52	576.44	38.3	12.84	491.77
	<b>Monthly data, not seasonally adjusted</b>									
<b>1996:</b>										
April .....	41.2	\$12.73	\$12.11	\$524.48	39.2	\$14.49	\$568.01	38.1	\$12.76	\$486.16
May .....	41.6	12.71	12.08	528.74	39.3	14.43	567.10	38.2	12.72	485.90
June .....	41.9	12.75	12.10	534.23	40.1	14.47	580.25	38.8	12.85	498.58
July .....	41.1	12.79	12.16	525.67	39.8	14.51	577.50	38.1	12.80	487.68
August .....	41.8	12.79	12.11	534.62	40.1	14.55	583.46	38.4	12.82	492.29
September .....	42.3	12.90	12.17	545.67	40.3	14.63	589.59	38.6	13.00	501.80
October .....	41.9	12.84	12.16	538.00	39.8	14.54	578.69	38.3	12.91	494.45
November .....	42.1	12.93	12.23	544.35	39.9	14.62	583.34	38.3	13.03	499.05
December .....	42.8	13.07	12.34	559.40	40.0	14.66	586.40	38.7	13.17	509.68
<b>1997:</b>										
January .....	41.5	13.04	12.38	541.18	39.1	14.75	576.73	37.8	13.15	497.07
February .....	41.6	13.02	12.36	541.63	39.8	14.67	583.87	38.5	13.23	509.36
March <sup>p</sup> .....	42.0	13.08	12.39	549.38	39.8	14.68	584.26	38.5	13.25	510.13
April <sup>p</sup> .....	41.8	13.10	12.41	547.56	39.6	14.76	584.50	36.3	13.30	509.39

See footnotes at end of table.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**B-2. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm 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
Annual averages									
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	88.91	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	78.86	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	163.67
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	38.2	7.29	263.90	32.7	7.31	239.04
1984 .....	29.8	5.85	174.33	36.5	7.63	278.50	32.6	7.59	247.43
1985 .....	29.4	5.94	174.64	36.4	7.94	289.02	32.5	7.90	256.75
1986 .....	29.2	6.03	176.08	36.4	8.36	304.30	32.5	8.18	265.85
1987 .....	29.2	6.12	178.70	36.3	8.73	316.90	32.5	8.49	275.93
1988 .....	29.1	6.31	183.62	35.9	9.06	325.25	32.6	8.88	289.49
1989 .....	28.9	6.53	188.72	35.8	9.53	341.17	32.6	9.38	305.79
1990 .....	28.8	6.75	194.40	35.8	9.97	356.93	32.5	9.83	319.48
1991 .....	28.6	6.94	198.48	35.7	10.39	370.92	32.4	10.23	331.45
1992 .....	28.8	7.12	205.06	35.8	10.82	387.36	32.5	10.54	342.55
1993 .....	28.8	7.29	209.95	35.8	11.35	406.33	32.5	10.78	350.35
1994 .....	28.9	7.49	216.46	35.8	11.83	423.51	32.5	11.04	358.80
1995 .....	28.8	7.69	221.47	35.9	12.33	442.65	32.4	11.39	369.04
1996 .....	28.8	7.98	229.82	35.9	12.80	459.52	32.4	11.80	382.32
Monthly data, not seasonally adjusted									
<b>1996:</b>									
April .....	28.4	\$7.92	\$224.93	35.6	\$12.78	\$454.26	32.2	\$11.72	\$377.38
May .....	28.7	7.92	227.30	35.6	12.75	453.90	32.2	11.68	376.10
June .....	29.4	7.97	234.32	36.5	12.76	465.74	32.8	11.67	382.78
July .....	29.4	7.92	232.85	35.5	12.69	450.50	32.5	11.62	377.65
August .....	29.5	7.95	234.53	35.7	12.72	454.10	32.7	11.64	380.63
September .....	29.1	8.08	234.55	36.5	12.90	470.85	32.6	11.91	388.27
October .....	28.7	8.11	232.76	35.7	12.88	459.82	32.4	11.94	386.66
November .....	28.7	8.13	233.33	35.8	12.98	464.68	32.4	12.05	390.42
December .....	29.3	8.15	238.80	36.7	13.03	478.20	32.7	12.17	397.96
<b>1997:</b>									
January .....	28.0	8.23	230.44	35.7	13.00	464.10	32.0	12.20	390.40
February .....	28.7	8.23	236.20	36.7	13.16	482.97	32.7	12.25	400.58
March <sup>p</sup> .....	28.8	8.28	237.89	36.5	13.22	482.53	32.6	12.26	399.68
April <sup>p</sup> .....	28.6	8.28	236.81	35.8	13.14	470.41	32.4	12.22	395.93

<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 1995 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1995 forward are subject to revision.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-3. Employees on nonfarm payrolls by major industry and selected component groups, seasonally adjusted**

(In thousands)

Industry	1996									1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	Apr. <sup>P</sup>
<b>Total</b> .....	118,922	119,332	119,537	119,772	120,052	120,050	120,311	120,492	120,723	120,982	121,296	121,435	121,577
<b>Total private</b> .....	99,527	99,873	100,091	100,288	100,446	100,531	100,803	100,995	101,199	101,438	101,719	101,885	101,995
<b>Goods-producing</b> .....	24,209	24,263	24,274	24,264	24,298	24,257	24,284	24,319	24,356	24,399	24,508	24,499	24,442
<b>Mining</b> .....	573	576	575	570	570	567	566	566	566	568	570	569	570
Metal mining .....	51	52	52	52	52	52	52	52	52	52	52	52	52
Coal mining .....	101	101	101	100	99	98	98	97	97	97	96	96	97
Oil and gas extraction .....	314	316	314	310	311	309	308	308	308	309	312	311	313
Nonmetallic minerals, except fuels .....	107	107	108	108	108	108	108	109	109	110	110	110	108
<b>Construction</b> .....	5,353	5,384	5,401	5,427	5,437	5,449	5,464	5,491	5,520	5,535	5,639	5,614	5,570
General building contractors .....	1,227	1,229	1,232	1,231	1,232	1,233	1,233	1,241	1,250	1,260	1,271	1,267	1,259
Heavy construction, except building .....	765	764	768	769	770	765	765	764	766	765	784	773	761
Special trade contractors .....	3,361	3,391	3,401	3,427	3,435	3,451	3,466	3,486	3,504	3,510	3,584	3,574	3,550
<b>Manufacturing</b> .....	18,283	18,303	18,298	18,267	18,291	18,241	18,254	18,262	18,270	18,296	18,299	18,316	18,302
<b>Durable goods</b> .....	10,654	10,679	10,696	10,680	10,711	10,675	10,684	10,694	10,710	10,734	10,746	10,764	10,761
Lumber and wood products .....	761	762	767	764	769	766	769	771	771	771	775	781	781
Furniture and fixtures .....	498	500	500	500	499	500	499	501	503	503	505	506	502
Stone, clay, and glass products .....	534	537	536	535	536	537	538	537	539	539	540	538	537
Primary metal industries .....	704	705	708	700	706	706	702	703	702	703	703	704	703
Blast furnaces and basic steel products .....	238	239	239	237	237	237	234	234	233	234	234	234	232
Fabricated metal products .....	1,440	1,442	1,450	1,454	1,456	1,456	1,459	1,461	1,462	1,466	1,466	1,467	1,471
Industrial machinery and equipment .....	2,086	2,087	2,088	2,088	2,089	2,082	2,088	2,087	2,092	2,101	2,106	2,111	2,117
Computer and office equipment .....	358	360	359	357	359	359	360	360	361	362	365	369	370
Electronic and other electrical equipment .....	1,650	1,652	1,651	1,656	1,654	1,649	1,648	1,647	1,645	1,642	1,643	1,644	1,645
Electronic components and accessories .....	615	614	614	616	615	613	611	611	611	612	614	618	622
Transportation equipment .....	1,783	1,774	1,775	1,766	1,784	1,764	1,764	1,772	1,776	1,788	1,788	1,796	1,786
Motor vehicles and equipment .....	955	968	967	950	967	955	950	952	953	959	954	961	948
Aircraft and parts .....	447	449	446	453	454	455	463	468	472	476	461	483	487
Instruments and related products .....	832	834	835	832	833	831	833	830	834	832	831	830	832
Miscellaneous manufacturing .....	386	386	386	385	385	384	384	385	386	389	389	387	387
<b>Nondurable goods</b> .....	7,629	7,624	7,602	7,587	7,580	7,566	7,570	7,568	7,580	7,582	7,553	7,552	7,541
Food and kindred products .....	1,667	1,665	1,647	1,640	1,641	1,639	1,641	1,647	1,649	1,659	1,654	1,658	1,656
Tobacco products .....	41	41	41	40	39	40	41	42	41	40	41	42	42
Textile mill products .....	636	637	637	637	633	631	633	628	628	630	625	626	620
Apparel and other textile products .....	858	853	847	849	837	835	834	829	824	818	814	808	806
Paper and allied products .....	677	679	676	672	673	674	674	675	674	673	674	673	672
Printing and publishing .....	1,527	1,526	1,528	1,527	1,527	1,527	1,528	1,525	1,523	1,523	1,524	1,524	1,527
Chemicals and allied products .....	1,024	1,024	1,020	1,019	1,021	1,017	1,017	1,017	1,018	1,017	1,016	1,017	1,017
Petroleum and coal products .....	139	139	140	139	139	139	138	139	138	136	137	136	135
Rubber and misc. plastics products .....	962	963	969	968	976	971	971	974	973	972	975	975	974
Leather and leather products .....	98	97	97	96	94	93	93	92	94	94	93	93	92
<b>Service-producing</b> .....	94,713	95,069	95,263	95,508	95,754	95,793	96,027	96,173	96,367	96,563	96,788	96,936	97,135
<b>Transportation and public utilities</b> .....	6,294	6,309	6,329	6,333	6,342	6,337	6,338	6,350	6,340	6,378	6,403	6,416	6,434
Transportation .....	4,015	4,027	4,045	4,051	4,056	4,052	4,059	4,062	4,057	4,091	4,108	4,115	4,132
Railroad transportation .....	233	232	231	229	230	230	231	229	229	229	227	225	225
Local and interurban passenger transit .....	442	450	454	458	463	458	458	460	462	465	465	467	471
Trucking and warehousing .....	1,882	1,891	1,891	1,888	1,882	1,877	1,877	1,870	1,852	1,861	1,890	1,892	1,897
Water transportation .....	173	167	171	172	173	171	172	172	172	176	175	176	176
Transportation by air .....	837	836	844	848	850	855	859	868	878	876	883	887	890
Pipelines, except natural gas .....	14	14	14	14	14	14	14	14	14	14	14	14	14
Transportation services .....	434	437	440	442	444	447	448	449	450	450	454	454	459
Communications and public utilities .....	2,279	2,282	2,284	2,282	2,286	2,285	2,279	2,288	2,283	2,287	2,295	2,301	2,302
Communications .....	1,378	1,384	1,388	1,391	1,398	1,398	1,398	1,401	1,397	1,404	1,412	1,417	1,423
Electric, gas, and sanitary services .....	901	898	896	891	888	887	886	887	886	883	883	884	879
<b>Wholesale trade</b> .....	6,550	6,567	6,575	6,585	6,603	6,619	6,643	6,651	6,655	6,662	6,690	6,709	6,710
Durable goods .....	3,844	3,850	3,857	3,862	3,871	3,877	3,885	3,890	3,894	3,897	3,914	3,924	3,926
Nondurable goods .....	2,706	2,717	2,718	2,723	2,732	2,742	2,758	2,761	2,761	2,765	2,776	2,785	2,784

See footnotes at end of table.



**ESTABLISHMENT DATA  
WOMEN EMPLOYEES  
SEASONALLY ADJUSTED**

**B-4. Women employees on nonfarm payrolls by major industry and manufacturing group, seasonally adjusted**

(In thousands)

Industry	1996												1997	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	
<b>Total</b> .....	57,315	57,419	57,508	57,681	57,816	57,974	58,129	58,156	58,320	58,395	58,545	58,567	58,713	
<b>Total private</b> .....	46,653	46,739	46,820	46,969	47,118	47,230	47,294	47,369	47,530	47,628	47,727	47,742	47,858	
<b>Goods-producing</b> .....	6,583	6,573	6,559	6,562	6,562	6,560	6,554	6,547	6,554	6,562	6,561	6,571	6,567	
<b>Mining</b> .....	79	79	79	79	79	78	77	77	77	77	76	77	77	
<b>Construction</b> .....	595	598	599	602	606	610	612	610	613	616	619	618	620	
<b>Manufacturing</b> .....	5,909	5,896	5,881	5,881	5,877	5,872	5,865	5,860	5,864	5,869	5,866	5,876	5,870	
<b>Durable goods</b> .....	2,810	2,804	2,807	2,808	2,817	2,815	2,824	2,817	2,817	2,824	2,824	2,837	2,837	
Lumber and wood products .....	128	129	129	130	132	132	132	132	133	134	133	135	134	
Furniture and fixtures .....	156	156	155	155	156	158	157	157	156	157	157	157	157	
Stone, clay, and glass products .....	102	101	101	101	101	100	101	100	101	101	101	102	101	
Primary metal industries .....	100	100	100	100	102	99	101	101	100	100	101	101	102	
Fabricated metal products .....	316	316	316	318	318	320	321	321	322	323	323	324	322	
Industrial machinery and equipment .....	451	451	451	450	452	452	453	451	452	454	455	458	462	
Electronic and other electrical equipment .....	686	686	685	684	684	686	682	683	680	679	679	678	675	
Transportation equipment .....	356	350	356	356	358	355	364	361	361	365	365	370	372	
Instruments and related 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> )	
Miscellaneous manufacturing .....	173	173	172	172	172	172	172	171	171	171	171	172	173	
<b>Nondurable goods</b> .....	3,099	3,092	3,074	3,073	3,060	3,057	3,041	3,043	3,047	3,045	3,042	3,039	3,033	
Food and kindred products .....	549	551	544	547	538	536	534	536	538	541	543	545	544	
Tobacco products .....	12	12	13	13	13	12	11	12	13	13	13	13	13	
Textile mill products .....	302	301	298	298	298	296	294	294	294	293	295	295	293	
Apparel and other textile products .....	654	647	642	637	631	633	619	622	622	618	614	610	606	
Paper and allied products .....	164	163	162	163	163	162	162	162	163	163	163	163	163	
Printing and publishing .....	687	687	686	687	689	689	691	689	690	689	687	685	686	
Chemicals and allied products .....	325	326	325	323	322	322	322	322	322	322	320	321	322	
Petroleum and coal products .....	24	24	23	24	24	24	24	24	24	24	24	24	24	
Rubber and misc. plastics products .....	327	326	327	328	328	331	332	330	330	332	332	332	332	
Leather and leather products .....	55	55	54	53	54	52	52	52	51	50	51	51	50	
<b>Service-producing</b> .....	50,732	50,846	50,949	51,119	51,254	51,414	51,575	51,609	51,766	51,833	51,984	51,996	52,146	
<b>Transportation and public utilities</b> .....	1,883	1,891	1,896	1,901	1,909	1,912	1,916	1,921	1,918	1,927	1,918	1,922	1,928	
<b>Wholesale trade</b> .....	2,014	2,019	2,018	2,019	2,031	2,035	2,043	2,050	2,057	2,060	2,061	2,069	2,073	
<b>Retail trade</b> .....	11,236	11,243	11,268	11,309	11,364	11,421	11,411	11,422	11,484	11,519	11,555	11,519	11,526	
<b>Finance, insurance, and real estate</b> .....	4,360	4,369	4,377	4,395	4,395	4,405	4,410	4,421	4,428	4,436	4,445	4,447	4,458	
<b>Services</b> .....	20,577	20,644	20,702	20,783	20,857	20,897	20,960	21,008	21,089	21,124	21,187	21,214	21,306	
<b>Government</b> .....	10,662	10,680	10,688	10,712	10,698	10,744	10,835	10,787	10,790	10,767	10,818	10,825	10,855	
Federal .....	1,170	1,169	1,171	1,170	1,161	1,160	1,155	1,154	1,155	1,158	1,167	1,155	1,151	
State .....	2,348	2,347	2,354	2,341	2,345	2,344	2,361	2,350	2,352	2,358	2,350	2,344	2,363	
Local .....	7,144	7,164	7,163	7,201	7,192	7,240	7,319	7,283	7,283	7,251	7,301	7,326	7,341	

<sup>1</sup> This series is not published seasonally adjusted because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

NOTE: Establishment survey estimates are currently projected from March 1995 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1992 forward are subject to revision.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-5. Production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted**

(In thousands)

Industry	1996									1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>p</sup>	Apr. <sup>p</sup>
<b>Total private</b> .....	81,550	81,807	82,016	82,209	82,331	82,377	82,634	82,751	82,928	83,009	83,363	83,532	83,566
<b>Goods-producing</b> .....	17,203	17,228	17,247	17,241	17,262	17,233	17,257	17,295	17,334	17,372	17,484	17,452	17,380
<b>Mining</b> .....	425	428	428	423	425	422	422	422	423	427	430	432	432
<b>Construction</b> .....	4,154	4,169	4,185	4,204	4,211	4,220	4,229	4,260	4,295	4,309	4,412	4,369	4,310
<b>Manufacturing</b> .....	12,624	12,631	12,634	12,614	12,626	12,591	12,606	12,613	12,816	12,636	12,642	12,651	12,638
<b>Durable goods</b> .....	7,289	7,300	7,326	7,313	7,339	7,307	7,318	7,327	7,333	7,355	7,368	7,382	7,379
Lumber and wood products .....	625	627	630	629	633	630	634	638	635	635	638	644	644
Furniture and fixtures .....	392	397	395	398	396	396	395	396	397	398	400	401	399
Stone, clay, and glass products .....	415	416	417	416	418	418	420	418	420	420	422	419	418
Primary metal industries .....	547	548	552	545	551	549	549	548	548	548	548	548	549
Blast furnaces and basic steel products .....	183	184	184	183	183	182	181	181	180	181	180	180	179
Fabricated metal products .....	1,080	1,082	1,089	1,092	1,097	1,095	1,097	1,098	1,098	1,103	1,104	1,106	1,110
Industrial machinery and equipment .....	1,301	1,302	1,301	1,301	1,302	1,295	1,300	1,301	1,306	1,313	1,319	1,322	1,326
Electronic and other electrical equipment .....	1,054	1,054	1,051	1,056	1,052	1,048	1,045	1,045	1,042	1,040	1,044	1,044	1,046
Transportation equipment .....	1,191	1,188	1,205	1,195	1,208	1,193	1,195	1,202	1,203	1,211	1,207	1,214	1,205
Motor vehicles and equipment .....	754	760	765	752	772	754	750	751	753	757	751	756	745
Instruments and related products .....	( <sup>a</sup> )	( <sup>a</sup> )	( <sup>a</sup> )	( <sup>a</sup> )	( <sup>a</sup> )	( <sup>a</sup> )	( <sup>a</sup> )	( <sup>a</sup> )	( <sup>a</sup> )	( <sup>a</sup> )	( <sup>a</sup> )	( <sup>a</sup> )	( <sup>a</sup> )
Miscellaneous manufacturing .....	272	272	273	271	270	270	270	271	272	275	274	273	272
<b>Nondurable goods</b> .....	5,335	5,331	5,308	5,301	5,287	5,284	5,288	5,286	5,283	5,281	5,274	5,269	5,259
Food and kindred products .....	1,232	1,234	1,216	1,211	1,209	1,210	1,214	1,219	1,224	1,231	1,226	1,227	1,224
Tobacco products .....	32	31	32	31	29	31	32	33	32	31	32	32	32
Textile mill products .....	538	539	538	538	536	535	537	532	533	534	529	531	527
Apparel and other textile products .....	705	700	695	698	686	684	681	677	673	671	668	661	657
Paper and allied products .....	513	513	511	509	511	513	514	514	514	514	514	513	513
Printing and publishing .....	834	833	834	834	834	832	833	833	831	828	829	829	828
Chemicals and allied products .....	571	569	567	565	564	563	562	562	560	559	559	559	561
Petroleum and coal products .....	89	90	90	90	90	90	90	90	90	89	89	90	90
Rubber and misc. plastics products .....	745	747	750	751	756	754	753	755	753	752	756	756	756
Leather and leather products .....	76	75	75	74	72	72	72	71	73	72	72	71	71
<b>Service-producing</b> .....	64,347	64,579	64,769	64,968	65,069	65,144	65,377	65,456	65,594	65,637	65,879	66,080	66,186
<b>Transportation and public utilities</b> .....	5,292	5,304	5,317	5,324	5,326	5,332	5,331	5,342	5,335	5,376	5,394	5,407	5,419
<b>Wholesale trade</b> .....	5,296	5,311	5,312	5,320	5,337	5,351	5,372	5,380	5,376	5,385	5,405	5,417	5,413
<b>Retail trade</b> .....	18,859	18,916	18,980	19,057	19,051	19,081	19,183	19,211	19,278	19,257	19,294	19,372	19,381
<b>Finance, insurance, and real estate</b> .....	5,068	5,085	5,087	5,101	5,107	5,115	5,129	5,131	5,140	5,154	5,171	5,179	5,194
<b>Services</b> .....	29,832	29,963	30,073	30,168	30,248	30,265	30,362	30,392	30,465	30,465	30,615	30,705	30,779

<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> This series is not published seasonally adjusted because the seasonal component, which is small relative to the trend-cycle and irregular

components, cannot be separated with sufficient precision.

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1995 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1992 forward are subject to revision.

**ESTABLISHMENT DATA  
DIFFUSION INDEXES  
SEASONALLY ADJUSTED**

**B-6. Diffusion indexes of employment change, seasonally adjusted**

(Percent)

Time span	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Private nonfarm payrolls, 356 industries <sup>1</sup>												
Over 1-month span:												
1993 .....	60.0	60.8	51.3	58.6	61.7	55.2	57.7	57.0	61.8	59.7	61.8	59.6
1994 .....	58.8	62.1	66.0	64.2	60.3	63.5	61.5	62.1	60.8	61.5	63.1	63.9
1995 .....	63.2	59.3	54.9	54.6	51.4	55.1	54.1	57.4	51.8	54.8	56.3	59.4
1996 .....	52.4	63.2	60.0	52.4	62.2	57.4	55.8	57.3	52.7	63.1	57.2	59.0
1997 .....	59.8	58.7	<sup>P</sup> 55.6	<sup>P</sup> 54.2								
Over 3-month span:												
1993 .....	63.8	61.2	61.1	59.8	63.1	62.9	59.7	63.1	64.5	67.1	64.6	63.5
1994 .....	67.1	69.5	70.4	68.7	66.4	66.0	68.5	69.5	65.3	65.6	68.0	67.8
1995 .....	66.6	63.2	56.9	53.4	54.2	52.9	56.6	53.8	54.2	54.6	56.3	57.0
1996 .....	60.7	61.8	61.2	60.0	61.0	63.6	60.3	56.7	60.8	60.0	64.6	62.9
1997 .....	64.6	<sup>P</sup> 63.8	<sup>P</sup> 58.8									
Over 6-month span:												
1993 .....	63.3	65.2	63.8	64.2	62.4	65.9	65.7	63.9	66.3	67.3	70.6	69.5
1994 .....	70.8	71.6	69.0	69.8	69.5	69.5	69.2	69.0	69.2	68.5	69.1	66.6
1995 .....	66.3	60.8	58.7	54.4	53.5	54.1	53.1	56.3	55.9	54.1	56.2	61.6
1996 .....	60.3	62.9	63.8	63.8	62.6	59.0	65.2	62.6	61.8	63.9	65.6	<sup>P</sup> 67.0
1997 .....	<sup>P</sup> 65.9											
Over 12-month span:												
1993 .....	64.9	63.9	64.0	65.4	67.0	67.6	67.6	67.0	70.2	69.5	69.2	70.1
1994 .....	70.2	71.6	71.8	71.8	72.1	71.8	71.5	72.1	70.1	69.4	65.7	65.0
1995 .....	62.6	60.8	60.1	61.2	58.1	57.7	54.5	58.7	58.6	57.3	59.4	59.8
1996 .....	61.0	61.7	61.5	61.1	62.8	64.3	64.2	64.6	<sup>P</sup> 64.6	<sup>P</sup> 66.0		
1997 .....												
Manufacturing payrolls, 139 industries <sup>1</sup>												
Over 1-month span:												
1993 .....	52.5	56.5	50.7	45.7	54.0	45.7	49.3	49.3	59.4	53.2	53.6	55.0
1994 .....	56.5	60.1	59.7	58.6	53.2	57.9	57.6	53.6	55.8	54.7	57.2	59.4
1995 .....	56.8	55.0	46.0	45.3	39.2	40.3	45.0	45.0	42.4	45.3	46.4	47.5
1996 .....	42.1	48.2	48.2	39.6	53.2	49.6	43.9	50.0	44.6	54.3	48.2	52.9
1997 .....	54.0	50.4	<sup>P</sup> 49.3	<sup>P</sup> 49.6								
Over 3-month span:												
1993 .....	60.8	56.3	53.2	47.8	48.9	54.0	50.4	58.3	57.6	59.7	54.7	57.6
1994 .....	63.7	64.4	66.2	60.8	56.1	56.8	60.8	58.6	54.0	56.1	60.1	60.8
1995 .....	60.4	51.8	43.5	34.9	33.1	32.0	33.1	35.6	38.8	39.6	40.8	38.8
1996 .....	38.8	39.9	37.8	43.2	45.3	47.5	45.7	40.6	50.7	47.1	51.8	51.4
1997 .....	55.8	<sup>P</sup> 51.1	<sup>P</sup> 47.5									
Over 6-month span:												
1993 .....	56.5	59.0	56.8	55.4	50.7	57.9	59.4	56.5	57.6	58.6	64.4	60.8
1994 .....	62.2	64.4	60.4	61.5	59.0	56.8	56.5	57.2	80.1	55.8	59.7	55.8
1995 .....	55.4	45.0	38.5	33.5	27.7	28.8	28.8	30.6	33.5	33.1	34.2	38.8
1996 .....	32.0	37.4	37.1	38.1	42.4	37.8	48.6	43.5	45.0	51.1	50.0	<sup>P</sup> 52.2
1997 .....	<sup>P</sup> 50.4											
Over 12-month span:												
1993 .....	56.8	57.9	55.8	58.6	57.2	57.6	58.6	59.0	61.2	59.7	60.1	57.6
1994 .....	57.9	58.6	60.8	60.8	60.8	83.3	59.4	60.1	57.2	55.8	49.6	47.5
1995 .....	42.1	40.3	39.9	40.6	34.5	31.7	25.9	28.8	28.1	24.1	27.0	29.1
1996 .....	33.1	33.1	33.8	35.8	37.1	41.0	40.6	41.0	<sup>P</sup> 44.6	<sup>P</sup> 45.0		
1997 .....												

<sup>1</sup> Based on seasonally adjusted data for 1-, 3-, and 6-month spans and unadjusted data for the 12-month span. Data are centered within the span.

<sup>P</sup> = preliminary.

NOTE: Figures are the percent of industries with employment increasing plus one-half of the industries with unchanged employment, where 50 percent

indicates an equal balance between industries with increasing and decreasing employment. Establishment survey estimates are currently projected from March 1995 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1995) and all seasonally adjusted data (beginning January 1992) are subject to revision.





**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1996											1997		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.P	
	Construction													
Alabama .....	92.2	91.6	93.3	92.5	93.1	94.4	95.0	95.0	96.5	97.8	97.8	98.2	99.5	
Alaska .....	12.3	12.6	12.6	12.5	12.4	12.5	12.3	12.4	12.6	12.8	12.6	12.1	11.8	
Arizona .....	124.8	124.1	125.6	126.0	126.3	126.8	127.4	128.4	129.0	129.2	126.4	127.0	127.8	
Arkansas .....	46.3	46.8	47.2	47.4	47.5	47.9	48.2	48.2	48.1	48.3	47.4	48.1	49.2	
California .....	496.0	496.2	503.5	505.0	510.8	514.2	516.7	522.9	528.8	527.4	537.8	548.1	549.6	
Colorado .....	108.7	109.7	111.5	112.4	112.0	113.1	112.9	112.9	114.6	114.7	111.7	115.8	115.9	
Connecticut .....	51.0	51.6	52.3	53.0	52.7	52.5	52.8	52.3	51.9	51.7	51.9	52.6	53.1	
Delaware .....	20.0	19.9	20.0	20.6	20.7	20.9	21.2	21.4	21.5	21.9	21.6	22.1	22.1	
District of Columbia .....	9.0	8.4	8.4	8.3	8.3	8.3	8.5	8.5	8.5	8.5	8.5	9.1	9.1	
Florida .....	325.1	323.8	324.5	323.8	324.8	323.7	323.7	323.1	324.0	324.9	325.9	329.2	328.3	
Georgia .....	164.4	166.2	167.1	166.1	167.1	161.4	163.3	163.9	164.8	165.8	164.1	165.2	164.2	
Hawaii <sup>2</sup> .....	23.9	24.0	23.9	23.7	23.5	23.4	23.2	23.1	20.7	22.7	22.4	22.4	21.9	
Idaho .....	30.1	30.3	31.0	30.7	30.6	30.8	30.3	30.9	30.5	30.4	30.2	30.7	31.5	
Illinois .....	218.7	222.7	219.6	221.1	222.8	221.5	221.7	221.4	222.1	223.2	220.5	219.1	219.9	
Indiana .....	130.0	131.9	134.1	134.4	132.8	133.0	132.5	131.7	131.1	132.9	131.0	132.9	133.3	
Iowa .....	58.7	59.5	58.1	57.9	58.1	57.7	57.9	58.6	58.8	61.3	59.1	60.7	60.9	
Kansas .....	55.8	57.1	57.3	57.3	57.5	57.3	56.6	57.1	57.5	58.2	56.7	58.1	60.2	
Kentucky .....	74.9	75.3	76.3	76.5	77.7	77.9	78.3	78.1	78.3	77.8	79.8	78.7	78.9	
Louisiana .....	113.2	113.2	113.3	114.1	112.7	113.2	112.1	113.0	113.7	113.6	112.8	114.1	111.4	
Maine .....	22.4	22.4	22.6	22.9	23.0	23.3	23.5	23.8	23.7	23.6	23.8	23.5	23.7	
Maryland .....	130.3	130.5	131.3	131.9	130.9	130.7	131.0	131.8	132.8	133.3	137.6	139.2	139.8	
Massachusetts .....	93.0	93.6	94.5	93.9	95.0	95.2	95.2	95.4	95.9	97.0	97.2	98.3	98.3	
Michigan .....	163.0	164.7	168.9	170.0	169.1	169.9	170.0	170.5	171.0	172.9	173.3	179.7	180.0	
Minnesota .....	88.2	87.5	88.8	89.1	89.2	89.5	89.4	89.0	89.0	89.7	92.3	92.3	92.1	
Mississippi .....	49.1	48.7	48.8	48.9	49.3	48.5	48.4	48.3	49.3	49.6	48.5	48.1	48.0	
Missouri .....	113.5	114.2	114.3	114.5	116.0	117.1	115.7	117.7	118.4	120.5	117.7	121.7	118.7	
Montana .....	16.4	16.6	16.7	17.0	16.5	17.0	16.9	17.8	17.8	17.5	16.8	17.4	17.3	
Nebraska .....	36.3	36.5	36.5	36.8	36.9	37.2	37.1	36.8	37.0	37.1	38.3	38.6	39.1	
Nevada .....	70.5	71.5	71.7	73.4	74.9	77.2	78.9	79.3	80.4	80.0	80.2	81.5	81.2	
New Hampshire .....	20.3	20.4	20.5	20.8	21.3	21.4	21.3	21.5	21.5	21.6	21.2	21.1	21.2	
New Jersey .....	123.1	124.0	125.2	125.5	124.6	125.4	125.7	124.4	124.2	124.0	125.0	125.4	126.8	
New Mexico .....	43.8	43.0	43.4	43.0	42.7	42.6	42.3	41.8	41.3	41.5	41.4	41.9	41.9	
New York .....	253.2	251.2	251.0	252.9	257.1	258.9	260.9	260.5	260.2	261.4	251.2	253.9	257.9	
North Carolina .....	183.5	185.3	187.9	188.8	190.2	190.9	191.2	193.1	194.1	194.6	198.2	200.3	200.2	
North Dakota .....	14.7	14.6	14.7	15.2	15.3	15.2	15.1	14.9	15.2	15.5	15.6	15.9	15.8	
Ohio .....	208.8	211.8	212.8	214.2	214.3	213.2	214.1	215.6	214.6	217.2	215.4	217.7	217.6	
Oklahoma .....	49.8	49.9	50.8	50.3	49.4	50.3	50.4	50.8	50.8	51.5	51.0	51.7	52.4	
Oregon .....	75.9	76.5	76.6	77.8	79.0	79.6	80.2	81.3	81.3	81.5	81.8	81.9	79.5	
Pennsylvania .....	200.6	200.8	202.8	204.1	203.8	203.9	204.6	205.4	204.6	205.8	211.6	214.2	212.7	
Rhode Island .....	13.7	13.8	13.9	14.0	14.0	13.5	13.3	13.5	13.4	13.3	13.9	14.3	14.6	
South Carolina .....	90.7	92.3	94.1	96.4	94.8	94.7	94.5	94.6	94.7	95.2	95.8	96.3	96.6	
South Dakota .....	14.2	14.6	14.8	14.9	14.8	14.9	14.8	14.7	14.6	14.8	14.8	14.7	14.7	
Tennessee .....	112.2	112.2	115.6	112.4	113.0	113.0	113.5	114.2	114.9	114.7	115.1	115.8	114.3	
Texas .....	429.2	431.3	434.8	435.9	436.1	437.9	437.4	444.0	444.5	445.1	437.1	447.3	449.1	
Utah .....	58.7	59.3	60.0	60.9	61.1	61.5	60.8	61.2	61.6	61.9	62.0	62.1	61.6	
Vermont .....	12.2	12.4	12.6	12.7	12.6	13.0	13.1	13.2	12.8	12.8	12.8	12.6	12.2	
Virginia .....	173.9	173.4	174.5	174.6	176.0	176.8	177.0	176.6	177.1	178.2	183.1	184.5	185.0	
Washington .....	125.2	125.9	126.1	126.5	127.7	128.6	128.4	129.4	129.7	130.1	130.6	130.6	131.3	
West Virginia .....	33.7	33.4	33.8	34.4	35.0	34.8	35.4	35.2	35.1	35.2	35.4	35.7	36.4	
Wisconsin .....	101.6	101.8	103.4	104.0	107.2	109.2	109.1	108.7	108.9	108.9	107.8	106.8	109.8	
Wyoming .....	13.8	13.8	13.9	13.7	13.8	14.4	14.6	14.6	14.4	14.6	14.6	14.3	14.2	

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1996											1997		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	
	Manufacturing													
Alabama .....	385.2	383.4	382.7	381.7	383.2	380.7	380.6	380.7	381.4	381.5	382.5	382.1	383.2	
Alaska .....	16.5	16.6	16.7	15.9	15.5	15.5	15.3	16.1	16.2	16.0	16.2	15.9	16.6	
Arizona .....	199.6	198.6	199.2	199.4	199.6	199.9	200.4	200.8	200.9	200.7	201.6	202.6	203.0	
Arkansas .....	255.2	254.1	253.1	252.6	252.4	252.7	252.2	252.7	252.3	252.3	251.5	252.9	251.7	
California .....	1,837.8	1,842.1	1,850.9	1,853.5	1,856.6	1,863.3	1,861.6	1,867.0	1,870.0	1,871.5	1,870.4	1,875.5	1,882.2	
Colorado .....	196.6	195.8	196.0	195.8	196.0	196.4	196.3	196.3	196.4	197.0	196.8	197.5	197.7	
Connecticut .....	274.9	275.6	275.7	275.6	275.9	277.1	274.2	274.7	275.0	275.2	274.1	274.4	273.9	
Delaware .....	56.7	61.6	60.8	60.8	58.5	56.4	56.1	56.3	56.5	56.8	57.6	57.9	58.0	
District of Columbia .....	13.2	13.0	13.0	13.2	13.1	13.1	13.0	13.0	13.1	13.3	13.0	13.1	13.2	
Florida .....	489.7	488.0	488.9	488.9	491.8	492.3	492.1	492.2	492.0	493.0	492.4	492.4	492.4	
Georgia .....	584.8	581.8	582.0	581.9	584.9	586.0	585.3	588.7	588.1	587.9	587.6	588.6	589.2	
Hawaii .....	16.8	16.6	16.7	16.7	16.6	16.4	16.4	16.6	16.4	16.5	16.5	16.5	16.4	
Idaho .....	72.4	72.9	72.8	72.8	72.6	72.7	72.5	72.8	72.9	73.0	73.3	73.2	73.4	
Illinois .....	969.1	967.3	967.6	968.3	972.5	973.4	973.5	974.7	975.8	976.5	977.0	980.8	978.4	
Indiana .....	675.0	675.6	676.5	677.8	665.6	674.3	672.8	671.7	671.6	671.6	671.9	673.3	673.7	
Iowa .....	248.6	248.1	248.1	247.2	243.7	245.2	246.4	247.6	247.9	248.1	248.7	247.1	247.1	
Kansas .....	193.8	194.9	195.4	196.8	196.7	197.2	197.4	198.5	198.9	199.3	199.3	199.7	201.0	
Kentucky .....	312.4	311.2	311.3	310.9	310.0	310.2	310.8	312.8	312.7	310.8	313.4	312.5	315.0	
Louisiana .....	186.2	188.2	188.8	188.5	188.6	188.5	188.7	187.9	188.2	188.4	188.0	188.6	188.0	
Maine .....	89.0	89.0	88.5	88.0	87.4	87.7	87.7	87.5	87.6	87.4	87.8	87.7	87.7	
Maryland .....	174.7	174.5	174.2	174.0	174.5	173.9	173.9	173.5	173.4	173.3	173.6	174.1	174.4	
Massachusetts .....	445.4	444.9	444.7	444.6	444.3	443.5	442.5	443.0	442.8	443.4	445.0	445.1	445.7	
Michigan .....	955.8	968.2	966.9	968.8	959.6	973.7	971.9	966.7	964.6	962.0	964.3	963.9	963.1	
Minnesota .....	427.6	427.8	427.8	427.7	429.1	427.8	429.3	427.3	428.5	429.7	432.4	433.0	433.9	
Mississippi .....	246.3	248.0	247.6	247.2	246.5	245.9	244.3	242.8	241.8	241.6	242.0	242.0	242.1	
Missouri .....	419.4	417.7	417.2	410.0	409.9	409.1	408.1	412.5	412.0	410.6	411.0	412.9	412.7	
Montana .....	23.9	23.9	23.8	23.7	23.7	23.9	23.8	23.8	23.9	23.7	23.7	23.9	24.2	
Nebraska .....	113.3	113.3	113.3	113.7	114.1	113.9	113.6	114.3	114.7	114.8	114.1	114.5	114.9	
Nevada .....	38.3	38.3	38.5	38.5	38.5	38.6	38.9	39.1	39.5	39.5	39.5	39.6	39.8	
New Hampshire .....	104.0	104.6	104.6	104.8	104.8	105.1	105.0	105.0	104.8	105.0	105.3	106.1	106.5	
New Jersey .....	488.8	487.6	486.0	486.1	485.2	484.9	483.8	482.6	483.2	483.3	487.1	485.3	484.3	
New Mexico .....	46.2	46.0	45.9	45.8	45.7	45.8	45.7	45.6	45.8	45.8	45.9	46.1	45.9	
New York .....	928.3	923.3	924.2	923.9	924.6	922.0	919.2	917.1	916.1	916.3	915.3	913.7	913.8	
North Carolina .....	851.2	848.8	847.8	846.0	844.9	842.7	843.1	845.4	844.8	844.4	844.1	841.5	843.1	
North Dakota .....	21.5	21.5	21.7	21.5	21.3	21.5	21.7	21.8	21.9	22.1	22.1	22.2	22.2	
Ohio .....	1,086.7	1,095.0	1,094.9	1,095.6	1,096.6	1,099.5	1,093.7	1,093.4	1,085.3	1,088.2	1,086.5	1,085.1	1,091.6	
Oklahoma .....	172.8	173.2	173.9	174.3	174.5	175.4	175.1	176.0	176.0	176.7	176.9	177.0	177.2	
Oregon .....	234.6	234.1	233.9	233.7	233.5	236.0	236.4	236.7	237.9	238.6	240.3	240.8	241.7	
Pennsylvania .....	930.4	931.4	931.6	930.0	929.2	929.3	929.0	929.0	930.1	930.4	931.3	932.6	933.7	
Rhode Island .....	83.2	83.2	83.1	82.9	80.5	82.0	82.0	81.7	81.6	81.5	81.2	80.5	80.5	
South Carolina .....	370.3	366.3	367.2	366.7	364.9	363.9	362.7	361.6	359.7	359.3	359.7	360.7	361.4	
South Dakota .....	47.5	47.4	47.7	47.8	47.7	48.1	47.8	48.2	48.3	48.5	48.6	49.0	49.2	
Tennessee .....	525.1	523.2	522.3	520.4	517.7	521.5	522.4	521.5	520.6	520.5	520.0	520.9	517.3	
Texas .....	1,049.2	1,050.1	1,053.3	1,054.4	1,055.2	1,057.3	1,057.3	1,059.7	1,060.5	1,061.6	1,058.9	1,061.9	1,064.4	
Utah .....	128.6	128.9	129.1	129.4	130.0	130.0	129.8	129.7	130.3	130.9	131.0	130.9	131.1	
Vermont .....	45.6	45.9	46.1	46.1	45.9	46.0	46.0	45.8	46.1	46.0	46.1	46.3	46.1	
Virginia .....	400.1	400.4	399.3	398.9	398.1	398.2	397.4	397.0	397.8	399.1	398.0	398.5	397.9	
Washington .....	338.9	338.1	339.7	340.6	343.8	345.8	347.3	351.1	352.9	356.5	357.6	359.0	361.0	
West Virginia .....	82.4	82.1	82.4	82.0	81.9	81.5	81.6	81.4	81.4	81.2	81.7	81.1	81.7	
Wisconsin .....	601.9	602.1	602.8	602.0	601.0	602.3	601.2	602.0	600.8	599.5	599.4	600.5	600.5	
Wyoming .....	10.6	10.9	10.9	10.9	10.9	10.9	10.7	10.7	10.8	10.7	10.7	10.8	10.7	

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1996										1997		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
	Transportation and public utilities												
Alabama .....	90.4	90.6	90.6	90.3	90.2	89.9	90.1	90.2	90.1	90.0	90.0	90.0	90.1
Alaska .....	22.5	22.7	23.4	23.0	22.7	22.9	22.5	22.8	22.5	22.6	22.7	22.9	22.8
Arizona .....	90.3	90.2	90.6	91.6	92.3	93.3	93.8	94.3	94.4	94.9	94.8	95.0	95.2
Arkansas .....	64.9	64.9	65.0	64.9	64.8	64.8	64.8	64.5	64.7	64.8	65.4	65.3	65.7
California .....	639.2	639.2	641.1	640.6	643.0	644.4	645.1	645.2	646.3	645.4	651.6	654.1	654.9
Colorado .....	120.6	120.4	120.5	120.6	120.8	120.5	119.9	119.2	119.2	117.8	118.0	117.9	117.4
Connecticut .....	73.2	73.4	73.4	73.8	73.1	73.0	73.0	73.2	73.5	73.0	73.4	73.7	73.9
Delaware .....	15.7	15.5	15.7	15.5	15.8	15.9	15.8	15.8	15.7	15.7	15.7	15.9	15.7
District of Columbia .....	19.7	19.3	19.4	19.3	19.0	19.0	18.7	18.9	19.0	19.3	19.2	19.2	19.0
Florida .....	312.4	311.7	312.7	312.8	313.7	314.8	315.3	316.6	318.3	322.1	321.9	322.0	322.7
Georgia .....	220.8	221.1	222.2	224.1	225.9	222.2	221.6	222.2	222.6	223.3	223.6	223.8	224.9
Hawaii .....	41.0	40.6	40.8	40.7	40.8	41.1	40.9	41.1	41.2	41.1	41.2	41.0	41.3
Idaho .....	23.1	23.0	23.1	23.1	23.0	23.2	23.2	23.6	23.6	23.5	23.4	23.1	23.1
Illinois .....	329.6	329.8	330.4	331.3	331.4	331.2	330.1	333.0	333.3	334.9	338.5	338.8	339.2
Indiana .....	140.4	140.1	140.0	140.1	138.9	138.4	138.5	139.1	139.1	139.7	138.6	139.2	140.1
Iowa .....	62.2	62.6	62.8	62.6	62.8	63.2	63.3	64.0	64.2	64.2	64.9	64.9	65.1
Kansas .....	69.2	70.0	69.9	70.0	69.8	70.1	70.1	70.2	70.3	70.4	70.9	71.5	71.7
Kentucky .....	92.2	93.4	93.3	92.5	93.6	93.8	93.5	93.9	93.4	95.9	95.7	95.9	95.9
Louisiana .....	108.0	108.1	108.6	108.7	108.5	108.9	109.0	108.9	108.7	108.5	109.1	108.6	109.1
Maine .....	22.5	22.5	22.5	22.4	22.3	22.2	22.3	22.3	22.4	22.5	22.8	22.7	22.7
Maryland .....	106.5	106.1	106.4	106.8	107.2	107.6	106.6	106.6	106.4	105.8	107.6	108.6	108.3
Massachusetts .....	128.8	128.3	128.4	128.6	128.2	128.1	129.7	132.1	131.6	131.8	131.3	131.9	131.9
Michigan .....	168.6	168.5	168.8	168.6	168.9	168.6	168.8	168.6	167.8	168.7	168.2	169.8	169.5
Minnesota .....	119.5	118.8	119.3	118.9	119.6	119.8	120.1	120.7	120.3	120.4	121.4	121.9	122.3
Mississippi .....	52.8	52.7	52.7	52.7	52.9	52.8	52.9	52.5	52.6	52.5	52.8	52.7	52.4
Missouri .....	157.3	159.2	159.5	159.3	160.0	161.3	159.4	161.4	161.9	162.1	161.9	162.1	162.3
Montana .....	20.9	21.0	20.8	20.8	20.7	20.6	20.6	20.4	20.7	20.3	20.5	20.5	20.6
Nebraska .....	50.2	50.0	50.1	50.1	50.3	50.6	50.1	50.6	50.7	50.4	50.9	51.3	51.3
Nevada .....	41.9	42.1	42.1	42.2	42.5	42.6	42.6	42.7	43.0	43.2	43.3	43.5	43.7
New Hampshire .....	19.4	19.5	19.6	19.6	19.9	20.0	19.5	19.6	19.7	19.8	19.6	19.6	19.5
New Jersey .....	252.9	252.0	252.8	253.7	255.0	255.6	255.9	256.0	256.0	256.4	255.8	256.9	257.5
New Mexico .....	31.4	31.4	31.6	31.3	31.5	31.8	31.0	30.9	30.7	30.6	30.7	30.6	30.8
New York .....	402.2	401.5	401.7	401.5	402.7	402.6	401.6	403.0	402.7	401.9	407.2	407.2	407.7
North Carolina .....	166.6	167.4	167.9	168.0	167.3	167.4	167.7	169.2	170.0	170.0	170.7	171.7	173.0
North Dakota .....	18.5	18.5	18.3	18.4	18.3	18.3	18.3	18.4	18.4	18.3	18.5	18.5	18.4
Ohio .....	232.3	231.6	231.9	231.5	231.7	231.8	232.1	231.9	232.8	232.3	234.8	235.2	234.8
Oklahoma .....	77.6	77.8	77.9	77.9	76.3	76.5	76.8	77.7	77.7	77.7	77.8	77.5	77.5
Oregon .....	72.4	72.5	72.4	72.6	73.1	73.0	73.5	73.9	73.6	72.5	73.7	74.3	73.6
Pennsylvania .....	273.5	272.4	271.8	271.3	272.1	272.9	272.7	271.6	272.0	271.3	271.5	271.9	271.4
Rhode Island .....	14.8	14.9	14.9	14.9	15.0	15.0	15.1	15.0	15.2	15.1	14.9	14.8	14.9
South Carolina .....	73.2	73.5	73.7	73.4	74.0	73.9	73.9	73.8	73.9	74.0	74.0	73.5	74.0
South Dakota .....	16.1	16.3	16.3	16.3	16.3	16.5	16.4	16.6	16.5	16.6	16.5	16.4	16.3
Tennessee .....	143.6	143.0	143.8	143.6	142.7	142.5	142.6	142.4	143.0	143.3	142.7	143.1	143.8
Texas .....	485.6	487.2	488.8	488.8	488.0	489.9	489.2	489.9	490.5	492.8	492.0	492.8	493.5
Utah .....	52.8	53.5	53.7	54.0	54.5	54.4	54.7	54.5	54.9	55.0	55.1	55.4	55.7
Vermont .....	12.2	12.1	12.2	12.1	12.1	12.1	12.1	12.3	12.3	12.3	12.3	12.3	12.4
Virginia .....	160.3	160.5	160.6	161.7	161.5	162.3	162.4	164.1	164.8	164.3	165.2	165.2	165.6
Washington .....	121.8	122.0	122.7	122.7	123.2	123.8	123.4	123.7	123.9	124.2	124.7	124.7	124.9
West Virginia .....	39.7	39.3	39.3	38.9	38.8	39.1	38.8	39.0	39.2	39.1	38.3	38.5	38.6
Wisconsin .....	120.4	120.7	121.1	121.1	120.9	121.1	121.5	121.2	121.5	121.4	121.2	120.6	120.8
Wyoming .....	13.8	13.9	13.8	13.8	13.9	13.9	13.9	13.8	13.9	13.6	13.6	13.5	13.7

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1996										1997		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
	Trade												
Alabama .....	417.4	417.1	418.3	419.0	421.3	420.9	421.2	420.4	420.8	421.4	421.3	421.7	423.4
Alaska .....	53.9	54.0	54.7	54.9	55.3	55.0	54.9	54.3	54.1	54.3	54.1	54.2	54.3
Arizona .....	459.9	462.1	464.8	463.9	467.6	470.5	470.1	470.3	473.3	473.4	478.1	481.1	484.2
Arkansas .....	246.0	245.6	247.8	248.9	247.8	248.4	248.3	248.3	249.1	249.5	248.0	248.0	249.0
California .....	2,960.0	2,960.7	2,972.5	2,972.4	2,975.7	2,976.2	2,981.5	2,983.9	2,998.0	2,999.9	2,983.8	2,998.2	3,007.4
Colorado .....	461.7	462.1	466.0	465.9	460.9	468.9	468.8	469.3	470.5	470.5	467.6	470.5	470.5
Connecticut .....	345.0	344.9	345.7	346.5	347.7	348.5	347.4	347.8	349.1	349.9	350.0	349.0	349.3
Delaware .....	83.5	84.0	84.3	83.9	83.6	83.8	84.5	84.9	85.3	85.5	84.8	85.4	86.1
District of Columbia .....	50.8	49.0	48.4	48.8	49.1	49.4	49.9	50.2	50.1	50.3	50.1	50.4	50.2
Florida .....	1,589.6	1,592.8	1,599.7	1,601.0	1,606.6	1,614.3	1,619.6	1,624.6	1,631.4	1,635.1	1,633.9	1,640.7	1,650.0
Georgia .....	886.5	882.1	891.4	899.9	919.3	905.6	896.9	902.1	907.9	915.1	903.9	902.3	907.6
Hawaii .....	136.2	135.5	135.4	135.2	134.3	134.7	135.0	135.2	135.3	135.0	135.3	135.9	135.9
Idaho .....	124.2	123.9	124.2	124.8	125.5	125.8	125.9	126.2	126.3	126.9	127.4	127.9	129.4
Illinois .....	1,302.7	1,296.8	1,302.4	1,303.3	1,304.1	1,305.5	1,307.8	1,306.8	1,308.9	1,312.0	1,297.0	1,299.9	1,302.3
Indiana .....	677.4	677.8	678.7	678.1	683.4	683.6	683.9	683.6	684.0	683.5	678.2	679.4	679.6
Iowa .....	340.9	341.1	341.0	341.2	341.6	345.6	339.8	339.4	340.6	340.7	340.5	339.5	340.1
Kansas .....	301.5	301.8	302.9	303.1	303.2	303.9	304.0	306.2	306.4	306.9	309.1	308.4	309.1
Kentucky .....	399.8	399.0	400.7	400.3	401.9	402.7	402.1	399.8	401.5	405.2	404.5	405.2	408.3
Louisiana .....	418.9	420.0	421.4	422.5	422.7	423.2	423.5	426.1	427.4	428.7	427.4	427.5	431.4
Maine .....	136.4	136.4	136.9	137.0	136.1	136.0	136.9	135.8	135.5	134.1	137.1	137.3	137.6
Maryland .....	527.4	527.1	527.6	529.6	530.7	530.7	530.4	531.5	532.4	533.7	531.6	534.9	535.4
Massachusetts .....	690.5	691.3	694.8	696.4	700.8	704.1	702.2	703.7	706.0	706.3	705.0	702.5	701.9
Michigan .....	1,025.8	1,017.6	1,021.1	1,021.4	1,019.9	1,025.2	1,028.8	1,034.7	1,033.5	1,037.1	1,033.4	1,040.2	1,042.2
Minnesota .....	591.0	590.6	592.6	592.9	591.2	593.3	592.7	596.2	597.5	600.0	600.4	602.1	605.3
Mississippi .....	232.1	232.8	233.3	233.3	234.3	233.7	232.9	233.4	233.8	233.4	233.5	232.8	233.7
Missouri .....	611.2	611.7	612.7	612.9	609.9	613.0	612.6	616.2	617.4	618.9	616.1	614.0	615.4
Montana .....	97.9	98.2	98.4	98.1	97.0	97.1	96.8	97.3	97.5	97.3	97.2	97.5	97.5
Nebraska .....	206.6	205.9	206.8	207.7	204.9	206.9	207.6	208.6	209.3	209.6	210.2	210.5	210.3
Nevada .....	165.7	166.2	167.5	168.7	171.1	172.4	172.8	174.1	175.1	176.4	176.6	178.2	178.2
New Hampshire .....	142.6	144.3	145.7	146.5	146.9	146.3	144.9	146.5	146.9	147.9	147.2	147.8	147.8
New Jersey .....	851.8	850.5	854.8	856.5	855.6	857.3	858.9	859.7	861.1	860.9	860.9	867.1	868.1
New Mexico .....	162.9	163.4	164.4	164.3	164.5	164.1	164.2	165.0	166.1	166.6	165.8	165.7	166.0
New York .....	1,615.0	1,612.9	1,619.8	1,622.0	1,621.5	1,623.9	1,627.4	1,630.6	1,637.5	1,635.4	1,627.9	1,628.2	1,631.7
North Carolina .....	808.9	806.7	810.7	810.3	813.0	808.4	810.2	817.0	817.8	820.3	822.2	821.1	823.6
North Dakota .....	79.9	79.8	80.2	80.1	80.0	80.0	80.3	80.0	80.8	80.8	80.9	80.9	80.7
Ohio .....	1,293.6	1,294.2	1,296.2	1,297.2	1,296.9	1,298.8	1,302.5	1,306.9	1,313.2	1,315.7	1,315.9	1,317.5	1,319.3
Oklahoma .....	317.2	315.3	317.4	316.9	317.4	319.0	318.9	321.4	323.4	323.9	324.6	324.9	327.0
Oregon .....	361.1	362.4	364.3	364.5	366.5	367.7	367.2	368.1	368.9	371.7	372.2	372.0	373.2
Pennsylvania .....	1,196.3	1,198.9	1,203.2	1,202.3	1,208.0	1,211.2	1,216.1	1,217.7	1,217.8	1,221.4	1,220.0	1,225.8	1,229.4
Rhode Island .....	96.7	97.0	98.1	98.2	99.4	100.0	99.6	99.3	99.7	99.8	98.7	99.2	99.6
South Carolina .....	395.7	396.2	397.4	398.7	397.0	399.2	400.1	398.9	400.8	402.1	400.3	401.4	403.1
South Dakota .....	87.5	87.3	87.5	87.2	87.2	88.0	87.7	87.8	87.8	87.9	86.9	87.4	87.9
Tennessee .....	594.8	592.0	593.1	592.6	591.5	597.2	600.1	598.8	602.8	605.9	604.0	604.7	605.3
Texas .....	1,973.6	1,979.4	1,987.3	1,990.1	1,993.7	1,995.2	1,997.3	2,005.7	2,009.5	2,014.7	2,014.2	2,019.1	2,023.8
Utah .....	227.2	227.4	228.9	229.9	231.3	232.6	232.3	232.4	233.5	234.6	235.0	235.7	237.3
Vermont .....	64.5	64.6	64.6	64.8	64.5	64.4	64.1	65.0	64.6	64.3	65.0	65.3	65.6
Virginia .....	709.1	707.7	708.4	711.4	714.1	716.7	717.6	723.7	724.4	726.1	724.2	725.5	727.9
Washington .....	586.8	586.8	588.3	588.1	594.0	594.7	593.8	595.7	596.4	596.6	596.3	596.7	598.2
West Virginia .....	159.1	159.2	159.5	160.3	160.4	160.5	160.9	161.9	162.1	161.3	160.6	160.7	162.5
Wisconsin .....	594.2	592.9	596.2	595.6	595.1	593.8	596.3	597.6	599.4	600.7	600.5	601.6	603.0
Wyoming .....	52.0	52.2	51.9	51.9	52.2	52.3	52.0	52.3	51.8	52.3	51.7	52.1	52.2

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1996										1997		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
	Finance, insurance, and real estate												
Alabama .....	80.9	81.1	81.4	81.5	81.7	82.0	81.9	82.3	82.6	82.7	82.9	83.1	83.4
Alaska .....	11.7	11.7	11.8	11.7	11.9	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
Arizona .....	113.6	113.3	113.9	114.9	115.8	116.6	116.8	116.8	117.1	117.6	119.0	120.2	121.2
Arkansas .....	42.7	42.9	43.1	43.3	43.3	43.4	43.4	43.5	43.6	43.6	43.6	43.6	43.8
California .....	732.5	731.6	731.6	732.5	734.7	734.7	733.1	734.0	734.0	733.8	732.3	732.6	732.3
Colorado .....	116.9	117.3	117.9	118.4	118.9	119.0	118.8	118.1	118.5	118.8	119.9	120.3	120.6
Connecticut .....	131.1	130.7	130.8	130.6	130.6	130.3	130.5	130.5	130.6	130.4	129.7	129.3	129.2
Delaware .....	42.9	43.1	43.4	43.5	43.9	44.3	44.3	44.3	44.2	44.6	44.3	44.9	45.3
District of Columbia .....	29.6	28.0	28.2	28.0	28.2	28.3	28.0	27.7	28.0	28.0	28.0	28.1	28.2
Florida .....	389.4	390.3	392.8	392.7	394.6	395.7	397.4	398.1	399.4	401.0	401.7	401.8	404.0
Georgia .....	179.3	179.1	180.0	180.2	181.1	180.4	181.1	182.1	182.4	182.6	183.5	183.3	183.6
Hawaii .....	37.1	37.0	37.0	36.9	36.6	36.6	36.6	36.8	36.6	36.6	36.4	36.3	35.9
Idaho .....	25.2	25.1	25.2	25.2	25.1	25.3	25.3	25.4	25.4	25.4	25.5	25.5	25.5
Illinois .....	384.9	385.1	384.8	384.4	384.4	385.5	386.2	387.5	387.9	387.9	387.0	387.9	388.9
Indiana .....	133.7	133.9	134.2	134.1	134.8	135.1	135.8	136.3	136.4	136.4	137.1	137.7	137.7
Iowa .....	77.7	77.6	77.8	77.9	77.7	77.7	77.3	77.6	77.6	77.8	77.5	77.9	78.2
Kansas .....	58.5	58.4	58.4	58.5	58.4	58.6	58.4	58.9	58.8	59.0	59.5	59.5	59.8
Kentucky .....	66.7	66.9	67.1	67.3	67.8	67.9	67.7	68.3	68.3	68.6	68.4	68.6	68.6
Louisiana .....	82.2	82.2	82.6	82.7	83.0	83.3	83.4	83.4	83.5	83.4	83.5	83.6	83.4
Maine .....	26.5	26.5	26.6	26.6	26.7	26.7	26.7	26.8	26.9	27.1	27.4	27.2	27.2
Maryland .....	128.0	128.1	127.8	128.3	128.5	128.8	128.6	128.6	128.7	128.6	127.7	127.3	127.1
Massachusetts .....	206.1	206.3	206.9	208.2	209.4	210.1	210.8	211.7	212.5	213.1	211.9	213.0	214.0
Michigan .....	201.0	200.4	200.2	201.4	201.3	201.4	201.5	202.2	202.4	203.2	201.9	202.7	202.2
Minnesota .....	141.8	142.4	142.6	142.8	142.2	142.6	142.8	142.7	143.1	143.5	143.2	143.9	144.7
Mississippi .....	40.6	40.7	40.8	41.0	41.2	41.0	40.9	41.0	41.1	41.2	41.1	41.0	41.2
Missouri .....	149.0	148.4	148.9	148.9	150.2	150.6	150.6	151.0	151.3	151.9	153.6	154.6	155.5
Montana .....	15.9	15.9	15.9	16.1	15.9	16.0	15.9	16.1	16.1	16.2	16.1	16.4	16.5
Nebraska .....	53.4	52.5	52.8	52.9	53.1	52.7	52.9	53.2	53.3	53.6	54.2	54.0	54.3
Nevada .....	37.6	37.6	37.6	37.7	37.9	37.9	37.9	38.1	38.2	38.4	38.3	38.6	38.9
New Hampshire .....	28.0	28.3	28.2	28.2	28.4	28.1	28.2	28.1	28.1	28.3	28.5	28.3	28.5
New Jersey .....	229.9	230.1	230.8	231.4	231.2	231.7	232.8	233.5	234.1	234.5	235.0	234.1	234.4
New Mexico .....	31.3	31.5	31.7	31.6	31.7	31.6	31.7	31.8	31.8	31.9	32.2	32.2	32.1
New York .....	719.8	719.3	720.6	721.7	721.3	721.9	722.1	723.0	723.0	723.5	725.4	725.8	726.0
North Carolina .....	151.1	151.0	151.7	152.8	153.5	154.3	154.8	156.9	157.7	158.4	159.2	159.5	160.2
North Dakota .....	14.1	14.2	14.3	14.4	14.5	14.5	14.6	14.8	14.8	14.8	14.7	14.7	14.6
Ohio .....	275.2	275.8	276.8	277.4	277.6	277.9	278.3	279.0	279.5	279.8	279.5	280.7	279.9
Oklahoma .....	66.5	66.7	67.1	67.2	67.4	67.7	67.5	67.9	68.2	68.4	68.3	68.6	68.8
Oregon .....	89.5	89.7	90.2	90.6	90.5	90.9	91.1	91.8	92.4	92.6	93.3	93.8	93.7
Pennsylvania .....	306.3	307.9	307.2	307.7	309.2	310.4	310.9	310.9	311.6	312.4	311.5	311.8	312.6
Rhode Island .....	25.0	24.8	24.8	25.0	25.4	25.4	25.5	25.3	25.4	25.6	25.5	25.5	25.5
South Carolina .....	71.7	71.8	72.2	72.2	72.4	72.7	73.0	72.9	73.0	73.1	73.2	73.2	73.4
South Dakota .....	19.4	19.6	19.6	19.8	19.9	19.9	20.0	20.0	20.1	20.2	20.3	20.2	20.2
Tennessee .....	116.7	116.0	116.9	117.3	117.5	118.0	118.1	118.2	118.6	118.9	119.3	119.1	119.7
Texas .....	441.6	441.8	442.7	443.9	444.6	445.2	446.0	447.5	447.5	448.3	448.7	448.4	448.7
Utah .....	49.6	50.1	50.5	50.7	50.6	50.6	50.5	50.8	51.3	51.4	51.1	51.4	51.8
Vermont .....	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.4	12.4	12.4
Virginia .....	161.2	161.6	161.6	162.0	161.8	162.2	162.3	163.1	163.5	163.8	164.1	164.1	164.5
Washington .....	122.9	123.1	123.6	123.6	123.9	124.2	124.4	124.1	124.4	124.6	125.4	125.7	126.1
West Virginia .....	27.0	27.0	27.2	27.1	27.1	26.9	27.1	27.4	27.4	27.5	27.3	27.4	27.6
Wisconsin .....	137.9	138.0	138.1	138.0	138.1	138.6	138.4	138.9	139.3	139.6	139.8	140.4	140.3
Wyoming .....	7.9	7.9	7.9	8.0	8.0	7.9	7.9	8.0	8.0	8.0	7.9	7.8	7.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1996											1997	
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.P
	Services												
Alabama .....	402.0	402.6	404.2	405.3	407.1	408.6	409.5	410.2	410.9	411.8	409.7	411.1	412.0
Alaska .....	61.9	62.1	62.4	62.3	63.3	62.8	62.8	62.3	62.5	62.8	62.6	63.0	63.6
Arizona .....	547.3	548.8	556.4	559.0	565.3	568.6	574.6	575.5	577.9	580.2	579.3	583.1	584.1
Arkansas .....	244.7	244.4	245.8	245.9	245.6	247.2	247.7	248.5	249.7	250.7	250.4	250.8	250.9
California .....	3,858.4	3,875.8	3,899.3	3,911.3	3,930.6	3,945.7	3,946.9	3,973.8	3,991.2	4,004.2	4,015.6	4,025.9	4,048.0
Colorado .....	555.2	558.7	563.1	584.7	567.0	570.0	571.3	573.8	578.2	579.1	581.5	587.4	589.2
Connecticut .....	475.3	476.9	479.8	481.4	484.2	486.1	486.9	488.1	487.7	488.5	489.0	490.8	492.8
Delaware .....	100.9	100.8	102.2	102.3	103.2	103.4	103.5	103.5	104.0	104.4	104.3	104.6	104.7
District of Columbia .....	264.3	260.8	259.7	259.4	265.5	264.6	263.9	282.6	262.3	263.7	263.9	267.0	267.4
Florida .....	2,085.7	2,089.6	2,103.4	2,111.6	2,129.0	2,134.0	2,145.4	2,147.7	2,153.7	2,164.0	2,166.8	2,181.5	2,190.5
Georgia .....	884.2	894.8	903.3	909.4	937.8	908.7	904.2	911.7	915.5	918.5	918.2	920.9	924.0
Hawaii .....	165.6	165.1	165.7	165.6	165.8	166.7	166.5	166.8	167.0	167.0	168.1	168.6	168.6
Idaho .....	113.1	114.2	114.9	115.6	115.6	116.0	115.7	116.3	116.2	116.0	115.9	116.9	117.2
Illinois .....	1,627.6	1,632.5	1,639.8	1,640.8	1,648.3	1,650.4	1,653.0	1,653.0	1,655.3	1,659.8	1,662.1	1,664.5	1,667.7
Indiana .....	643.8	647.0	650.8	651.3	657.1	658.8	662.6	662.4	661.5	661.4	665.3	664.1	671.6
Iowa .....	356.1	356.6	357.9	358.8	359.2	359.7	358.2	363.3	365.4	367.6	367.5	369.6	371.6
Kansas .....	296.3	298.2	299.5	298.5	300.9	301.7	302.3	304.4	305.0	305.7	307.1	308.4	308.8
Kentucky .....	403.1	403.0	406.0	407.2	408.6	411.3	411.5	413.8	413.7	416.8	413.7	415.8	418.4
Louisiana .....	479.6	481.1	482.5	483.6	486.7	487.9	490.3	493.8	494.6	495.4	496.8	495.2	494.7
Maine .....	149.5	149.9	149.6	150.3	150.3	150.7	150.8	151.2	151.7	152.4	152.9	154.0	154.0
Maryland .....	710.3	711.3	713.7	715.8	718.4	720.1	720.6	722.3	725.3	727.9	723.7	730.4	731.2
Massachusetts .....	1,050.1	1,053.4	1,059.4	1,061.6	1,065.1	1,067.9	1,072.5	1,075.3	1,078.8	1,079.9	1,078.6	1,083.1	1,088.3
Michigan .....	1,157.3	1,159.4	1,166.7	1,166.2	1,163.5	1,174.2	1,174.3	1,174.4	1,177.5	1,180.9	1,182.8	1,189.6	1,194.7
Minnesota .....	666.8	667.7	670.8	674.8	673.5	676.6	677.4	676.5	678.5	679.4	677.9	683.7	687.1
Mississippi .....	242.8	243.4	244.8	245.1	246.2	250.2	251.2	252.0	252.8	253.0	250.4	251.5	252.8
Missouri .....	702.9	707.2	710.5	707.4	707.6	709.9	708.7	711.0	713.6	719.0	714.1	722.2	724.5
Montana .....	100.7	101.7	102.3	103.3	101.5	101.6	101.6	102.2	102.6	102.9	101.7	102.5	103.0
Nebraska .....	219.4	220.1	219.3	219.6	219.7	219.9	220.8	222.3	223.5	224.2	224.9	226.3	226.7
Nevada .....	356.2	362.3	363.9	365.7	364.8	367.4	368.1	368.0	371.4	373.5	376.5	378.6	380.5
New Hampshire .....	158.5	162.1	163.4	164.2	165.7	165.8	164.7	165.5	164.2	164.1	163.6	163.3	164.0
New Jersey .....	1,111.2	1,111.8	1,119.5	1,123.0	1,123.9	1,128.4	1,130.4	1,134.1	1,137.5	1,140.8	1,143.9	1,147.8	1,150.3
New Mexico .....	169.8	190.8	192.1	192.3	191.8	192.1	193.2	193.8	194.2	195.2	194.9	195.3	196.2
New York .....	2,590.4	2,597.6	2,608.7	2,609.4	2,612.7	2,618.8	2,626.7	2,632.8	2,839.0	2,845.8	2,839.3	2,852.5	2,661.2
North Carolina .....	800.3	807.8	816.3	820.4	825.1	828.3	832.6	846.0	850.1	852.0	845.4	842.0	850.7
North Dakota .....	83.4	83.8	84.4	84.5	84.9	85.0	85.1	85.8	86.1	86.1	86.0	86.9	86.8
Ohio .....	1,400.8	1,406.5	1,414.4	1,417.8	1,420.9	1,424.7	1,425.7	1,425.6	1,426.3	1,429.5	1,429.4	1,431.8	1,432.8
Oklahoma .....	358.8	359.5	362.2	363.3	363.9	367.8	368.1	370.0	372.5	374.1	376.3	377.8	378.9
Oregon .....	377.7	377.8	382.1	383.5	387.1	390.2	391.2	391.8	393.7	395.0	392.0	397.9	397.0
Pennsylvania .....	1,637.9	1,644.3	1,646.8	1,652.5	1,655.1	1,659.2	1,663.5	1,668.2	1,672.8	1,677.4	1,679.3	1,689.1	1,694.6
Rhode Island .....	145.8	145.7	146.0	145.8	146.1	147.0	147.6	147.2	148.1	148.0	146.1	145.8	146.7
South Carolina .....	369.9	371.4	374.3	375.1	375.2	376.0	376.4	375.5	376.6	378.1	375.0	377.2	378.7
South Dakota .....	89.0	89.5	89.7	89.9	90.1	90.3	90.5	91.0	91.1	91.0	90.1	90.9	90.8
Tennessee .....	651.9	652.6	653.9	656.0	655.9	658.9	660.1	659.3	662.8	664.8	664.8	666.6	667.3
Texas .....	2,191.3	2,200.0	2,208.0	2,205.3	2,218.1	2,234.6	2,243.9	2,253.3	2,261.5	2,266.8	2,255.9	2,275.2	2,279.4
Utah .....	249.8	250.7	253.1	254.5	256.2	258.0	259.9	260.9	261.5	263.1	264.3	268.8	268.7
Vermont .....	81.5	81.9	82.0	81.6	80.8	80.9	81.1	81.8	82.1	82.0	83.0	82.5	82.7
Virginia .....	902.7	903.6	906.1	907.2	910.3	915.6	919.6	924.3	926.1	932.6	936.1	943.4	948.9
Washington .....	641.4	644.3	647.2	647.7	649.2	653.9	652.3	656.2	657.8	659.1	659.4	664.2	666.7
West Virginia .....	189.4	189.8	190.9	191.5	191.6	192.1	191.7	192.5	193.8	193.9	194.9	195.4	196.1
Wisconsin .....	647.4	649.6	651.6	653.0	654.8	658.8	661.9	666.7	669.2	672.0	668.6	670.2	673.0
Wyoming .....	48.0	47.9	48.1	48.0	48.2	48.3	48.3	48.6	48.1	48.0	47.9	48.1	48.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1996										1997		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
	Government												
Alabama .....	343.0	343.4	343.3	341.5	338.2	341.6	340.9	341.6	341.9	342.1	342.6	343.3	343.1
Alaska .....	73.3	73.3	72.6	73.4	73.4	73.1	73.4	73.3	73.3	73.0	73.2	73.5	73.1
Arizona .....	318.3	312.6	315.8	317.7	314.2	325.0	325.0	325.7	329.6	326.5	322.7	326.5	326.8
Arkansas .....	178.4	178.7	178.9	179.4	179.2	180.4	179.8	179.9	179.7	180.1	180.2	180.3	180.4
California .....	2,106.6	2,109.4	2,112.6	2,112.8	2,112.3	2,118.1	2,126.2	2,132.4	2,133.7	2,133.1	2,139.0	2,139.9	2,141.5
Colorado .....	307.7	307.9	309.1	308.4	308.1	308.2	310.2	310.4	310.6	310.5	313.3	310.5	310.5
Connecticut .....	221.2	223.1	222.6	222.6	223.1	223.7	225.4	227.3	226.7	227.0	224.7	226.8	225.2
Delaware .....	52.1	52.3	52.5	52.6	53.1	53.4	53.1	53.0	53.0	53.1	53.1	53.0	52.9
District of Columbia .....	245.6	243.1	242.0	240.8	239.3	239.5	238.6	238.7	237.9	237.5	235.2	234.3	232.1
Florida .....	949.8	924.6	926.1	924.1	920.3	921.0	928.3	928.4	942.5	936.2	947.8	942.1	940.8
Georgia .....	569.6	569.0	569.5	569.3	570.7	567.1	567.4	567.9	569.7	570.0	566.3	566.2	567.0
Hawaii .....	110.4	109.6	110.5	110.5	110.5	110.5	109.8	109.6	109.6	109.3	112.4	110.2	109.3
Idaho .....	96.8	97.0	96.9	96.2	97.7	98.5	98.1	99.3	99.6	99.6	98.3	98.4	99.0
Illinois .....	808.1	808.3	809.4	812.0	816.1	820.0	815.8	806.2	808.9	808.0	805.3	805.2	809.2
Indiana .....	395.1	395.4	397.7	397.3	378.9	390.1	396.1	395.7	397.3	393.7	386.5	390.1	390.9
Iowa .....	231.9	232.3	232.8	232.4	232.3	230.7	230.6	230.9	230.2	230.2	231.1	231.6	230.9
Kansas .....	235.5	234.3	237.5	233.4	227.0	230.0	233.6	239.6	246.5	240.2	237.3	237.2	239.8
Kentucky .....	288.5	289.0	289.3	290.5	291.0	290.1	287.5	290.1	290.4	290.9	290.8	292.4	292.1
Louisiana .....	361.8	362.0	361.3	362.1	358.4	360.5	362.1	360.7	360.9	361.3	360.8	363.1	363.8
Maine .....	93.1	92.8	92.1	93.3	92.9	93.1	94.1	93.5	93.3	93.6	93.3	93.2	93.4
Maryland .....	421.5	421.0	422.1	425.0	422.8	420.6	422.3	420.3	420.2	419.4	422.6	422.4	422.8
Massachusetts .....	399.3	398.2	398.3	398.8	399.9	400.2	404.8	402.2	403.0	403.1	401.1	400.6	401.2
Michigan .....	643.1	643.5	645.1	643.2	638.3	637.4	644.7	645.0	646.5	643.6	646.3	644.6	641.8
Minnesota .....	376.2	376.0	377.3	376.7	384.0	382.6	383.0	381.1	383.5	383.0	380.0	380.6	361.0
Mississippi .....	215.9	216.0	216.4	217.1	218.9	220.2	219.5	219.7	219.5	220.3	220.0	220.6	220.9
Missouri .....	398.5	398.9	398.1	401.0	396.6	397.5	398.6	404.8	404.9	405.0	405.0	407.4	408.9
Montana .....	76.8	76.5	76.4	75.1	76.3	76.2	76.4	77.6	78.7	77.2	78.0	77.9	77.8
Nebraska .....	150.9	151.6	150.9	151.3	151.6	152.2	152.0	152.2	153.3	152.5	152.9	152.2	152.6
Nevada .....	99.4	98.9	99.2	99.2	102.2	100.2	102.8	103.1	106.8	103.9	104.6	104.4	104.0
New Hampshire .....	77.9	79.3	79.1	79.4	79.2	79.0	79.1	79.1	79.8	79.4	80.3	79.8	79.9
New Jersey .....	567.0	566.8	566.2	568.0	568.6	566.2	569.2	568.6	567.9	566.9	568.7	567.5	566.6
New Mexico .....	169.3	169.8	170.0	172.1	172.2	172.3	171.8	172.3	173.1	173.6	172.9	172.8	172.2
New York .....	1,389.8	1,388.9	1,390.3	1,387.6	1,377.1	1,374.9	1,377.3	1,380.3	1,375.9	1,374.4	1,371.3	1,372.3	1,371.8
North Carolina .....	557.0	559.4	561.6	562.7	550.2	558.3	567.9	568.1	570.3	572.3	576.1	577.0	578.0
North Dakota .....	70.4	70.6	70.5	70.3	70.2	70.8	71.3	70.5	70.7	70.8	70.7	71.1	71.3
Ohio .....	751.9	749.9	753.0	753.7	751.6	758.2	749.8	750.3	752.1	753.2	751.7	753.8	754.3
Oklahoma .....	271.2	271.6	272.3	270.9	271.1	272.0	270.9	273.2	273.3	273.1	271.8	271.4	272.0
Oregon .....	245.1	245.3	246.1	245.6	246.4	244.3	246.5	246.2	251.2	247.8	248.9	249.9	249.3
Pennsylvania .....	722.2	721.6	721.8	711.1	721.3	722.2	723.2	722.5	722.2	723.1	723.2	726.5	723.8
Rhode Island .....	61.4	61.1	61.3	60.6	59.3	60.1	61.8	62.0	62.2	62.1	62.2	62.3	61.9
South Carolina .....	295.5	294.7	294.7	304.0	298.6	298.1	299.5	299.5	310.9	300.5	300.4	301.0	301.5
South Dakota .....	70.7	70.5	70.7	69.8	70.4	69.9	70.5	69.6	70.4	70.1	70.6	70.9	70.3
Tennessee .....	400.8	380.0	379.7	385.4	379.7	378.8	381.9	383.1	384.2	383.5	382.8	383.8	383.7
Texas .....	1,451.7	1,453.3	1,454.3	1,451.3	1,450.7	1,453.8	1,452.5	1,459.9	1,463.5	1,466.0	1,463.1	1,468.9	1,473.5
Utah .....	166.1	166.4	166.4	166.2	166.4	166.4	166.8	167.9	168.4	168.8	168.4	168.9	168.8
Vermont .....	45.2	45.4	45.3	45.0	45.1	45.2	45.5	45.3	45.5	45.7	45.0	45.6	45.1
Virginia .....	594.9	595.9	595.9	595.8	597.2	598.5	597.9	599.8	600.7	601.1	603.6	602.0	602.2
Washington .....	449.1	449.0	450.0	448.8	453.8	451.0	450.7	451.2	451.6	453.8	455.3	452.2	453.6
West Virginia .....	137.9	137.5	149.7	138.3	135.8	138.3	138.0	137.9	138.6	138.4	138.5	140.3	140.3
Wisconsin .....	380.7	376.6	380.8	384.2	383.7	387.1	384.2	383.2	386.9	384.3	384.6	385.2	383.8
Wyoming .....	58.3	58.2	58.6	58.7	59.2	59.6	59.0	58.9	59.0	58.8	59.1	59.0	59.1

<sup>1</sup> Includes mining, not shown separately.  
<sup>2</sup> Mining is combined with construction.  
P = preliminary.

NOTE: All data have been adjusted to March 1996 benchmarks and incorporate updated seasonal adjustment factors.



**ESTABLISHMENT DATA  
HOURS  
SEASONALLY ADJUSTED**

**B-8. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted**

Industry	1996									1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	Apr. <sup>2</sup>
<b>Total private</b> .....	34.3	34.2	34.7	34.2	34.4	34.7	34.3	34.6	34.8	34.2	34.9	34.9	34.6
<b>Goods-producing</b> .....	41.0	40.9	41.1	41.0	41.1	41.0	41.0	41.1	41.3	40.8	41.3	41.4	41.5
<b>Mining</b> .....	45.0	45.2	45.9	44.9	44.8	45.4	45.4	44.8	45.7	44.3	46.2	48.1	45.2
<b>Construction</b> .....	38.9	38.0	38.7	38.7	38.7	38.6	38.8	38.9	38.8	37.8	39.0	38.9	38.9
<b>Manufacturing</b> .....	41.5	41.7	41.8	41.6	41.7	41.7	41.7	41.7	42.0	41.7	41.9	42.1	42.2
<i>Overtime hours</i> .....	4.6	4.6	4.6	4.4	4.5	4.5	4.4	4.5	4.6	4.7	4.7	4.9	5.0
<b>Durable goods</b> .....	42.4	42.5	42.6	42.3	42.5	42.5	42.4	42.4	42.7	42.4	42.8	42.9	43.1
<i>Overtime hours</i> .....	4.9	5.1	5.0	4.7	4.8	4.8	4.7	4.7	4.9	5.0	5.0	5.3	5.4
Lumber and wood products .....	40.8	41.0	41.2	41.1	40.9	40.9	40.9	41.0	41.0	40.4	40.8	41.0	41.3
Furniture and fixtures .....	39.2	39.7	39.5	39.7	39.5	39.5	39.5	39.8	40.2	39.7	39.8	40.3	40.2
Stone, clay, and glass products .....	43.4	43.2	43.5	43.2	43.2	43.2	43.3	43.2	43.4	42.3	43.5	43.2	43.0
Primary metal industries .....	43.9	44.2	44.2	44.0	44.5	44.5	44.4	44.1	44.6	44.4	44.7	44.8	45.0
Blast furnaces and basic steel products .....	44.1	44.4	44.5	44.3	44.2	44.4	44.6	44.7	44.6	44.8	44.6	44.7	44.5
Fabricated metal products .....	42.3	42.6	42.6	42.4	42.5	42.4	42.4	42.3	42.5	42.1	42.5	42.6	43.1
Industrial machinery and equipment .....	43.2	43.0	43.3	43.1	42.8	43.0	42.9	43.0	43.2	43.1	43.5	43.5	43.9
Electronic and other electrical equipment .....	40.9	41.3	41.6	41.2	41.7	41.6	41.5	41.4	41.8	41.1	42.1	42.1	42.4
Transportation equipment .....	44.6	44.5	44.4	43.9	44.7	44.3	43.9	44.1	44.5	45.0	44.4	45.1	44.7
Motor vehicles and equipment .....	46.0	46.5	45.7	45.5	46.4	45.2	44.7	44.6	45.1	45.9	45.1	45.9	45.4
Instruments and related products .....	41.4	41.6	41.9	41.4	41.7	41.9	41.7	41.8	42.1	41.6	42.3	42.0	42.1
Miscellaneous manufacturing .....	39.6	39.9	39.7	39.7	39.8	39.8	39.8	40.0	40.6	40.0	40.7	40.3	40.5
<b>Nondurable goods</b> .....	40.4	40.6	40.7	40.5	40.6	40.7	40.6	40.7	41.0	40.6	40.8	41.0	41.0
<i>Overtime hours</i> .....	4.2	4.0	4.2	4.1	4.0	4.1	4.1	4.1	4.3	4.2	4.3	4.4	4.4
Food and kindred products .....	41.1	41.2	41.0	40.8	40.6	41.0	41.1	41.2	41.4	41.0	41.3	41.3	41.4
Tobacco products .....	40.4	39.5	39.4	39.4	39.8	40.3	39.9	40.6	41.6	39.4	41.4	39.7	39.3
Textile mill products .....	40.3	40.6	40.9	40.8	40.9	40.9	40.9	41.3	41.6	41.1	40.6	41.2	41.5
Apparel and other textile products .....	36.5	37.2	37.6	37.1	37.4	37.3	37.4	37.4	37.4	37.1	37.1	37.5	37.5
Paper and allied products .....	43.4	43.4	43.5	43.4	43.3	43.5	43.4	43.6	43.8	43.7	43.7	44.0	43.9
Printing and publishing .....	38.1	38.3	38.1	38.2	38.4	38.3	38.2	38.2	38.4	38.1	38.5	38.8	38.6
Chemicals and allied products .....	42.9	43.2	43.4	43.3	43.3	43.1	43.2	43.3	43.6	43.2	43.4	43.2	43.2
Petroleum and coal products .....	( <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> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Rubber and misc. plastics products .....	41.4	41.7	41.5	41.5	41.7	41.6	41.5	41.2	41.8	41.2	41.6	41.9	42.0
Leather and leather products .....	37.6	38.3	38.5	38.3	38.9	38.8	38.4	39.0	38.8	38.0	38.8	38.8	38.9
<b>Service-producing</b> .....	32.5	32.5	33.0	32.5	32.6	33.0	32.6	32.8	33.0	32.4	33.2	33.1	32.8
<b>Transportation and public utilities</b> .....	39.4	39.2	40.0	39.4	39.7	40.1	39.6	39.9	40.0	39.4	40.1	40.2	39.7
<b>Wholesale trade</b> .....	38.1	38.0	38.7	38.0	38.3	38.5	38.1	38.3	38.6	38.0	38.8	38.7	38.3
<b>Retail trade</b> .....	28.6	28.8	29.0	28.6	28.8	28.9	28.7	29.0	28.9	28.7	29.4	29.2	28.9
<b>Finance, insurance, and real estate</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> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Services</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> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</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> These series are not published seasonally adjusted because the seasonal components, which are small relative to the trend-cycle and

irregular components, cannot be separated with sufficient precision.

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1995 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1992 forward are subject to revision.

**ESTABLISHMENT DATA  
HOURS  
SEASONALLY ADJUSTED**

**B-9. Indexes of aggregate weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted**

(1982=100)

Industry	1996									1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>p</sup>	Apr. <sup>p</sup>
<b>Total private</b> .....	135.2	135.3	137.7	136.1	136.9	138.0	137.1	138.2	139.3	137.1	140.7	140.7	139.6
<b>Goods-producing</b> .....	110.0	109.9	110.7	110.2	110.6	110.3	110.5	110.9	111.6	110.5	112.6	112.7	112.4
<b>Mining</b> .....	54.6	55.2	56.0	54.2	54.3	54.7	54.7	53.9	55.1	54.0	56.7	56.8	55.7
<b>Construction</b> .....	148.8	143.9	147.1	147.8	148.0	147.9	149.0	150.5	151.3	147.9	156.3	154.3	152.3
<b>Manufacturing</b> .....	105.7	106.2	106.5	105.8	106.3	105.9	105.9	106.1	106.8	106.1	106.9	107.4	107.6
<b>Durable goods</b> .....	107.7	108.4	108.9	108.0	108.9	108.3	108.2	108.4	109.3	108.8	110.0	110.5	110.9
Lumber and wood products .....	134.8	135.9	137.2	136.7	136.9	136.2	137.1	137.9	137.7	135.6	137.6	139.6	140.6
Furniture and fixtures .....	120.8	123.9	122.6	124.2	122.9	122.9	122.6	123.9	125.4	124.2	125.1	127.0	126.1
Stone, clay, and glass products .....	108.9	108.6	109.7	108.6	109.2	109.2	109.9	109.2	110.2	107.4	111.0	109.4	108.7
Primary metal industries .....	91.0	91.8	92.5	90.9	92.9	92.6	92.4	91.6	92.6	92.2	92.9	93.1	93.6
Blast furnaces and basic steel products .....	72.4	73.3	73.5	72.8	72.6	72.5	72.5	72.6	72.1	72.8	72.1	72.2	71.5
Fabricated metal products .....	113.5	114.5	115.2	115.0	115.8	115.3	115.5	115.4	115.9	115.3	116.5	117.0	118.8
Industrial machinery and equipment .....	103.6	103.2	103.9	103.4	102.8	102.7	102.8	103.2	104.0	104.4	105.8	106.0	107.3
Electronic and other electrical equipment .....	106.8	107.8	108.3	107.6	108.7	108.0	107.4	107.2	107.9	105.9	108.9	108.9	109.9
Transportation equipment .....	122.9	122.4	123.8	121.4	125.0	122.3	121.4	122.7	123.9	126.1	124.0	126.7	124.7
Motor vehicles and equipment .....	167.4	170.6	168.7	165.1	172.9	164.5	161.8	161.7	163.9	167.7	163.5	167.5	163.2
Instruments and related products .....	72.9	73.6	74.0	72.6	73.5	74.0	73.6	73.6	74.2	73.3	74.5	73.8	73.8
Miscellaneous manufacturing .....	101.4	102.1	102.0	101.3	101.1	101.1	101.1	101.1	102.0	103.5	105.0	103.5	103.7
<b>Nondurable goods</b> .....	102.9	103.3	103.3	102.6	102.6	102.6	102.7	102.8	103.4	102.5	102.7	103.1	103.0
Food and kindred products .....	114.1	114.6	112.3	111.3	110.6	111.8	112.4	113.2	114.2	113.7	114.1	114.2	114.2
Tobacco products .....	64.0	60.7	62.5	60.5	57.2	61.9	63.2	66.4	65.9	60.5	65.6	62.9	62.3
Textile mill products .....	90.1	90.9	91.4	91.2	91.1	90.9	91.3	91.3	92.1	91.2	89.2	90.9	90.9
Apparel and other textile products .....	75.5	76.4	76.7	76.0	75.3	74.9	74.8	74.3	73.9	73.1	72.7	72.8	72.3
Paper and allied products .....	108.5	108.5	108.4	107.7	107.9	108.8	108.8	109.3	109.8	109.5	109.5	110.0	109.8
Printing and publishing .....	122.7	123.2	122.7	123.0	123.6	123.0	122.8	122.8	123.2	121.8	123.2	124.2	123.4
Chemicals and allied products .....	100.1	100.4	100.6	100.0	99.8	99.2	99.2	99.4	99.8	98.7	99.1	98.7	99.0
Petroleum and coal products .....	72.8	72.9	76.7	75.8	75.8	75.1	73.4	74.8	75.5	76.3	73.8	74.1	72.9
Rubber and misc. plastics products .....	139.7	141.1	141.0	141.2	142.8	142.1	141.5	140.9	142.6	140.3	142.4	143.5	143.8
Leather and leather products .....	43.9	44.1	44.4	43.5	43.0	42.9	42.5	42.5	43.5	42.0	42.9	42.3	42.4
<b>Service-producing</b> .....	146.6	146.7	149.8	147.7	148.7	150.4	149.0	150.5	151.7	149.1	153.4	153.3	151.8
<b>Transportation and public utilities</b> .....	127.6	127.2	130.1	128.3	129.4	130.8	129.2	130.4	130.6	129.6	132.3	133.0	131.6
<b>Wholesale trade</b> .....	123.7	123.7	126.0	123.9	125.3	126.3	125.4	126.3	127.2	125.4	128.5	128.5	127.1
<b>Retail trade</b> .....	132.7	134.1	135.5	134.1	135.0	135.7	135.5	137.1	137.1	136.0	139.6	139.2	137.8
<b>Finance, insurance, and real estate</b> .....	124.2	124.0	128.9	125.1	126.3	129.6	125.0	127.6	130.6	125.6	131.1	131.3	128.1
<b>Services</b> .....	175.1	174.7	178.7	176.4	177.5	179.8	178.2	179.4	181.5	177.7	183.0	183.0	181.7

<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 1995 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1992 forward are subject to revision.

**ESTABLISHMENT DATA  
ALL-EMPLOYEE HOURS  
SEASONALLY ADJUSTED**

**B-10. Hours of wage and salary workers on nonfarm payrolls by major industry, seasonally adjusted**

Industry	Millions of hours (annual rate) <sup>1</sup>			Percent change		
	Feb. 1997 <sup>r</sup>	March 1997 <sup>r</sup>	April 1997 <sup>P</sup>	April 1996 to April 1997 <sup>P</sup>	Feb. 1997 to March 1997 <sup>r</sup>	March 1997 to April 1997 <sup>P</sup>
Total .....	223,848	223,450	222,296	3.1	-0.2	-0.5
Private sector .....	187,259	187,272	186,094	3.3	.0	-6
Mining .....	1,363	1,369	1,343	-.5	.5	-1.9
Construction .....	11,436	11,356	11,267	4.1	-.7	-.8
Manufacturing .....	39,842	39,986	40,022	1.2	.4	.1
Durable goods .....	23,778	23,869	23,924	2.2	.4	.2
Nondurable goods .....	16,065	16,117	16,098	-.1	.3	-.1
Transportation and public utilities .....	13,357	13,423	13,370	3.2	.5	-.4
Wholesale trade .....	13,498	13,501	13,364	3.0	.0	-1.0
Retail trade .....	33,542	33,394	33,099	3.9	-.4	-.9
Finance, insurance, and real estate .....	13,518	13,541	13,260	3.1	.2	-2.1
Services .....	60,704	60,701	60,370	4.3	.0	-.5
Government .....	36,589	36,179	36,202	2.5	-1.1	.1

<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 2490, chapter 10, "Productivity Measures: Business Sector and Major Subsectors".

SOURCE: Office of Productivity and Technology (202-606-5606). Historical data for this series also are available on the Internet at the following address: <http://stats.bls.gov/special.requests/opt/tableb10>

**ESTABLISHMENT DATA  
EARNINGS  
SEASONALLY ADJUSTED**

**B-11. Average hourly and weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry, seasonally adjusted**

Industry	1996										1997			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>p</sup>	Apr. <sup>p</sup>	
<b>Average hourly earnings</b>														
<b>Total private (in current dollars) .....</b>	\$11.72	\$11.74	\$11.83	\$11.81	\$11.87	\$11.91	\$11.90	\$11.99	\$12.04	\$12.05	\$12.10	\$12.15	\$12.14	
<b>Goods-producing .....</b>	13.40	13.38	13.45	13.48	13.56	13.56	13.57	13.62	13.69	13.73	13.75	13.79	13.81	
<b>Mining .....</b>	15.44	15.45	15.59	15.62	15.63	15.67	15.65	15.76	15.90	16.01	15.95	15.99	16.10	
<b>Construction .....</b>	15.28	15.31	15.40	15.46	15.49	15.53	15.55	15.55	15.66	15.72	15.76	15.77	15.84	
<b>Manufacturing .....</b>	12.74	12.73	12.77	12.79	12.89	12.87	12.88	12.94	12.99	13.03	13.02	13.08	13.09	
<b>Excluding overtime<sup>2</sup> .....</b>	12.09	12.06	12.12	12.15	12.22	12.21	12.21	12.27	12.30	12.34	12.32	12.38	12.35	
<b>Service-producing .....</b>	11.15	11.18	11.29	11.25	11.30	11.38	11.35	11.45	11.50	11.49	11.55	11.61	11.59	
<b>Transportation and public utilities .....</b>	14.49	14.50	14.55	14.52	14.61	14.58	14.50	14.59	14.81	14.75	14.63	14.70	14.75	
<b>Wholesale trade .....</b>	12.71	12.71	12.91	12.81	12.88	12.99	12.91	13.05	13.16	13.08	13.20	13.28	13.24	
<b>Retail trade .....</b>	7.90	7.93	8.00	7.96	8.01	8.01	8.09	8.13	8.16	8.18	8.20	8.24	8.26	
<b>Finance, insurance, and real estate .....</b>	12.64	12.76	12.86	12.77	12.85	12.92	12.86	13.02	13.01	12.95	13.08	13.15	13.05	
<b>Services .....</b>	11.65	11.69	11.79	11.78	11.82	11.89	11.90	12.02	12.07	12.06	12.15	12.19	12.17	
<b>Total private (in constant (1982) dollars)<sup>3</sup> .....</b>	7.40	7.40	7.45	7.42	7.45	7.45	7.41	7.45	7.46	7.46	7.47	7.50	( <sup>4</sup> )	
<b>Goods-producing .....</b>	8.48	8.43	8.47	8.47	8.51	8.48	8.45	8.46	8.48	8.50	8.49	8.51	( <sup>4</sup> )	
<b>Service-producing .....</b>	7.04	7.04	7.11	7.07	7.09	7.10	7.07	7.11	7.13	7.11	7.13	7.17	( <sup>4</sup> )	
<b>Average weekly earnings</b>														
<b>Total private (in current dollars) .....</b>	402.00	401.51	410.50	403.90	408.33	413.28	408.17	414.85	418.99	412.11	422.29	424.04	420.04	
<b>Goods-producing .....</b>	549.40	547.24	552.79	552.68	557.32	555.96	556.37	559.78	565.40	560.18	567.88	570.91	573.12	
<b>Mining .....</b>	894.80	698.34	715.58	701.34	700.22	711.42	710.51	706.05	726.63	709.24	736.89	737.14	727.72	
<b>Construction .....</b>	594.39	581.78	595.98	598.30	599.46	599.46	603.34	604.90	607.61	594.22	614.64	613.45	616.18	
<b>Manufacturing .....</b>	528.71	530.84	533.79	532.06	537.51	536.68	537.10	539.60	545.58	543.35	545.54	550.67	552.40	
<b>Service-producing .....</b>	362.38	363.35	372.57	365.63	368.38	374.88	370.01	375.56	379.50	372.28	383.46	384.29	380.15	
<b>Transportation and public utilities .....</b>	570.91	568.40	582.00	572.09	580.02	584.66	574.20	582.14	584.40	581.15	586.66	590.94	585.58	
<b>Wholesale trade .....</b>	484.25	482.98	499.62	488.78	493.30	500.12	491.87	499.82	507.98	497.04	512.16	513.94	507.09	
<b>Retail trade .....</b>	225.94	228.38	232.00	227.66	230.69	231.49	232.18	235.77	235.82	234.77	241.08	240.61	238.71	
<b>Finance, insurance, and real estate .....</b>	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
<b>Services .....</b>	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	
<b>Total private (in constant (1982) dollars)<sup>3</sup> .....</b>	253.95	253.00	258.50	253.71	256.17	258.46	254.31	257.67	259.60	255.02	260.83	261.75	( <sup>4</sup> )	
<b>Goods-producing .....</b>	347.06	344.83	348.10	347.16	349.64	347.69	346.65	347.69	350.31	346.65	350.76	352.41	( <sup>4</sup> )	
<b>Service-producing .....</b>	228.92	228.95	234.62	229.67	231.10	234.45	230.54	233.27	235.13	230.37	236.85	237.22	( <sup>4</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> Derived by assuming that overtime hours are paid at the rate of time and one-half.

<sup>3</sup> The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these series.

<sup>4</sup> Not available.

<sup>5</sup> These series are not computed because the average weekly hours' components are not available on a seasonally adjusted basis.

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1995 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1992 forward are subject to revision.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>
<b>Total</b> .....		117,895	118,765	119,717	120,534	121,369	-	-	-	-	-
<b>Total private</b> .....		98,086	98,980	99,865	100,566	101,405	80,182	81,009	81,628	82,254	82,998
<b>Mining</b> .....		563	567	556	558	564	416	419	416	421	426
Metal mining .....	10	50.2	50.5	51.1	51.3	51.6	39.9	40.0	39.7	39.7	-
Iron ores .....	101	8.1	8.2	8.2	8.3	-	6.8	6.8	6.8	6.8	-
Copper ores .....	102	14.8	14.8	14.9	14.9	-	11.7	11.7	11.4	11.4	-
Coal mining .....	12	100.8	100.3	95.9	95.8	96.0	82.5	82.0	79.0	78.7	-
Bituminous coal and lignite mining .....	122	94.4	93.9	89.9	89.9	-	77.2	76.8	73.9	73.7	-
Oil and gas extraction .....	13	308.2	308.5	307.5	306.4	307.9	214.9	215.6	222.1	223.2	-
Crude petroleum and natural gas .....	131	142.1	141.7	132.3	130.0	-	77.7	77.1	74.9	74.8	-
Oil and gas field services .....	138	161.1	161.7	171.1	172.3	-	133.2	134.4	144.0	145.2	-
Nonmetallic minerals, except fuels .....	14	103.4	107.2	101.4	104.5	108.2	78.3	81.7	75.5	78.9	-
Crushed and broken stone .....	142	38.7	40.3	37.6	39.2	-	30.0	31.5	28.9	30.4	-
Sand and gravel .....	144	32.2	34.0	32.5	33.5	-	-	-	-	-	-
Chemical and fertilizer minerals .....	147	14.1	14.1	13.5	13.3	-	-	-	-	-	-
<b>Construction</b> .....		4,944	5,199	5,087	5,197	5,411	3,756	4,000	3,863	3,960	4,158
General building contractors .....	15	1,153.3	1,188.0	1,185.8	1,195.6	1,220.9	796.2	829.1	823.3	829.3	-
Residential building construction .....	152	578.7	600.3	596.6	603.5	-	382.2	402.3	398.0	402.2	-
Operative builders .....	153	27.3	27.8	27.8	27.9	-	11.2	11.6	11.3	11.3	-
Nonresidential building construction .....	154	547.3	559.9	561.4	564.2	-	402.8	415.2	414.0	415.8	-
Heavy construction, except building .....	16	676.4	742.2	650.5	678.9	739.3	553.8	617.1	529.3	555.9	-
Highway and street construction .....	161	180.2	219.2	169.2	185.6	-	138.3	175.4	127.5	142.8	-
Heavy construction, except highway .....	162	496.2	523.0	481.3	493.3	-	415.5	441.7	401.8	413.1	-
Special trade contractors .....	17	3,114.4	3,268.4	3,250.6	3,322.2	3,450.7	2,406.3	2,553.5	2,510.8	2,575.2	-
Plumbing, heating, and air conditioning .....	171	720.7	732.4	752.3	753.6	-	527.4	537.1	550.4	551.8	-
Painting and paper hanging .....	172	159.0	175.5	165.0	170.1	-	127.7	144.4	132.3	138.0	-
Electrical work .....	173	600.0	605.6	639.2	645.4	-	466.4	471.4	501.1	505.6	-
Masonry, stonework, and plastering .....	174	418.9	440.5	443.3	455.9	-	358.1	379.7	375.4	387.2	-
Carpentry and floor work .....	175	226.3	234.1	245.2	252.9	-	166.9	174.9	184.8	191.5	-
Roofing, siding, and sheet metal work .....	176	207.8	222.1	207.3	215.4	-	164.7	178.0	161.1	169.0	-
<b>Manufacturing</b> .....		18,188	18,202	18,181	18,216	18,217	12,551	12,566	12,546	12,577	12,574
<b>Durable goods</b> .....		10,597	10,639	10,694	10,728	10,740	7,248	7,288	7,329	7,360	7,369
Lumber and wood products .....	24	741.8	748.8	760.2	764.3	769.4	607.3	613.6	624.4	628.2	632.7
Logging .....	241	76.1	73.4	75.0	72.9	-	61.0	58.7	59.6	57.9	-
Sawmills and planing mills .....	242	179.1	180.7	183.8	184.3	-	154.7	156.0	160.1	160.6	-
Sawmills and planing mills, general .....	2421	141.8	143.0	146.0	146.8	-	122.0	123.0	126.6	127.4	-
Hardwood dimension and flooring mills .....	2426	35.7	36.0	36.1	35.8	-	31.3	31.6	32.0	31.8	-
Millwork, plywood, and structural members .....	243	272.9	276.8	282.7	285.4	-	217.4	221.1	226.1	228.7	-
Millwork .....	2431	105.8	108.1	111.4	112.9	-	80.9	82.9	85.4	86.8	-
Wood kitchen cabinets .....	2434	76.6	77.3	79.4	79.7	-	61.6	62.2	63.7	63.8	-
Hardwood veneer and plywood .....	2435	27.6	27.6	27.9	27.9	-	23.5	23.6	23.6	23.7	-
Softwood veneer and plywood .....	2436	28.5	28.5	28.4	28.4	-	25.6	25.5	26.5	26.6	-
Wood containers .....	244	49.8	50.2	50.4	51.2	-	42.3	42.4	43.1	43.6	-
Wood buildings and mobile homes .....	245	80.0	82.0	82.3	83.7	-	63.6	65.6	65.4	66.8	-
Mobile homes .....	2451	61.9	63.2	62.8	64.0	-	51.7	52.9	52.3	53.3	-
Miscellaneous wood products .....	249	83.9	85.7	86.0	86.8	-	68.3	70.0	70.1	70.6	-
Furniture and fixtures .....	25	499.7	497.3	503.6	504.3	501.6	394.8	392.4	399.7	400.0	398.4
Household furniture .....	251	280.3	278.0	279.9	279.7	-	234.6	232.9	236.3	235.8	-
Wood household furniture .....	2511	126.8	125.1	126.5	126.2	-	108.6	106.9	109.4	109.1	-
Upholstered household furniture .....	2512	90.0	89.8	89.6	90.2	-	75.7	75.7	75.7	76.1	-
Metal household furniture .....	2514	21.3	21.5	20.7	20.1	-	17.4	17.7	17.3	16.7	-
Mattresses and bedsprings .....	2515	31.2	31.3	31.5	31.7	-	23.9	24.1	24.2	24.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Durable goods—Continued</b>											
<b>Furniture and fixtures—Continued</b>											
Office furniture .....	252	60.3	60.8	59.7	59.8	-	44.5	44.0	43.9	44.0	-
Public building and related furniture .....	253	40.8	41.9	43.1	43.3	-	32.0	33.0	33.9	34.1	-
Partitions and fixtures .....	254	82.4	80.8	84.2	84.7	-	60.1	58.9	61.6	62.1	-
Miscellaneous furniture and fixtures .....	259	35.9	35.8	36.7	36.8	-	23.6	23.6	24.0	24.0	-
<b>Stone, clay, and glass products .....</b>	<b>32</b>	<b>523.1</b>	<b>533.0</b>	<b>518.9</b>	<b>525.5</b>	<b>535.1</b>	<b>405.2</b>	<b>414.5</b>	<b>402.1</b>	<b>408.0</b>	<b>416.6</b>
Flat glass .....	321	15.2	14.9	15.3	15.3	-	12.1	11.9	12.3	12.3	-
Glass and glassware, pressed or blown .....	322	70.2	70.0	69.9	69.0	-	59.0	58.8	58.5	57.7	-
Glass containers .....	3221	28.8	28.5	26.8	26.1	-	26.0	25.7	24.1	23.4	-
Pressed and blown glass, nec .....	3229	41.4	41.5	43.1	42.9	-	33.0	33.1	34.4	34.3	-
Products of purchased glass .....	323	61.0	60.9	58.8	58.8	-	47.3	47.2	45.5	45.6	-
Cement, hydraulic .....	324	17.3	17.3	17.3	17.3	-	12.9	13.1	13.2	13.2	-
Structural clay products .....	325	32.5	33.2	33.1	33.4	-	25.1	25.8	25.9	26.2	-
Pottery and related products .....	326	39.3	39.3	38.4	38.3	-	31.2	31.3	30.4	30.5	-
Concrete, gypsum, and plaster products .....	327	198.1	207.7	197.4	204.3	-	149.5	158.2	148.7	154.7	-
Concrete block and brick .....	3271	18.6	17.3	16.6	17.0	-	10.5	10.9	10.5	10.7	-
Concrete products, nec .....	3272	67.6	69.1	69.3	70.7	-	50.2	51.6	52.0	53.2	-
Ready-mixed concrete .....	3273	96.7	104.1	94.4	99.4	-	75.3	82.2	72.9	77.5	-
Misc. nonmetallic mineral products .....	329	76.7	76.5	75.6	75.6	-	58.8	58.7	58.1	58.0	-
Abrasive products .....	3291	19.5	19.4	18.8	18.8	-	15.2	15.2	14.9	15.0	-
Asbestos products .....	3292	2.5	2.5	2.4	2.4	-	2.1	2.1	2.0	2.0	-
Mineral wool .....	3296	24.0	23.8	24.4	24.2	-	-	-	-	-	-
<b>Primary metal industries .....</b>	<b>33</b>	<b>705.8</b>	<b>703.7</b>	<b>702.9</b>	<b>703.0</b>	<b>702.3</b>	<b>550.0</b>	<b>547.8</b>	<b>548.0</b>	<b>548.4</b>	<b>548.9</b>
Blast furnaces and basic steel products .....	331	238.0	237.4	233.1	233.0	231.3	182.6	181.8	178.9	178.8	178.4
Blast furnaces and steel mills .....	3312	169.4	169.4	163.1	163.0	-	130.5	130.2	126.1	126.0	-
Steel pipe and tubes .....	3317	27.1	27.0	27.0	27.0	-	20.4	20.4	20.4	20.4	-
Iron and steel foundries .....	332	126.9	126.3	126.5	127.3	-	103.9	103.2	103.9	104.5	-
Gray and ductile iron foundries .....	3321	80.9	80.3	80.3	80.9	-	67.0	66.3	66.7	67.1	-
Malleable iron foundries .....	3322	4.1	4.0	3.8	3.8	-	3.2	3.1	2.9	2.9	-
Steel foundries, nec .....	3325	25.6	25.5	25.1	25.2	-	20.8	20.8	20.5	20.7	-
Primary nonferrous metals .....	333	40.7	40.8	40.2	40.2	-	31.2	31.3	31.2	31.1	-
Primary aluminum .....	3334	22.7	22.7	22.2	22.1	-	18.0	18.1	18.0	17.9	-
Nonferrous rolling and drawing .....	335	166.6	166.2	167.7	167.1	-	126.6	126.5	127.7	127.7	-
Copper rolling and drawing .....	3351	22.4	22.2	22.8	22.6	-	17.2	17.1	17.7	17.8	-
Aluminum sheet, plate, and foil .....	3353	21.9	21.8	21.5	21.5	-	15.8	15.7	16.0	15.9	-
Nonferrous wire drawing and insulating .....	3357	72.9	72.8	72.7	72.7	-	55.7	55.8	54.9	55.0	-
Nonferrous foundries (castings) .....	336	89.1	88.7	90.7	90.6	-	73.1	72.6	73.5	73.5	-
Aluminum foundries .....	3365	25.1	24.7	25.1	25.1	-	20.6	20.3	20.4	20.5	-
<b>Fabricated metal products .....</b>	<b>34</b>	<b>1,440.5</b>	<b>1,437.8</b>	<b>1,462.1</b>	<b>1,465.0</b>	<b>1,466.8</b>	<b>1,080.8</b>	<b>1,078.9</b>	<b>1,100.6</b>	<b>1,103.8</b>	<b>1,106.5</b>
Metal cans and shipping containers .....	341	39.8	39.6	38.5	38.5	-	34.1	33.9	33.1	33.1	-
Metal cans .....	3411	32.5	32.4	31.5	31.6	-	28.2	28.1	27.4	27.4	-
Cutlery, handtools, and hardware .....	342	125.9	125.8	127.4	127.7	-	94.8	94.8	96.9	97.2	-
Hand and edge tools, and blades and handsaws .....	3423,5	44.3	44.2	44.1	43.9	-	34.2	34.0	34.2	34.1	-
Hardware, nec .....	3429	69.8	70.0	71.6	72.2	-	52.7	53.0	54.6	55.0	-
Plumbing and heating, except electric .....	343	55.2	54.6	57.5	57.0	-	39.3	38.7	41.1	40.8	-
Plumbing fixture fittings and trim .....	3432	22.5	22.3	22.5	22.4	-	16.5	16.3	16.4	16.2	-
Heating equipment, except electric .....	3433	18.9	18.6	20.4	20.1	-	12.4	12.1	13.6	13.4	-
Fabricated structural metal products .....	344	430.5	431.7	443.1	444.2	-	313.1	314.6	324.7	325.3	-
Fabricated structural metal .....	3441	75.9	75.7	78.1	78.1	-	55.9	55.7	57.6	57.4	-
Metal doors, sash, and trim .....	3442	73.1	73.5	75.0	75.0	-	53.4	54.2	55.3	55.4	-
Fabricated plate work (boiler shops) .....	3443	102.6	102.2	102.2	102.4	-	73.8	73.3	74.1	74.1	-
Sheet metal work .....	3444	110.9	111.3	117.6	117.6	-	84.1	84.8	90.4	90.5	-
Architectural metal work .....	3446	29.6	29.8	30.2	30.4	-	20.9	21.0	21.3	21.4	-
Screw machine products, bolts, etc .....	345	99.1	98.8	99.8	100.0	-	77.7	77.4	78.1	78.6	-
Screw machine products .....	3451	51.4	51.2	51.5	51.8	-	42.1	41.8	41.8	42.2	-
Bolts, nuts, rivets, and washers .....	3452	47.7	47.6	48.3	48.2	-	35.6	35.6	36.3	36.4	-
Metal forgings and stampings .....	346	255.4	253.6	255.3	255.9	-	204.7	203.3	203.9	204.6	-
Iron and steel forgings .....	3462	30.7	30.3	31.2	31.4	-	23.6	23.2	23.8	24.1	-
Automotive stampings .....	3465	118.8	118.2	117.9	117.6	-	99.9	99.3	98.0	97.6	-
Metal stampings, nec .....	3469	94.6	93.9	95.6	96.3	-	72.5	72.3	74.0	74.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>
<b>Durable goods—Continued</b>											
Fabricated metal products—Continued											
Metal services, nec .....	347	131.5	131.6	140.7	140.8	-	103.2	103.4	112.1	112.3	-
Plating and polishing .....	3471	81.3	81.4	87.4	87.6	-	64.1	64.1	69.9	70.1	-
Metal coating and allied services .....	3479	50.2	50.2	53.3	53.2	-	39.1	39.3	42.2	42.2	-
Ordnance and accessories, nec .....	348	48.6	48.0	44.7	44.3	-	26.8	26.2	23.7	23.7	-
Ammunition, except for small arms, nec .....	3483	25.5	24.9	23.7	23.2	-	11.2	10.6	9.6	9.7	-
Miscellaneous fabricated metal products .....	349	254.5	254.1	255.1	256.6	-	187.1	186.6	187.0	188.2	-
Valves and pipe fittings, nec .....	3494	25.1	25.1	25.4	25.3	-	19.0	18.8	18.9	18.8	-
Misc. fabricated wire products .....	3496	58.1	58.0	57.3	58.0	-	44.0	43.7	43.2	43.7	-
Industrial machinery and equipment .....	35	2,091.4	2,088.5	2,107.2	2,115.8	2,119.0	1,308.4	1,305.2	1,322.4	1,328.8	1,330.3
Engines and turbines .....	351	86.2	84.5	83.5	83.4	-	53.5	52.5	53.8	53.5	-
Turbines and turbine generator sets .....	3511	25.2	24.0	24.8	24.7	-	13.9	13.4	14.1	14.0	-
Internal combustion engines, nec .....	3519	61.0	60.5	58.7	58.7	-	39.6	39.1	39.7	39.5	-
Farm and garden machinery .....	352	101.2	100.0	104.8	106.2	-	74.5	73.3	76.9	78.3	-
Farm machinery and equipment .....	3523	72.9	72.4	74.9	75.7	-	52.6	52.1	54.0	54.6	-
Construction and related machinery .....	353	226.0	226.0	227.6	228.9	-	147.8	147.3	147.3	148.8	-
Construction machinery .....	3531	80.6	80.4	79.6	79.8	-	55.5	55.3	54.4	54.7	-
Mining machinery .....	3532	16.5	16.3	16.3	16.3	-	9.9	9.6	9.6	9.7	-
Oil and gas field machinery .....	3533	40.4	40.8	42.7	43.6	-	27.4	27.6	28.7	29.5	-
Conveyors and conveying equipment .....	3535	40.1	40.2	41.0	41.2	-	22.9	22.9	23.2	23.4	-
Industrial trucks and tractors .....	3537	29.6	29.5	29.3	29.3	-	20.3	20.2	20.0	20.1	-
Metalworking machinery .....	354	345.0	343.9	347.0	348.1	-	245.3	244.1	247.3	247.9	-
Machine tools, metal cutting types .....	3541	41.1	41.3	41.8	41.8	-	25.2	25.4	26.1	26.0	-
Machine tools, metal forming types .....	3542	17.6	17.5	17.4	17.4	-	11.5	11.4	11.2	11.1	-
Special dies, tools, jigs, and fixtures .....	3544	164.4	163.4	165.7	166.0	-	125.4	124.4	126.5	126.8	-
Machine tool accessories .....	3545	52.0	51.9	52.5	52.7	-	36.6	36.3	36.7	36.9	-
Power driven handtools .....	3546	24.7	24.8	24.1	24.2	-	16.8	17.0	16.8	16.9	-
Special industry machinery .....	355	177.5	176.4	172.7	172.9	-	99.8	99.0	96.9	97.1	-
Textile machinery .....	3552	15.0	14.9	14.5	14.5	-	9.9	9.9	9.8	9.7	-
Printing trades machinery .....	3555	23.2	22.7	21.6	21.7	-	13.0	12.6	12.3	12.4	-
Food products machinery .....	3556	25.7	25.7	25.6	25.9	-	15.7	15.6	15.3	15.4	-
General industrial machinery .....	356	254.4	254.4	253.7	253.4	-	163.3	163.1	162.5	162.4	-
Pumps and pumping equipment .....	3561	29.3	29.3	29.9	29.9	-	16.8	16.7	17.1	17.1	-
Ball and roller bearings .....	3562	39.2	39.0	38.8	38.8	-	31.1	31.0	30.6	30.7	-
Air and gas compressors .....	3563	26.7	26.8	26.1	25.8	-	15.5	15.5	15.3	15.0	-
Blowers and fans .....	3564	35.0	35.0	35.5	35.5	-	23.1	23.2	24.0	23.9	-
Speed changers, drives, and gears .....	3566	17.2	17.2	17.3	17.4	-	12.1	12.1	12.2	12.3	-
Power transmission equipment, nec .....	3568	21.0	21.1	20.9	20.9	-	14.7	14.8	14.8	14.6	-
Computer and office equipment .....	357	356.5	356.7	363.8	367.3	388.4	124.5	124.0	129.2	130.8	-
Electronic computers .....	3571	195.3	195.1	199.6	200.8	-	55.9	55.6	60.7	61.8	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	56.4	56.4	55.8	56.8	-	21.1	21.3	22.1	22.3	-
Refrigeration and service machinery .....	358	205.9	207.0	210.9	211.3	-	147.6	149.0	152.2	152.7	-
Refrigeration and heating equipment .....	3585	141.7	142.6	144.6	144.6	-	107.4	108.5	110.6	110.8	-
Misc. industrial and commercial machinery .....	359	338.7	339.6	343.2	344.3	-	252.1	252.9	256.3	257.3	-
Carburetors, pistons, rings, valves .....	3592	22.3	22.3	22.7	22.8	-	17.6	17.5	17.9	18.0	-
Scales, balances, and industrial machinery, nec .....	3598,9	270.8	271.7	273.9	274.6	-	206.9	207.7	209.2	210.0	-
Electronic and other electrical equipment .....	36	1,647.8	1,646.4	1,640.7	1,640.1	1,640.0	1,053.2	1,051.5	1,043.2	1,043.4	1,044.0
Electric distribution equipment .....	361	83.0	82.8	81.4	80.6	-	56.9	56.5	55.3	54.8	-
Transformers, except electronic .....	3612	40.8	40.6	38.7	37.9	-	29.3	28.9	27.3	26.6	-
Switchgear and switchboard apparatus .....	3613	42.2	42.2	42.7	42.7	-	27.6	27.6	28.0	28.2	-
Electrical industrial apparatus .....	362	158.7	158.0	156.3	155.9	-	111.8	111.1	109.1	108.6	-
Motors and generators .....	3621	78.5	78.0	76.2	76.0	-	61.3	60.8	59.4	59.0	-
Relays and industrial controls .....	3625	59.4	59.8	59.2	59.2	-	35.5	35.7	34.6	34.6	-
Household appliances .....	363	119.3	119.2	117.8	117.8	-	95.4	95.3	93.2	93.5	-
Household refrigerators and freezers .....	3632	29.7	29.8	30.5	31.2	-	24.8	24.7	24.5	25.2	-
Household laundry equipment .....	3633	15.5	15.4	16.1	16.0	-	12.9	12.9	12.7	12.5	-
Electric housewares and fans .....	3634	28.1	28.0	26.3	26.2	-	21.3	21.2	20.2	20.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Durable goods—Continued</b>											
<b>Electronic and other electrical equipment—Continued</b>											
Electric lighting and wiring equipment .....	364	175.1	174.4	175.7	174.7	-	124.9	124.4	126.2	125.4	-
Electric lamps .....	3641	21.3	21.2	21.5	21.4	-	16.4	16.3	16.6	16.6	-
Current-carrying wiring devices .....	3643	62.4	62.1	61.9	61.6	-	40.7	40.6	40.4	40.1	-
Noncurrent-carrying wiring devices .....	3644	16.7	16.5	17.1	17.1	-	12.5	12.3	13.2	13.3	-
Residential lighting fixtures .....	3645	19.4	19.2	19.2	19.1	-	14.7	14.5	14.6	14.4	-
Household audio and video equipment .....	365	81.9	81.6	79.9	79.2	-	55.8	55.8	52.3	50.8	-
Household audio and video equipment .....	3651	53.7	53.9	53.8	53.6	-	33.9	34.2	31.9	31.7	-
Communications equipment .....	366	262.0	262.0	263.1	262.9	-	128.5	128.1	125.9	125.6	-
Telephone and telegraph apparatus .....	3661	112.9	112.9	112.3	112.5	-	59.0	59.0	57.0	56.7	-
Electronic components and accessories .....	367	612.8	613.0	613.9	617.2	620.1	367.2	367.3	370.1	374.1	-
Electron tubes .....	3671	24.4	24.5	24.4	24.4	-	16.9	16.9	17.3	17.4	-
Semiconductors and related devices .....	3674	256.6	257.8	258.0	259.4	-	115.8	116.3	117.5	119.7	-
Electronic components, nec .....	3679	141.4	141.4	142.3	143.3	-	93.3	93.8	95.4	96.6	-
Misc. electrical equipment and supplies .....	369	155.0	155.4	152.6	151.8	-	112.7	113.0	111.1	110.6	-
Storage batteries .....	3691	26.1	26.1	26.5	26.4	-	20.2	20.3	20.5	20.5	-
Engine electrical equipment .....	3694	70.8	71.1	70.3	69.4	-	56.4	56.4	56.1	55.5	-
Transportation equipment .....	37	1,728.9	1,788.1	1,784.3	1,794.6	1,788.9	1,162.7	1,199.9	1,206.8	1,216.8	1,211.4
Motor vehicles and equipment .....	371	924.8	961.0	953.2	960.3	950.9	730.0	762.7	751.7	759.3	749.6
Motor vehicles and car bodies .....	3711	332.7	365.1	348.0	352.8	-	255.8	285.4	266.1	271.4	-
Truck and bus bodies .....	3713	37.5	38.7	38.0	38.8	-	29.8	31.2	30.5	31.1	-
Motor vehicle parts and accessories .....	3714	504.7	505.7	515.5	516.4	-	404.6	404.8	412.8	413.6	-
Truck trailers .....	3715	30.0	31.5	31.6	32.1	-	23.7	25.0	25.4	26.1	-
Aircraft and parts .....	372	446.0	447.9	480.0	482.7	486.3	208.0	209.8	234.4	238.0	-
Aircraft .....	3721	239.9	241.1	256.7	258.1	-	92.4	93.5	104.9	107.0	-
Aircraft engines and engine parts .....	3724	93.7	93.9	98.3	98.5	-	47.6	48.1	51.8	52.1	-
Aircraft parts and equipment, nec .....	3728	112.4	112.9	125.0	126.1	-	68.0	68.2	77.7	78.9	-
Ship and boat building and repairing .....	373	155.9	156.4	147.8	147.3	-	119.1	121.1	114.3	112.7	-
Ship building and repairing .....	3731	100.3	99.9	93.3	92.5	-	72.4	73.6	68.8	66.8	-
Boat building and repairing .....	3732	55.8	56.5	54.5	54.8	-	46.7	47.5	45.5	45.9	-
Railroad equipment .....	374	35.2	35.1	34.6	34.8	-	26.3	26.2	26.3	26.5	-
Guided missiles, space vehicles, and parts .....	376	93.0	92.6	93.5	94.0	-	25.7	25.6	24.9	25.0	-
Guided missiles and space vehicles .....	3761	66.2	65.9	66.6	67.0	-	16.4	16.3	16.3	16.3	-
Miscellaneous transportation equipment .....	379	53.3	54.2	53.8	54.1	-	38.3	39.0	39.3	39.4	-
Travel trailers and campers .....	3792	22.1	22.8	21.8	22.0	-	18.6	19.2	18.3	18.5	-
Instruments and related products .....	38	831.8	831.2	830.0	829.6	831.2	413.0	412.8	411.7	411.5	410.0
Search and navigation equipment .....	381	152.0	151.8	150.9	150.7	-	45.8	45.0	41.1	41.0	-
Measuring and controlling devices .....	382	286.3	286.5	286.1	288.9	-	145.8	145.8	148.3	148.9	-
Environmental controls .....	3822	42.2	41.9	41.3	41.2	-	27.2	27.0	27.4	27.5	-
Process control instruments .....	3823	64.1	64.2	63.9	64.1	-	32.1	32.1	32.6	32.8	-
Instruments to measure electricity .....	3825	70.7	71.0	72.2	72.6	-	31.9	32.0	31.4	31.5	-
Medical instruments and supplies .....	384	266.8	266.4	268.1	265.0	-	154.3	154.7	155.9	155.4	-
Surgical and medical instruments .....	3841	101.8	102.1	101.9	101.5	-	64.8	65.0	65.8	65.6	-
Surgical appliances and supplies .....	3842	94.4	94.0	92.5	92.3	-	58.3	58.0	57.1	56.8	-
Ophthalmic goods .....	385	35.8	35.4	34.7	34.7	-	23.2	23.3	21.9	21.6	-
Photographic equipment and supplies .....	386	83.8	84.0	83.2	83.4	-	38.2	38.3	38.7	38.9	-
Watches, clocks, watchcases, and parts .....	387	7.1	7.1	7.0	6.9	-	5.7	5.7	5.8	5.7	-
Miscellaneous manufacturing industries .....	39	386.2	384.6	383.6	386.1	385.2	272.2	271.3	270.0	271.3	270.4
Jewelry, silverware, and plated ware .....	391	48.5	48.6	47.9	47.8	-	33.4	33.5	33.0	32.8	-
Jewelry, precious metal .....	3911	35.9	35.9	35.3	35.3	-	24.4	24.4	23.9	23.8	-
Musical instruments .....	393	14.9	15.0	15.2	15.2	-	12.0	12.1	12.0	12.0	-
Toys and sporting goods .....	394	117.0	115.7	113.5	113.3	-	83.1	81.8	79.1	78.7	-
Dolls, games, toys, and children's vehicles .....	3942,4	40.0	40.0	39.8	38.6	-	26.5	26.5	26.5	25.2	-
Sporting and athletic goods, nec .....	3949	77.0	75.7	73.7	74.7	-	56.6	55.3	52.6	53.5	-
Pens, pencils, office, and art supplies .....	395	32.0	32.3	32.5	32.6	-	21.6	22.1	22.2	22.0	-
Costume jewelry and notions .....	396	24.8	24.5	24.0	24.9	-	17.5	17.4	16.9	17.7	-
Costume jewelry .....	3961	14.3	14.0	13.5	14.4	-	9.9	9.9	9.4	10.2	-
Miscellaneous manufactures .....	399	149.0	148.5	150.5	152.3	-	104.6	104.4	106.8	108.1	-
Signs and advertising specialties .....	3993	63.9	63.6	64.9	65.2	-	42.5	42.3	42.8	42.8	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry--Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>
<b>Nondurable goods</b>		7,591	7,563	7,487	7,488	7,477	5,303	5,278	5,217	5,217	5,205
Food and kindred products	20	1,625.9	1,613.2	1,612.3	1,612.8	1,605.9	1,193.9	1,182.5	1,187.8	1,187.2	1,178.8
Meat products	201	467.5	463.2	460.5	460.9	-	398.7	394.5	390.7	390.7	-
Meat packing plants	2011	139.4	138.0	137.7	136.9	-	116.4	115.3	114.5	113.8	-
Sausages and other prepared meats	2013	92.2	92.0	92.1	92.3	-	71.5	71.2	71.5	71.4	-
Poultry slaughtering and processing	2015	235.9	233.2	230.7	231.7	-	210.8	208.0	204.7	205.5	-
Dairy products	202	146.9	146.8	143.4	144.5	-	95.3	95.2	94.6	95.3	-
Cheese, natural and processed	2022	39.2	38.9	39.1	39.2	-	31.8	31.5	31.9	32.1	-
Fluid milk	2026	65.2	65.1	63.2	63.5	-	35.6	35.6	36.0	35.9	-
Preserved fruits and vegetables	203	205.9	206.6	199.6	199.7	-	168.2	169.0	164.2	164.7	-
Canned specialties	2032	20.1	19.9	19.4	19.0	-	15.9	15.6	15.3	15.0	-
Canned fruits and vegetables	2033	57.8	58.3	54.7	55.0	-	45.5	46.0	43.3	43.7	-
Frozen fruits and vegetables	2037	41.3	41.7	40.5	40.6	-	35.4	36.1	35.0	35.1	-
Grain mill products	204	126.6	125.2	125.4	125.2	-	89.9	88.6	89.2	88.8	-
Flour and other grain mill products	2041	19.2	18.1	18.7	18.7	-	12.2	11.1	11.8	11.7	-
Prepared feeds, nec	2048	42.4	42.2	42.1	42.1	-	26.7	26.5	27.1	26.9	-
Bakery products	205	201.0	201.1	199.4	199.5	-	134.8	134.9	132.7	133.0	-
Bread, cake, and related products	2051	142.8	142.3	142.4	142.5	-	87.3	86.8	86.0	86.0	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	58.2	58.8	57.0	57.0	-	47.5	48.1	46.7	47.0	-
Sugar and confectionery products	206	97.6	92.0	98.3	95.0	-	75.9	70.5	78.0	74.9	-
Raw cane sugar	2061	5.5	4.4	5.8	5.5	-	4.1	3.2	4.5	4.3	-
Cane sugar refining	2062	4.5	4.5	4.5	4.5	-	3.4	3.4	3.4	3.4	-
Beet sugar	2063	7.5	7.6	7.6	7.3	-	6.4	6.5	6.6	6.3	-
Candy and other confectionery products	2064	54.8	50.4	55.2	53.1	-	43.9	39.6	45.1	43.0	-
Fats and oils	207	30.3	30.6	30.7	30.7	-	21.2	21.5	22.0	22.0	-
Beverages	208	173.5	174.5	173.6	174.4	-	81.2	82.8	83.0	83.5	-
Malt beverages	2082	34.9	34.8	33.0	32.9	-	22.7	23.0	21.1	21.1	-
Bottled and canned soft drinks	2086	91.9	92.5	93.4	94.1	-	36.5	37.6	38.4	38.7	-
Misc. food and kindred products	209	176.6	173.2	181.4	182.9	-	128.7	125.5	133.4	134.3	-
Tobacco products	21	39.7	38.9	41.8	40.1	39.4	30.4	29.3	32.6	30.7	29.7
Cigarettes	211	27.9	28.1	28.0	28.0	-	20.6	20.7	20.8	20.8	-
Textile mill products	22	840.1	636.9	622.8	623.8	622.0	541.5	538.6	528.4	530.0	528.7
Broadwoven fabric mills, cotton	221	75.2	74.3	70.6	71.9	-	66.4	65.5	62.8	64.0	-
Broadwoven fabric mills, synthetics	222	66.7	66.7	65.2	65.0	-	58.1	56.2	54.8	54.6	-
Broadwoven fabric mills, wool	223	16.3	16.2	16.1	16.2	-	14.1	14.0	13.8	13.9	-
Narrow fabric mills	224	21.3	21.0	20.5	20.5	-	17.6	17.3	17.0	17.1	-
Knitting mills	225	187.2	187.0	179.1	179.1	-	161.1	161.1	153.8	154.1	-
Women's hosiery, except socks	2251	20.8	20.6	20.0	20.0	-	18.2	17.9	17.5	17.5	-
Hosiery, nec	2252	41.0	41.0	40.2	40.3	-	36.0	35.9	35.1	35.2	-
Knit outerwear mills	2253	56.8	56.5	55.2	55.1	-	48.9	48.7	47.1	47.1	-
Knit underwear mills	2254	22.6	22.6	20.2	20.2	-	20.1	20.3	18.0	18.0	-
Weft knit fabric mills	2257	25.6	25.9	23.0	23.1	-	21.0	21.3	19.1	19.4	-
Textile finishing, except wool	226	70.1	69.7	68.2	67.7	-	57.0	56.6	55.8	55.4	-
Finishing plants, cotton	2261	33.3	33.3	31.7	31.5	-	27.2	27.1	26.0	25.8	-
Finishing plants, synthetics	2262	23.2	22.7	22.6	22.5	-	18.4	18.0	18.1	18.0	-
Carpets and rugs	227	61.8	61.2	61.1	61.0	-	49.8	49.3	50.0	49.7	-
Yarn and thread mills	228	90.8	90.8	92.2	92.4	-	80.2	80.3	81.9	82.3	-
Yarn spinning mills	2281	68.9	68.8	68.6	68.9	-	61.5	61.6	61.3	61.7	-
Throwing and winding mills	2282	15.2	15.2	16.4	16.3	-	13.0	12.9	14.2	14.1	-
Miscellaneous textile goods	229	50.7	50.0	49.8	50.0	-	39.2	38.3	38.5	38.9	-
Apparel and other textile products	23	859.6	857.5	809.2	805.3	804.3	707.1	704.9	662.6	659.3	656.8
Men's and boys' suits and coats	231	33.6	33.3	31.2	31.1	-	27.3	27.0	25.4	25.3	-
Men's and boys' furnishings	232	226.6	227.2	214.3	213.8	-	191.3	192.2	181.8	181.2	-
Men's and boys' shirts	2321	47.4	47.1	45.4	45.2	-	39.8	39.4	38.9	38.7	-
Men's and boys' trousers and slacks	2325	70.7	71.6	66.5	66.2	-	61.0	61.5	57.4	57.1	-
Men's and boys' work clothing	2326	37.7	37.8	36.0	36.2	-	32.3	32.6	30.8	30.9	-
Women's and misses' outerwear	233	254.8	252.0	235.5	233.9	-	209.8	206.2	191.3	189.9	-
Women's and misses' blouses and shirts	2331	25.8	26.0	24.8	25.1	-	20.3	20.4	19.3	19.6	-
Women's, juniors', and misses' dresses	2335	44.5	43.4	39.0	39.2	-	36.4	35.3	30.5	30.7	-
Women's and misses' suits and coats	2337	28.1	28.1	26.5	26.0	-	21.9	21.9	20.6	20.2	-
Women's and misses' outerwear, nec	2339	156.4	154.5	145.2	143.6	-	131.2	128.6	120.9	119.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Apparel and other textile products—Continued											
Women's and children's undergarments .....	234	41.4	41.3	37.7	37.2	-	33.5	33.6	29.8	29.6	-
Women's and children's underwear .....	2341	30.3	30.4	27.8	27.1	-	25.7	25.9	22.9	22.4	-
Brassieres, girdles, and allied garments .....	2342	11.1	10.9	9.9	10.1	-	7.8	7.7	6.9	7.2	-
Girls' and children's outerwear .....	236	38.1	36.8	32.8	31.1	-	31.5	30.3	27.2	25.5	-
Girls' and children's dresses and blouses .....	2361	14.9	14.2	12.7	12.0	-	12.7	12.0	10.9	10.2	-
Misc. apparel and accessories .....	238	35.9	35.7	33.8	34.4	-	29.4	29.1	27.1	27.9	-
Misc. fabricated textile products .....	239	210.1	212.1	205.6	205.4	-	169.1	171.2	165.5	165.3	-
Curtains and draperies .....	2391	18.8	18.9	18.4	18.3	-	15.0	15.0	14.6	14.4	-
House furnishings, nec .....	2392	54.8	54.8	54.0	54.5	-	46.6	46.6	45.7	46.3	-
Automotive and apparel trimmings .....	2396	55.6	56.8	53.0	52.9	-	44.2	45.5	42.6	42.3	-
Paper and allied products .....	26	676.2	672.9	669.8	668.7	667.7	511.6	509.5	510.3	509.0	509.4
Paper mills .....	262	159.2	158.8	158.1	157.4	-	122.8	122.6	122.4	122.2	-
Paperboard mills .....	263	50.3	49.8	50.2	49.6	-	38.3	37.8	38.5	37.9	-
Paperboard containers and boxes .....	265	217.4	216.2	217.7	217.4	-	168.9	167.8	169.1	168.4	-
Corrugated and solid fiber boxes .....	2653	131.3	130.4	132.1	131.7	-	98.4	97.7	99.2	98.6	-
Sanitary food containers .....	2656	18.0	18.1	17.6	17.8	-	15.9	15.9	15.7	15.9	-
Folding paperboard boxes .....	2657	46.1	45.9	46.7	46.5	-	37.5	37.4	37.9	37.6	-
Misc. converted paper products .....	267	237.0	235.8	231.8	232.5	-	172.2	171.8	170.7	171.1	-
Paper, coated and laminated, nec .....	2672	47.4	47.4	44.9	45.1	-	22.9	22.9	23.3	23.1	-
Bags: plastics, laminated, and coated .....	2673	38.2	38.0	37.8	38.1	-	29.3	29.3	29.2	29.5	-
Envelopes .....	2677	23.9	23.7	23.7	23.7	-	18.6	18.3	18.5	18.5	-
Printing and publishing .....	27	1,530.6	1,525.1	1,521.9	1,524.1	1,523.8	838.5	834.7	827.0	829.8	827.8
Newspapers .....	271	439.4	438.4	440.2	440.3	-	149.9	149.3	147.1	147.4	-
Periodicals .....	272	129.7	129.0	130.0	130.4	-	41.9	41.7	43.5	44.2	-
Books .....	273	124.8	124.4	121.7	122.3	-	67.3	67.4	64.9	65.0	-
Book publishing .....	2731	85.4	85.0	82.7	82.9	-	35.6	35.8	34.0	33.8	-
Book printing .....	2732	39.4	39.4	39.0	39.4	-	31.7	31.6	30.9	31.2	-
Miscellaneous publishing .....	274	83.8	84.4	84.4	85.3	-	41.0	41.2	39.0	39.4	-
Commercial printing .....	275	562.7	560.6	558.6	559.2	-	404.3	402.1	398.0	398.9	-
Commercial printing, lithographic .....	2752	367.2	365.0	362.9	363.8	-	262.8	261.1	257.3	256.4	-
Commercial printing, nec .....	2759	174.8	175.0	175.7	175.2	-	125.3	124.9	124.9	124.5	-
Manifold business forms .....	276	44.2	43.8	44.5	44.5	-	30.5	30.1	31.2	31.2	-
Blankbooks and bookbinding .....	278	67.3	66.8	65.8	65.7	-	52.2	51.5	50.5	50.7	-
Printing trade services .....	279	53.2	52.6	51.1	50.9	-	37.3	36.7	34.9	34.9	-
Chemicals and allied products .....	28	1,024.0	1,021.0	1,012.2	1,013.9	1,014.3	571.9	569.4	557.6	558.2	559.5
Industrial inorganic chemicals .....	281	116.0	116.6	114.4	114.0	-	52.9	53.4	53.4	53.4	-
Industrial inorganic chemicals, nec .....	2819	70.6	71.2	69.7	69.2	-	34.7	35.1	34.9	34.8	-
Plastics materials and synthetics .....	282	154.8	154.2	151.7	151.9	-	102.4	101.8	101.4	101.5	-
Plastics materials and resins .....	2821	75.0	75.1	74.7	74.8	-	46.4	46.2	46.6	46.8	-
Organic fibers, noncellulosic .....	2824	46.2	45.6	44.8	44.8	-	35.3	35.0	34.7	34.9	-
Drugs .....	283	256.6	255.6	255.6	255.4	-	124.9	123.0	115.9	115.4	-
Pharmaceutical preparations .....	2834	206.8	206.1	204.9	204.5	-	104.4	102.6	95.1	94.5	-
Soap, cleaners, and toilet goods .....	284	150.0	148.5	147.0	147.4	-	92.1	91.0	89.4	89.3	-
Soap and other detergents .....	2841	42.7	42.2	40.5	40.3	-	23.7	23.5	22.1	21.8	-
Polishing, sanitation, and finishing preparations .....	2842,3	39.6	39.7	39.2	39.3	-	22.6	22.6	21.7	21.7	-
Toilet preparations .....	2844	67.7	66.6	67.3	67.8	-	45.8	44.9	45.6	45.8	-
Paints and allied products .....	285	56.6	56.4	57.1	57.3	-	30.1	30.0	30.4	30.5	-
Industrial organic chemicals .....	286	146.2	145.9	144.5	144.6	-	83.7	84.0	82.1	82.1	-
Cyclic crudes and intermediates .....	2865	25.9	25.8	26.2	26.5	-	15.5	15.4	16.0	16.2	-
Industrial organic chemicals, nec .....	2869	117.7	117.5	115.7	115.6	-	66.2	66.6	64.1	64.0	-
Agricultural chemicals .....	287	52.7	53.3	51.6	52.2	-	31.1	31.7	30.7	31.2	-
Miscellaneous chemical products .....	289	91.1	90.5	90.3	91.1	-	54.7	54.5	54.3	54.8	-
Petroleum and coal products .....	29	136.7	137.8	132.5	132.8	134.2	87.2	88.6	85.8	87.2	89.4
Petroleum refining .....	291	98.6	98.0	95.4	93.9	-	62.2	62.0	61.6	61.5	-
Asphalt paving and roofing materials .....	295	24.4	26.0	23.2	24.7	-	17.7	19.2	16.6	18.0	-
Rubber and misc. plastics products .....	30	960.7	962.4	972.1	973.7	973.5	744.6	744.7	753.8	754.8	754.7
Tires and inner tubes .....	301	78.1	78.1	76.5	76.2	-	56.7	56.8	55.8	55.7	-
Rubber and plastics footwear .....	302	5.7	5.8	5.4	5.6	-	4.6	4.6	4.4	4.6	-
Hose, belting, gaskets, and packing .....	305	67.5	67.4	68.8	69.3	-	51.5	51.1	52.5	53.0	-
Rubber and plastics hose and belting .....	3052	27.0	27.0	27.6	27.6	-	21.1	20.8	21.3	21.4	-
Fabricated rubber products, nec .....	306	108.7	109.0	110.9	111.3	-	83.2	83.3	85.5	85.6	-
Miscellaneous plastics products, nec .....	308	700.7	702.1	710.5	711.3	-	548.6	548.9	555.6	555.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Leather and leather products .....	31	97.9	97.3	92.3	92.7	92.1	75.9	75.7	70.8	71.1	70.6
Leather tanning and finishing .....	311	13.2	13.2	13.0	13.0	-	10.7	10.8	10.6	10.6	-
Footwear, except rubber .....	314	47.5	47.2	44.3	44.0	-	38.3	38.3	35.6	35.3	-
Men's footwear, except athletic .....	3143	24.6	24.5	22.7	22.7	-	19.3	19.3	17.7	17.7	-
Women's footwear, except athletic .....	3144	14.9	14.8	13.3	13.1	-	12.2	12.1	10.7	10.5	-
Luggage .....	316	10.5	10.5	10.0	10.6	-	7.8	7.8	7.3	7.9	-
Handbags and personal leather goods .....	317	10.9	10.6	9.4	9.5	-	7.0	6.7	5.6	5.7	-
<b>Transportation and public utilities .....</b>		<b>6,233</b>	<b>6,257</b>	<b>6,332</b>	<b>6,360</b>	<b>6,395</b>	<b>5,233</b>	<b>5,252</b>	<b>5,328</b>	<b>5,352</b>	<b>5,378</b>
Transportation .....		3,965	3,987	4,050	4,070	4,104	-	-	-	-	-
Railroad transportation .....	40	230.9	232.6	223.8	223.1	224.8	-	-	-	-	-
Class I railroads plus Amtrak <sup>2</sup> .....	4011	204.9	206.4	198.9	198.3	-	-	-	-	-	-
Local and interurban passenger transit .....	41	455.3	455.1	476.8	480.5	483.1	420.0	418.8	436.8	441.3	-
Local and suburban transportation .....	411	210.9	211.9	221.1	221.6	-	192.2	192.8	200.0	201.0	-
Taxicabs .....	412	34.5	34.6	35.2	35.6	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	24.8	25.3	27.7	27.9	-	22.5	23.1	25.2	25.5	-
School buses .....	415	152.9	149.7	160.3	161.2	-	-	-	-	-	-
Trucking and warehousing .....	42	1,835.9	1,847.3	1,837.7	1,844.4	1,861.9	1,593.6	1,604.8	1,596.1	1,603.3	-
Trucking and courier services, except air .....	421	1,688.4	1,698.6	1,683.3	1,688.5	-	1,470.3	1,480.5	1,467.5	1,473.3	-
Public warehousing and storage .....	422	142.9	144.2	150.4	151.9	-	119.3	120.3	125.0	126.4	-
Water transportation .....	44	165.8	170.2	168.2	169.9	174.4	-	-	-	-	-
Water transportation of freight, nec .....	444	13.6	13.6	13.9	13.8	-	-	-	-	-	-
Water transportation services .....	449	114.9	118.6	118.5	120.2	-	101.2	104.9	104.9	105.9	-
Transportation by air .....	45	830.6	833.2	877.9	882.9	886.6	-	-	-	-	-
Air transportation, scheduled .....	451	664.1	665.7	699.3	703.6	-	-	-	-	-	-
Air transportation, scheduled .....	4512	503.5	504.5	528.6	531.8	-	-	-	-	-	-
Airports, flying fields, and services .....	458	116.3	116.9	125.1	124.8	-	-	-	-	-	-
Pipelines, except natural gas .....	46	14.0	13.9	13.7	13.6	13.6	11.3	11.2	11.1	11.1	-
Transportation services .....	47	432.3	434.2	452.1	455.1	459.2	346.9	348.4	365.6	369.1	-
Passenger transportation arrangement .....	472	208.5	209.4	214.8	217.3	-	172.3	172.9	178.8	181.3	-
Travel agencies .....	4724	165.6	165.9	170.1	171.7	-	136.9	137.0	141.9	143.4	-
Freight transportation arrangement .....	473	179.0	178.9	187.7	187.9	-	137.6	137.7	145.8	146.2	-
<b>Communications and public utilities .....</b>		<b>2,268</b>	<b>2,270</b>	<b>2,282</b>	<b>2,290</b>	<b>2,291</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Communications .....	48	1,371.8	1,373.4	1,404.4	1,411.7	1,416.3	1,075.1	1,075.3	1,099.1	1,105.1	-
Telephone communications .....	481	937.1	937.8	956.3	963.1	-	715.4	715.1	732.3	737.1	-
Telephone communications, except radio .....	4813	822.4	821.5	823.8	829.2	-	625.8	623.9	627.1	630.0	-
Radio and television broadcasting .....	483	240.9	241.5	247.6	247.2	-	202.3	202.5	205.7	205.7	-
Radio broadcasting stations .....	4832	114.3	114.9	117.7	117.2	-	-	-	-	-	-
Television broadcasting stations .....	4833	126.6	126.6	129.9	130.0	-	-	-	-	-	-
Cable and other pay television services .....	484	171.8	172.0	179.8	181.1	-	145.4	145.6	150.0	150.9	-
Electric, gas, and sanitary services .....	49	896.5	896.2	877.7	878.0	874.7	706.8	706.1	698.1	697.0	-
Electric services .....	491	388.0	386.8	378.6	379.0	-	304.8	304.1	300.4	302.1	-
Gas production and distribution .....	492	147.9	147.6	143.8	144.2	-	115.4	115.0	111.6	111.6	-
Combination utility services .....	493	162.8	163.2	159.6	159.4	-	125.6	125.9	123.6	123.6	-
Sanitary services .....	495	165.0	165.7	162.2	161.8	-	135.4	135.3	134.2	133.4	-
<b>Wholesale trade .....</b>		<b>6,504</b>	<b>6,530</b>	<b>6,631</b>	<b>6,665</b>	<b>6,689</b>	<b>5,252</b>	<b>5,274</b>	<b>5,346</b>	<b>5,374</b>	<b>5,390</b>
Durable goods .....	50	3,826	3,838	3,891	3,909	3,921	3,060	3,070	3,099	3,113	-
Motor vehicles, parts, and supplies .....	501	498.1	499.7	504.6	506.0	-	407.0	407.7	411.8	413.1	-
Automobiles and other motor vehicles .....	5012	133.8	134.2	138.9	139.4	-	-	-	-	-	-
Motor vehicle supplies and new parts .....	5013	289.4	290.2	290.6	291.1	-	-	-	-	-	-
Furniture and home furnishings .....	502	156.5	157.2	166.4	168.4	-	124.8	125.5	132.5	134.0	-
Furniture .....	5021	72.7	73.2	78.1	78.9	-	-	-	-	-	-
Home furnishings .....	5023	83.8	84.0	88.3	89.5	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Wholesale trade—Continued</b>											
Durable goods—Continued											
Lumber and other construction materials .....	503	240.9	244.3	247.2	250.7	-	197.3	201.0	202.9	206.3	-
Lumber, plywood, and millwork .....	5031	123.0	123.9	125.7	126.4	-	-	-	-	-	-
Construction materials, nec .....	5039	38.7	38.9	39.7	40.4	-	-	-	-	-	-
Professional and commercial equipment .....	504	858.4	861.2	872.2	874.8	-	660.0	683.3	687.2	687.8	-
Office equipment .....	5044	204.2	204.7	210.4	210.9	-	-	-	-	-	-
Computers, peripherals and software .....	5045	316.5	318.2	325.3	326.4	-	-	-	-	-	-
Medical and hospital equipment .....	5047	188.9	189.2	189.4	190.6	-	156.0	155.8	154.0	154.4	-
Metals and minerals, except petroleum .....	505	145.9	146.7	149.3	150.3	-	118.1	118.5	120.4	121.2	-
Electrical goods .....	506	499.8	501.0	508.5	512.5	-	388.2	387.0	382.6	385.5	-
Electrical apparatus and equipment .....	5063	215.6	216.3	223.3	225.0	-	-	-	-	-	-
Electrical appliances, television and radio sets .....	5064	48.8	48.7	46.8	47.0	-	-	-	-	-	-
Electronic parts and equipment .....	5065	235.4	236.0	238.4	240.5	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	287.9	288.2	297.6	298.3	-	231.6	232.3	241.9	242.6	-
Hardware .....	5072	101.3	101.2	103.4	103.7	-	-	-	-	-	-
Plumbing and hydronic heating supplies .....	5074	114.0	114.3	117.6	117.9	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	800.4	803.3	815.3	818.0	-	639.2	641.5	651.0	654.5	-
Construction and mining machinery .....	5082	84.4	84.4	87.4	87.6	-	-	-	-	-	-
Farm and garden machinery .....	5083	119.5	121.2	119.4	120.8	-	-	-	-	-	-
Industrial machinery and equipment .....	5084	323.9	325.4	332.8	333.2	-	-	-	-	-	-
Industrial supplies .....	5085	152.0	152.0	152.2	152.4	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	338.1	336.6	330.1	330.4	-	273.9	273.0	268.2	268.4	-
Scrap and waste materials .....	5093	133.2	132.6	130.6	131.3	-	-	-	-	-	-
Nondurable goods .....	51	2,678	2,692	2,740	2,756	2,768	2,192	2,204	2,247	2,261	-
Paper and paper products .....	511	267.5	266.3	271.5	275.0	-	221.8	220.2	228.9	232.0	-
Stationery and office supplies .....	5112	153.9	152.7	157.5	159.4	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	202.4	203.1	214.7	215.5	-	168.2	169.3	178.9	179.6	-
Apparel, piece goods, and notions .....	513	221.7	222.6	234.2	237.0	-	176.3	177.4	188.4	191.5	-
Groceries and related products .....	514	887.6	888.5	906.9	905.7	-	745.4	744.8	761.0	759.7	-
Groceries, general line .....	5141	276.9	276.4	277.1	277.5	-	-	-	-	-	-
Meats and meat products .....	5147	61.5	61.0	61.6	61.4	-	-	-	-	-	-
Fresh fruits and vegetables .....	5148	103.8	105.4	113.7	110.2	-	-	-	-	-	-
Farm-product raw materials .....	515	106.5	107.4	103.5	104.3	-	85.9	87.2	82.9	83.2	-
Chemicals and allied products .....	516	144.0	143.7	142.7	142.5	-	106.8	106.4	104.4	104.2	-
Petroleum and petroleum products .....	517	161.0	161.0	164.9	165.7	-	133.0	132.9	136.0	137.2	-
Petroleum bulk stations and terminals .....	5171	65.0	64.6	67.0	67.7	-	-	-	-	-	-
Petroleum products, nec .....	5172	96.0	96.4	97.9	98.0	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	152.4	152.6	155.6	156.2	-	123.4	123.6	125.2	125.7	-
Beer and ale .....	5181	99.0	99.3	101.1	101.7	-	-	-	-	-	-
Wine and distilled beverages .....	5182	53.4	53.3	54.5	54.5	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	535.2	547.0	545.9	553.8	-	431.2	442.4	441.3	447.5	-
Farm supplies .....	5191	164.3	171.2	167.8	174.3	-	-	-	-	-	-
<b>Retail trade .....</b>		<b>20,912</b>	<b>21,170</b>	<b>21,401</b>	<b>21,526</b>	<b>21,753</b>	<b>18,361</b>	<b>18,599</b>	<b>18,785</b>	<b>18,901</b>	<b>19,106</b>
Building materials and garden supplies .....	52	856.0	901.9	892.9	918.6	968.6	709.1	751.1	736.2	759.8	-
Lumber and other building materials .....	521	505.7	525.7	533.9	545.2	-	425.8	443.7	448.4	458.5	-
Paint, glass, and wallpaper stores .....	523	66.1	67.1	69.5	69.7	-	50.8	51.9	53.9	53.6	-
Hardware stores .....	525	159.5	162.3	165.9	166.8	-	131.0	133.5	136.1	136.9	-
Retail nurseries and garden stores .....	526	88.2	108.8	83.7	96.3	-	71.5	91.2	66.4	78.7	-
General merchandise stores .....	53	2,579.0	2,573.8	2,657.8	2,681.9	2,657.5	2,395.7	2,394.8	2,468.1	2,492.2	-
Department stores .....	531	2,272.4	2,264.3	2,349.3	2,377.0	2,349.4	2,131.2	2,127.9	2,204.3	2,231.3	-
Variety stores .....	533	124.7	125.3	123.0	123.4	-	107.4	107.9	104.4	105.0	-
Miscellaneous general merchandise stores .....	539	181.9	184.2	185.5	181.5	-	157.1	159.0	159.4	155.9	-
Food stores .....	54	3,356.7	3,365.2	3,432.9	3,430.8	3,440.1	3,046.2	3,052.7	3,111.5	3,107.0	-
Grocery stores .....	541	2,980.1	2,978.2	3,004.7	3,000.8	-	2,726.0	2,723.0	2,746.7	2,740.5	-
Meat and fish markets .....	542	45.6	46.7	47.5	47.7	-	-	-	-	-	-
Dairy products stores .....	545	8.6	9.3	9.9	10.1	-	-	-	-	-	-
Retail bakeries .....	546	190.8	193.4	203.9	204.4	-	167.3	170.0	178.3	178.9	-
Automotive dealers and service stations .....	55	2,222.4	2,244.3	2,292.5	2,304.5	2,319.4	1,851.1	1,872.3	1,917.0	1,925.8	-
New and used car dealers .....	551	1,016.6	1,022.0	1,044.5	1,047.3	1,049.8	849.4	853.8	874.8	877.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Retail trade—Continued</b>											
Automotive dealers and service stations—Continued											
Auto and home supply stores .....	553	377.2	385.7	403.0	407.1	-	300.2	308.1	324.2	327.4	-
Gasoline service stations .....	554	649.5	652.5	665.2	663.9	-	559.1	563.0	574.9	573.2	-
Automotive dealers, nec .....	559	9.0	8.9	9.4	9.5	-	7.4	7.3	7.9	8.0	-
Apparel and accessory stores .....	56	1,068.8	1,070.4	1,069.9	1,073.7	1,075.5	871.2	873.5	878.8	883.0	-
Men's and boys' clothing stores .....	561	79.8	79.8	77.7	77.6	-	63.2	63.2	61.8	61.9	-
Women's clothing stores .....	562	324.8	324.9	314.5	314.0	-	264.6	264.7	259.9	260.5	-
Family clothing stores .....	565	293.1	292.4	291.2	290.8	-	251.0	250.3	252.3	252.3	-
Shoe stores .....	566	198.9	199.5	206.0	209.8	-	154.3	154.9	160.7	164.4	-
Furniture and home furnishings stores .....	57	944.5	949.2	1,014.4	1,011.3	1,008.9	766.1	768.8	830.5	827.5	-
Furniture and home furnishings stores .....	571	487.3	496.0	537.3	539.2	-	393.4	400.2	435.7	437.3	-
Furniture stores .....	5712	292.7	298.1	323.0	324.4	-	-	-	-	-	-
Household appliance stores .....	572	74.4	74.0	71.0	69.7	-	60.4	60.1	57.4	56.2	-
Radio, television, and computer stores .....	573	382.8	379.2	406.1	402.4	-	312.3	308.5	337.4	334.0	-
Radio, television, and electronic stores .....	5731	171.1	168.9	185.3	182.7	-	142.2	139.9	155.4	152.7	-
Record and prerecorded tape stores .....	5735	77.0	76.2	75.3	75.5	-	59.1	58.5	61.3	61.6	-
Eating and drinking places .....	58	7,272.8	7,449.3	7,301.3	7,392.3	7,572.6	6,549.5	6,711.0	6,562.0	6,650.2	-
Miscellaneous retail establishments .....	59	2,611.6	2,616.2	2,739.3	2,712.8	2,710.6	2,171.6	2,174.5	2,280.6	2,255.9	-
Drug stores and proprietary stores .....	591	604.5	605.6	619.9	619.8	-	503.8	504.3	512.0	512.7	-
Liquor stores .....	592	111.1	112.1	113.3	112.7	-	-	-	-	-	-
Used merchandise stores .....	593	105.5	105.7	116.5	117.0	-	88.5	88.3	97.1	97.2	-
Miscellaneous shopping goods stores .....	594	903.4	901.1	944.1	934.0	-	749.5	746.9	788.9	779.7	-
Sporting goods and bicycle shops .....	5941	171.1	173.8	176.8	176.5	-	-	-	-	-	-
Book stores .....	5942	118.7	116.0	123.5	120.6	-	-	-	-	-	-
Stationery stores .....	5943	85.1	84.3	88.0	86.9	-	-	-	-	-	-
Jewelry stores .....	5944	131.8	130.2	138.4	134.9	-	-	-	-	-	-
Gift, novelty, and souvenir shops .....	5947	199.9	203.8	199.0	199.4	-	-	-	-	-	-
Sewing, needlework, and piece goods .....	5949	55.9	54.2	54.0	53.2	-	-	-	-	-	-
Nonstore retailers .....	596	320.0	317.5	330.2	329.8	-	270.8	268.8	279.0	279.4	-
Catalog and mail-order houses .....	5961	195.8	194.0	208.8	207.9	-	-	-	-	-	-
Merchandising machine operators .....	5962	69.8	69.0	66.7	66.5	-	-	-	-	-	-
Fuel dealers .....	598	103.0	100.6	107.6	106.2	-	85.8	83.3	89.3	88.0	-
Retail stores, nec .....	599	464.1	473.6	507.7	493.3	-	382.6	391.4	421.8	407.3	-
Florists, tobacco stores, and newsstands .....	5992,3,4	144.2	148.8	170.8	152.4	-	-	-	-	-	-
Optical goods stores .....	5995	64.9	65.5	69.9	70.9	-	53.6	53.9	58.5	59.4	-
Miscellaneous retail stores, nec .....	5999	255.0	259.3	267.0	270.0	-	205.0	209.6	214.8	217.7	-
<b>Finance, insurance, and real estate<sup>2</sup></b> .....		<b>6,893</b>	<b>6,912</b>	<b>7,023</b>	<b>7,056</b>	<b>7,086</b>	<b>5,018</b>	<b>5,040</b>	<b>5,118</b>	<b>5,139</b>	<b>5,165</b>
Finance .....		3,287	3,294	3,376	3,390	3,400	-	-	-	-	-
Depository institutions .....	60	2,013.4	2,014.7	2,030.0	2,033.8	2,035.2	1,443.6	1,448.0	1,460.0	1,462.2	-
Commercial banks .....	602	1,458.4	1,459.1	1,478.2	1,481.7	1,483.3	1,030.5	1,033.9	1,049.0	1,051.0	-
State commercial banks .....	6022	589.8	591.2	603.8	605.9	-	421.7	422.9	431.6	432.8	-
National and commercial banks, nec .....	6021,9	868.6	867.9	874.4	875.8	-	608.8	611.0	617.4	618.2	-
Savings institutions .....	603	265.2	265.4	253.1	252.4	251.6	-	-	-	-	-
Federal savings institutions .....	6035	144.3	144.7	139.2	139.0	-	-	-	-	-	-
Savings institutions, except federal .....	6036	120.9	120.7	113.9	113.4	-	-	-	-	-	-
Credit unions .....	606	160.2	160.8	166.2	166.7	-	127.2	127.6	131.7	132.2	-
Nondepository institutions .....	61	502.4	505.4	535.9	542.6	546.5	365.8	367.8	381.9	386.6	-
Personal credit institutions .....	614	152.3	152.7	159.0	160.1	-	110.0	109.4	111.6	112.7	-
Business credit institutions .....	615	100.9	101.2	108.9	110.2	-	-	-	-	-	-
Mortgage bankers and brokers .....	616	226.3	228.4	243.1	247.3	249.2	-	-	-	-	-
Security and commodity brokers .....	62	530.4	532.4	561.3	563.6	567.2	-	-	-	-	-
Security brokers and dealers .....	621	403.6	405.2	427.5	430.8	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges .....	622,3	24.4	24.5	25.0	25.1	-	-	-	-	-	-
Security and commodity services .....	628	102.4	102.7	108.8	107.7	-	66.7	67.2	71.5	71.0	-
Holding and other investment offices .....	67	240.5	241.5	248.3	249.6	251.2	-	-	-	-	-
Holding offices .....	671	109.5	110.2	114.9	115.7	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Finance, insurance, and real estate—Continued</b>											
Insurance .....	63,64	2,257	2,253	2,260	2,264	2,265	-	-	-	-	-
Insurance carriers .....	63	1,549.0	1,546.9	1,545.4	1,544.9	1,543.7	1,104.5	1,103.9	1,110.0	1,109.4	-
Life insurance .....	631	562.6	559.0	537.0	535.4	-	372.3	370.0	355.3	351.6	-
Medical service and health insurance .....	632	321.7	322.3	339.5	339.1	-	264.8	265.2	278.6	277.7	-
Hospital and medical service plans .....	6324	260.2	260.9	277.4	276.8	-	216.9	217.5	230.4	229.4	-
Fire, marine, and casualty insurance .....	633	531.5	530.6	531.0	532.1	-	359.3	359.2	365.9	369.8	-
Title insurance .....	636	69.4	70.5	71.2	71.6	-	-	-	-	-	-
Insurance agents, brokers, and service .....	64	708.0	706.2	714.2	719.3	720.8	-	-	-	-	-
Real estate .....	65	1,349	1,365	1,387	1,402	1,421	-	-	-	-	-
Real estate operators and lessors .....	651	571.7	573.8	585.1	586.2	-	-	-	-	-	-
Real estate agents and managers .....	653	641.0	647.5	664.2	674.1	-	-	-	-	-	-
Subdividers and developers .....	655	105.4	112.7	106.1	109.8	-	-	-	-	-	-
<b>Services .....</b>		<b>33,849</b>	<b>34,143</b>	<b>34,654</b>	<b>34,988</b>	<b>35,290</b>	<b>29,595</b>	<b>29,859</b>	<b>30,226</b>	<b>30,530</b>	<b>30,801</b>
Agricultural services .....	07	540.2	612.3	533.1	564.8	639.3	446.1	515.1	439.4	469.0	-
Veterinary services .....	074	166.3	167.3	173.3	172.2	-	138.7	139.8	145.5	144.9	-
Landscape and horticultural services .....	078	328.9	398.8	313.2	344.9	-	270.7	337.7	255.7	285.1	-
Hotels and other lodging places .....	70	1,598.1	1,625.1	1,622.7	1,639.9	1,659.7	-	-	-	-	-
Hotels and motels .....	701	1,551.1	1,574.7	1,574.4	1,590.1	-	1,361.1	1,380.8	1,381.8	1,395.6	-
Personal services .....	72	1,238.1	1,237.7	1,264.3	1,256.3	1,256.5	-	-	-	-	-
Laundry, cleaning, and garment services .....	721	431.2	434.4	431.4	432.7	-	379.7	382.7	378.6	379.5	-
Photographic studios, portrait .....	722	72.2	73.8	76.6	77.1	-	-	-	-	-	-
Beauty shops .....	723	394.5	395.1	401.7	404.6	-	352.6	353.0	358.2	359.9	-
Funeral service and crematories .....	726	92.4	93.0	96.2	96.8	-	-	-	-	-	-
Miscellaneous personal services .....	729	231.3	224.7	242.2	229.2	-	203.8	198.9	214.4	202.4	-
Business services .....	73	6,944.1	6,998.9	7,229.9	7,338.6	7,376.3	6,171.3	6,224.4	6,397.0	6,499.9	-
Advertising .....	731	248.7	249.9	257.8	257.5	-	182.3	183.3	186.9	186.7	-
Advertising agencies .....	7311	168.4	170.0	176.0	176.4	-	-	-	-	-	-
Credit reporting and collection .....	732	120.8	120.8	122.0	122.3	-	-	-	-	-	-
Mailing, reproduction, and stenographic services .....	733	294.7	299.0	313.9	316.4	-	-	-	-	-	-
Photocopying and duplicating services .....	7334	75.1	76.0	79.2	79.3	-	62.6	63.4	67.3	66.9	-
Services to buildings .....	734	892.0	895.8	873.9	877.7	883.3	799.4	804.8	778.5	783.2	-
Disinfecting and pest control services .....	7342	83.0	84.9	81.3	83.3	-	85.5	87.2	84.5	86.5	-
Building maintenance services, nec .....	7349	809.0	810.9	792.6	794.4	-	733.9	737.6	714.0	716.7	-
Miscellaneous equipment rental and leasing .....	735	222.2	227.0	227.0	230.1	-	177.7	182.1	180.7	183.7	-
Medical equipment rental .....	7352	38.8	38.8	40.8	40.8	-	30.7	30.9	32.1	31.9	-
Heavy construction equipment rental .....	7353	42.1	42.8	43.3	43.8	-	35.8	36.3	36.3	36.7	-
Equipment rental and leasing, nec .....	7359	141.3	145.4	142.9	145.7	-	111.2	114.9	112.3	115.1	-
Personnel supply services .....	736	2,481.1	2,510.8	2,575.3	2,653.9	2,668.1	-	-	-	-	-
Employment agencies .....	7361	293.1	293.9	313.0	322.2	-	-	-	-	-	-
Help supply services .....	7363	2,188.0	2,216.9	2,262.3	2,331.7	2,341.2	2,126.1	2,155.2	2,192.0	2,282.1	-
Computer and data processing services .....	737	1,158.6	1,170.1	1,291.7	1,307.9	1,319.1	929.3	936.0	1,030.3	1,044.2	-
Computer programming services .....	7371	260.2	263.1	293.3	298.0	-	218.8	220.1	248.6	252.8	-
Prepackaged software .....	7372	198.6	200.2	222.2	224.2	-	-	-	-	-	-
Computer integrated systems design .....	7373	134.7	134.8	152.0	154.0	-	98.1	97.7	107.7	109.4	-
Data processing and preparation .....	7374	237.2	240.1	258.7	262.5	-	-	-	-	-	-
Information retrieval services .....	7375	63.3	64.5	70.4	71.3	-	48.0	48.7	51.2	52.1	-
Computer maintenance and repair .....	7378	50.7	51.3	54.0	54.2	-	39.4	39.2	38.9	38.8	-
Miscellaneous business services .....	738	1,526.0	1,525.5	1,568.3	1,572.8	-	1,335.4	1,337.2	1,369.7	1,370.7	-
Detective and armored car services .....	7381	551.9	548.8	545.8	547.9	-	512.3	510.0	504.8	506.6	-
Security systems services .....	7382	48.5	48.5	51.7	52.1	-	41.1	40.8	43.9	44.5	-
Photofinishing laboratories .....	7384	69.6	71.2	67.6	68.3	-	-	-	-	-	-
Auto repair, services, and parking .....	75	1,064.9	1,072.2	1,133.8	1,143.3	1,148.2	879.2	883.0	932.7	941.7	-
Automotive rentals, without drivers .....	751	192.1	194.2	206.3	209.6	-	157.8	159.1	169.3	172.3	-
Passenger car rental .....	7514	122.7	124.8	134.9	137.4	-	102.9	104.6	112.9	115.0	-
Automobile parking .....	752	64.1	64.4	64.7	64.1	-	56.1	56.7	56.9	56.5	-
Automotive repair shops .....	753	587.1	594.8	637.7	641.4	-	475.1	480.3	512.3	516.5	-
Automotive and tire repair shops .....	7532,4	209.9	211.9	229.1	230.2	-	173.4	175.0	187.5	188.8	-
General automotive repair shops .....	7538	241.0	244.6	262.4	262.6	-	194.4	196.4	210.9	211.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Services—Continued</b>											
Auto repair, services, and parking—Continued											
Automotive services, except repair .....	754	221.6	218.8	225.1	228.2	-	190.2	186.9	194.2	196.4	-
Carwashes .....	7542	127.4	124.3	128.6	129.7	-	112.6	109.2	114.1	115.0	-
Miscellaneous repair services .....	76	358.7	361.7	363.7	367.2	371.4	292.5	294.8	296.7	299.8	-
Electrical repair shops .....	762	109.3	110.9	113.9	115.5	-	-	-	-	-	-
Motion pictures .....	78	524.9	522.0	533.9	537.3	529.6	439.5	435.7	443.4	447.7	-
Motion picture production and services .....	781	239.3	237.5	248.1	246.7	-	201.9	199.5	202.7	204.6	-
Motion picture theaters .....	783	113.9	114.4	112.0	112.4	-	-	-	-	-	-
Video tape rental .....	784	150.8	148.9	154.8	157.3	-	123.4	121.1	124.8	127.3	-
Amusement and recreation services .....	79	1,395.7	1,497.6	1,381.3	1,442.4	1,529.8	1,212.2	1,307.0	1,194.1	1,249.7	-
Bowling centers .....	793	90.5	86.5	85.4	86.1	-	81.6	79.8	77.0	77.7	-
Misc. amusement and recreation services .....	799	1,013.3	1,090.9	1,002.8	1,059.7	-	879.5	952.7	866.7	920.4	-
Physical fitness facilities .....	7991	185.6	166.9	171.6	174.7	-	148.5	149.7	152.6	155.2	-
Membership sports and recreation clubs .....	7997	278.8	319.5	283.3	302.4	-	237.8	277.1	241.3	259.2	-
Health services .....	80	9,484.8	9,500.4	9,694.8	9,726.9	9,754.2	8,406.3	8,417.6	8,582.3	8,609.7	-
Offices and clinics of medical doctors .....	801	1,646.4	1,654.3	1,708.3	1,710.4	1,718.4	1,346.5	1,353.6	1,397.4	1,397.9	-
Offices and clinics of dentists .....	802	618.9	619.9	640.6	642.6	-	542.9	544.1	560.8	563.1	-
Offices and clinics of other health practitioners .....	804	441.8	442.8	450.3	454.0	-	366.2	365.7	374.0	376.7	-
Offices and clinics of chiropractors and optometrists .....	8041,2	171.0	172.7	174.6	175.9	-	-	-	-	-	-
Nursing and personal care facilities .....	805	1,723.9	1,726.8	1,758.0	1,762.9	1,768.1	1,552.6	1,554.9	1,581.2	1,585.5	-
Skilled nursing care facilities .....	8051	1,273.9	1,276.0	1,302.5	1,305.4	-	-	-	-	-	-
Intermediate care facilities .....	8052	218.2	218.5	220.3	220.8	-	196.6	196.8	198.4	198.9	-
Nursing and personal care, nec .....	8059	231.8	232.3	235.2	236.7	-	-	-	-	-	-
Hospitals .....	806	3,837.5	3,837.4	3,883.2	3,893.5	3,897.2	3,512.3	3,512.1	3,555.5	3,564.2	-
General medical and surgical hospitals .....	8062	3,536.8	3,536.2	3,582.0	3,591.2	-	-	-	-	-	-
Psychiatric hospitals .....	8063	89.9	90.0	88.0	88.3	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric .....	8069	210.8	211.2	213.2	214.0	-	-	-	-	-	-
Medical and dental laboratories .....	807	203.6	204.4	221.7	224.4	-	-	-	-	-	-
Home health care services .....	808	652.1	654.1	661.9	666.1	671.0	603.8	605.2	609.3	613.6	-
Legal services .....	81	924.1	922.0	943.3	949.2	952.0	738.3	736.3	753.0	757.6	-
Educational services .....	82	2,116.0	2,118.8	2,148.3	2,160.1	2,158.6	-	-	-	-	-
Elementary and secondary schools .....	821	588.6	583.5	588.9	589.3	-	-	-	-	-	-
Colleges and universities .....	822	1,261.0	1,288.2	1,297.4	1,305.7	-	-	-	-	-	-
Vocational schools .....	824	84.7	85.5	89.7	89.7	-	-	-	-	-	-
Social services .....	83	2,390.0	2,397.3	2,431.7	2,452.4	2,465.7	2,072.2	2,078.2	2,108.8	2,128.6	-
Individual and family services .....	832	638.6	640.2	649.6	653.7	-	554.1	555.4	562.9	567.1	-
Job training and related services .....	833	304.5	305.8	305.1	308.8	-	280.8	261.9	261.3	264.8	-
Child day care services .....	835	583.6	585.1	592.1	598.6	600.9	516.2	517.3	523.4	530.6	-
Residential care .....	836	654.8	658.2	676.7	682.0	685.4	567.4	571.2	586.6	591.2	-
Social services, nec .....	839	208.5	208.0	208.2	209.3	-	173.7	172.4	174.6	174.9	-
Museums and botanical and zoological gardens .....	84	77.9	82.3	79.1	61.2	85.8	-	-	-	-	-
Membership organizations .....	86	2,122.1	2,125.1	2,130.7	2,141.3	2,143.6	-	-	-	-	-
Business associations .....	861	106.6	105.2	103.6	104.0	-	-	-	-	-	-
Professional organizations .....	862	57.8	57.6	58.6	59.0	-	41.3	41.3	42.0	42.4	-
Labor organizations .....	863	136.9	134.7	127.6	133.5	-	-	-	-	-	-
Civic and social associations .....	864	417.7	422.7	438.7	441.8	-	-	-	-	-	-
Engineering and management services .....	87	2,878.0	2,876.6	2,970.2	2,992.7	3,024.1	2,211.1	2,209.1	2,287.3	2,284.1	-
Engineering and architectural services .....	871	819.9	827.7	854.6	861.4	869.9	674.0	680.4	698.7	705.3	-
Engineering services .....	8711	837.4	842.5	857.9	862.3	-	529.2	533.6	543.3	547.8	-
Architectural services .....	8712	129.9	131.2	141.1	142.3	-	101.4	102.3	110.1	111.0	-
Surveying services .....	8713	52.6	54.0	55.6	56.8	-	43.4	44.5	45.3	46.5	-
Accounting, auditing, and bookkeeping .....	872	592.8	589.8	610.5	613.4	-	430.8	427.8	437.9	438.0	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Services—Continued</b>											
Engineering and management services—Continued											
Research and testing services .....	873	574.2	567.4	562.7	567.2	-	443.5	437.2	428.1	431.2	-
Commercial physical research .....	8731	222.6	219.3	209.2	209.2	-	160.4	157.4	144.5	144.4	-
Commercial nonphysical research .....	8732	122.6	119.0	124.4	126.9	-	101.0	97.7	102.3	104.4	-
Noncommercial research organizations .....	8733	133.9	134.0	135.1	136.9	-	103.8	103.8	105.0	106.1	-
Management and public relations .....	874	891.1	891.7	942.4	950.7	964.4	662.8	663.7	702.6	709.6	-
Management services .....	8741	315.2	316.3	334.6	338.9	-	228.1	229.0	245.9	250.5	-
Management consulting services .....	8742	306.7	305.2	330.0	333.5	-	230.1	228.4	247.1	249.4	-
Public relations services .....	8743	36.4	35.8	38.8	39.7	-	23.7	23.3	25.0	25.7	-
Services, nec .....	89	44.7	45.4	46.0	46.9	47.7	35.5	36.1	36.5	37.1	-
<b>Government</b> .....		19,809	19,785	19,852	19,968	19,964	-	-	-	-	-
<b>Federal Government<sup>4</sup></b> .....		2,770	2,767	2,700	2,702	2,702	-	-	-	-	-
Executive, by agency <sup>4</sup> .....		2,708.9	2,706.0	2,639.4	-	-	-	-	-	-	-
Department of Defense .....		748.2	745.2	707.9	-	-	-	-	-	-	-
Postal Service <sup>2</sup> .....		854.4	852.5	851.1	-	-	-	-	-	-	-
Other executive agencies .....		1,108.3	1,108.3	1,080.4	-	-	-	-	-	-	-
Legislative .....		32.3	32.2	31.1	-	-	-	-	-	-	-
Judicial .....		28.4	28.5	29.2	-	-	-	-	-	-	-
<b>Federal Government, except Postal Service</b> .....		1,915.2	1,914.2	1,848.6	1,851.2	1,852.8	-	-	-	-	-
<b>Federal Government, by industry:</b>											
Manufacturing activities .....		58.5	56.8	50.5	50.4	-	-	-	-	-	-
Ship building and repairing .....	3731	27.9	26.2	23.7	23.7	-	-	-	-	-	-
Transportation and public utilities, except Postal Service .....		19.9	19.8	18.6	18.5	-	-	-	-	-	-
Services .....		370.4	371.1	354.9	354.7	-	-	-	-	-	-
Hospitals .....	806	230.0	229.0	218.5	218.3	-	-	-	-	-	-
<b>State government</b> .....		4,773	4,772	4,748	4,773	4,781	-	-	-	-	-
Hospitals .....	806	389.7	386.3	376.2	376.2	-	-	-	-	-	-
Education .....	82	2,098.8	2,095.4	2,088.3	2,108.3	2,111.2	-	-	-	-	-
General administration, including executive, legislative, and judicial functions .....		1,799.6	1,803.8	1,802.5	1,805.0	-	-	-	-	-	-
State government, except education .....		2,674.4	2,677.0	2,659.9	2,664.2	2,669.7	-	-	-	-	-
<b>Local government</b> .....		12,288	12,248	12,404	12,493	12,481	-	-	-	-	-
Transportation and public utilities .....		449.7	449.5	446.9	447.6	-	-	-	-	-	-
Hospitals .....	806	686.1	686.9	701.0	703.3	-	-	-	-	-	-
Education .....	82	7,058.8	7,034.2	7,165.6	7,228.0	7,195.1	-	-	-	-	-
General administration, including executive, legislative, and judicial functions .....		3,636.8	3,633.7	3,637.5	3,656.0	-	-	-	-	-	-
Local government, except education .....		5,207.8	5,211.4	5,238.4	5,265.0	5,286.2	-	-	-	-	-

<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> Data relate to line-haul railroads with operating revenues of \$253.7 million or more in 1993 and to Amtrak.

<sup>3</sup> Excludes nonoffice commissioned real estate sales agents.

<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 1995 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1995 forward are subject to revision.



**ESTABLISHMENT DATA  
WOMEN EMPLOYEES  
NOT SEASONALLY ADJUSTED**

**B-13. Women employees on nonfarm payrolls by major industry and manufacturing group**

(In thousands)

Industry	Jan. 1996	Feb. 1996	Dec. 1996	Jan. 1997	Feb. 1997
<b>Total</b> .....	56,521	57,032	59,296	58,049	58,409
<b>Total private</b> .....	45,851	46,118	48,203	47,187	47,318
<b>Goods-producing</b> .....	6,510	6,525	6,567	6,501	6,504
<b>Mining</b> .....	78	78	76	76	76
<b>Construction</b> .....	577	578	614	603	603
<b>Manufacturing</b> .....	5,855	5,869	5,877	5,822	5,825
<b>Durable goods</b> .....	2,802	2,803	2,835	2,823	2,826
Lumber and wood products .....	126	125	134	132	132
Furniture and fixtures .....	157	156	158	158	157
Stone, clay, and glass products .....	101	100	101	100	100
Primary metal industries .....	100	100	101	101	101
Fabricated metal products .....	317	316	324	322	321
Industrial machinery and equipment .....	452	452	456	459	462
Electronic and other electrical equipment .....	686	687	682	678	675
Transportation equipment .....	354	356	368	367	370
Instruments and related products .....	341	342	340	340	338
Miscellaneous manufacturing .....	169	170	171	168	169
<b>Nondurable goods</b> .....	3,053	3,066	3,042	2,999	2,999
Food and kindred products .....	525	526	538	524	522
Tobacco products .....	13	13	14	14	13
Textile mill products .....	296	300	294	292	291
Apparel and other textile products .....	644	651	613	602	604
Paper and allied products .....	183	162	163	161	161
Printing and publishing .....	686	687	692	684	685
Chemicals and allied products .....	323	323	320	320	320
Petroleum and coal products .....	24	23	24	24	23
Rubber and misc. plastics products .....	326	327	332	330	331
Leather and leather products .....	54	55	51	50	50
<b>Service-producing</b> .....	50,011	50,507	52,729	51,548	51,905
<b>Transportation and public utilities</b> .....	1,864	1,879	1,933	1,917	1,924
<b>Wholesale trade</b> .....	1,995	2,000	2,076	2,054	2,060
<b>Retail trade</b> .....	11,015	10,929	12,010	11,343	11,223
<b>Finance, insurance, and real estate</b> .....	4,324	4,338	4,441	4,425	4,437
<b>Services</b> .....	20,143	20,447	21,176	20,947	21,170
<b>Government</b> .....	10,670	10,914	11,093	10,862	11,091
Federal .....	1,160	1,164	1,174	1,143	1,143
State .....	2,308	2,403	2,399	2,330	2,418
Local .....	7,202	7,347	7,520	7,389	7,530

NOTE: Establishment survey estimates are currently projected from March 1995 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1995 forward are subject to revision.

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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry**

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>Alabama</b> .....	1,814.2	1,829.7	1,840.4	10.6	10.1	9.9	90.2	94.8	97.7
Birmingham .....	446.8	449.7	452.8	3.3	3.2	3.1	24.6	25.9	26.9
Huntsville .....	167.7	167.6	168.2	(1)	(1)	(1)	5.6	5.6	5.7
Mobile .....	211.3	216.0	218.3	(1)	(1)	(1)	15.7	16.2	17.2
Montgomery .....	152.6	156.4	157.5	(1)	(1)	(1)	8.5	9.0	9.0
Tuscaloosa .....	74.5	75.5	76.2	2.7	2.7	2.7	4.6	5.4	5.6
<b>Alaska</b> .....	251.7	250.7	253.6	10.1	9.0	9.2	9.3	9.2	9.3
Anchorage .....	116.7	117.1	117.8	2.7	2.4	2.4	4.7	4.8	4.7
<b>Arizona</b> .....	1,882.8	1,957.4	1,973.3	14.0	14.7	14.7	123.7	125.6	126.6
Phoenix-Mesa .....	1,295.8	1,363.9	1,375.2	6.6	7.2	7.1	89.1	91.1	92.0
Tucson .....	308.7	315.4	317.4	2.2	2.4	2.4	18.9	18.0	18.0
<b>Arkansas</b> .....	1,076.4	1,082.3	1,090.1	3.5	3.4	3.4	44.7	45.3	47.3
Fayetteville-Springdale-Rogers .....	132.8	138.7	137.3	(1)	(1)	(1)	5.7	5.9	5.9
Fort Smith .....	92.3	94.3	94.4	.9	.9	.8	3.4	3.7	3.7
Little Rock-North Little Rock .....	294.1	297.0	298.6	(1)	(1)	(1)	13.7	14.0	14.3
Pine Bluff .....	35.7	35.8	35.8	(1)	(1)	(1)	.9	1.0	1.0
<b>California</b> .....	12,635.6	12,922.0	13,010.5	29.4	29.1	29.1	477.6	520.0	530.6
Bakersfield .....	173.3	178.1	179.4	10.8	10.9	10.9	8.0	8.6	8.8
Fresno .....	265.9	267.8	269.3	.6	.5	.8	12.3	12.3	12.5
Los Angeles-Long Beach .....	3,776.0	3,839.9	3,859.0	5.6	5.9	5.8	106.2	105.6	106.2
Modesto .....	123.7	127.1	128.5	(2)	(2)	(2)	5.6	5.6	5.7
Oakland .....	904.7	923.7	928.5	2.1	2.1	2.1	43.1	46.7	47.2
Orange County .....	1,173.6	1,198.5	1,203.5	.9	.8	.8	49.9	52.0	53.1
Riverside-San Bernardino .....	801.0	824.6	832.8	1.3	1.1	1.2	43.1	45.5	47.8
Sacramento .....	599.1	613.5	616.2	.2	.2	.2	27.0	29.5	30.2
Salisinas .....	111.0	114.3	114.7	.1	.1	.1	3.9	4.1	4.2
San Diego .....	992.0	1,006.5	1,013.5	.3	.3	.3	42.7	45.7	46.7
San Francisco .....	940.1	965.2	972.1	.6	.6	.6	28.7	32.4	32.9
San Jose .....	867.4	897.2	904.5	.1	.1	.1	30.1	34.7	35.0
Santa Barbara-Santa Maria-Lompoc .....	144.9	147.8	148.8	1.1	1.1	1.1	5.5	6.2	6.2
Santa Rosa .....	153.7	159.4	160.3	.5	.4	.4	7.4	8.2	8.2
Stockton-Lodi .....	158.4	161.3	162.5	.1	.1	.1	5.8	7.2	7.4
Vallejo-Fairfield-Napa .....	141.8	143.9	144.5	.5	.5	.5	7.8	8.0	8.1
Ventura .....	236.7	242.8	244.4	1.9	1.5	1.5	10.0	10.7	10.9
<b>Colorado</b> .....	1,874.7	1,922.6	1,931.7	13.8	13.1	13.1	102.5	108.2	110.4
Boulder-Longmont .....	149.2	153.7	154.6	(1)	(1)	(1)	5.7	5.6	5.7
Colorado Springs .....	202.7	209.5	211.0	(1)	(1)	(1)	11.2	11.7	12.2
Denver .....	993.5	1,008.4	1,013.1	7.1	6.4	6.4	54.0	56.2	57.3
<b>Connecticut</b> .....	1,557.8	1,576.8	1,584.7	.7	.7	.7	44.8	46.2	47.9
Bridgeport .....	177.2	178.1	179.4	(2)	(2)	(2)	4.7	4.5	4.8
Danbury .....	82.8	83.5	84.1	(1)	(1)	(1)	2.7	2.8	2.8
Hartford .....	583.1	581.5	583.8	(1)	(1)	(1)	15.9	16.8	17.0
New Haven-Meriden .....	241.0	243.7	244.2	(1)	(1)	(1)	7.5	7.9	8.3
New London-Norwich .....	129.5	132.4	133.0	(1)	(1)	(1)	3.8	3.5	3.8
Stamford-Norwalk .....	192.4	194.3	196.5	(1)	(1)	(1)	4.6	4.8	5.0
Waterbury .....	81.7	83.2	83.8	(2)	(2)	(2)	2.4	2.7	2.8
<b>Delaware</b> .....	366.2	375.7	379.8	.1	.1	.1	18.6	19.7	20.7
Dover .....	50.9	52.0	52.6	.1	.1	.1	2.0	2.2	2.3
Wilmington-Newark .....	283.2	290.6	293.5	.2	.2	.2	13.5	15.0	15.5
<b>District of Columbia</b> .....	629.4	615.9	617.3	.1	.1	.1	8.6	8.6	8.9
Washington PMSA .....	2,404.5	2,417.7	2,436.0	.9	.8	.8	110.6	114.4	116.2
<b>Florida</b> .....	6,217.6	6,346.3	6,399.9	6.9	7.0	7.0	322.6	326.1	326.4
Daytona Beach .....	151.3	153.1	154.5	(2)	(2)	(2)	7.2	7.3	7.4
Fort Lauderdale .....	609.8	622.8	628.1	.1	.1	.1	33.7	34.5	34.9
Fort Myers-Cape Coral .....	152.5	154.0	153.8	(2)	(2)	(2)	11.9	12.0	11.8
Gainesville .....	111.0	111.6	112.3	(2)	(2)	(2)	4.3	4.1	4.1
Jacksonville .....	493.9	506.4	510.3	(2)	(2)	(2)	27.0	27.0	27.1
Lakeland-Winter Haven .....	167.5	171.1	172.2	3.4	3.2	3.2	8.4	8.8	8.8
Melbourne-Titusville-Palm Bay .....	169.7	171.1	172.4	(2)	(2)	(2)	9.4	8.8	8.8
Miami .....	945.9	955.7	980.8	.4	.4	.4	36.7	33.0	33.1
Orlando .....	743.4	777.6	785.0	(2)	(2)	(2)	39.0	41.1	41.3
Pensacola .....	146.9	149.3	150.7	(2)	(2)	(2)	11.1	10.7	11.0
Sarasota-Bradenton .....	227.6	235.1	238.8	(2)	(2)	(2)	12.2	12.8	13.0
Tallahassee .....	146.5	148.1	149.0	(2)	(2)	(2)	5.8	6.2	6.2
Tampa-St. Petersburg-Clearwater .....	1,030.0	1,048.5	1,058.4	.4	.4	.4	47.0	49.0	48.8
West Palm Beach-Boca Raton .....	420.7	433.9	435.8	(2)	(2)	(2)	24.1	24.8	24.7

See footnotes at end of table.

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

**B-14. Employees on nonfarm 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. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>Alabama</b> .....	383.2	380.4	381.7	89.6	89.5	89.6	412.0	415.6	418.5
Birmingham .....	52.4	51.6	51.8	30.5	29.7	29.7	107.9	108.7	109.7
Huntsville .....	39.0	38.4	38.6	3.5	3.4	3.4	32.8	33.2	33.1
Mobile .....	27.0	27.5	27.7	12.6	13.0	13.0	55.4	57.0	57.3
Montgomery .....	17.8	17.7	17.7	6.1	6.3	6.4	35.5	37.1	37.6
Tuscaloosa .....	10.5	10.6	10.6	2.4	2.5	2.5	17.1	16.9	17.1
<b>Alaska</b> .....	15.8	14.9	16.1	21.1	21.3	21.5	50.3	50.6	50.9
Anchorage .....	1.9	1.8	1.9	11.5	11.3	11.5	28.4	28.6	28.5
<b>Arizona</b> .....	198.4	201.8	202.1	89.8	94.3	94.8	462.2	478.7	484.3
Phoenix-Mesa .....	153.8	154.7	154.9	63.7	68.2	68.6	320.8	338.1	340.7
Tucson .....	27.8	28.9	29.0	13.7	13.1	13.2	67.6	68.4	68.9
<b>Arkansas</b> .....	254.1	251.4	250.9	64.2	64.4	64.8	242.3	243.2	246.3
Fayetteville-Springdale-Rogers .....	34.1	33.9	33.9	9.4	9.4	9.5	35.5	37.1	37.6
Fort Smith .....	27.3	27.4	27.5	6.2	6.4	6.4	19.2	19.7	19.7
Little Rock-North Little Rock .....	34.3	32.8	32.8	20.5	20.5	20.6	67.8	68.0	68.6
Pine Bluff .....	7.8	8.1	8.1	1.9	1.8	1.8	7.4	7.2	7.2
<b>California</b> .....	1,830.2	1,862.0	1,873.4	632.7	644.9	647.7	2,928.1	2,963.7	2,975.8
Bakersfield .....	9.6	9.8	9.8	9.1	9.1	9.0	41.2	42.8	43.1
Fresno .....	27.7	29.3	29.4	13.4	14.2	14.2	64.5	64.3	63.9
Los Angeles-Long Beach .....	644.1	653.3	657.2	201.8	205.8	205.8	834.0	841.0	841.7
Modesto .....	23.8	25.4	25.7	5.2	5.7	5.7	31.4	31.8	32.1
Oakland .....	112.2	114.8	115.2	57.7	60.4	60.6	205.9	207.2	208.3
Orange County .....	210.1	215.7	216.5	42.8	42.9	42.9	293.4	298.2	298.7
Riverside-San Bernardino .....	98.0	100.7	101.4	41.0	43.0	43.3	207.0	212.6	213.8
Sacramento .....	42.6	43.5	43.5	25.4	25.1	25.2	130.6	132.9	133.5
Salinas .....	8.8	9.5	9.4	5.0	5.3	5.3	29.8	29.9	30.1
San Diego .....	115.5	117.3	118.1	37.2	37.8	38.0	230.9	233.2	233.6
San Francisco .....	75.2	76.4	76.7	75.8	75.5	75.8	196.7	198.5	199.5
San Jose .....	243.9	249.5	250.6	24.4	25.1	25.4	170.9	178.7	177.8
Santa Barbara-Santa Maria-Lompoc .....	16.1	18.2	16.5	5.2	5.3	5.2	33.9	34.4	34.7
Santa Rosa .....	22.3	23.7	23.7	5.8	6.1	6.1	39.0	40.4	40.8
Stockton-Lodi .....	21.9	21.3	21.7	11.2	11.5	11.5	38.0	38.6	38.7
Vallejo-Fairfield-Napa .....	16.0	17.0	17.3	5.6	5.7	5.7	36.8	37.7	37.5
Ventura .....	30.2	30.2	30.5	9.8	9.3	9.6	58.0	59.3	59.4
<b>Colorado</b> .....	195.0	196.5	196.2	120.8	117.3	117.0	455.9	466.2	467.1
Boulder-Longmont .....	30.0	29.7	29.8	3.7	3.5	3.5	32.4	34.0	33.9
Colorado Springs .....	24.9	25.1	24.8	11.0	11.5	11.5	45.3	46.5	46.7
Denver .....	89.2	89.6	89.5	84.7	81.5	81.2	241.5	248.7	247.2
<b>Connecticut</b> .....	274.3	274.0	273.7	72.8	73.2	73.5	337.8	340.0	342.0
Bridgeport .....	40.0	39.8	39.9	7.0	7.2	7.2	39.5	39.6	39.6
Danbury .....	19.2	19.0	19.1	2.8	2.8	2.8	21.5	21.5	21.7
Hartford .....	89.4	91.4	91.4	25.8	26.1	26.2	121.0	118.8	119.1
New Haven-Meriden .....	39.2	38.7	38.8	15.7	15.8	15.8	50.0	51.8	51.9
New London-Norwich .....	26.7	24.9	24.7	6.4	6.3	6.3	25.9	26.3	26.5
Stamford-Norwalk .....	28.6	28.4	28.5	9.5	9.9	9.8	43.2	43.1	43.7
Waterbury .....	18.2	18.5	18.4	3.4	3.5	3.5	16.4	16.7	16.8
<b>Delaware</b> .....	56.4	57.6	57.8	15.8	15.9	15.8	79.9	81.4	82.4
Dover .....	6.4	6.3	6.4	1.6	1.6	1.6	12.8	12.9	12.9
Wilmington-Newark .....	40.2	41.8	42.0	13.9	13.7	13.7	58.7	59.7	60.2
<b>District of Columbia</b> .....	13.3	13.1	13.2	19.7	18.7	18.8	49.8	49.0	49.3
Washington PMSA .....	95.1	97.2	97.5	111.2	112.1	112.5	456.8	465.7	470.0
<b>Florida</b> .....	490.7	494.0	493.8	312.6	320.7	322.4	1,609.2	1,647.9	1,668.0
Daytona Beach .....	14.1	14.1	14.2	3.6	3.3	3.2	43.3	43.7	44.3
Fort Lauderdale .....	42.5	43.6	43.8	30.2	32.1	32.1	169.5	175.5	176.9
Fort Myers-Cape Coral .....	6.6	7.1	7.0	6.6	6.5	6.5	44.1	45.2	45.4
Gainesville .....	5.5	5.6	5.6	2.2	2.2	2.3	24.2	24.8	25.0
Jacksonville .....	36.7	37.0	37.2	34.6	35.6	35.8	123.9	126.0	127.1
Lakeland-Winter Haven .....	21.5	21.9	21.8	9.0	8.8	8.8	46.2	48.0	48.7
Melbourne-Titusville-Palm Bay .....	25.9	25.7	25.6	4.8	4.8	4.8	40.8	41.4	42.2
Miami .....	77.4	77.7	77.3	79.4	81.8	82.2	246.7	248.6	249.9
Orlando .....	51.4	52.6	52.6	38.8	40.1	40.3	164.5	192.7	194.9
Pensacola .....	11.4	11.5	11.5	6.5	6.6	6.8	36.4	38.2	38.7
Sarasota-Bradenton .....	20.3	20.3	20.3	5.5	5.3	5.3	58.9	60.7	61.0
Tallahassee .....	5.2	5.1	5.3	3.6	3.8	3.9	29.0	30.4	30.1
Tampa-St. Petersburg-Clearwater .....	86.8	87.6	87.7	45.6	45.5	45.6	256.1	265.2	267.7
West Palm Beach-Boca Raton .....	29.7	30.6	30.0	15.0	16.0	16.1	110.8	113.0	114.1

See footnotes at end of table.

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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>Alabama</b> .....	80.4	82.8	83.1	401.2	409.4	412.3	347.0	347.1	347.6
Birmingham .....	32.0	33.6	33.6	126.8	128.3	128.9	69.3	68.7	69.1
Huntsville .....	4.6	4.6	4.6	43.0	43.9	44.2	39.2	38.5	38.6
Mobile .....	9.4	9.6	9.6	56.9	58.1	59.0	34.3	34.6	34.5
Montgomery .....	8.8	9.0	9.2	39.2	40.8	40.9	36.7	36.5	36.7
Tuscaloosa .....	2.4	2.4	2.5	13.1	13.4	13.4	21.7	21.6	21.8
<b>Alaska</b> .....	11.4	11.4	11.4	59.6	60.2	61.1	74.1	74.1	74.1
Anchorage .....	7.1	7.0	7.0	32.5	32.9	33.5	27.9	28.3	28.3
<b>Arizona</b> .....	113.8	120.0	121.0	550.7	585.4	590.5	330.2	337.0	339.3
Phoenix-Mesa .....	93.0	100.2	100.8	393.2	423.3	427.7	175.6	183.1	183.5
Tucson .....	12.3	12.6	12.6	94.1	99.7	99.6	72.3	72.3	73.6
<b>Arkansas</b> .....	42.5	43.2	43.5	242.9	247.3	249.4	182.2	184.1	184.5
Fayetteville-Springdale-Rogers .....	4.4	4.8	4.8	25.1	26.5	26.4	18.6	19.1	19.2
Fort Smith .....	3.0	3.1	3.1	22.6	23.3	23.3	9.7	9.8	9.9
Little Rock-North Little Rock .....	16.9	17.3	17.2	83.2	85.6	86.1	57.7	58.8	59.0
Pine Bluff .....	1.4	1.3	1.3	8.3	8.3	8.4	8.0	8.1	8.0
<b>California</b> .....	736.4	730.8	733.0	3,864.9	4,009.8	4,048.0	2,136.3	2,161.7	2,172.9
Bakersfield .....	5.9	6.2	6.3	40.6	41.7	42.1	48.3	49.0	49.4
Fresno .....	14.3	13.8	13.8	67.0	67.2	68.0	66.1	66.2	66.9
Los Angeles-Long Beach .....	217.9	215.6	215.9	1,231.4	1,271.7	1,283.7	535.0	541.0	542.7
Modesto .....	4.4	4.3	4.3	29.7	30.6	30.8	23.6	23.7	24.2
Oakland .....	51.9	51.3	51.5	262.3	269.8	272.1	169.5	171.6	171.5
Orange County .....	86.1	85.4	85.8	358.2	368.7	370.6	132.2	134.8	135.1
Riverside-San Bernardino .....	29.8	29.9	29.9	212.1	219.0	221.8	168.7	172.8	173.8
Sacramento .....	39.7	39.1	39.3	165.4	174.5	174.6	168.2	168.7	169.7
Salinas .....	6.1	6.0	6.0	31.0	31.8	31.8	26.3	27.6	27.8
San Diego .....	56.5	56.3	56.3	316.7	322.4	325.8	192.2	193.5	194.7
San Francisco .....	97.2	98.6	98.9	340.5	357.3	361.2	125.4	125.9	126.5
San Jose .....	29.9	30.1	30.2	279.3	292.0	295.7	88.8	89.0	89.7
Santa Barbara-Santa Maria-Lompoc .....	7.0	7.2	7.1	45.9	46.5	46.9	30.2	30.9	31.1
Santa Rosa .....	9.4	9.4	9.4	43.0	44.8	45.2	26.3	26.4	26.5
Stockton-Lodi .....	8.2	8.3	8.4	39.5	40.3	40.7	33.7	34.0	34.0
Vallejo-Fairfield-Napa .....	5.5	5.7	5.7	37.4	38.1	38.3	32.2	31.2	31.4
Ventura .....	12.0	11.8	11.7	70.9	76.0	76.6	43.9	44.0	44.2
<b>Colorado</b> .....	117.1	120.1	120.6	555.8	586.2	590.4	313.8	315.0	316.9
Boulder-Longmont .....	5.3	5.5	5.5	45.5	49.1	49.6	26.6	26.3	26.6
Colorado Springs .....	10.3	10.6	10.7	65.8	69.6	70.3	34.2	34.5	34.8
Denver .....	77.4	78.8	79.0	297.3	305.6	308.0	142.3	143.6	144.5
<b>Connecticut</b> .....	130.7	128.7	128.6	470.6	483.9	487.4	228.1	230.1	230.9
Bridgeport .....	10.2	10.4	10.5	56.0	56.7	57.4	19.8	19.9	20.0
Danbury .....	3.9	4.1	4.2	22.9	23.7	23.7	9.8	9.6	9.8
Hartford .....	70.5	66.8	66.6	163.2	166.7	167.7	97.3	94.9	95.8
New Haven-Meriden .....	13.8	13.7	13.8	83.3	84.0	83.8	31.5	31.8	31.8
New London-Norwich .....	3.4	3.6	3.6	32.5	32.9	33.3	30.8	34.9	34.8
Stamford-Norwalk .....	22.3	23.2	23.2	66.7	67.5	68.9	17.5	17.4	17.4
Waterbury .....	4.2	4.4	4.4	24.5	24.7	25.2	12.6	12.7	12.7
<b>Delaware</b> .....	42.7	44.8	45.3	99.6	103.1	103.7	53.1	53.1	54.0
Dover .....	2.2	2.5	2.5	11.3	11.9	11.9	14.5	14.6	15.0
Wilmington-Newark .....	37.0	38.9	39.3	81.8	83.9	84.5	37.9	37.4	38.1
<b>District of Columbia</b> .....	29.6	28.1	28.2	263.8	265.9	267.9	244.5	232.4	230.9
Washington PMSA .....	131.3	128.4	129.5	894.8	906.9	917.0	603.8	592.2	592.5
<b>Florida</b> .....	390.0	401.8	404.4	2,115.4	2,192.4	2,216.8	970.2	956.4	961.1
Daytona Beach .....	6.6	6.7	6.7	52.1	53.8	54.4	24.4	24.2	24.3
Fort Lauderdale .....	43.1	43.4	43.9	204.8	209.6	211.9	85.9	84.0	84.5
Fort Myers-Cape Coral .....	8.5	8.6	8.5	50.2	50.3	50.2	24.5	24.2	24.3
Gainesville .....	4.6	5.1	5.1	30.4	30.9	31.0	39.8	38.9	39.2
Jacksonville .....	51.1	51.7	52.0	151.0	158.8	160.7	69.2	69.8	69.9
Lakeland-Winter Haven .....	7.7	7.8	7.9	45.4	47.0	47.3	25.9	25.6	25.7
Melbourne-Titusville-Palm Bay .....	5.7	5.6	5.8	58.8	60.2	60.4	24.5	24.6	24.8
Miami .....	66.5	67.9	67.7	302.0	310.6	313.4	136.8	135.7	136.6
Orlando .....	44.3	45.7	46.0	300.8	320.1	324.0	84.2	84.9	85.5
Pensacola .....	5.7	5.9	5.9	46.5	47.8	48.2	29.0	28.3	28.5
Sarasota-Bradenton .....	11.3	11.8	11.9	94.1	100.4	103.4	25.2	23.7	23.8
Tallahassee .....	5.4	5.6	5.7	37.2	38.1	38.6	60.1	58.7	59.0
Tampa-St. Petersburg-Clearwater .....	69.9	73.3	73.4	384.9	393.0	397.9	139.3	134.5	134.9
West Palm Beach-Boca Raton .....	28.3	29.5	29.8	156.8	165.8	166.9	56.0	54.2	54.2

See footnotes at end of table.

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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>Georgia</b> .....	3,482.2	3,531.8	3,555.3	7.9	7.8	7.8	160.9	160.4	161.6
Albany .....	57.8	59.1	59.6	(2)	(2)	(2)	4.1	4.0	4.0
Athens .....	70.8	72.1	73.2	(1)	(1)	(1)	2.5	2.3	2.4
Atlanta .....	1,871.4	1,916.8	1,928.1	1.6	1.6	1.8	89.0	91.4	91.8
Augusta-Aiken .....	189.8	194.0	194.3	.4	.4	.4	11.0	10.6	10.6
Columbus .....	111.4	111.2	112.6	(1)	(1)	(1)	5.1	4.8	4.9
Macon .....	142.9	146.4	147.3	1.2	1.1	1.1	6.1	6.1	6.1
Savannah .....	128.1	131.4	132.1	(1)	(1)	(1)	7.5	7.7	7.8
<b>Hawaii</b> .....	535.7	532.2	533.0	(1)	(1)	(1)	23.6	22.0	21.6
Honolulu .....	410.0	404.1	404.3	(1)	(1)	(1)	18.0	16.3	16.0
<b>Idaho</b> .....	479.5	488.9	495.2	2.7	3.1	3.1	26.8	27.6	29.0
Boise City .....	183.2	188.4	190.9	(1)	(1)	(1)	12.0	12.9	13.3
<b>Illinois</b> .....	5,597.3	5,630.9	5,671.6	12.5	11.9	11.8	195.1	191.1	197.2
Bloomington-Normal .....	76.0	77.5	77.2	(1)	(1)	(1)	2.1	2.1	2.2
Champaign-Urbana .....	95.9	96.3	97.6	(1)	(1)	(1)	2.6	2.6	2.6
Chicago .....	3,906.7	3,941.4	3,966.3	1.6	1.4	1.5	135.8	137.3	139.8
Davenport-Moline-Rock Island .....	169.1	172.8	173.2	(1)	(1)	(1)	7.2	7.2	7.3
Decatur .....	58.5	56.7	56.8	(1)	(1)	(1)	3.3	3.4	3.4
Kankakee .....	42.3	42.7	42.7	(1)	(1)	(1)	1.7	1.7	1.8
Peoria-Pekin .....	165.6	163.9	164.9	(1)	(1)	(1)	6.2	5.8	6.2
Rockford .....	172.2	173.4	173.4	(1)	(1)	(1)	5.8	5.5	5.6
Springfield .....	110.3	110.9	111.1	(1)	(1)	(1)	4.3	4.0	4.1
<b>Indiana</b> .....	2,778.7	2,794.1	2,815.3	5.8	6.0	6.1	119.7	117.9	122.8
Bloomington .....	63.7	65.0	65.5	(1)	(1)	(1)	2.5	3.1	3.2
Elkhart-Goshen .....	114.3	116.0	116.9	(1)	(1)	(1)	3.7	4.6	4.6
Evansville-Henderson .....	149.2	149.2	150.6	1.4	1.4	1.4	8.6	7.9	8.3
Fort Wayne .....	258.6	265.8	266.0	(1)	(1)	(1)	10.9	12.7	12.7
Gary .....	252.8	258.1	260.6	(1)	(1)	(1)	15.3	15.0	16.1
Indianapolis .....	800.7	822.3	830.0	.7	.7	.7	38.6	42.5	43.0
Kokomo .....	51.6	52.2	52.5	(1)	(1)	(1)	1.3	1.8	1.6
Lafayette .....	91.7	91.0	91.5	(1)	(1)	(1)	3.3	3.6	3.7
Muncie .....	60.1	60.6	60.8	(1)	(1)	(1)	2.2	2.6	2.6
South Bend .....	129.6	131.7	132.7	(1)	(1)	(1)	6.1	6.7	6.8
Terre Haute .....	89.5	68.8	69.2	.2	.2	.2	2.9	2.7	2.8
<b>Iowa</b> .....	1,362.7	1,368.4	1,383.3	1.9	1.8	2.0	48.9	49.3	52.2
Cedar Rapids .....	108.6	110.0	110.6	(1)	(1)	(1)	4.9	5.2	5.3
Des Moines .....	264.0	266.9	268.3	(1)	(1)	(1)	10.0	9.7	10.1
Dubuque .....	48.7	49.7	49.5	(1)	(1)	(1)	1.5	1.6	1.6
Iowa City .....	64.4	63.3	64.9	(1)	(1)	(1)	1.8	1.9	2.0
Sioux City .....	63.5	63.4	63.5	(1)	(1)	(1)	2.6	3.1	3.2
Waterloo-Cedar Falls .....	68.9	69.0	69.1	(1)	(1)	(1)	2.0	2.2	2.3
<b>Kansas</b> .....	1,214.4	1,242.3	1,256.0	8.0	7.6	7.7	52.1	53.1	56.9
Lawrence .....	44.9	44.3	45.3	(1)	(1)	(1)	1.9	1.7	1.9
Topeka .....	100.0	98.6	99.5	(1)	(1)	(1)	3.9	3.8	4.0
Wichita .....	281.3	287.9	270.7	1.4	1.4	1.5	13.0	12.9	13.5
<b>Kentucky</b> .....	1,847.3	1,668.9	1,686.2	22.9	22.4	22.4	70.5	72.0	73.4
Lexington .....	257.2	261.9	263.7	.2	.2	.2	11.2	11.6	11.8
Louisville .....	527.3	535.9	540.3	.5	.6	.8	25.1	25.8	25.8
Owensboro .....	41.6	41.5	42.0	.3	.3	.3	2.9	2.9	3.0
<b>Louisiana</b> .....	1,789.8	1,823.2	1,828.9	47.3	50.3	50.5	111.5	112.2	111.3
Alexandria .....	53.4	53.9	53.9	.1	.1	.1	3.2	3.1	3.1
Baton Rouge .....	274.3	284.1	285.1	.7	.8	.8	30.4	30.6	30.5
Houma .....	67.0	70.0	70.4	5.7	6.7	6.7	3.0	3.2	3.3
Lafayette .....	149.6	155.2	156.2	13.3	14.0	14.2	7.5	8.4	8.5
Lake Charles .....	84.0	83.9	84.2	1.5	1.4	1.4	10.9	9.3	9.1
Monroe .....	66.9	67.2	67.0	.2	.2	.2	3.4	3.4	3.3
New Orleans .....	598.7	602.5	603.7	13.6	14.0	14.1	28.8	27.5	27.8
Shreveport-Bossier City .....	162.7	168.8	169.0	2.3	2.4	2.4	8.5	9.6	9.3
<b>Maine</b> .....	522.8	527.6	529.8	.1	.1	.1	18.4	19.4	19.7
Lewiston-Auburn .....	40.1	40.1	40.2	(2)	(2)	(2)	1.5	1.4	1.5
Portland .....	131.0	136.1	136.2	(2)	(2)	(2)	5.2	5.9	5.9

See footnotes at end of table.

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

**B-14. Employees on nonfarm 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. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>Georgia</b> .....	583.5	587.4	588.3	219.3	222.3	223.8	876.5	890.5	899.5
Albany .....	8.0	8.6	8.6	2.9	2.9	2.9	13.9	14.0	14.2
Athens .....	11.8	11.8	12.0	1.9	2.0	2.0	17.3	18.7	19.0
Atlanta .....	214.2	219.2	218.5	155.9	158.2	159.3	499.2	510.1	515.7
Augusta-Aiken .....	41.0	41.3	41.4	6.1	6.4	6.4	41.4	42.9	43.2
Columbus .....	21.3	21.4	21.7	3.8	3.5	3.5	24.3	24.5	24.9
Macon .....	19.7	21.0	21.0	5.1	5.3	5.3	33.1	33.4	34.0
Savannah .....	17.1	17.2	17.2	9.2	9.4	9.3	32.8	33.7	34.0
<b>Hawaii</b> .....	16.7	16.4	16.4	40.9	41.0	41.3	135.8	135.3	135.4
Honolulu .....	12.8	12.7	12.7	33.1	33.2	33.4	101.6	100.1	99.7
<b>Idaho</b> .....	71.1	72.1	72.0	22.6	22.9	22.8	121.2	124.1	126.4
Boise City .....	33.2	34.1	34.4	8.6	9.1	9.2	43.7	45.0	45.4
<b>Illinois</b> .....	968.7	975.9	976.2	327.8	336.8	337.8	1,279.6	1,275.7	1,281.6
Bloomington-Normal .....	8.6	9.0	8.9	2.9	2.8	2.8	17.0	17.1	17.1
Champaign-Urbana .....	11.9	12.1	12.3	2.4	2.4	2.5	21.0	21.3	21.3
Chicago .....	654.8	660.3	660.8	241.5	248.2	248.5	892.8	885.8	890.2
Davenport-Moline-Rock Island .....	29.3	29.8	29.8	8.8	8.9	8.9	46.0	46.5	46.6
Decatur .....	13.7	13.7	13.7	5.3	5.0	5.0	12.0	12.2	12.2
Kankakee .....	8.6	8.6	8.6	2.0	1.9	1.9	10.4	10.4	10.4
Peoria-Pekin .....	32.5	31.5	31.5	9.2	9.1	9.2	39.8	39.7	40.0
Rockford .....	52.9	53.8	53.7	8.1	8.1	8.1	36.1	36.7	36.7
Springfield .....	4.3	4.6	4.6	5.2	4.8	4.8	23.6	23.6	23.6
<b>Indiana</b> .....	671.6	670.7	670.1	138.4	138.8	138.1	664.2	665.6	669.1
Bloomington .....	10.0	9.7	10.1	1.7	1.7	1.8	14.5	14.5	14.6
Elkhart-Goshen .....	58.0	58.2	58.6	3.3	3.3	3.4	21.1	22.3	22.3
Evansville-Henderson .....	31.9	30.9	31.0	7.2	7.3	7.4	36.9	36.2	36.2
Fort Wayne .....	72.0	73.9	73.6	12.4	12.5	12.6	61.4	62.8	62.8
Gary .....	50.7	51.0	50.9	15.5	15.1	15.3	81.2	81.1	81.2
Indianapolis .....	124.7	125.9	125.8	48.3	48.6	48.6	210.9	216.7	216.8
Kokomo .....	21.0	21.1	21.1	1.3	1.3	1.3	11.1	11.1	11.1
Lafayette .....	22.0	22.1	22.2	2.3	2.3	2.3	18.7	18.7	18.9
Muncie .....	11.3	10.9	10.9	4.2	4.0	4.1	13.3	13.4	13.4
South Bend .....	22.4	21.7	21.9	5.7	6.0	6.1	33.2	33.7	33.7
Terre Haute .....	12.1	11.5	11.5	3.1	3.1	3.1	20.3	20.2	20.1
<b>Iowa</b> .....	247.1	245.4	245.8	61.5	64.1	64.6	333.1	330.2	333.5
Cedar Rapids .....	20.9	21.0	20.9	7.4	7.9	7.9	24.4	24.3	24.3
Des Moines .....	25.5	24.6	24.4	12.7	13.4	13.4	69.1	70.8	70.9
Dubuque .....	11.1	11.7	11.8	2.1	2.0	2.0	11.7	11.7	11.6
Iowa City .....	4.7	4.8	4.7	2.1	1.9	1.9	12.2	12.5	12.7
Sioux City .....	12.8	12.6	12.5	3.8	3.8	3.8	15.7	15.3	15.3
Waterloo-Cedar Falls .....	14.6	14.5	14.5	1.9	2.2	2.1	16.3	16.1	16.1
<b>Kansas</b> .....	193.6	199.7	201.1	68.7	71.3	71.5	297.3	304.4	305.9
Lawrence .....	5.2	5.1	5.1	1.2	1.2	1.2	11.2	11.4	11.5
Topeka .....	10.7	9.9	10.0	6.2	6.6	6.6	21.6	21.3	21.4
Wichita .....	60.2	66.0	66.7	10.2	10.4	10.4	61.1	61.7	62.0
<b>Kentucky</b> .....	311.1	311.3	313.8	90.8	94.6	94.8	393.0	395.8	401.3
Lexington .....	43.7	44.4	44.5	10.2	10.3	10.2	58.2	58.7	59.4
Louisville .....	88.3	87.7	88.3	37.0	37.8	37.7	129.1	131.6	133.2
Owensboro .....	6.9	6.8	6.8	2.0	2.1	2.1	10.5	10.6	10.8
<b>Louisiana</b> .....	184.0	186.6	186.3	107.2	108.1	108.8	414.5	422.8	427.3
Alexandria .....	3.3	3.5	3.5	2.8	2.8	2.8	11.8	12.0	12.0
Baton Rouge .....	24.1	24.3	24.3	12.4	12.4	12.4	62.7	65.3	66.1
Houma .....	5.6	6.5	6.5	6.8	7.2	7.4	16.7	16.7	16.8
Lafayette .....	15.3	15.6	15.5	9.0	9.5	9.7	38.5	40.0	40.5
Lake Charles .....	11.5	11.7	11.9	4.3	4.2	4.2	17.6	17.5	17.8
Monroe .....	8.2	7.9	7.9	3.8	3.7	3.7	16.7	16.5	16.4
New Orleans .....	46.7	47.2	47.1	42.1	41.8	41.8	147.2	149.4	149.9
Shreveport-Bossier City .....	17.9	20.2	20.4	8.3	8.3	8.3	37.6	38.2	38.7
<b>Maine</b> .....	87.8	86.6	86.6	22.0	22.1	22.2	127.0	127.9	128.2
Lewiston-Auburn .....	7.9	7.8	7.7	1.7	1.7	1.7	9.9	9.9	9.8
Portland .....	14.2	15.1	15.3	6.1	6.1	6.1	36.8	37.7	37.6

See footnotes at end of table.

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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>Georgia</b> .....	178.9	182.6	183.0	880.4	908.9	917.5	574.8	571.9	573.8
Albany .....	2.2	2.3	2.3	14.1	14.6	14.8	12.6	12.7	12.8
Athens .....	2.1	2.2	2.2	14.8	15.0	15.3	20.4	20.1	20.3
Atlanta .....	118.5	123.0	123.5	541.6	557.7	560.8	251.4	255.6	256.9
Augusta-Aiken .....	6.3	6.2	6.2	44.1	45.6	45.5	39.5	40.6	40.6
Columbus .....	7.5	7.6	7.7	28.9	28.9	29.3	20.5	20.5	20.6
Macon .....	8.3	8.2	8.2	37.0	38.0	38.2	32.4	33.3	33.4
Savannah .....	4.3	4.2	4.2	36.6	37.9	38.5	20.8	21.3	21.1
<b>Hawaii</b> .....	37.1	36.2	36.0	166.8	168.6	168.8	114.8	112.7	113.5
Honolulu .....	30.2	29.2	29.1	121.4	121.6	121.8	92.9	91.0	91.6
<b>Idaho</b> .....	25.0	25.3	25.4	111.9	114.6	115.9	98.2	99.2	100.6
Boise City .....	11.5	11.1	11.1	44.7	46.3	47.5	29.5	29.9	30.0
<b>Illinois</b> .....	384.0	386.0	387.3	1,604.5	1,636.2	1,652.7	825.3	817.3	827.0
Bloomington-Normal .....	13.5	13.6	13.6	17.7	18.1	18.2	14.2	14.8	14.4
Champaign-Urbana .....	3.3	3.4	3.4	19.9	20.2	20.2	34.8	34.3	35.3
Chicago .....	300.9	301.5	302.6	1,185.4	1,218.2	1,230.4	494.1	488.7	492.5
Davenport-Moline-Rock Island .....	7.7	8.1	8.1	44.0	45.6	45.6	26.1	26.7	26.9
Decatur .....	1.9	1.9	1.9	13.7	13.9	14.0	6.6	6.6	6.6
Kankakee .....	1.6	1.7	1.7	11.1	11.4	11.3	6.9	7.0	7.0
Peoria-Pekin .....	7.8	8.0	8.0	50.7	50.9	51.0	19.4	18.9	19.0
Rockford .....	7.1	7.2	7.3	44.9	44.5	44.6	17.5	17.1	17.4
Springfield .....	7.8	7.9	7.9	31.4	32.4	32.5	33.7	33.6	33.6
<b>Indiana</b> .....	132.7	136.2	136.6	639.4	660.1	670.3	406.9	401.0	402.2
Bloomington .....	2.3	2.2	2.1	12.2	12.3	12.7	20.5	21.5	21.0
Elkhart-Goshen .....	2.8	2.7	2.7	18.0	17.6	17.9	7.4	7.3	7.4
Evansville-Henderson .....	7.2	7.4	7.4	41.2	42.9	43.5	14.8	15.2	15.4
Fort Wayne .....	13.9	14.6	14.6	58.9	61.9	62.1	27.1	27.4	27.6
Gary .....	9.0	9.5	9.5	64.3	69.0	70.0	36.8	37.4	37.6
Indianapolis .....	58.3	60.6	60.8	207.1	217.2	223.8	112.1	110.1	110.5
Kokomo .....	1.5	1.5	1.5	8.6	8.4	8.6	6.8	7.2	7.3
Lafayette .....	3.7	3.7	3.7	16.6	16.2	16.9	25.1	24.4	23.8
Muncie .....	1.7	1.7	1.7	14.6	15.2	15.3	12.8	12.8	12.8
South Bend .....	6.4	6.7	6.7	42.6	43.0	43.4	13.2	13.9	14.1
Terre Haute .....	2.3	2.4	2.4	16.4	16.3	16.6	12.2	12.4	12.5
<b>Iowa</b> .....	77.2	77.3	77.8	356.1	366.7	371.3	236.9	233.6	236.1
Cedar Rapids .....	5.7	5.6	5.7	34.0	35.3	35.6	11.3	10.7	10.9
Des Moines .....	36.7	36.6	37.0	74.8	77.3	77.9	35.2	34.5	34.6
Dubuque .....	1.6	1.6	1.6	17.0	17.3	17.1	3.7	3.8	3.8
Iowa City .....	1.7	1.8	1.8	13.6	13.2	13.8	28.3	27.2	28.0
Sioux City .....	2.6	2.6	2.6	18.6	18.6	18.6	7.4	7.4	7.5
Waterloo-Cedar Falls .....	3.1	3.3	3.3	17.9	17.8	17.9	13.1	12.9	12.9
<b>Kansas</b> .....	58.0	59.1	59.4	294.5	305.6	307.6	242.2	241.5	245.9
Lawrence .....	1.9	1.9	1.9	10.0	10.1	10.2	13.5	12.9	13.5
Topeka .....	6.6	6.8	6.8	26.9	26.9	26.7	24.1	23.3	24.0
Wichita .....	11.1	11.0	11.1	70.3	70.6	71.2	34.0	33.9	34.3
<b>Kentucky</b> .....	66.1	67.9	68.3	399.5	409.1	415.5	293.4	295.8	296.7
Lexington .....	9.9	10.1	10.3	67.4	69.9	70.9	56.4	56.7	56.4
Louisville .....	27.8	28.4	28.4	150.6	154.3	156.6	68.9	69.7	69.7
Owensboro .....	1.8	1.8	1.8	10.1	10.2	10.3	7.1	6.8	6.9
<b>Louisiana</b> .....	82.0	83.2	83.3	478.6	494.7	494.7	364.7	365.3	366.7
Alexandria .....	2.3	2.2	2.2	16.3	16.9	16.8	13.6	13.3	13.4
Baton Rouge .....	16.5	16.7	16.8	69.6	73.2	73.4	57.9	60.8	60.8
Houma .....	2.2	2.3	2.3	14.0	14.4	14.4	13.0	13.0	13.0
Lafayette .....	5.7	5.8	5.8	36.9	38.6	38.6	23.4	23.3	23.4
Lake Charles .....	2.7	2.7	2.6	22.5	23.9	23.9	13.0	13.2	13.3
Monroe .....	4.4	4.6	4.6	17.4	18.0	18.0	12.8	12.9	12.9
New Orleans .....	30.2	30.6	30.6	186.4	189.2	189.4	103.7	102.8	103.0
Shreveport-Bossier City .....	6.6	6.6	6.6	48.9	50.9	50.7	32.6	32.6	32.6
<b>Maine</b> .....	26.3	26.8	27.0	144.6	148.4	149.1	96.6	96.3	96.9
Lewiston-Auburn .....	1.9	2.0	2.1	12.3	12.4	12.5	4.9	4.9	4.9
Portland .....	11.8	12.4	12.3	38.8	40.3	40.3	18.3	18.6	18.7

See footnotes at end of table.

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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>Maryland</b> .....	2,175.3	2,195.5	2,217.8	1.1	1.1	1.1	122.9	128.0	132.4
Baltimore PMSA .....	1,124.6	1,127.9	1,138.3	.1	.1	.2	58.3	60.9	63.1
Baltimore City .....	401.5	399.6	403.3	(1)	(1)	(1)	11.8	12.2	12.6
Suburban Maryland-D.C. ....	803.1	811.8	817.2	(1)	(1)	(1)	52.1	56.1	57.6
<b>Massachusetts</b> .....	2,975.5	3,034.3	3,050.3	1.1	1.1	1.2	80.6	84.8	86.6
Barnstable-Yarmouth .....	49.1	49.6	50.5	(1)	(1)	(1)	2.2	2.2	2.3
Boston .....	1,818.4	1,851.5	1,861.0	.3	.4	.4	45.9	48.4	49.5
Brockton .....	90.5	89.8	90.5	(2)	(2)	(2)	2.6	2.6	2.7
Fitchburg-Leominster .....	50.1	50.1	50.6	(2)	(2)	(2)	1.3	1.4	1.4
Lawrence .....	145.3	146.0	146.8	(2)	(2)	(2)	4.9	4.6	4.6
Lowell .....	107.9	108.9	110.1	(1)	(1)	(1)	4.0	4.0	4.2
New Bedford .....	60.5	61.3	61.6	(2)	(2)	(2)	1.6	1.7	1.7
Pittsfield .....	40.1	40.6	40.7	.1	.1	.1	1.2	1.2	1.3
Springfield .....	240.9	243.1	244.2	.1	.1	.1	6.3	6.2	6.5
Worcester .....	213.7	217.7	219.0	.2	.2	.2	5.5	6.1	6.2
<b>Michigan</b> .....	4,282.2	4,342.8	4,361.1	7.1	7.0	7.0	143.7	155.4	159.3
Ann Arbor .....	261.5	262.1	264.5	(1)	(1)	(1)	7.9	8.4	8.6
Benton Harbor .....	70.4	70.2	70.8	(1)	(1)	(1)	2.0	2.0	2.2
Detroit .....	2,014.0	2,058.6	2,068.3	.8	.8	.8	63.6	69.5	71.9
Flint .....	180.0	179.2	179.7	(1)	(1)	(1)	5.6	6.2	6.0
Grand Rapids-Muskegon-Holland .....	522.8	538.5	542.5	(1)	(1)	(1)	20.8	21.6	22.2
Jackson .....	59.2	59.5	59.8	(1)	(1)	(1)	1.7	1.7	1.8
Kalamazoo-Battle Creek .....	206.2	205.6	207.0	(1)	(1)	(1)	8.7	8.6	6.9
Lansing-East Lansing .....	222.4	230.5	231.3	(1)	(1)	(1)	7.0	7.3	7.4
Saginaw-Bay City-Midland .....	171.7	173.3	174.3	(1)	(1)	(1)	7.6	7.8	8.0
<b>Minnesota</b> .....	2,387.7	2,424.0	2,440.8	7.2	7.2	7.4	72.3	74.0	75.8
Duluth-Superior .....	105.4	108.8	108.5	4.9	5.0	5.0	2.9	3.3	3.1
Minneapolis-St. Paul .....	1,556.7	1,575.9	1,587.0	(2)	(2)	(2)	47.4	48.3	49.4
Rochester .....	69.0	69.8	70.1	(1)	(1)	(1)	2.0	2.1	2.1
St. Cloud .....	83.6	83.7	84.4	(1)	(1)	(1)	2.9	2.9	3.0
<b>Mississippi</b> .....	1,078.4	1,087.3	1,092.5	5.0	5.0	4.9	47.5	46.0	46.7
Jackson .....	214.7	215.4	217.1	(2)	(2)	(2)	10.3	10.2	10.5
<b>Missouri</b> .....	2,538.3	2,562.7	2,590.5	4.8	4.7	4.7	107.8	111.9	113.5
Kansas City .....	867.3	887.7	895.2	(1)	(1)	(1)	40.4	43.6	44.7
St. Louis .....	1,250.7	1,273.4	1,283.6	(1)	(1)	(1)	58.2	61.3	62.1
Springfield .....	155.0	155.3	157.5	(1)	(1)	(1)	6.2	6.1	6.1
<b>Montana</b> .....	349.8	352.3	354.9	5.1	5.1	5.3	13.8	13.8	14.3
<b>Nebraska</b> .....	824.3	836.9	843.4	1.1	1.0	1.1	33.0	34.1	35.8
Lincoln .....	141.3	143.4	145.1	(1)	(1)	(1)	5.4	5.5	5.8
Omaha .....	381.1	385.1	388.4	(1)	(1)	(1)	15.7	16.4	17.3
<b>Nevada</b> .....	818.7	872.2	878.1	14.0	14.8	14.9	68.5	78.7	79.3
Las Vegas .....	576.8	620.2	623.6	2.0	2.1	2.1	55.0	62.0	62.1
Reno .....	168.2	172.8	174.2	.6	.5	.5	9.9	11.6	11.8
<b>New Hampshire</b> .....	540.6	560.2	561.4	.4	.4	.4	17.4	18.7	19.0
Manchester .....	92.4	94.5	94.9	(1)	(1)	(1)	3.5	4.0	4.0
Nashua .....	84.9	87.4	88.1	(1)	(1)	(1)	2.5	2.5	2.4
Portsmouth-Rochester .....	108.4	110.1	110.6	(1)	(1)	(1)	2.9	2.9	2.9
<b>New Jersey</b> .....	3,580.8	3,617.4	3,644.7	1.7	1.8	1.9	110.9	109.7	115.1
Atlantic-Cape May .....	163.6	168.1	169.7	(1)	(1)	(1)	6.2	6.9	7.4
Bergen-Passaic .....	617.0	621.3	625.9	(1)	(1)	(1)	19.0	17.9	18.7
Camden .....	450.3	460.0	463.6	(1)	(1)	(1)	17.9	18.0	18.5
Jersey City .....	236.1	238.1	239.2	(1)	(1)	(1)	3.6	3.6	3.8
Middlesex-Somerset-Hunterdon .....	573.2	584.8	589.1	.4	.5	.5	17.0	18.7	17.6
Monmouth-Ocean .....	344.6	344.0	350.2	(1)	(1)	(1)	15.3	14.6	15.5
Newark .....	922.3	928.7	932.9	.6	.5	.5	28.2	26.2	27.3
Trenton .....	194.3	193.7	195.6	(1)	(1)	(1)	3.8	3.8	3.9
Vineland-Millville-Bridgeton .....	56.5	55.7	56.5	.3	.3	.3	1.8	1.5	1.6
<b>New Mexico</b> .....	687.1	694.9	698.1	15.2	15.0	15.0	42.5	39.7	40.6
Albuquerque .....	322.2	326.8	326.8	(1)	(1)	(1)	22.2	21.4	21.8
Las Cruces .....	50.2	51.4	51.4	(1)	(1)	(1)	3.4	3.2	3.3
Santa Fe .....	68.6	68.6	68.9	(1)	(1)	(1)	3.4	3.2	3.3

See footnotes at end of table.



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

**B-14. Employees on nonfarm 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. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>Maryland</b> .....	173.5	172.4	173.1	105.6	107.3	107.6	514.2	518.3	522.2
Baltimore PMSA .....	100.5	100.6	100.8	56.7	56.5	57.0	258.7	258.4	260.3
Baltimore City .....	32.2	32.1	32.3	19.6	19.5	19.6	64.1	63.3	64.0
Suburban Maryland-D.C. ....	36.3	36.8	36.5	34.3	34.5	34.4	191.4	194.4	195.6
<b>Massachusetts</b> .....	443.5	442.8	443.8	127.4	130.7	131.1	669.4	684.5	684.8
Barnstable-Yarmouth .....	2.2	1.8	1.9	2.6	2.9	2.9	15.3	15.5	15.8
Boston .....	219.7	218.1	219.1	79.9	82.0	82.2	392.4	395.8	395.0
Brockton .....	10.9	10.6	10.7	5.1	4.8	4.9	30.4	30.1	30.2
Fitchburg-Leominster .....	13.5	13.5	13.5	2.0	2.0	2.0	11.8	11.7	11.7
Lawrence .....	38.0	37.4	37.5	4.8	5.0	5.0	34.0	35.0	35.0
Lowell .....	27.5	28.1	28.2	6.4	6.4	6.3	22.9	23.9	24.0
New Bedford .....	13.6	14.0	14.0	2.3	2.3	2.3	15.3	15.4	15.5
Pittsfield .....	7.6	7.5	7.5	1.2	1.2	1.2	9.8	10.0	9.9
Springfield .....	38.8	38.9	39.0	9.2	8.9	8.9	55.2	55.8	56.0
Worcester .....	41.2	42.0	42.2	9.4	9.1	9.0	47.1	46.9	47.3
<b>Michigan</b> .....	954.4	962.0	960.6	166.2	166.8	166.9	1,001.0	1,014.5	1,018.7
Ann Arbor .....	53.4	53.2	53.0	5.5	5.7	5.8	50.8	51.3	51.8
Benton Harbor .....	20.8	20.8	20.7	2.8	2.9	2.9	15.3	15.1	15.4
Detroit .....	438.3	447.6	445.7	91.4	92.5	92.7	474.8	482.7	485.3
Flint .....	44.5	41.4	41.2	5.0	5.1	5.1	44.5	45.4	45.8
Grand Rapids-Muskegon-Holland ..	150.5	155.4	155.7	18.3	18.8	18.9	127.9	133.1	134.2
Jackson .....	13.0	13.0	13.0	3.6	3.6	3.6	14.9	15.2	15.2
Kalamazoo-Battle Creek .....	50.1	49.4	49.3	6.8	6.9	6.9	44.7	45.0	45.3
Lansing-East Lansing .....	24.4	29.9	30.0	6.0	6.1	6.1	49.7	50.2	50.4
Saginaw-Bay City-Midland .....	39.2	38.9	39.1	7.1	7.1	7.1	43.2	43.9	44.3
<b>Minnesota</b> .....	423.6	427.1	429.1	118.7	120.9	121.4	578.8	587.8	593.1
Duluth-Superior .....	8.1	8.4	8.3	6.1	7.0	7.1	26.9	27.4	27.3
Minneapolis-St. Paul .....	271.7	271.9	273.0	85.9	85.2	85.5	373.7	381.3	384.0
Rochester .....	10.3	10.3	10.3	2.0	2.0	2.0	14.2	14.0	14.2
St. Cloud .....	15.6	15.6	15.7	2.9	2.8	2.8	25.6	25.7	25.8
<b>Mississippi</b> .....	245.0	241.1	240.7	52.3	52.0	51.7	229.0	228.8	231.2
Jackson .....	21.3	21.5	21.5	15.1	15.2	14.9	50.4	50.7	51.4
<b>Missouri</b> .....	419.0	411.7	411.8	156.5	161.0	162.0	598.9	597.5	605.3
Kansas City .....	106.6	107.0	106.9	67.2	69.8	69.9	212.0	219.0	220.5
St. Louis .....	196.9	195.7	195.6	79.1	81.0	81.5	294.8	301.2	303.9
Springfield .....	23.5	23.7	23.9	10.5	11.0	11.2	44.5	43.1	44.2
<b>Montana</b> .....	23.0	23.5	23.5	20.5	20.1	20.1	94.4	94.0	94.5
<b>Nebraska</b> .....	112.8	114.4	114.6	49.9	50.9	51.3	203.3	207.2	207.5
Lincoln .....	16.7	16.9	16.7	9.0	9.0	9.1	30.4	30.9	30.8
Omaha .....	39.2	39.4	39.7	25.6	26.1	26.5	91.1	90.8	91.0
<b>Nevada</b> .....	38.0	39.4	39.5	41.5	43.1	43.5	163.6	176.2	176.8
Las Vegas .....	21.0	22.0	22.1	29.6	30.7	30.9	117.1	126.2	126.9
Reno .....	12.8	13.2	13.2	10.6	10.8	10.9	37.6	39.7	39.6
<b>New Hampshire</b> .....	104.1	106.0	106.3	19.0	19.5	19.5	136.5	143.5	143.1
Manchester .....	13.0	13.3	13.4	5.4	5.7	5.7	22.4	22.9	23.0
Nashua .....	26.8	27.2	27.2	2.2	2.2	2.2	20.7	21.7	22.0
Portsmouth-Rochester .....	19.3	18.8	18.8	3.7	4.0	4.2	27.3	28.0	28.0
<b>New Jersey</b> .....	485.4	480.0	481.0	251.8	255.6	257.0	830.8	843.4	846.5
Atlantic-Cape May .....	6.5	6.3	6.3	7.2	7.1	7.1	30.5	32.0	32.2
Bergen-Passaic .....	106.7	104.5	104.9	33.2	34.0	34.4	169.9	170.9	171.8
Camden .....	55.1	55.0	55.3	22.0	22.5	22.6	120.0	125.1	125.8
Jersey City .....	27.9	27.1	27.6	28.6	28.4	28.7	56.1	56.4	56.0
Middlesex-Somerset-Hunterdon ..	92.6	93.6	93.7	46.0	46.7	46.9	133.6	135.5	136.0
Monmouth-Ocean .....	21.8	21.8	22.0	20.7	20.9	21.0	91.5	91.9	93.1
Newark .....	136.8	134.8	135.4	80.4	81.5	81.2	183.1	185.6	186.4
Trenton .....	20.9	19.9	19.7	7.2	7.5	7.6	31.5	31.5	31.1
Vineland-Millville-Bridgeton .....	12.7	12.5	12.6	2.8	2.8	2.9	10.9	10.8	10.9
<b>New Mexico</b> .....	45.5	45.3	45.2	31.8	31.0	31.0	160.1	162.2	163.4
Albuquerque .....	29.4	29.8	29.9	15.2	14.7	14.8	76.4	78.4	78.7
Las Cruces .....	2.5	2.6	2.5	1.8	1.7	1.7	10.7	10.7	10.7
Santa Fe .....	2.0	2.0	2.0	1.3	1.2	1.3	14.5	14.1	14.1

See footnotes at end of table.

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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>Maryland</b> .....	127.6	126.5	126.6	702.7	716.5	724.6	427.7	425.4	430.2
Baltimore PMSA .....	71.6	70.0	69.9	366.2	370.8	375.4	212.5	210.6	211.6
Baltimore City .....	33.8	32.9	33.1	151.6	151.6	153.7	88.4	88.0	88.0
Suburban Maryland-D.C. ....	47.9	48.2	48.2	268.0	272.2	274.3	173.1	169.6	170.6
<b>Massachusetts</b> .....	205.2	211.9	212.9	1,043.0	1,072.4	1,081.8	405.3	406.1	408.1
Barnstable-Yarmouth .....	3.0	3.1	3.2	16.4	16.5	16.8	7.4	7.6	7.6
Boston .....	151.4	156.3	156.8	707.9	729.6	736.3	220.9	220.9	221.7
Brockton .....	2.9	3.0	3.0	22.7	22.9	23.2	15.9	15.8	15.8
Fitchburg-Leominster .....	1.5	1.5	1.5	12.6	12.3	12.6	7.4	7.7	7.9
Lawrence .....	4.5	4.4	4.4	40.5	41.3	42.0	18.6	18.3	18.3
Lowell .....	3.7	3.8	3.8	28.9	28.9	29.1	14.5	13.8	14.5
New Bedford .....	1.9	1.9	2.0	15.8	16.1	16.1	10.0	9.9	10.0
Pittsfield .....	1.9	1.9	1.9	13.4	13.8	13.8	4.9	4.9	5.0
Springfield .....	12.7	12.0	12.0	73.3	75.1	75.7	45.3	46.1	46.0
Worcester .....	15.2	15.2	15.3	63.2	65.6	65.9	31.9	32.6	32.9
<b>Michigan</b> .....	199.4	200.4	200.5	1,143.6	1,174.1	1,182.8	666.7	662.6	665.5
Ann Arbor .....	9.7	9.6	9.7	61.0	62.0	62.2	73.3	71.8	73.5
Benton Harbor .....	2.6	2.6	2.6	18.1	18.2	18.3	8.7	8.7	8.8
Detroit .....	108.7	111.1	111.4	606.1	623.4	628.1	230.5	231.1	232.3
Flint .....	6.4	6.6	6.6	48.3	49.3	49.5	25.7	25.3	25.5
Grand Rapids-Muskegon-Holland .....	20.6	21.3	21.5	130.2	133.6	134.9	54.5	54.7	55.0
Jackson .....	1.9	1.8	1.8	13.7	13.7	13.9	10.4	10.4	10.4
Kalamazoo-Battle Creek .....	10.8	10.7	10.9	51.2	51.4	51.8	35.7	35.6	35.9
Lansing-East Lansing .....	13.0	13.1	13.2	53.7	54.7	55.0	68.7	69.1	69.2
Saginaw-Bay City-Midland .....	6.7	6.7	6.7	44.8	45.9	46.2	23.1	23.1	23.1
<b>Minnesota</b> .....	141.0	142.8	143.7	660.9	674.1	680.9	385.2	390.1	389.4
Duluth-Superior .....	3.4	3.4	3.4	29.5	30.7	30.9	23.6	23.6	23.4
Minneapolis-St. Paul .....	111.0	111.8	112.4	445.5	457.3	462.1	221.1	219.8	220.2
Rochester .....	2.3	2.3	2.3	31.1	31.8	32.1	7.1	7.1	7.1
St. Cloud .....	2.9	2.9	3.0	20.5	20.6	20.9	13.2	13.2	13.2
<b>Mississippi</b> .....	40.3	40.7	41.0	240.6	250.0	252.0	218.7	223.7	224.3
Jackson .....	15.1	15.6	15.7	56.0	54.9	55.7	45.9	46.6	46.6
<b>Missouri</b> .....	147.7	152.9	154.0	694.5	707.0	718.0	409.1	416.0	421.2
Kansas City .....	62.1	63.0	63.1	247.5	253.0	256.3	131.5	132.3	133.8
St. Louis .....	77.2	78.2	78.2	385.7	395.3	400.0	158.8	160.7	162.3
Springfield .....	6.5	6.7	6.7	44.3	45.2	45.5	19.5	19.5	19.9
<b>Montana</b> .....	15.7	16.2	16.3	98.7	100.3	101.1	78.6	79.3	79.8
<b>Nebraska</b> .....	53.1	53.9	54.1	218.6	223.2	225.5	152.5	152.2	153.5
Lincoln .....	9.1	9.6	9.6	35.8	36.1	37.1	34.9	35.4	36.0
Omaha .....	32.8	32.9	33.0	126.0	129.4	130.9	50.9	50.1	50.0
<b>Nevada</b> .....	37.6	38.5	38.8	353.6	375.4	378.3	101.9	106.1	107.0
Las Vegas .....	28.7	29.6	29.8	261.2	282.4	284.2	62.2	65.2	65.5
Reno .....	7.5	7.7	7.6	66.5	66.0	66.9	22.7	23.3	23.7
<b>New Hampshire</b> .....	27.8	28.1	28.3	154.8	161.8	161.9	80.6	82.2	82.9
Manchester .....	7.5	7.0	6.9	30.0	31.0	31.3	10.6	10.6	10.6
Nashua .....	3.2	2.8	3.0	21.4	22.8	23.1	8.1	8.2	8.2
Portsmouth-Rochester .....	5.7	5.9	5.9	27.5	28.2	28.5	22.0	22.3	22.3
<b>New Jersey</b> .....	228.8	232.4	233.4	1,097.1	1,122.5	1,135.3	574.1	572.0	574.5
Atlantic-Cape May .....	5.8	5.8	5.9	79.2	81.7	82.3	28.2	28.3	28.5
Bergen-Passaic .....	34.0	34.2	34.3	182.2	188.3	189.5	72.0	71.5	72.3
Camden .....	22.1	22.4	22.6	134.0	138.3	139.5	79.2	78.7	79.3
Jersey City .....	23.3	24.7	24.8	56.9	58.7	59.1	39.7	39.2	39.2
Middlesex-Somerset-Hunterdon .....	42.3	43.0	43.4	163.2	171.0	173.4	78.1	77.8	77.6
Monmouth-Ocean .....	17.6	18.0	18.2	114.4	114.1	117.3	63.3	62.7	63.1
Newark .....	69.2	69.4	69.7	283.0	286.9	288.8	143.0	143.8	143.6
Trenton .....	10.6	11.0	11.1	66.9	67.0	68.6	53.4	53.0	53.6
Vineland-Millville-Bridgeton .....	3.3	3.3	3.3	12.0	11.7	11.9	12.9	12.8	13.0
<b>New Mexico</b> .....	31.0	31.7	31.8	189.3	194.1	196.0	171.7	175.9	175.1
Albuquerque .....	17.0	17.2	17.3	99.4	101.5	101.9	62.6	63.8	62.4
Las Cruces .....	1.9	1.9	1.9	10.4	11.3	11.4	19.5	20.0	19.9
Santa Fe .....	3.1	3.2	3.2	20.3	20.6	20.7	24.0	24.3	24.3

See footnotes at end of table.

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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>New York</b> .....	7,827.0	7,841.4	7,905.6	3.9	3.7	4.0	223.2	220.7	231.8
Albany-Schenectady-Troy .....	421.0	421.1	424.0	.4	.3	.4	11.6	11.2	11.5
Binghamton .....	108.9	110.9	111.9	(1)	(1)	(1)	3.1	3.0	3.1
Buffalo-Niagara Falls .....	530.6	527.6	530.4	(1)	(1)	(1)	17.0	16.6	17.4
Dutchess County .....	104.1	105.3	106.1	(1)	(1)	(1)	3.6	3.9	3.9
Elmira .....	42.0	43.0	43.4	(1)	(1)	(1)	1.1	1.2	1.3
Glens Falls .....	46.8	47.3	46.9	(1)	(1)	(1)	1.6	1.5	1.5
Nassau-Suffolk .....	1,079.9	1,080.5	1,094.8	(1)	(1)	(1)	40.4	39.4	41.6
New York PMSA .....	3,829.3	3,842.3	3,880.0	(1)	(1)	(1)	105.5	104.3	109.9
New York City .....	3,336.5	3,350.8	3,384.0	.3	.3	.3	85.6	84.0	88.4
Newburgh .....	116.1	116.6	117.0	(1)	(1)	(1)	3.7	3.7	3.9
Rochester .....	520.7	522.1	523.5	.5	.4	.4	13.9	13.8	14.1
Rockland County .....	97.4	98.1	99.3	(1)	(1)	(1)	3.0	3.6	3.8
Syracuse .....	328.9	329.6	328.9	(1)	(1)	(1)	10.2	9.8	9.9
Utica-Rome .....	124.4	125.0	125.1	(1)	(1)	(1)	2.2	2.3	2.4
Westchester County .....	376.6	373.9	377.1	(1)	(1)	(1)	15.4	15.1	16.0
<b>North Carolina</b> .....	3,500.8	3,587.0	3,619.7	3.7	3.9	3.9	179.7	192.5	195.2
Asheville .....	102.4	104.1	105.2	(1)	(1)	(1)	5.4	5.6	5.7
Charlotte-Gastonia-Rock Hill .....	722.7	735.8	741.8	(1)	(1)	(1)	41.0	44.1	44.4
Greensboro-Winston-Salem-High Point .....	611.4	614.9	618.5	(1)	(1)	(1)	27.7	29.4	29.4
Raleigh-Durham-Chapel Hill .....	577.3	583.7	588.0	(1)	(1)	(1)	29.2	31.3	32.2
<b>North Dakota</b> .....	301.8	308.4	309.5	3.9	3.9	4.0	11.5	12.0	12.4
Bismarck .....	46.2	47.1	47.2	(1)	(1)	(1)	1.9	2.0	2.0
Fargo-Moorhead .....	89.8	92.8	92.9	(1)	(1)	(1)	4.0	4.5	4.6
Grand Forks .....	47.9	48.8	48.8	(1)	(1)	(1)	1.8	1.8	1.8
<b>Ohio</b> .....	5,213.7	5,250.0	5,291.3	13.4	13.3	13.5	188.1	188.7	196.5
Akron .....	314.3	315.6	317.3	.3	.3	.3	10.8	11.7	11.7
Canton-Massillon .....	175.1	177.3	177.7	.7	.7	.7	7.2	7.1	7.5
Cincinnati .....	809.8	815.8	822.1	.7	.7	.7	33.6	38.7	37.6
Cleveland-Lorain-Elyria .....	1,104.7	1,114.0	1,121.8	.9	1.0	.9	36.7	37.9	39.4
Columbus .....	786.2	798.3	802.0	.7	.6	.8	29.8	30.0	31.2
Dayton-Springfield .....	459.6	467.5	469.7	.4	.3	.3	15.2	16.0	16.7
Hamilton-Middletown .....	112.2	112.9	114.2	(1)	(1)	(1)	5.4	5.6	6.0
Lima .....	75.5	76.8	77.3	(1)	(1)	(1)	3.1	3.4	3.5
Mansfield .....	79.0	79.8	79.9	(1)	(1)	(1)	2.2	2.4	2.3
Steubenville-Weirton .....	50.3	48.2	46.5	.4	.4	.4	1.4	1.5	1.4
Toledo .....	310.7	311.3	313.8	.2	.2	.2	12.8	13.7	14.1
Youngstown-Warren .....	233.7	240.6	241.3	.6	.6	.6	8.0	8.5	8.5
<b>Oklahoma</b> .....	1,341.1	1,372.1	1,381.8	31.0	31.2	31.3	48.5	50.1	51.0
Enid .....	23.8	24.0	24.2	1.0	1.0	1.0	1.0	1.1	1.1
Lawton .....	37.4	37.6	38.1	.1	.1	.1	1.4	1.5	1.5
Oklahoma City .....	489.7	500.8	503.1	6.9	7.0	7.0	17.9	18.3	18.4
Tulsa .....	355.6	366.1	369.9	7.6	7.8	7.6	13.8	13.8	14.0
<b>Oregon</b> .....	1,440.8	1,488.2	1,495.4	1.7	1.8	1.8	72.0	76.4	75.4
Eugene-Springfield .....	130.6	133.7	134.6	.2	.2	.2	5.8	5.8	5.9
Medford-Ashland .....	63.5	64.8	64.9	.1	.1	.1	2.8	2.8	2.8
Portland-Vancouver .....	863.4	894.1	900.8	1.0	1.1	1.1	48.2	49.3	50.4
Salem .....	125.1	128.3	129.2	.2	.3	.3	6.3	6.3	6.4
<b>Pennsylvania</b> .....	5,232.4	5,320.8	5,353.2	18.2	18.7	19.2	176.0	187.0	191.9
Allentown Bethlehem-Easton .....	255.4	257.3	260.5	(1)	(1)	(1)	9.2	9.2	9.6
Alltoona .....	55.3	56.4	56.4	(1)	(1)	(1)	2.3	2.4	2.4
Erie .....	125.5	125.8	126.3	(1)	(1)	(1)	3.7	3.8	3.9
Harrisburg-Lebanon-Carlisle .....	339.3	345.0	346.6	(1)	(1)	(1)	11.4	11.6	11.6
Johnstown .....	86.1	85.5	86.9	(1)	(1)	(1)	3.9	3.8	4.2
Lancaster .....	202.9	207.3	209.0	.4	.4	.4	10.7	11.2	11.4
Philadelphia PMSA .....	2,189.4	2,206.1	2,220.4	(1)	(1)	(1)	71.8	72.9	74.7
Philadelphia City .....	675.0	672.6	675.5	(1)	(1)	(1)	9.8	9.4	9.7
Pittsburgh .....	1,043.8	1,046.2	1,051.5	3.6	4.0	4.0	41.4	40.4	42.5
Reading .....	158.0	161.1	162.4	(1)	(1)	(1)	6.0	6.0	6.4
Scranton-Wilkes-Barre-Hazleton .....	267.6	268.4	270.7	.5	.4	.4	8.2	8.0	8.3
Sharon .....	46.1	46.3	46.2	(1)	(1)	(1)	1.2	1.2	1.2
State College .....	66.3	66.5	66.6	(1)	(1)	(1)	2.2	2.2	2.2
Williamsport .....	51.9	53.2	53.3	(1)	(1)	(1)	2.0	2.1	2.1
York .....	160.1	160.2	160.9	.5	.4	.4	6.9	7.4	7.5

See footnotes at end of table.

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

**B-14. Employees on nonfarm 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. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>New York</b> .....	921.7	905.4	909.7	399.2	401.5	403.8	1,576.9	1,588.2	1,598.4
Albany-Schenectady-Troy .....	39.2	38.8	38.6	16.1	16.8	16.9	89.2	90.8	91.5
Binghamton .....	24.6	25.2	25.2	4.5	4.7	4.7	23.0	23.2	23.4
Buffalo-Niagara Falls .....	89.9	88.4	88.5	25.2	25.1	25.1	126.6	125.3	126.0
Dutchess County .....	17.3	17.4	17.6	3.9	3.8	3.8	19.7	19.9	20.0
Elmira .....	9.6	9.6	9.6	1.5	1.5	1.5	10.4	10.8	10.9
Glens Falls .....	8.7	8.1	7.8	1.3	1.3	1.3	10.6	10.8	10.7
Nassau-Suffolk .....	110.9	109.1	109.5	49.0	47.9	48.3	275.7	276.7	279.7
New York PMSA .....	320.0	309.4	313.4	228.8	230.6	232.3	661.2	664.6	670.0
New York City .....	265.0	256.5	260.3	203.1	204.5	206.1	552.3	554.9	559.5
Newburgh .....	12.1	11.9	11.8	6.7	6.5	6.4	31.2	31.8	32.1
Rochester .....	127.3	126.6	126.3	17.7	17.8	17.8	107.6	109.6	110.6
Rockland County .....	11.9	12.0	12.0	5.7	6.0	6.0	21.7	22.3	22.6
Syracuse .....	48.7	48.9	49.1	18.1	18.2	18.2	75.9	77.1	77.3
Utica-Rome .....	20.1	19.3	19.3	3.9	4.0	4.0	26.1	26.6	26.5
Westchester County .....	41.3	39.2	39.3	19.3	19.5	19.5	83.3	83.1	83.7
<b>North Carolina</b> .....	846.9	839.3	840.0	165.3	170.0	171.8	794.3	806.6	812.4
Asheville .....	20.4	19.9	19.7	4.7	4.8	4.8	24.7	25.2	25.2
Charlotte-Gastonia-Rock Hill .....	148.1	145.7	146.5	52.5	52.6	52.9	174.0	175.9	176.2
Greensboro-Winston-Salem-High Point .....	165.6	165.5	164.7	31.9	32.6	32.7	140.4	140.3	141.0
Raleigh-Durham-Chapel Hill .....	81.6	81.8	81.8	26.0	25.8	26.1	119.2	121.7	122.1
<b>North Dakota</b> .....	21.2	22.0	22.1	18.4	18.4	18.4	78.4	78.9	79.1
Bismarck .....	2.5	2.5	2.5	3.2	3.1	3.1	11.7	11.7	11.7
Fargo-Moorhead .....	7.2	7.8	7.9	5.4	5.4	5.4	26.0	26.3	26.3
Grand Forks .....	3.7	3.9	4.0	2.3	2.3	2.3	13.2	13.4	13.5
<b>Ohio</b> .....	1,083.7	1,081.5	1,085.6	228.8	230.7	231.4	1,271.2	1,285.0	1,295.4
Akron .....	65.1	63.8	63.8	14.8	14.4	14.5	76.7	78.2	78.7
Canton-Massillon .....	46.0	46.1	46.2	5.6	5.5	5.5	42.9	43.3	43.1
Cincinnati .....	140.2	141.0	142.1	42.8	43.0	43.3	211.5	212.3	213.6
Cleveland-Lorain-Elyria .....	227.3	220.6	222.6	44.5	44.1	44.3	260.4	265.4	267.2
Columbus .....	91.5	91.6	91.8	34.8	35.9	36.0	211.6	213.6	213.7
Dayton-Springfield .....	95.4	99.9	99.6	18.7	19.0	18.8	106.8	107.7	108.5
Hamilton-Middletown .....	21.3	21.3	21.4	4.5	4.6	4.6	31.1	30.7	30.9
Lima .....	20.1	19.9	20.0	2.9	2.9	2.9	17.8	18.3	18.4
Mansfield .....	22.4	23.2	23.1	4.1	4.3	4.3	17.6	17.5	17.5
Steubenville-Weirton .....	14.3	10.9	10.9	2.9	2.7	2.7	10.8	10.5	10.6
Toledo .....	60.6	60.8	60.6	14.3	14.0	13.9	77.1	77.3	78.3
Youngstown-Warren .....	53.8	58.8	58.9	9.8	10.0	10.0	60.1	61.4	61.4
<b>Oklahoma</b> .....	172.2	176.6	176.8	77.0	77.0	77.0	312.6	319.5	322.6
Enid .....	1.9	1.9	1.9	2.1	2.1	2.0	6.0	6.0	6.2
Lawton .....	3.7	3.7	3.7	1.8	1.7	2.1	8.7	8.8	8.7
Oklahoma City .....	52.4	52.6	52.6	23.4	23.7	24.1	116.8	120.3	120.1
Tulsa .....	54.2	56.2	56.6	28.9	28.8	29.0	83.8	85.8	86.7
<b>Oregon</b> .....	228.9	234.8	236.0	71.7	73.4	73.2	352.5	362.8	365.4
Eugene-Springfield .....	19.4	20.2	20.1	4.4	4.5	4.5	32.8	34.1	34.3
Medford-Ashland .....	8.9	9.0	8.8	3.1	3.0	3.0	18.4	18.6	18.8
Portland-Vancouver .....	140.4	142.4	143.7	49.4	50.9	51.1	211.2	222.9	224.4
Salem .....	16.5	16.3	16.2	3.3	3.3	3.4	26.8	27.2	27.3
<b>Pennsylvania</b> .....	923.9	925.9	928.4	272.3	270.0	271.1	1,171.7	1,200.9	1,206.7
Allentown Bethlehem-Easton .....	56.6	56.5	56.8	14.4	14.6	14.9	52.7	52.9	53.3
Altoona .....	9.7	10.3	10.3	4.2	4.1	4.1	14.7	14.8	14.6
Erie .....	34.1	33.8	33.7	4.5	4.5	4.6	27.9	27.8	28.1
Harrisburg-Lebanon-Carlisle .....	45.1	45.1	45.0	23.0	23.4	23.9	74.9	77.0	77.5
Johnstown .....	12.4	12.4	12.4	5.2	4.9	4.9	19.9	19.9	20.4
Lancaster .....	55.8	56.4	56.7	8.0	8.5	8.5	49.2	50.7	51.4
Philadelphia PMSA .....	304.2	305.4	305.0	104.9	104.7	105.0	482.3	488.4	491.0
Philadelphia City .....	60.2	60.4	60.0	33.2	33.1	33.3	112.4	110.9	112.2
Pittsburgh .....	133.1	132.5	132.3	66.1	65.2	65.2	250.2	252.3	252.6
Reading .....	42.8	43.6	43.6	7.3	7.3	7.4	36.5	37.6	38.0
Scranton-Wilkes-Barre-Hazleton .....	55.3	54.0	54.6	14.9	14.7	14.9	63.7	63.3	63.8
Sharon .....	11.1	10.7	10.3	2.1	2.0	2.0	11.6	12.1	12.3
State College .....	8.6	8.5	8.6	2.1	2.0	2.1	12.1	12.6	12.5
Williamsport .....	12.5	13.1	13.2	1.9	1.9	1.9	12.1	12.6	12.5
York .....	48.3	48.7	48.6	7.5	7.3	7.4	38.9	38.5	38.9

See footnotes at end of table.

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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>New York</b> .....	715.2	718.4	719.8	2,579.3	2,621.6	2,648.3	1,407.6	1,381.9	1,389.6
Albany-Schenectady-Troy .....	25.4	25.5	25.7	128.6	128.6	130.7	110.6	108.9	108.7
Binghamton .....	3.8	3.9	3.9	27.8	28.6	28.8	22.1	22.4	22.7
Buffalo-Niagara Falls .....	27.4	28.3	28.4	155.9	155.8	156.5	88.5	88.1	88.5
Dutchess County .....	4.2	4.2	4.2	32.3	32.9	33.3	23.2	23.3	23.3
Elmira .....	1.3	1.3	1.4	10.7	11.1	11.2	7.4	7.4	7.5
Glens Falls .....	2.2	2.5	2.5	12.6	13.2	13.2	9.8	10.0	9.9
Nassau-Suffolk .....	78.0	78.1	78.3	343.7	347.0	353.5	182.2	182.3	183.9
New York PMSA .....	500.9	504.9	505.6	1,389.3	1,421.6	1,435.9	623.6	606.8	612.9
New York City .....	469.1	472.6	473.4	1,220.9	1,252.5	1,265.0	540.2	525.5	530.9
Newburgh .....	5.3	5.2	5.2	30.0	30.5	30.5	27.1	27.0	27.1
Rochester .....	23.0	23.0	23.2	151.1	151.8	152.0	79.5	79.1	79.3
Rockland County .....	4.9	4.9	4.9	30.1	29.9	30.1	20.1	19.3	19.9
Syracuse .....	18.1	17.7	17.7	97.4	97.4	96.1	60.5	60.5	60.7
Utica-Rome .....	7.6	7.6	7.7	35.9	37.1	37.0	28.6	28.1	28.2
Westchester County .....	25.7	26.2	26.2	132.5	133.1	134.7	59.0	57.7	57.7
<b>North Carolina</b> .....	149.7	157.7	158.9	790.4	829.4	845.6	570.8	587.6	591.9
Asheville .....	3.0	3.2	3.2	28.9	30.3	31.5	15.3	15.1	15.1
Charlotte-Gastonia-Rock Hill .....	48.6	49.2	49.4	172.4	178.5	181.6	86.1	89.8	90.8
Greensboro-Winston-Salem-High Point .....	30.3	31.8	31.9	149.0	147.4	149.2	66.5	67.9	69.6
Raleigh-Durham-Chapel Hill .....	27.4	27.6	27.8	175.5	173.9	175.9	118.4	121.6	122.1
<b>North Dakota</b> .....	14.0	14.6	14.6	82.6	86.3	86.5	71.6	72.3	72.4
Bismarck .....	2.3	2.3	2.3	14.6	15.4	15.5	10.0	10.1	10.1
Fargo-Moorhead .....	5.5	5.9	5.9	27.0	28.2	28.1	14.7	14.7	14.7
Grand Forks .....	1.5	1.5	1.5	13.0	13.1	13.1	12.4	12.8	12.6
<b>Ohio</b> .....	274.1	278.0	278.4	1,383.5	1,404.7	1,417.3	770.9	768.1	773.2
Akron .....	12.6	12.6	12.6	84.9	85.4	86.2	49.1	49.2	49.5
Canton-Massillon .....	5.7	5.7	5.7	47.2	49.1	49.2	19.8	19.8	19.8
Cincinnati .....	51.8	52.0	52.2	225.5	228.0	230.1	103.5	102.1	102.5
Cleveland-Lorain-Elyria .....	71.0	72.5	72.6	318.8	328.2	330.0	145.1	144.3	144.8
Columbus .....	66.3	68.0	68.0	215.6	222.5	223.8	135.9	136.1	136.9
Dayton-Springfield .....	17.4	17.5	17.6	131.0	134.4	135.3	74.7	72.7	72.7
Hamilton-Middletown .....	4.3	4.3	4.3	24.9	25.1	25.4	20.7	21.3	21.6
Lima .....	2.0	2.1	2.1	19.3	19.8	19.9	10.3	10.4	10.5
Mansfield .....	2.9	2.7	2.7	19.2	19.4	19.6	10.6	10.3	10.4
Steubenville-Weirton .....	1.4	1.4	1.4	12.8	12.6	12.8	6.3	6.2	6.3
Toledo .....	10.7	11.0	11.0	86.4	86.0	86.8	48.6	48.3	48.9
Youngstown-Warren .....	9.2	9.3	9.3	60.6	60.9	61.1	31.6	31.1	31.5
<b>Oklahoma</b> .....	66.1	68.0	68.4	357.3	373.7	377.1	276.4	276.0	277.6
Enid .....	1.0	1.0	1.0	6.4	6.6	6.7	4.2	4.3	4.3
Lawton .....	1.8	1.8	1.8	8.2	8.2	8.4	11.7	11.8	11.8
Oklahoma City .....	26.9	27.8	28.0	142.0	148.0	149.4	103.4	103.1	103.5
Tulsa .....	19.7	20.1	20.0	105.2	111.5	112.8	42.6	42.3	43.2
<b>Oregon</b> .....	88.7	92.8	93.0	374.6	392.3	395.8	250.7	253.9	254.8
Eugene-Springfield .....	6.9	7.0	7.0	35.0	35.7	36.3	26.1	26.2	26.3
Medford-Ashland .....	3.0	3.0	3.0	16.6	17.7	17.8	10.8	10.4	10.6
Portland-Vancouver .....	62.1	65.6	65.9	235.5	245.7	247.6	115.6	116.2	116.6
Salem .....	6.3	6.5	6.5	29.7	31.2	31.8	36.0	37.2	37.3
<b>Pennsylvania</b> .....	303.7	308.7	310.1	1,625.5	1,672.2	1,686.1	739.1	737.4	739.7
Allentown Bethlehem-Easton .....	13.6	13.1	13.3	78.3	80.3	81.1	30.6	30.7	31.5
Altoona .....	1.9	1.9	1.9	14.3	14.9	15.1	8.2	8.0	8.0
Erie .....	5.4	5.4	5.4	34.2	35.1	34.9	15.7	15.4	15.7
Harrisburg-Lebanon-Carlisle .....	24.6	25.1	24.6	88.2	90.3	91.2	72.1	72.5	72.8
Johnstown .....	4.4	4.5	4.6	26.2	26.4	26.5	14.1	13.6	13.9
Lancaster .....	8.9	8.9	8.9	50.6	52.2	52.5	19.3	19.0	19.2
Philadelphia PMSA .....	153.2	153.4	154.4	764.0	777.8	784.6	309.0	303.5	305.7
Philadelphia City .....	53.5	53.2	53.4	276.7	279.9	280.6	129.2	125.7	126.3
Pittsburgh .....	60.9	60.6	60.7	361.1	366.1	368.7	127.4	125.1	125.5
Reading .....	8.9	9.0	9.0	37.2	38.3	38.6	19.3	19.3	19.4
Scranton-Wilkes-Barre-Hazleton .....	13.4	14.1	14.2	76.0	78.2	79.0	35.6	35.7	35.5
Sharon .....	1.4	1.4	1.4	13.1	13.4	13.5	5.6	5.5	5.5
State College .....	1.9	2.1	2.1	13.3	13.5	13.5	26.1	25.6	25.6
Williamsport .....	2.3	2.2	2.2	13.9	14.2	14.3	7.2	7.1	7.1
York .....	5.0	4.8	4.8	37.1	36.8	36.8	15.9	16.3	16.5

See footnotes at end of table.

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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>Rhode Island</b> .....	432.9	435.1	437.9	.1	.1	.2	11.4	12.2	12.5
Providence-Fall River-Warwick .....	491.0	486.0	489.7	.2	.1	.2	12.4	11.7	12.8
<b>South Carolina</b> .....	1,660.7	1,666.1	1,685.3	1.8	1.8	1.8	90.6	94.1	95.9
Charleston-North Charleston .....	210.1	211.6	213.9	(1)	(1)	(1)	13.4	13.8	14.0
Columbia .....	270.0	273.6	276.7	(1)	(1)	(1)	13.5	14.4	14.7
Greenville-Spartanburg-Anderson .....	445.0	450.8	454.3	(1)	(1)	(1)	27.6	28.6	29.2
<b>South Dakota</b> .....	340.2	345.0	346.4	2.1	2.2	2.3	12.0	12.2	12.5
Rapid City .....	43.5	45.7	45.7	(1)	(1)	(1)	2.5	2.4	2.5
Sioux Falls .....	97.1	98.5	99.4	(1)	(1)	(1)	3.9	3.7	3.8
<b>Tennessee</b> .....	2,538.3	2,525.1	2,541.2	4.6	4.5	4.5	108.3	108.1	110.7
Chattanooga .....	218.3	215.9	215.7	(1)	(1)	(1)	8.9	9.7	9.7
Johnson City-Kingsport-Bristol .....	196.6	194.0	195.4	(1)	(1)	(1)	9.4	9.2	9.9
Knoxville .....	311.8	309.0	312.0	.5	.5	.5	16.8	18.0	18.3
Memphis .....	545.1	546.5	551.0	(1)	(1)	(1)	22.0	23.2	23.3
Nashville .....	606.4	607.8	611.4	(1)	(1)	(1)	28.7	28.8	29.3
<b>Texas</b> .....	8,134.0	8,325.3	8,368.5	154.9	159.8	160.4	423.9	439.2	445.1
Abilene .....	53.2	54.3	54.5	1.3	1.4	1.4	2.0	2.1	2.1
Amarillo .....	91.5	93.1	93.7	.7	.6	.6	4.3	4.3	4.4
Austin-San Marcos .....	535.6	543.7	546.3	1.1	1.2	1.2	26.9	26.2	26.5
Beaumont-Port Arthur .....	150.3	151.8	152.6	.7	.7	.8	12.8	13.2	13.5
Brazoria .....	71.9	73.1	73.1	1.3	1.4	1.4	8.9	8.5	8.3
Brownsville-Harlingen-San Benito .....	92.7	95.1	96.4	(1)	(1)	(1)	2.8	3.3	3.2
Bryan-College Station .....	65.5	66.4	67.2	.7	.7	.7	2.6	2.7	2.8
Corpus Christi .....	147.4	152.5	154.8	2.3	2.2	2.3	11.3	12.7	13.2
Dallas .....	1,629.8	1,681.2	1,693.9	11.7	11.4	11.4	72.1	74.6	76.4
El Paso .....	233.8	237.5	238.4	(1)	(1)	(1)	10.2	11.4	11.5
Ft. Worth-Arlington .....	669.2	684.9	691.3	4.3	4.5	4.5	31.2	33.1	33.5
Galveston-Texas City .....	88.0	86.2	87.2	.9	.8	.8	5.4	4.4	4.5
Houston .....	1,787.3	1,818.1	1,824.9	64.7	66.0	65.8	125.1	126.6	127.5
Killeen Temple .....	93.2	95.1	95.2	(1)	(1)	(1)	3.8	3.9	3.9
Laredo .....	55.7	57.4	57.8	3.0	3.4	3.4	2.2	2.2	2.2
Longview-Marshall .....	84.4	85.3	85.2	3.2	3.2	3.2	3.7	3.7	3.8
Lubbock .....	109.3	110.6	111.1	.1	.1	.1	4.0	4.0	4.0
McAllen-Edinburg-Mission .....	127.0	130.7	131.7	.9	1.0	1.1	6.1	6.7	6.8
Odessa Midland .....	96.2	97.4	97.6	11.9	11.7	12.0	5.3	5.5	5.6
San Angelo .....	41.6	42.4	42.7	.6	.7	.7	1.9	1.8	1.8
San Antonio .....	628.2	633.8	638.9	1.8	1.9	1.9	31.0	32.5	32.9
Sherman-Denison .....	40.8	41.9	42.2	(1)	(1)	(1)	1.7	1.8	1.9
Texarkana .....	49.7	50.1	50.1	(1)	(1)	(1)	2.1	2.1	2.1
Tyler .....	71.9	74.2	74.5	1.4	1.6	1.5	2.4	2.7	2.7
Victoria .....	33.4	33.6	34.0	1.3	1.5	1.5	1.9	2.1	2.2
Waco .....	92.0	94.1	94.6	(1)	(1)	(1)	4.0	4.3	4.3
Wichita Falls .....	58.3	58.6	58.7	1.2	1.1	1.1	2.1	2.2	2.2
<b>Utah</b> .....	935.4	967.4	975.8	7.7	7.7	7.7	55.0	56.5	58.1
Provo-Orem .....	128.5	133.3	134.9	(1)	(1)	(1)	9.2	8.4	8.8
Salt Lake City-Ogden .....	629.8	652.2	657.0	3.0	3.0	3.0	35.5	38.1	39.8
<b>Vermont</b> .....	273.6	278.4	278.1	.5	.4	.6	9.6	10.6	10.4
Barre-Montpelier .....	30.0	30.3	30.5	(1)	(1)	(1)	1.0	1.2	1.4
Burlington .....	94.9	97.3	97.0	(1)	(1)	(1)	3.7	4.0	3.9
<b>Virginia</b> .....	3,089.2	3,150.9	3,180.0	10.9	10.7	10.8	166.8	172.3	177.0
Bristol .....	37.1	37.0	37.3	(1)	(1)	(1)	1.4	1.5	1.5
Charlottesville .....	77.7	79.4	80.5	(1)	(1)	(1)	3.9	4.2	4.3
Danville .....	44.3	45.0	45.2	(1)	(1)	(1)	2.1	2.2	2.4
Lynchburg .....	95.2	96.9	97.3	(1)	(1)	(1)	5.3	5.8	5.9
Norfolk-Virginia Beach-Newport News .....	631.1	649.8	656.5	(1)	(1)	(1)	38.4	40.7	41.4
Northern Virginia .....	937.6	968.0	977.3	.6	.7	.7	49.2	51.7	53.2
Richmond-Petersburg .....	504.1	504.6	510.0	.8	.8	.8	29.5	30.0	30.8
Roanoke .....	138.8	140.6	141.9	(1)	(1)	(1)	7.5	7.9	8.0
<b>Washington</b> .....	2,365.6	2,418.7	2,441.7	3.2	3.3	3.4	118.0	119.8	123.8
Seattle-Bellevue-Everett .....	1,201.8	1,249.3	1,262.4	.7	.7	.7	57.3	60.3	60.5
Spokane .....	177.3	177.9	178.6	(1)	(1)	(1)	9.3	8.4	8.6
Tacoma .....	217.4	227.2	228.5	.2	.2	.2	11.4	11.8	11.5

See footnotes at end of table.

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

**B-14. Employees on nonfarm 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. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>Rhode Island</b> .....	82.9	80.4	80.5	14.5	14.6	14.7	92.9	95.6	96.2
Providence-Fall River-Warwick .....	105.5	102.2	101.8	16.9	16.9	17.0	110.5	110.6	111.5
<b>South Carolina</b> .....	369.2	360.4	360.6	72.5	72.8	73.6	388.6	389.9	396.9
Charleston-North Charleston .....	20.5	20.5	20.6	11.1	10.7	11.0	52.9	52.8	53.8
Columbia .....	25.7	25.0	25.0	11.9	12.5	12.6	61.9	63.4	64.3
Greenville-Spartanburg-Anderson .....	126.2	124.2	124.0	19.9	19.6	19.9	110.3	113.3	114.1
<b>South Dakota</b> .....	47.0	48.5	48.6	15.9	16.3	16.2	85.1	84.9	85.8
Rapid City .....	4.1	4.3	4.3	1.9	2.0	2.1	13.0	13.7	13.6
Sioux Falls .....	13.5	13.5	13.6	6.1	6.3	6.4	25.3	25.3	25.5
<b>Tennessee</b> .....	525.1	519.2	517.7	143.2	141.5	142.8	585.5	589.8	594.6
Chattanooga .....	43.7	43.6	43.4	8.3	8.2	8.3	51.6	51.4	51.3
Johnson City-Kingsport-Bristol .....	54.1	53.3	53.1	7.8	7.9	7.9	43.8	43.2	43.5
Knoxville .....	48.1	48.1	48.3	13.8	14.1	14.0	80.4	78.6	80.4
Memphis .....	62.6	62.3	62.4	60.3	61.2	61.1	137.5	140.4	142.4
Nashville .....	97.4	95.6	95.3	32.0	31.6	31.6	144.7	146.2	147.4
<b>Texas</b> .....	1,045.0	1,059.4	1,061.6	483.0	490.3	492.5	1,947.2	1,991.6	2,002.2
Abilene .....	3.0	3.2	3.2	2.6	2.5	2.5	14.3	14.2	14.3
Amarillo .....	9.8	9.3	9.4	5.6	5.6	5.5	25.3	26.3	26.7
Austin-San Marcos .....	73.0	72.6	72.8	17.2	17.9	17.9	112.4	115.7	116.3
Beaumont-Port Arthur .....	24.0	24.3	24.4	8.4	8.0	8.0	34.8	35.2	35.2
Brazoria .....	16.7	16.7	16.7	2.8	2.8	3.0	13.7	14.0	14.1
Brownsville-Harlingen-San Benito .....	12.0	12.6	12.6	4.1	4.1	4.1	23.9	23.8	24.2
Bryan-College Station .....	3.5	3.5	3.6	1.3	1.3	1.3	14.0	14.4	14.3
Corpus Christi .....	13.5	13.6	13.7	6.5	6.3	6.3	34.3	34.8	35.4
Dallas .....	233.7	237.5	238.1	106.5	113.8	114.8	406.1	417.8	420.5
El Paso .....	44.4	43.6	43.2	13.0	13.0	12.9	55.4	56.4	56.5
Ft. Worth-Arlington .....	108.2	106.5	108.1	63.7	62.0	62.1	168.9	172.5	173.6
Galveston-Texas City .....	7.9	7.9	7.9	4.6	4.0	4.1	18.4	17.9	18.1
Houston .....	196.3	201.0	200.8	122.6	125.8	125.2	415.7	420.2	422.5
Killeen Temple .....	9.8	9.7	9.5	3.3	3.4	3.4	21.9	22.3	22.3
Laredo .....	1.5	1.4	1.4	8.2	8.9	9.0	15.1	15.4	15.6
Longview-Marshall .....	18.0	18.8	18.6	3.9	3.8	3.8	21.2	21.5	21.4
Lubbock .....	7.5	7.4	7.5	5.8	5.8	5.8	31.0	31.4	31.8
McAllen-Edinburg-Mission .....	13.4	13.1	13.0	4.6	4.6	4.6	35.3	35.9	35.8
Odessa Midland .....	6.7	7.0	7.0	4.1	4.0	4.0	25.8	25.9	25.7
San Angelo .....	5.3	5.4	5.4	2.3	2.1	2.1	10.2	10.1	10.1
San Antonio .....	49.2	49.4	49.3	30.2	30.9	31.1	154.2	155.0	155.8
Sherman-Denison .....	10.2	10.2	10.3	1.5	1.5	1.5	9.1	9.2	9.2
Texarkana .....	6.0	5.9	5.9	2.1	2.2	2.1	13.0	13.0	13.0
Tyler .....	11.5	11.1	11.2	3.4	3.5	3.5	18.5	18.7	18.9
Victoria .....	3.1	3.1	3.2	1.5	1.4	1.5	9.1	9.2	9.3
Waco .....	16.6	16.6	16.5	3.8	3.5	3.5	20.9	21.3	21.2
Wichita Falls .....	8.2	8.2	8.2	2.8	2.8	2.8	13.6	13.6	13.6
<b>Utah</b> .....	127.9	129.9	130.5	52.5	55.2	55.5	223.0	230.4	232.2
Provo-Orem .....	18.7	19.5	19.6	2.2	2.3	2.3	28.0	29.2	29.6
Salt Lake City-Ogden .....	80.9	81.3	81.8	41.1	42.7	42.9	152.7	159.2	159.7
<b>Vermont</b> .....	45.3	45.8	45.7	12.0	12.1	12.2	62.9	64.3	64.4
Barre-Montpelier .....	3.3	3.3	3.4	1.1	1.1	1.1	6.4	6.7	6.6
Burlington .....	17.5	17.9	17.8	4.5	4.5	4.6	21.3	21.4	21.4
<b>Virginia</b> .....	398.5	396.5	395.5	159.7	163.8	164.7	694.7	707.6	714.2
Bristol .....	10.5	10.1	10.1	1.2	1.3	1.3	9.9	9.6	9.8
Charlottesville .....	7.9	8.0	8.1	2.3	2.3	2.3	15.7	16.0	16.2
Danville .....	15.7	15.8	15.5	1.1	1.1	1.0	9.6	9.5	9.7
Lynchburg .....	25.5	25.3	25.2	3.6	3.6	3.6	21.1	21.4	21.6
Norfolk-Virginia Beach-Newport News .....	66.8	67.0	66.6	31.1	32.6	32.9	146.1	151.9	152.9
Northern Virginia .....	40.1	41.5	41.6	56.5	59.1	59.4	207.5	211.5	213.5
Richmond-Petersburg .....	59.7	59.5	59.6	26.4	26.7	26.8	118.9	119.1	120.3
Roanoke .....	19.8	19.0	19.0	8.5	8.5	8.5	36.3	37.7	38.3
<b>Washington</b> .....	333.8	353.8	356.5	119.9	122.3	122.9	572.1	580.5	583.9
Seattle-Bellevue-Everett .....	190.5	208.3	210.3	72.9	74.4	75.1	286.9	296.7	299.9
Spokane .....	21.4	21.6	22.1	7.9	8.1	8.2	44.7	43.8	44.0
Tacoma .....	22.7	26.5	26.6	9.8	10.1	10.3	53.6	55.7	55.9

See footnotes at end of table.

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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>Rhode Island</b> .....	25.0	25.4	25.4	143.5	143.8	145.5	62.8	63.0	62.9
Providence-Fall River-Warwick .....	27.0	27.8	27.7	153.5	152.0	154.1	65.0	64.7	64.6
<b>South Carolina</b> .....	71.0	72.2	73.0	365.9	369.3	376.0	301.1	305.6	307.5
Charleston-North Charleston .....	8.4	8.3	8.3	54.1	56.0	56.4	49.7	49.5	49.8
Columbia .....	19.7	19.5	19.6	64.1	67.6	68.6	73.2	71.2	71.9
Greenville-Spartanburg-Anderson .....	15.1	15.4	15.4	90.0	94.4	95.9	55.9	55.3	55.8
<b>South Dakota</b> .....	19.3	20.1	20.2	87.0	89.1	89.6	71.8	71.7	71.2
Rapid City .....	1.7	1.7	1.7	13.0	14.1	14.1	7.3	7.5	7.4
Sioux Falls .....	10.4	11.0	11.1	28.3	29.2	29.4	9.6	9.5	9.6
<b>Tennessee</b> .....	116.2	116.0	119.1	647.7	654.3	660.7	407.7	389.7	391.1
Chattanooga .....	14.1	14.5	14.5	54.0	53.2	53.4	37.7	35.3	35.1
Johnson City-Kingsport-Bristol .....	5.7	5.7	5.7	45.7	45.5	46.1	30.1	29.2	29.2
Knoxville .....	12.8	13.2	13.3	81.6	80.6	80.8	57.8	55.9	56.4
Memphis .....	27.9	28.7	29.1	150.8	150.0	151.6	84.0	80.7	81.1
Nashville .....	36.3	37.2	37.4	184.8	189.8	191.5	82.5	78.6	78.9
<b>Texas</b> .....	438.7	445.7	446.9	2,173.6	2,250.2	2,268.0	1,467.7	1,489.1	1,491.8
Abilene .....	1.9	2.2	2.2	18.1	18.7	18.8	10.0	10.0	10.0
Amarillo .....	4.5	4.7	4.7	22.9	25.3	25.4	18.4	17.0	17.0
Austin-San Marcos .....	28.5	29.0	29.1	148.5	152.0	153.3	128.0	129.1	129.2
Beaumont-Port Arthur .....	4.7	4.9	4.9	39.1	39.4	39.8	25.8	26.1	26.2
Brazoria .....	1.8	1.8	1.8	13.2	13.8	13.7	13.5	14.1	14.1
Brownsville-Harlingen-San Benito .....	3.8	3.8	3.8	24.2	25.4	26.4	22.1	22.3	22.3
Bryan-College Station .....	2.3	2.4	2.4	13.5	13.9	14.0	27.6	27.5	28.1
Corpus Christi .....	6.5	6.3	6.4	41.3	45.3	48.1	31.7	31.3	31.4
Dallas .....	129.4	130.8	131.2	477.8	500.1	505.7	192.5	195.2	195.8
El Paso .....	8.8	8.7	8.8	51.9	52.5	53.5	50.1	51.9	52.0
Ft. Worth-Arlington .....	30.2	31.6	31.7	175.1	182.4	185.0	89.6	92.3	92.8
Galveston-Texas City .....	5.3	5.4	5.4	17.0	17.1	17.4	28.5	28.7	29.0
Houston .....	95.0	95.3	95.7	521.4	532.5	535.6	248.5	250.7	251.8
Killeen Temple .....	3.9	4.0	4.0	24.3	25.3	25.5	26.2	26.5	26.6
Laredo .....	2.1	2.1	2.1	9.8	9.9	10.1	14.0	14.1	14.0
Longview-Marshall .....	3.0	3.0	3.0	19.7	19.7	19.8	11.7	11.6	11.6
Lubbock .....	5.0	5.3	5.3	31.1	31.3	31.3	24.8	25.3	25.3
McAllen-Edinburg-Mission .....	4.5	4.7	4.7	27.0	28.4	29.1	35.2	36.3	36.6
Odessa Midland .....	3.4	3.4	3.4	21.8	22.5	22.8	17.4	17.4	17.3
San Angelo .....	1.7	1.6	1.6	11.1	11.8	12.1	8.5	8.9	8.9
San Antonio .....	42.4	42.2	42.4	188.8	188.8	191.8	132.8	133.3	133.7
Sherman-Denison .....	2.0	2.0	2.0	10.9	11.5	11.8	5.4	5.7	5.7
Texarkana .....	1.7	1.7	1.7	13.0	13.5	13.8	11.8	11.7	11.7
Tyler .....	3.8	3.8	3.8	19.9	21.7	21.7	11.0	11.1	11.2
Victoria .....	1.8	1.7	1.7	8.7	8.5	8.5	8.2	8.1	8.1
Waco .....	5.6	5.7	5.8	26.1	27.8	28.2	15.0	15.1	15.1
Wichita Falls .....	2.2	2.2	2.2	15.4	15.7	15.9	12.8	12.8	12.7
<b>Utah</b> .....	49.8	51.2	51.7	249.8	264.7	267.9	169.7	171.8	172.2
Provo-Orem .....	3.5	3.6	3.8	49.1	51.8	52.4	17.8	18.3	18.4
Salt Lake City-Ogden .....	41.1	42.1	42.3	166.2	178.6	178.7	109.3	109.2	108.8
<b>Vermont</b> .....	12.0	12.3	12.3	63.9	65.4	65.2	47.4	47.5	47.3
Barre-Montpelier .....	2.5	2.6	2.6	8.2	8.5	8.4	7.5	6.9	7.0
Burlington .....	4.5	4.8	4.7	27.7	28.4	28.7	15.7	16.3	15.9
<b>Virginia</b> .....	160.2	162.6	163.5	895.0	928.4	941.3	603.4	611.0	613.0
Bristol .....	1.1	1.1	1.1	7.6	7.8	7.9	5.4	5.6	5.6
Charlottesville .....	3.8	3.8	3.9	18.6	19.3	19.7	25.5	25.8	26.0
Danville .....	1.4	1.4	1.4	8.4	9.0	9.1	6.0	6.0	6.1
Lynchburg .....	4.1	4.1	4.2	23.0	23.6	24.0	12.6	12.9	12.6
Norfolk-Virginia Beach-Newport News .....	28.9	30.1	30.4	182.0	188.3	193.0	137.8	139.2	139.3
Northern Virginia .....	52.7	52.0	52.3	353.4	372.6	377.6	177.6	178.7	179.0
Richmond-Petersburg .....	42.4	43.2	43.2	129.2	126.5	129.6	97.2	98.8	98.9
Roanoke .....	9.1	9.1	9.2	40.1	40.9	41.3	17.5	17.5	17.6
<b>Washington</b> .....	122.6	124.7	125.4	637.3	654.9	664.0	458.7	459.4	461.8
Seattle-Bellevue-Everett .....	74.1	75.1	75.5	399.8	355.6	360.9	179.6	178.2	179.5
Spokane .....	10.2	10.7	10.7	53.0	54.1	53.9	30.8	31.2	31.1
Tacoma .....	11.3	11.3	11.4	61.4	63.4	64.3	47.0	46.2	48.3

See footnotes at end of table.



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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Total			Mining			Construction		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>West Virginia</b> .....	684.6	688.3	697.3	25.4	24.3	24.3	29.4	29.5	31.6
Charleston .....	124.4	127.0	127.8	1.8	1.8	1.8	5.9	5.6	5.9
Huntington-Ashland .....	118.3	118.7	119.0	1.2	1.6	1.6	5.4	5.9	5.5
Parkersburg-Marietta .....	66.7	66.8	66.9	.3	.4	.4	3.6	3.9	3.9
Wheeling .....	62.4	64.1	64.7	1.4	1.7	1.7	1.9	1.9	2.0
<b>Wisconsin</b> .....	2,545.7	2,579.4	2,593.3	1.9	1.9	2.0	88.1	93.1	95.3
Appleton-Oshkosh-Neenah .....	185.4	187.1	188.7	(1)	(1)	(1)	9.1	10.3	10.3
Eau Claire .....	66.9	69.6	69.7	(1)	(1)	(1)	2.1	2.2	2.2
Green Bay .....	127.9	130.2	130.5	(1)	(1)	(1)	5.6	5.9	5.8
Janesville-Beloit .....	66.4	65.6	66.2	(1)	(1)	(1)	2.3	2.2	2.3
Kenosha .....	48.8	48.2	48.4	(1)	(1)	(1)	1.9	1.8	1.9
La Crosse .....	66.3	67.8	67.7	(1)	(1)	(1)	2.1	2.1	2.2
Madison .....	256.7	263.3	264.1	(1)	(1)	(1)	10.2	10.9	11.3
Milwaukee-Waukesha .....	804.2	810.5	814.4	(1)	(1)	(1)	25.4	26.5	27.1
Racine .....	78.7	78.9	79.1	(1)	(1)	(1)	2.5	2.5	2.6
Sheboygan .....	57.6	58.1	58.5	(1)	(1)	(1)	2.1	2.2	2.2
Wausau .....	60.6	61.5	62.0	(1)	(1)	(1)	2.2	2.3	2.3
<b>Wyoming</b> .....	212.4	212.2	214.0	15.2	15.2	15.1	11.7	11.5	11.9
Casper .....	28.7	29.2	29.5	1.7	1.7	1.7	1.4	1.5	1.5
<b>Puerto Rico</b> .....	948.6	960.3	961.6	1.0	1.0	1.0	54.1	58.8	57.8
Caguas .....	61.0	62.9	64.1	(1)	(1)	(1)	2.4	3.8	4.0
Mayaguez .....	68.5	67.3	67.7	(1)	(1)	(1)	3.6	3.5	3.4
Ponce .....	73.1	73.9	73.8	(1)	(1)	(1)	4.5	5.1	5.0
San Juan-Bayamon .....	597.7	605.4	606.6	.5	.5	.5	38.7	40.5	39.1
<b>Virgin Islands</b> .....	40.9	41.9	41.9	(1)	(1)	(1)	2.3	2.1	2.2

See footnotes at end of table.

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

**B-14. Employees on nonfarm 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. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>West Virginia</b> .....	81.8	80.6	81.1	39.4	38.2	38.3	155.4	156.2	158.5
Charleston .....	9.6	9.9	9.9	9.1	9.3	9.3	30.6	31.0	31.3
Huntington-Ashland .....	17.8	17.1	17.1	7.1	6.8	6.8	30.6	30.4	30.4
Parkersburg-Marietta .....	13.2	12.5	12.6	2.7	2.8	2.8	16.8	16.9	17.0
Wheeling .....	6.2	6.0	6.0	3.3	2.8	2.8	15.6	16.3	16.3
<b>Wisconsin</b> .....	594.6	592.9	594.4	118.8	119.3	120.3	577.1	581.9	586.0
Appleton-Oshkosh-Neenah .....	58.2	58.3	58.6	7.3	7.3	7.4	38.6	39.2	39.3
Eau Claire .....	10.9	11.4	11.6	3.5	3.3	3.4	18.3	18.6	18.7
Green Bay .....	27.2	27.3	27.4	9.1	9.3	9.3	30.1	30.8	30.9
Janesville-Beloit .....	21.0	21.0	20.9	2.4	2.4	2.4	15.5	14.7	14.9
Kenosha .....	11.3	11.1	11.2	1.8	1.7	1.7	12.8	12.3	12.4
La Crosse .....	11.0	11.3	11.3	2.9	2.9	2.9	19.0	19.5	19.5
Madison .....	28.5	28.2	28.2	8.6	8.7	8.8	54.8	55.9	55.6
Milwaukee-Waukesha .....	175.2	175.0	175.2	38.5	38.2	38.3	175.4	173.7	174.9
Racine .....	25.5	25.1	25.1	2.9	3.0	3.0	16.0	16.1	16.3
Sheboygan .....	23.7	23.5	23.6	1.8	1.7	1.7	10.5	10.8	10.9
Wausau .....	16.8	16.9	17.3	3.3	3.3	3.3	14.8	15.1	15.2
<b>Wyoming</b> .....	10.3	10.5	10.4	13.5	13.3	13.4	49.2	49.2	49.7
Casper .....	1.5	1.5	1.5	1.5	1.6	1.6	8.2	8.3	8.4
<b>Puerto Rico</b> .....	153.9	151.5	152.5	24.4	24.2	23.5	188.7	192.2	193.0
Caguas .....	15.8	16.2	16.3	.7	.8	.8	13.3	13.5	13.6
Mayaguez .....	19.4	18.5	19.3	.7	.7	.7	11.1	11.2	11.0
Ponce .....	11.1	10.4	10.6	2.3	2.5	2.5	12.8	12.5	12.4
San Juan-Bayamon .....	70.8	70.0	70.0	18.6	18.4	18.2	124.8	128.3	129.2
<b>Virgin Islands</b> .....	2.3	2.2	2.2	2.3	2.3	2.3	9.3	9.6	9.5

See footnotes at end of table.

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

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>West Virginia</b> .....	28.7	27.2	27.4	187.5	192.7	194.1	139.0	139.6	142.0
Charleston .....	8.9	7.1	7.1	37.5	39.1	39.2	23.0	23.2	23.3
Huntington-Ashland .....	3.7	3.7	3.8	31.2	32.3	32.4	21.3	20.9	21.4
Parkersburg-Marietta .....	2.4	2.6	2.5	17.0	17.3	17.3	10.7	10.4	10.4
Wheeling .....	2.6	2.7	2.7	21.1	22.4	22.7	10.3	10.3	10.5
<b>Wisconsin</b> .....	137.0	139.2	139.3	638.5	660.1	664.9	389.7	391.0	391.1
Appleton-Oshkosh-Neenah .....	9.1	9.1	9.2	40.9	40.8	41.1	22.3	22.2	22.8
Eau Claire .....	2.4	2.4	2.4	17.7	19.2	19.2	12.1	12.5	12.2
Green Bay .....	10.0	9.8	9.8	30.3	31.5	31.8	15.7	15.5	15.5
Janesville-Beloit .....	1.8	1.7	1.7	15.1	14.7	15.0	8.4	8.8	9.0
Kenosha .....	1.6	1.5	1.5	12.0	12.3	12.3	7.5	7.4	7.4
La Crosse .....	2.7	2.8	2.8	18.5	18.9	18.8	10.2	10.4	10.3
Madison .....	20.1	19.7	19.7	64.4	66.9	67.2	70.1	73.1	73.3
Milwaukee-Waukesha .....	56.1	57.2	57.3	243.7	250.0	251.7	89.9	90.0	89.9
Racine .....	2.3	2.3	2.3	20.1	20.3	20.8	9.4	9.5	9.0
Sheboygan .....	2.3	2.3	2.3	11.0	11.2	11.3	6.3	6.4	6.5
Wausau .....	4.6	4.7	4.8	11.5	11.8	11.9	7.3	7.3	7.2
<b>Wyoming</b> .....	7.8	7.8	7.8	44.9	44.8	45.2	59.8	59.9	60.5
Casper .....	1.1	1.2	1.2	7.7	8.1	8.1	5.8	5.3	5.5
<b>Puerto Rico</b> .....	44.2	44.5	44.5	178.5	181.2	183.2	303.8	306.9	306.1
Caguas .....	1.6	1.7	1.7	10.5	10.2	11.1	16.7	18.7	18.6
Mayaguez .....	2.0	2.1	2.1	10.8	10.4	10.7	20.9	20.9	20.5
Ponce .....	2.3	2.2	2.2	14.7	15.1	15.3	25.4	26.1	25.8
San Juan-Bayamon .....	34.3	34.8	35.0	124.8	125.3	128.5	185.4	187.8	188.1
<b>Virgin Islands</b> .....	1.8	1.9	1.9	9.1	10.2	10.2	13.8	13.6	13.6

<sup>1</sup> Combined with construction.  
<sup>2</sup> Not available.  
P = preliminary.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1998 benchmarks.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Total private</b> .....		34.2	34.1	34.5	34.6	34.4	-	-	-	-	-
<b>Goods-producing</b> .....		40.6	40.7	40.7	41.2	41.2	-	-	-	-	-
<b>Mining</b> .....		45.0	44.9	45.6	45.5	45.0	-	-	-	-	-
Metal mining .....	10	44.0	44.6	45.1	45.1	-	-	-	-	-	-
Iron ores .....	101	45.6	44.9	46.6	48.5	-	-	-	-	-	-
Copper ores .....	102	45.1	48.1	46.5	46.1	-	-	-	-	-	-
Coal mining .....	12	46.8	45.5	46.8	46.2	-	-	-	-	-	-
Bituminous coal and lignite mining .....	122	47.0	45.5	46.9	46.3	-	-	-	-	-	-
Oil and gas extraction .....	13	44.2	44.0	45.4	45.2	-	-	-	-	-	-
Crude petroleum and natural gas .....	131	41.2	41.4	43.3	42.7	-	-	-	-	-	-
Oil and gas field services .....	138	46.0	45.5	46.6	46.4	-	-	-	-	-	-
Nonmetallic minerals, except fuels .....	14	46.3	46.9	45.1	46.5	-	-	-	-	-	-
Crushed and broken stone .....	142	47.6	48.6	45.7	48.1	-	-	-	-	-	-
<b>Construction</b> .....		38.1	38.6	37.4	38.3	38.7	-	-	-	-	-
General building contractors .....	15	37.8	38.4	37.4	38.0	-	-	-	-	-	-
Residential building construction .....	152	36.1	36.9	36.4	36.7	-	-	-	-	-	-
Operative builders .....	153	40.1	40.5	37.8	38.6	-	-	-	-	-	-
Nonresidential building construction .....	154	39.5	39.8	38.3	39.2	-	-	-	-	-	-
Heavy construction, except building .....	16	41.5	42.4	39.6	41.3	-	-	-	-	-	-
Highway and street construction .....	161	41.1	43.0	37.5	40.2	-	-	-	-	-	-
Heavy construction, except highway .....	162	41.6	42.1	40.3	41.7	-	-	-	-	-	-
Special trade contractors .....	17	37.4	37.7	37.0	37.7	-	-	-	-	-	-
Plumbing, heating, and air conditioning .....	171	39.0	39.0	38.5	38.9	-	-	-	-	-	-
Painting and paper hanging .....	172	35.5	35.8	35.4	36.5	-	-	-	-	-	-
Electrical work .....	173	39.4	39.2	39.3	39.8	-	-	-	-	-	-
Masonry, stonework, and plastering .....	174	35.0	35.6	34.3	35.3	-	-	-	-	-	-
Carpentry and floor work .....	175	35.3	35.6	34.9	35.3	-	-	-	-	-	-
Roofing, siding, and sheet metal work .....	176	33.0	33.5	31.5	33.1	-	-	-	-	-	-
<b>Manufacturing</b> .....		41.3	41.2	41.6	42.0	41.8	4.1	4.2	4.5	4.7	4.6
<b>Durable goods</b> .....		42.0	42.0	42.5	42.9	42.7	4.4	4.5	4.8	5.1	5.0
Lumber and wood products .....	24	40.4	40.7	40.2	40.7	41.3	3.9	4.0	3.9	4.1	-
Logging .....	241	40.5	40.7	40.4	40.0	-	5.2	5.0	5.2	5.5	-
Sawmills and planing mills .....	242	41.6	41.4	42.4	42.5	-	4.8	4.6	5.2	5.2	-
Sawmills and planing mills, general .....	2421	42.0	41.9	42.8	42.9	-	5.2	5.0	5.6	5.6	-
Hardwood dimension and flooring mills .....	2426	40.1	39.4	40.7	40.9	-	3.1	3.1	3.6	3.5	-
Millwork, plywood, and structural members .....	243	40.2	41.1	40.1	41.0	-	3.5	4.1	3.6	4.1	-
Millwork .....	2431	39.8	41.0	38.9	39.9	-	2.7	3.4	2.5	2.9	-
Wood kitchen cabinets .....	2434	39.6	39.9	38.9	40.8	-	3.3	3.6	3.5	4.2	-
Hardwood veneer and plywood .....	2435	42.1	42.7	42.5	42.3	-	4.7	5.8	5.3	5.4	-
Softwood veneer and plywood .....	2436	42.4	42.8	45.2	45.1	-	5.7	5.6	6.0	6.3	-
Wood containers .....	244	38.7	38.7	38.3	38.8	-	3.3	3.3	3.2	3.4	-
Wood buildings and mobile homes .....	245	39.2	39.7	36.5	37.3	-	2.9	3.1	1.7	1.9	-
Mobile homes .....	2451	39.4	39.9	36.3	37.2	-	3.1	3.3	1.6	1.8	-
Miscellaneous wood products .....	249	40.0	40.5	40.2	40.3	-	3.1	3.2	3.0	3.2	-
Furniture and fixtures .....	25	39.0	38.7	38.9	39.9	39.5	2.7	2.8	2.7	3.1	-
Household furniture .....	251	38.7	38.2	37.9	39.0	-	2.5	2.6	2.4	2.7	-
Wood household furniture .....	2511	38.5	38.4	37.7	39.1	-	2.4	2.5	2.3	2.7	-
Upholstered household furniture .....	2512	38.2	37.3	37.6	38.5	-	2.2	2.2	2.0	2.1	-
Metal household furniture .....	2514	42.1	41.6	39.5	40.8	-	4.4	4.4	3.8	3.8	-
Mattresses and bedspreads .....	2515	37.4	37.5	38.4	39.6	-	2.1	2.6	2.8	3.5	-
Office furniture .....	252	38.6	38.5	40.1	40.7	-	2.2	2.4	2.9	3.2	-
Public building and related furniture .....	253	40.6	39.9	40.4	40.4	-	3.5	3.8	3.8	4.0	-
Partitions and fixtures .....	254	41.1	41.1	41.2	42.3	-	3.6	3.6	3.6	3.9	-
Miscellaneous furniture and fixtures .....	259	35.4	36.4	38.9	39.3	-	2.0	2.6	2.5	2.8	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>
<b>Total private</b> .....		\$11.69	\$11.75	\$12.14	\$12.17	\$12.18	\$399.80	\$400.68	\$418.83	\$421.08	\$418.99
<b>Goods-producing</b> .....		13.17	13.35	13.66	13.72	13.78	534.70	543.35	555.96	565.26	567.74
<b>Mining</b> .....		15.51	15.55	16.05	16.03	16.18	697.95	698.20	731.88	729.37	728.10
Metal mining .....	10	17.17	17.34	17.73	17.65	-	755.48	773.36	799.62	796.02	-
Iron ores .....	101	18.60	19.58	18.67	18.43	-	848.16	879.14	870.02	893.86	-
Copper ores .....	102	15.42	15.58	15.98	16.07	-	695.44	749.40	743.07	740.83	-
Coal mining .....	12	18.73	18.67	19.22	19.13	-	876.56	849.49	899.50	883.81	-
Bituminous coal and lignite mining .....	122	18.98	18.93	19.51	19.41	-	892.06	861.32	915.02	898.68	-
Oil and gas extraction .....	13	14.62	14.74	15.30	15.31	-	646.20	648.56	694.62	692.01	-
Crude petroleum and natural gas .....	131	19.12	19.27	20.68	20.71	-	787.74	797.78	895.44	884.32	-
Oil and gas field services .....	138	12.20	12.31	12.64	12.70	-	561.20	560.11	589.02	589.28	-
Nonmetallic minerals, except fuels .....	14	13.59	13.66	13.98	14.13	-	629.22	640.65	630.50	657.05	-
Crushed and broken stone .....	142	12.84	12.95	13.09	13.35	-	611.18	629.37	598.21	642.14	-
<b>Construction</b> .....		15.13	15.19	15.65	15.64	15.72	576.45	586.33	585.31	599.01	608.36
General building contractors .....	15	14.57	14.55	15.01	14.97	-	550.75	558.72	561.37	568.86	-
Residential building construction .....	152	13.49	13.35	13.92	13.84	-	486.99	492.62	506.69	507.93	-
Operative builders .....	153	14.24	14.29	14.75	14.91	-	571.02	578.75	557.55	575.53	-
Nonresidential building construction .....	154	15.52	15.63	16.02	15.99	-	613.04	622.07	613.57	626.81	-
Heavy construction, except building .....	16	14.30	14.67	15.05	14.99	-	593.45	622.01	595.98	619.09	-
Highway and street construction .....	161	13.93	14.49	14.80	14.57	-	572.52	623.07	555.00	585.71	-
Heavy construction, except highway .....	162	14.43	14.74	15.12	15.13	-	600.29	620.55	609.34	630.92	-
Special trade contractors .....	17	15.53	15.55	16.00	16.01	-	580.82	586.24	592.00	603.58	-
Plumbing, heating, and air conditioning .....	171	16.00	15.92	16.38	16.45	-	624.00	620.88	630.63	639.91	-
Painting and paper hanging .....	172	14.08	14.17	14.21	14.16	-	499.84	507.29	503.03	516.84	-
Electrical work .....	173	16.82	16.90	17.36	17.50	-	662.71	662.48	682.25	696.50	-
Masonry, stonework, and plastering .....	174	15.52	15.49	15.76	15.86	-	543.20	551.44	540.57	559.86	-
Carpentry and floor work .....	175	15.07	15.20	15.49	15.53	-	531.97	541.12	540.60	548.21	-
Roofing, siding, and sheet metal work .....	176	13.30	13.17	13.78	13.67	-	438.90	441.20	434.07	452.48	-
<b>Manufacturing</b> .....		12.54	12.73	13.02	13.08	13.10	517.90	524.48	541.63	549.36	547.58
<b>Durable goods</b> .....		13.05	13.29	13.58	13.64	13.65	548.10	558.18	577.15	585.16	582.86
Lumber and wood products .....	24	10.29	10.33	10.60	10.61	10.64	415.72	420.43	426.12	431.83	439.43
Logging .....	241	11.71	11.62	12.03	11.84	-	474.26	472.93	486.01	473.60	-
Sawmills and planing mills .....	242	10.50	10.52	10.82	10.80	-	436.80	435.53	458.77	459.00	-
Sawmills and planing mills, general .....	2421	10.87	10.90	11.21	11.19	-	456.54	456.71	479.79	480.05	-
Hardwood dimension and flooring mills .....	2426	9.03	9.05	9.26	9.22	-	362.10	356.57	376.88	377.10	-
Millwork, plywood, and structural members .....	243	10.27	10.39	10.69	10.73	-	412.85	427.03	428.67	439.93	-
Millwork .....	2431	10.43	10.56	10.67	10.74	-	415.11	432.96	415.06	428.53	-
Wood kitchen cabinets .....	2434	9.80	9.97	10.47	10.48	-	388.08	397.80	407.28	427.58	-
Hardwood veneer and plywood .....	2435	9.01	9.10	9.47	9.50	-	379.32	388.57	402.48	401.85	-
Softwood veneer and plywood .....	2436	12.36	12.50	12.88	12.88	-	524.06	535.00	582.18	580.89	-
Wood containers .....	244	7.89	7.91	8.29	8.34	-	305.34	306.12	317.51	323.59	-
Wood buildings and mobile homes .....	245	10.42	10.52	10.40	10.55	-	408.46	417.64	379.60	393.52	-
Mobile homes .....	2451	10.60	10.69	10.55	10.72	-	417.64	426.53	382.97	398.78	-
Miscellaneous wood products .....	249	9.90	9.84	10.10	10.12	-	396.00	398.52	406.02	407.84	-
Furniture and fixtures .....	25	10.00	10.06	10.34	10.43	10.42	390.00	389.32	402.23	416.16	411.59
Household furniture .....	251	9.50	9.54	9.78	9.85	-	367.65	364.43	370.66	384.15	-
Wood household furniture .....	2511	9.11	9.10	9.38	9.43	-	350.74	349.44	353.63	368.71	-
Upholstered household furniture .....	2512	10.25	10.30	10.43	10.48	-	391.55	384.19	392.17	403.48	-
Metal household furniture .....	2514	9.06	9.12	9.19	9.31	-	381.43	379.39	363.01	379.85	-
Mattresses and bedsprings .....	2515	9.82	10.05	10.53	10.56	-	367.27	376.88	404.35	418.18	-
Office furniture .....	252	10.82	10.88	11.34	11.52	-	417.65	418.88	454.73	468.86	-
Public building and related furniture .....	253	10.55	10.74	11.14	11.40	-	428.33	428.53	450.06	460.56	-
Partitions and fixtures .....	254	10.99	11.05	11.18	11.23	-	451.69	454.16	460.62	475.03	-
Miscellaneous furniture and fixtures .....	259	9.94	10.03	10.31	10.43	-	351.88	365.09	401.06	409.90	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers' on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>
		<b>Durable goods—Continued</b>									
Stone, clay, and glass products .....	32	42.7	43.2	42.0	42.6	42.9	5.2	5.7	5.0	5.4	-
Fiat glass .....	321	45.5	47.2	45.3	44.8	-	7.1	9.7	6.9	6.9	-
Glass and glassware, pressed or blown .....	322	43.2	43.0	42.3	42.4	-	4.4	4.9	4.8	4.7	-
Glass containers .....	3221	43.9	44.1	43.7	44.2	-	5.3	5.9	6.3	6.1	-
Pressed and blown glass, nec .....	3229	42.7	42.2	41.4	41.2	-	3.6	4.1	3.8	3.7	-
Products of purchased glass .....	323	41.3	40.9	41.3	41.3	-	3.4	3.4	4.0	3.9	-
Cement, hydraulic .....	324	45.6	44.9	45.9	45.7	-	5.9	5.7	6.7	6.8	-
Structural clay products .....	325	41.1	41.0	41.9	42.4	-	4.0	4.1	4.7	4.8	-
Pottery and related products .....	326	41.6	41.7	41.4	41.0	-	4.6	4.8	4.2	4.3	-
Concrete, gypsum, and plaster products .....	327	43.0	44.3	41.5	43.1	-	6.5	7.2	5.4	6.3	-
Concrete block and brick .....	3271	45.1	46.4	44.4	45.3	-	7.0	7.8	6.4	7.3	-
Concrete products, nec .....	3272	43.3	43.1	42.0	42.8	-	5.8	5.5	5.0	5.3	-
Ready-mixed concrete .....	3273	41.5	44.2	39.6	42.1	-	6.5	7.9	5.0	6.4	-
Misc. nonmetallic mineral products .....	329	42.8	43.0	42.5	42.6	-	4.8	4.6	5.1	5.2	-
Abrasive products .....	3291	40.9	41.1	42.5	42.9	-	3.7	3.8	3.6	3.9	-
Asbestos products .....	3292	43.7	42.7	45.5	46.5	-	5.1	3.7	6.3	7.7	-
<b>Primary metal industries .....</b>	<b>33</b>	<b>43.8</b>	<b>43.6</b>	<b>44.6</b>	<b>44.8</b>	<b>44.6</b>	<b>5.8</b>	<b>5.8</b>	<b>6.4</b>	<b>6.6</b>	<b>-</b>
Blast furnaces and basic steel products .....	331	44.3	44.0	44.5	44.8	44.2	6.1	5.8	6.2	6.3	-
Blast furnaces and steel mills .....	3312	44.9	44.5	44.8	44.9	-	6.5	6.2	6.3	6.5	-
Steel pipe and tubes .....	3317	42.7	42.0	44.4	44.3	-	5.1	4.7	6.3	6.2	-
Iron and steel foundries .....	332	43.5	44.3	45.9	48.4	-	5.3	6.1	6.7	7.2	-
Gray and ductile iron foundries .....	3321	43.4	44.8	46.3	47.1	-	5.4	8.7	7.6	8.0	-
Malleable iron foundries .....	3322	43.7	47.4	46.9	49.1	-	4.8	6.9	7.7	8.8	-
Steel foundries, nec .....	3325	43.5	43.2	44.6	44.1	-	4.9	4.9	5.1	5.4	-
Primary nonferrous metals .....	333	43.8	42.7	43.7	43.9	-	5.9	5.3	5.8	5.9	-
Primary aluminum .....	3334	43.5	41.7	43.2	43.6	-	5.8	5.2	5.9	5.7	-
Nonferrous rolling and drawing .....	335	44.6	44.0	44.7	45.0	-	6.7	6.6	7.3	7.5	-
Copper rolling and drawing .....	3351	44.7	45.1	44.5	44.3	-	7.5	7.8	7.9	8.4	-
Aluminum sheet, plate, and foil .....	3353	46.9	48.0	47.1	47.8	-	7.4	7.7	7.8	7.7	-
Nonferrous wire drawing and insulating .....	3357	43.3	43.0	44.5	44.6	-	6.1	5.8	7.0	7.1	-
Nonferrous foundries (castings) .....	336	41.9	41.8	43.6	43.6	-	4.2	4.2	5.4	5.4	-
Aluminum foundries .....	3365	42.0	42.4	43.7	43.2	-	4.5	5.2	5.5	5.2	-
<b>Fabricated metal products .....</b>	<b>34</b>	<b>41.9</b>	<b>41.8</b>	<b>42.2</b>	<b>42.5</b>	<b>42.5</b>	<b>4.3</b>	<b>4.4</b>	<b>4.7</b>	<b>4.9</b>	<b>-</b>
Metal cans and shipping containers .....	341	41.9	41.3	42.5	43.1	-	5.3	5.4	5.7	6.1	-
Metal cans .....	3411	42.4	41.7	42.7	43.4	-	5.5	5.8	5.5	6.2	-
Cutlery, handtools, and hardware .....	342	41.6	41.6	41.7	42.3	-	3.2	3.5	4.0	4.2	-
Hand and edge tools, and blades and handsaws .....	3423.5	41.6	41.4	41.7	41.3	-	3.4	3.2	3.7	3.5	-
Hardware, nec .....	3429	41.1	41.6	41.7	42.8	-	2.8	3.6	4.1	4.6	-
Plumbing and heating, except electric .....	343	40.4	39.9	41.8	42.1	-	2.6	2.8	3.9	4.0	-
Plumbing fixture fittings and trim .....	3432	41.4	40.0	42.6	42.3	-	2.8	2.8	4.0	3.5	-
Heating equipment, except electric .....	3433	40.2	39.6	39.6	40.1	-	2.8	2.1	2.7	2.8	-
Fabricated structural metal products .....	344	41.8	41.6	41.3	41.6	-	4.2	4.3	4.1	4.4	-
Fabricated structural metal .....	3441	42.9	42.5	42.3	42.8	-	5.3	5.0	5.3	6.0	-
Metal doors, sash, and trim .....	3442	40.4	40.9	38.8	39.6	-	2.8	3.1	2.5	2.7	-
Fabricated plate work (boiler shops) .....	3443	43.3	42.7	43.5	43.2	-	5.4	5.3	5.3	5.6	-
Sheet metal work .....	3444	41.1	40.7	40.8	41.0	-	3.7	3.7	3.7	3.7	-
Architectural metal work .....	3446	40.5	40.9	40.8	40.7	-	3.1	3.5	3.8	3.4	-
Screw machine products, bolts, etc .....	345	43.1	42.7	44.3	44.1	-	5.0	4.7	8.0	6.1	-
Screw machine products .....	3451	42.2	41.9	43.2	43.0	-	4.4	4.1	5.0	5.3	-
Bolts, nuts, rivets, and washers .....	3452	44.1	43.6	45.6	45.5	-	5.6	5.4	7.1	7.1	-
Metal forgings and stampings .....	346	42.6	43.5	43.7	44.0	-	5.0	5.6	5.9	6.0	-
Iron and steel forgings .....	3462	43.2	43.0	45.7	45.7	-	5.2	4.9	6.7	7.3	-
Automotive stampings .....	3465	42.8	45.0	44.5	44.9	-	5.3	6.8	6.5	6.4	-
Metal stampings, nec .....	3469	41.7	41.4	41.7	41.8	-	4.1	3.9	4.4	4.7	-
Metal services, nec .....	347	41.3	41.0	41.6	41.7	-	4.3	4.1	4.6	4.7	-
Plating and polishing .....	3471	40.7	40.8	41.4	41.4	-	4.0	4.0	4.4	4.5	-
Metal coating and allied services .....	3479	42.3	41.3	42.0	42.3	-	4.7	4.4	4.9	5.1	-
Ordnance and accessories, nec .....	348	42.4	41.6	40.2	40.4	-	3.9	3.5	3.1	3.2	-
Ammunition, except for small arms, nec .....	3483	42.7	42.1	41.1	40.6	-	3.4	3.2	2.8	2.7	-
Misc. fabricated metal products .....	349	41.6	41.1	42.4	42.6	-	3.9	3.9	4.4	4.5	-
Valves and pipe fittings, nec .....	3494	41.5	41.2	42.1	42.4	-	3.6	3.6	4.3	4.2	-
Misc. fabricated wire products .....	3496	40.3	39.8	40.5	40.8	-	3.2	3.2	3.5	3.4	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	\$12.59	\$12.76	\$13.04	\$13.00	\$13.04	\$537.59	\$551.23	\$547.68	\$553.80	\$559.42
Flat glass .....	321	17.91	19.03	18.22	18.42	-	814.91	898.22	825.37	825.22	-
Glass and glassware, pressed or blown .....	322	14.15	14.49	14.77	14.73	-	611.28	623.07	624.77	624.55	-
Glass containers .....	3221	14.62	15.20	15.57	15.49	-	641.82	670.32	680.41	684.66	-
Pressed and blown glass, nec .....	3229	13.77	13.91	14.18	14.18	-	587.98	587.00	587.05	584.22	-
Products of purchased glass .....	323	11.15	11.22	12.08	12.04	-	460.50	458.90	498.90	497.25	-
Cement, hydraulic .....	324	16.60	16.83	17.41	17.32	-	756.96	755.67	799.12	791.52	-
Structural clay products .....	325	11.18	11.24	11.44	11.35	-	459.50	460.84	479.34	481.24	-
Pottery and related products .....	326	10.91	10.93	11.35	11.38	-	453.86	455.78	469.89	466.58	-
Concrete, gypsum, and plaster products .....	327	11.99	12.19	12.26	12.27	-	515.57	540.02	508.79	528.84	-
Concrete block and brick .....	3271	11.26	11.42	11.79	12.03	-	507.83	529.89	523.48	544.96	-
Concrete products, nec .....	3272	10.82	10.83	10.93	10.99	-	468.51	466.77	459.06	470.37	-
Ready-mixed concrete .....	3273	12.70	12.94	13.07	12.97	-	527.05	571.95	517.57	546.04	-
Misc. nonmetallic mineral products .....	329	13.19	13.29	13.50	13.49	-	564.53	571.47	573.75	574.67	-
Abrasive products .....	3291	11.73	11.82	11.62	11.60	-	479.76	485.80	493.85	497.64	-
Asbestos products .....	3292	15.63	15.59	15.97	15.99	-	683.03	665.69	726.64	743.54	-
Primary metal industries .....	33	14.74	15.00	15.10	15.16	15.17	645.61	654.00	673.46	679.17	676.58
Blast furnaces and basic steel products .....	331	17.61	17.92	17.78	17.87	18.02	780.12	788.48	791.21	797.00	796.48
Blast furnaces and steel mills .....	3312	19.06	19.48	19.25	19.39	-	855.79	866.86	862.40	870.61	-
Steel pipe and tubes .....	3317	13.76	13.72	14.19	14.07	-	587.55	576.24	630.04	623.30	-
Iron and steel foundries .....	332	13.30	13.61	13.66	13.73	-	578.55	602.92	628.99	637.07	-
Gray and ductile iron foundries .....	3321	14.05	14.45	14.50	14.54	-	609.77	644.47	671.35	684.83	-
Malleable iron foundries .....	3322	15.87	16.49	17.41	17.04	-	693.52	781.63	816.53	836.66	-
Steel foundries, nec .....	3325	12.32	12.28	12.34	12.49	-	535.92	530.50	550.36	550.81	-
Primary nonferrous metals .....	333	15.75	16.51	16.51	16.49	-	689.85	704.96	721.49	723.91	-
Primary aluminum .....	3334	15.95	16.71	16.60	16.38	-	687.73	696.81	717.12	714.17	-
Nonferrous rolling and drawing .....	335	13.81	14.04	14.49	14.54	-	615.93	617.76	647.70	654.30	-
Copper rolling and drawing .....	3351	13.96	13.92	14.35	14.53	-	624.01	627.79	638.58	643.68	-
Aluminum sheet, plate, and foil .....	3353	15.57	16.72	16.44	16.50	-	730.23	769.12	774.32	788.70	-
Nonferrous wire drawing and insulating .....	3357	13.96	14.04	14.57	14.84	-	604.47	603.72	648.37	652.94	-
Nonferrous foundries (castings) .....	336	11.58	11.60	12.13	12.14	-	485.20	484.68	528.67	529.30	-
Aluminum foundries .....	3365	10.99	11.10	11.46	11.43	-	461.58	470.84	500.80	493.78	-
Fabricated metal products .....	34	12.28	12.43	12.72	12.75	12.80	514.53	519.57	536.76	541.88	544.00
Metal cans and shipping containers .....	341	16.02	16.14	16.11	16.26	-	671.24	666.58	664.66	700.61	-
Metal cans .....	3411	16.90	17.05	17.05	17.22	-	716.56	710.99	728.04	747.35	-
Cutlery, handtools, and hardware .....	342	11.99	12.23	12.68	12.70	-	496.78	508.77	526.78	537.21	-
Hand and edge tools, and blades and hand saws .....	3423,5	11.40	11.51	11.88	11.90	-	474.24	476.51	495.40	491.47	-
Hardware, nec .....	3429	11.85	12.21	12.83	12.91	-	467.04	507.94	535.01	552.55	-
Plumbing and heating, except electric .....	343	10.90	11.12	11.53	11.54	-	440.38	443.89	481.95	485.83	-
Plumbing fixture fittings and trim .....	3432	10.35	10.60	11.25	11.20	-	428.49	424.00	479.25	473.76	-
Heating equipment, except electric .....	3433	11.06	11.07	11.59	11.56	-	444.61	436.37	456.96	463.56	-
Fabricated structural metal products .....	344	11.57	11.59	12.00	12.00	-	483.63	482.14	495.60	499.20	-
Fabricated structural metal .....	3441	11.54	11.60	11.94	12.06	-	495.07	493.00	505.06	516.17	-
Metal doors, sash, and trim .....	3442	9.74	9.80	10.23	10.19	-	393.50	400.82	398.92	403.52	-
Fabricated plate work (boiler shops) .....	3443	12.89	13.01	13.29	13.31	-	558.14	555.53	576.12	574.99	-
Sheet metal work .....	3444	11.80	11.77	12.30	12.25	-	484.98	479.04	501.84	502.25	-
Architectural metal work .....	3446	11.02	10.83	11.30	11.17	-	446.31	442.95	461.04	454.82	-
Screw machine products, bolts, etc .....	345	12.25	12.25	12.75	12.84	-	527.98	523.08	564.83	566.24	-
Screw machine products .....	3451	11.69	11.64	11.99	12.09	-	493.32	487.72	517.97	519.87	-
Bolts, nuts, rivets, and washers .....	3452	12.89	12.95	13.57	13.66	-	568.45	564.62	618.79	621.53	-
Metal forgings and stampings .....	346	14.28	14.69	14.85	14.90	-	606.33	639.02	648.95	655.60	-
Iron and steel forgings .....	3462	13.89	13.83	14.05	14.34	-	600.05	594.69	642.09	655.34	-
Automotive stampings .....	3465	16.12	16.83	16.95	17.05	-	689.94	757.35	754.28	765.55	-
Metal stampings, nec .....	3469	11.75	11.74	12.11	12.11	-	489.98	486.04	504.99	506.20	-
Metal services, nec .....	347	10.37	10.45	10.70	10.78	-	426.28	428.45	445.12	449.53	-
Plating and polishing .....	3471	10.36	10.32	10.52	10.65	-	421.65	421.06	435.53	440.91	-
Metal coating and allied services .....	3479	10.38	10.65	10.99	11.00	-	439.07	439.85	461.58	465.30	-
Ordnance and accessories, nec .....	348	14.30	14.33	14.86	14.74	-	606.32	596.13	597.37	595.50	-
Ammunition, except for small arms, nec .....	3483	15.13	15.45	15.94	15.76	-	646.05	650.45	655.13	639.86	-
Misc. fabricated metal products .....	349	11.75	11.83	12.11	12.13	-	486.80	486.21	513.46	516.74	-
Valves and pipe fittings, nec .....	3494	11.92	11.99	12.37	12.30	-	494.68	493.99	520.78	521.52	-
Misc. fabricated wire products .....	3496	10.32	10.43	10.84	10.82	-	415.90	415.11	439.02	441.46	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	43.3	42.7	43.5	43.8	43.6	5.0	4.6	5.3	5.6	-
Engines and turbines .....	351	42.0	41.9	44.3	43.5	-	3.6	3.6	5.5	5.0	-
Turbines and turbine generator sets .....	3511	40.9	40.6	42.1	42.6	-	3.9	3.8	4.3	4.5	-
Internal combustion engines, nec .....	3519	42.4	42.3	45.0	43.8	-	3.5	3.5	5.9	5.2	-
Farm and garden machinery .....	352	42.6	42.5	43.3	44.1	-	4.0	3.9	5.5	5.8	-
Farm machinery and equipment .....	3523	43.0	43.3	43.7	44.5	-	4.4	4.3	5.8	6.2	-
Construction and related machinery .....	353	44.1	43.5	44.3	44.7	-	5.3	4.9	5.7	6.2	-
Construction machinery .....	3531	44.6	43.7	44.2	44.4	-	5.6	5.0	5.5	5.8	-
Mining machinery .....	3532	42.1	40.9	44.2	44.8	-	4.2	3.7	5.4	6.4	-
Oil and gas field machinery .....	3533	47.6	47.1	47.4	49.1	-	7.4	7.0	8.3	9.7	-
Conveyors and conveying equipment .....	3535	42.0	41.7	42.9	42.8	-	4.4	4.3	5.4	5.2	-
Industrial trucks and tractors .....	3537	41.5	41.1	41.5	41.5	-	3.8	3.3	3.8	3.8	-
Metalworking machinery .....	354	43.7	43.0	44.5	44.5	-	5.9	5.4	6.5	6.6	-
Machine tools, metal cutting types .....	3541	45.0	43.9	45.3	44.7	-	6.3	5.6	6.7	6.6	-
Machine tools, metal forming types .....	3542	45.5	44.2	46.6	46.5	-	6.8	6.0	6.8	6.8	-
Special dies, tools, jigs, and fixtures .....	3544	43.7	43.2	44.7	44.8	-	6.5	5.9	7.2	7.3	-
Machine tool accessories .....	3545	43.7	43.0	44.2	44.1	-	5.0	4.7	5.5	5.6	-
Power driven handtools .....	3546	40.9	40.1	41.1	41.7	-	3.8	3.1	3.6	3.9	-
Special industry machinery .....	355	42.9	42.3	43.0	43.6	-	4.9	4.5	5.0	5.5	-
Textile machinery .....	3552	42.2	40.5	41.4	41.6	-	3.5	3.0	3.3	3.6	-
Printing trades machinery .....	3555	42.4	41.9	41.3	42.0	-	4.5	3.2	4.0	4.5	-
Food products machinery .....	3556	42.4	41.7	42.2	42.2	-	4.9	4.4	4.5	4.7	-
General industrial machinery .....	356	42.8	42.1	43.3	43.5	-	4.6	4.4	5.1	5.3	-
Pumps and pumping equipment .....	3561	42.8	41.7	42.9	43.3	-	4.8	4.4	5.2	5.5	-
Ball and roller bearings .....	3562	44.2	43.0	44.8	45.0	-	5.7	5.7	6.3	6.7	-
Air and gas compressors .....	3563	45.0	43.7	43.1	43.7	-	5.5	4.8	5.1	5.7	-
Blowers and fans .....	3564	41.9	41.5	42.6	42.7	-	3.2	2.9	3.4	3.5	-
Speed changers, drives, and gears .....	3566	43.5	42.5	44.3	43.8	-	5.1	5.1	5.7	6.1	-
Power transmission equipment, nec .....	3568	41.4	40.7	42.5	42.7	-	4.4	4.0	5.3	5.3	-
Computer and office equipment .....	357	43.4	42.1	42.6	42.6	-	3.8	2.0	3.4	3.6	-
Electronic computers .....	3571	44.7	42.7	42.1	41.8	-	3.8	3	2.5	2.7	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	41.1	40.0	41.6	42.3	-	3.8	3.4	3.9	4.6	-
Refrigeration and service machinery .....	358	43.9	43.9	42.8	43.6	-	4.9	5.3	4.2	4.5	-
Refrigeration and heating equipment .....	3585	44.6	44.5	43.1	44.1	-	5.4	5.9	4.5	4.8	-
Misc. industrial and commercial machinery .....	359	42.9	42.5	43.3	43.5	-	5.2	5.0	5.9	6.0	-
Carburetors, pistons, rings, valves .....	3592	42.3	42.1	42.6	42.3	-	5.1	5.3	5.4	5.2	-
Scales, balances, and industrial machinery, nec .....	3596,9	42.9	42.6	43.2	43.4	-	5.3	5.1	5.9	6.0	-
Electronic and other electrical equipment .....	36	41.4	40.7	41.7	42.1	41.9	3.7	3.5	3.8	4.2	-
Electric distribution equipment .....	361	40.9	40.0	41.4	41.5	-	3.4	2.9	3.5	4.0	-
Transformers, except electronic .....	3612	41.1	40.0	41.5	41.7	-	3.1	2.6	2.7	3.3	-
Switchgear and switchboard apparatus .....	3613	40.8	39.9	41.2	41.3	-	3.7	3.2	4.3	4.6	-
Electrical industrial apparatus .....	362	41.6	41.2	41.5	42.0	-	3.6	3.5	3.6	4.1	-
Motors and generators .....	3621	41.7	41.3	41.6	42.0	-	3.6	3.6	3.7	3.9	-
Relays and industrial controls .....	3625	40.9	40.6	40.3	41.2	-	3.4	3.1	3.1	4.2	-
Household appliances .....	363	40.9	41.1	39.5	40.1	-	2.6	2.6	2.3	3.0	-
Household refrigerators and freezers .....	3632	41.0	44.4	37.9	38.1	-	1.8	1.7	1.9	2.3	-
Household laundry equipment .....	3633	38.3	38.3	38.4	41.2	-	3.2	1.6	1.9	3.3	-
Electric housewares and fans .....	3634	40.1	39.0	40.3	40.6	-	1.9	2.2	1.9	2.9	-
Electric lighting and wiring equipment .....	364	41.0	40.7	41.7	42.2	-	3.2	3.5	4.1	4.3	-
Electric lamps .....	3641	43.2	43.4	44.2	44.3	-	3.6	3.5	5.6	5.6	-
Current-carrying wiring devices .....	3643	40.8	39.2	41.2	42.2	-	3.3	3.5	4.3	4.7	-
Noncurrent-carrying wiring devices .....	3644	41.6	42.0	41.7	41.6	-	2.6	2.8	3.0	3.2	-
Residential lighting fixtures .....	3645	38.4	38.0	39.9	38.9	-	2.0	2.0	3.5	2.5	-
Household audio and video equipment .....	365	40.6	40.5	40.2	42.1	-	4.4	4.2	3.5	4.2	-
Household audio and video equipment .....	3651	40.0	40.1	40.8	41.8	-	3.2	3.2	2.8	3.3	-
Communications equipment .....	366	43.2	42.5	41.9	42.3	-	3.5	3.0	3.2	3.8	-
Telephone and telegraph apparatus .....	3661	44.5	43.4	43.4	44.3	-	3.7	2.9	3.3	4.3	-
Electronic components and accessories .....	367	41.1	39.8	42.6	42.8	-	4.1	3.6	4.3	4.7	-
Electron tubes .....	3671	39.9	38.2	40.9	40.2	-	3.8	3.7	4.7	4.2	-
Semiconductors and related devices .....	3674	40.5	39.8	43.4	43.5	-	4.7	4.5	4.5	4.7	-
Electronic components, nec .....	3679	41.4	39.9	42.0	42.6	-	3.8	2.9	3.7	4.2	-
Misc. electrical equipment and supplies .....	369	41.9	41.5	41.9	41.7	-	4.3	4.4	4.3	4.1	-
Storage batteries .....	3691	42.0	39.7	42.5	40.8	-	3.7	3.2	4.4	4.0	-
Engine electrical equipment .....	3694	41.8	42.3	42.1	42.1	-	4.9	5.3	4.7	4.3	-

See footnotes at end of table.



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

**B-15. Average hours and earnings of production or nonsupervisory workers' on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	\$13.36	\$13.44	\$13.89	\$13.94	\$13.96	\$578.49	\$573.89	\$604.22	\$610.57	\$608.66
Engines and turbines .....	351	15.77	16.04	16.51	16.77	-	662.34	672.08	731.39	729.50	-
Turbines and turbine generator sets .....	3511	17.79	18.05	18.69	19.09	-	727.61	732.83	786.85	813.23	-
Internal combustion engines, nec .....	3519	15.11	15.40	15.79	15.97	-	640.66	651.42	710.55	699.49	-
Farm and garden machinery .....	352	12.88	13.26	13.46	13.38	-	548.89	563.55	582.82	590.06	-
Farm machinery and equipment .....	3523	13.90	14.39	14.55	14.56	-	597.70	623.09	635.84	647.92	-
Construction and related machinery .....	353	12.94	12.99	13.36	13.46	-	570.65	565.07	591.85	601.66	-
Construction machinery .....	3531	13.46	13.54	13.76	13.91	-	600.32	591.70	608.19	617.60	-
Mining machinery .....	3532	13.69	13.92	14.42	14.59	-	576.35	569.33	637.36	653.63	-
Oil and gas field machinery .....	3533	12.49	12.43	13.09	13.18	-	594.52	585.45	620.47	647.14	-
Conveyors and conveying equipment .....	3535	12.79	12.87	13.36	13.47	-	537.18	536.68	573.14	576.52	-
Industrial trucks and tractors .....	3537	12.01	11.84	12.31	12.26	-	498.42	486.62	510.87	508.79	-
Metalworking machinery .....	354	14.28	14.23	14.79	14.82	-	624.04	611.89	658.16	659.49	-
Machine tools, metal cutting types .....	3541	14.40	14.30	14.57	14.66	-	648.00	627.77	640.02	655.30	-
Machine tools, metal forming types .....	3542	14.68	14.58	15.12	15.07	-	667.94	644.44	704.59	700.76	-
Special dies, tools, jigs, and fixtures .....	3544	14.83	14.79	15.49	15.54	-	648.07	638.93	692.40	696.19	-
Machine tool accessories .....	3545	12.60	12.59	13.05	13.05	-	550.62	541.37	576.81	575.51	-
Power driven handtools .....	3546	12.09	12.07	12.32	12.22	-	494.48	484.01	506.35	509.57	-
Special industry machinery .....	355	13.93	13.96	14.46	14.54	-	597.60	590.51	621.78	633.94	-
Textile machinery .....	3552	11.93	11.92	12.56	12.63	-	503.45	482.76	519.98	525.41	-
Printing trades machinery .....	3555	15.40	15.35	15.54	15.49	-	652.96	643.17	641.80	650.58	-
Food products machinery .....	3556	13.74	13.77	14.04	14.17	-	582.58	574.21	592.49	597.97	-
General industrial machinery .....	356	13.11	13.27	13.65	13.69	-	561.11	558.67	591.05	595.52	-
Pumps and pumping equipment .....	3561	14.05	14.08	14.64	14.44	-	601.34	587.14	628.06	625.25	-
Ball and roller bearings .....	3562	13.86	14.36	14.80	15.04	-	612.61	617.48	663.04	676.80	-
Air and gas compressors .....	3563	13.51	13.66	13.92	14.05	-	607.95	596.94	599.95	613.99	-
Blowers and fans .....	3564	10.92	10.87	11.33	11.34	-	457.55	451.11	482.66	484.22	-
Speed changers, drives, and gears .....	3566	14.28	14.34	14.36	14.50	-	621.18	609.45	636.15	635.10	-
Power transmission equipment, nec .....	3568	12.84	12.81	13.16	13.19	-	531.58	521.37	559.30	563.21	-
Computer and office equipment .....	357	13.67	13.77	14.14	14.16	-	593.28	579.72	602.36	603.22	-
Electronic computers .....	3571	15.02	15.21	15.35	15.26	-	671.39	649.47	646.24	637.87	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	13.49	13.66	13.45	13.54	-	554.44	546.40	559.52	572.74	-
Refrigeration and service machinery .....	358	11.98	12.11	12.43	12.63	-	525.92	531.63	532.00	550.67	-
Refrigeration and heating equipment .....	3585	12.20	12.35	12.74	12.98	-	544.12	549.58	549.09	572.42	-
Misc. industrial and commercial machinery .....	359	12.98	13.04	13.53	13.53	-	556.84	554.20	585.85	588.56	-
Carburetors, pistons, rings, valves .....	3592	13.78	14.08	14.25	14.29	-	582.89	592.77	607.05	604.47	-
Scales, balances, and industrial machinery, nec .....	3596,9	12.74	12.79	13.32	13.31	-	546.55	544.85	575.42	577.65	-
Electronic and other electrical equipment .....	36	11.91	12.00	12.41	12.50	12.57	493.07	488.40	517.50	526.25	526.68
Electric distribution equipment .....	361	11.67	11.65	12.39	12.47	-	477.30	466.00	512.95	517.51	-
Transformers, except electronic .....	3612	10.93	10.99	11.38	11.52	-	449.22	439.60	472.27	480.38	-
Switchgear and switchboard apparatus .....	3613	12.47	12.35	13.39	13.36	-	508.78	492.77	551.67	552.59	-
Electrical industrial apparatus .....	362	11.31	11.35	11.93	12.03	-	470.50	467.62	495.10	505.26	-
Motors and generators .....	3621	10.66	10.70	11.23	11.29	-	444.52	441.91	467.17	474.18	-
Relays and industrial controls .....	3625	12.58	12.61	13.26	13.45	-	514.52	511.97	534.38	554.14	-
Household appliances .....	363	11.75	11.84	12.16	12.37	-	480.57	490.73	480.32	496.04	-
Household refrigerators and freezers .....	3632	13.51	13.90	13.69	13.82	-	553.91	617.16	516.56	526.54	-
Household laundry equipment .....	3633	13.65	13.56	13.94	14.35	-	522.80	519.35	535.30	591.22	-
Electric housewares and fans .....	3634	9.45	9.58	9.89	10.19	-	378.95	373.62	398.57	413.71	-
Electric lighting and wiring equipment .....	364	11.89	12.15	12.63	12.67	-	487.49	494.51	526.67	534.67	-
Electric lamps .....	3641	13.66	13.79	15.24	15.38	-	590.11	598.49	673.61	681.33	-
Current-carrying wiring devices .....	3643	11.86	12.08	12.69	12.73	-	483.89	473.54	522.83	537.21	-
Noncurrent-carrying wiring devices .....	3644	11.14	11.10	11.55	11.51	-	463.42	466.20	481.64	478.82	-
Residential lighting fixtures .....	3645	8.75	8.96	9.07	9.03	-	336.00	340.48	361.89	351.27	-
Household audio and video equipment .....	365	10.47	10.62	10.52	10.61	-	425.08	430.11	422.90	446.68	-
Household audio and video equipment .....	3651	10.82	10.84	10.30	10.43	-	432.80	434.68	420.24	435.97	-
Communications equipment .....	366	12.27	12.18	13.57	13.78	-	530.06	517.65	568.58	582.89	-
Telephone and telegraph apparatus .....	3661	13.56	13.47	14.67	15.04	-	603.42	584.60	636.68	666.27	-
Electronic components and accessories .....	367	11.92	11.99	12.08	12.19	-	489.91	477.20	514.61	521.73	-
Electron tubes .....	3671	13.48	13.60	13.76	13.76	-	537.85	519.52	562.78	553.15	-
Semiconductors and related devices .....	3674	15.57	15.66	15.34	15.46	-	630.59	623.27	665.76	672.51	-
Electronic components, nec .....	3679	9.90	9.92	10.30	10.42	-	409.86	395.81	432.60	443.89	-
Misc. electrical equipment and supplies .....	369	13.02	13.18	13.46	13.35	-	545.54	546.97	563.97	556.70	-
Storage batteries .....	3691	14.04	14.18	14.78	14.70	-	589.68	562.95	628.15	599.76	-
Engine electrical equipment .....	3694	13.43	13.71	13.65	13.51	-	561.37	579.93	574.67	568.77	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	42.3	44.1	44.3	44.9	44.6	4.9	5.9	6.3	6.7	-
Motor vehicles and equipment .....	371	42.3	45.4	45.0	45.8	45.3	5.1	6.8	6.7	7.2	-
Motor vehicles and car bodies .....	3711	41.8	45.9	45.4	46.0	-	5.2	6.8	7.0	7.5	-
Truck and bus bodies .....	3713	41.7	44.7	43.3	44.8	-	3.7	6.3	5.0	5.6	-
Motor vehicle parts and accessories .....	3714	42.8	45.8	45.4	46.2	-	5.3	7.2	7.0	7.6	-
Truck trailers .....	3715	40.1	38.3	40.0	40.7	-	2.6	2.4	3.3	3.7	-
Aircraft and parts .....	372	42.9	41.9	44.5	44.7	-	5.2	4.8	7.2	7.2	-
Aircraft .....	3721	41.3	40.2	44.1	44.3	-	4.1	3.5	7.5	7.5	-
Aircraft engines and engine parts .....	3724	45.1	44.1	44.5	44.8	-	6.3	5.8	6.4	6.7	-
Aircraft parts and equipment, nec .....	3728	43.4	42.6	45.0	45.3	-	6.0	5.8	7.3	7.1	-
Ship and boat building and repairing .....	373	42.3	41.8	41.1	42.3	-	4.6	4.2	4.2	4.4	-
Ship building and repairing .....	3731	43.8	42.9	42.5	44.0	-	5.6	4.9	5.1	5.3	-
Boat building and repairing .....	3732	40.1	40.1	39.1	39.8	-	3.1	3.1	2.6	3.2	-
Railroad equipment .....	374	43.7	44.1	43.9	43.9	-	4.5	4.6	4.6	4.6	-
Guided missiles, space vehicles, and parts .....	376	42.1	42.0	43.4	43.6	-	4.2	3.7	4.5	4.4	-
Guided missiles and space vehicles .....	3761	41.8	42.1	43.8	43.9	-	4.5	4.1	4.7	4.4	-
Misc. transportation equipment .....	379	40.4	39.7	40.4	39.9	-	2.8	2.7	3.4	3.4	-
Travel trailers and campers .....	3792	39.5	39.2	38.0	38.0	-	2.1	2.2	1.7	2.3	-
<b>Instruments and related products</b>											
Search and navigation equipment .....	38	41.9	41.3	42.0	42.2	41.8	3.7	3.4	3.6	4.1	-
Search and navigation equipment .....	381	43.0	42.0	43.9	43.8	-	3.5	3.1	4.1	4.1	-
Measuring and controlling devices .....	382	42.4	41.8	42.1	42.4	-	3.5	3.1	3.5	3.7	-
Environmental controls .....	3822	43.4	42.0	42.1	41.9	-	3.8	3.2	3.6	3.5	-
Process control instruments .....	3823	42.3	41.9	42.0	42.6	-	3.8	3.4	3.7	4.1	-
Instruments to measure electricity .....	3825	42.1	41.8	41.7	41.9	-	2.9	2.8	3.2	3.4	-
Medical instruments and supplies .....	384	41.1	40.4	41.6	41.6	-	3.3	2.8	3.3	3.6	-
Surgical and medical instruments .....	3841	41.1	39.9	41.9	41.8	-	3.6	3.0	3.6	4.0	-
Surgical appliances and supplies .....	3842	40.4	40.4	40.9	40.8	-	3.1	2.9	3.3	3.5	-
Ophthalmic goods .....	385	40.3	40.2	40.2	40.6	-	2.2	2.1	2.4	2.4	-
Photographic equipment and supplies .....	386	42.9	43.7	43.5	43.8	-	7.9	8.2	8.2	8.8	-
Watches, clocks, watchcases, and parts .....	387	38.1	38.8	37.8	38.9	-	1.8	1.9	1.7	1.9	-
<b>Miscellaneous manufacturing industries</b>											
Jewelry, silverware, and plated ware .....	39	39.8	39.4	40.1	40.4	40.2	3.0	3.0	3.0	3.2	-
Jewelry, precious metal .....	391	38.5	38.0	38.4	39.3	-	2.1	2.0	1.9	2.3	-
Jewelry, precious metal .....	3911	37.5	37.0	37.6	38.7	-	1.7	1.6	1.9	2.4	-
Musical instruments .....	393	42.6	40.8	41.6	42.3	-	3.9	3.5	2.5	3.1	-
Toys and sporting goods .....	394	39.9	39.6	40.0	40.5	-	2.9	3.1	2.7	3.3	-
Dolls, games, toys, and children's vehicles .....	3942,4	38.9	37.4	37.8	38.1	-	2.0	2.0	1.7	2.0	-
Sporting and athletic goods, nec .....	3949	40.4	40.7	41.2	41.6	-	3.4	3.6	3.2	3.9	-
Pens, pencils, office, and art supplies .....	395	39.0	38.1	40.8	40.4	-	2.2	2.1	3.4	3.0	-
Costume jewelry and notions .....	396	38.4	37.9	39.5	39.8	-	2.4	2.5	2.7	2.8	-
Costume jewelry .....	3961	38.2	37.1	39.8	39.8	-	2.3	2.3	2.4	2.3	-
Miscellaneous manufactures .....	399	40.3	40.0	40.8	40.6	-	3.5	3.4	3.6	3.5	-
Signs and advertising specialties .....	3993	40.5	40.5	40.8	41.4	-	3.7	3.8	3.7	4.0	-
<b>Nondurable goods</b> .....		40.3	40.0	40.4	40.7	40.6	3.8	3.8	4.0	4.2	4.1
<b>Food and kindred products</b>											
Meat products .....	20	40.5	40.2	40.7	40.7	40.6	4.2	4.2	4.5	4.5	-
Meat products .....	201	39.5	39.1	39.7	39.6	-	3.6	3.4	3.7	3.6	-
Meat packing plants .....	2011	41.6	40.7	41.4	41.4	-	4.5	3.7	4.1	4.3	-
Sausages and other prepared meats .....	2013	41.8	41.2	40.5	41.0	-	5.2	5.0	4.3	5.0	-
Poultry slaughtering and processing .....	2015	37.5	37.5	38.5	38.0	-	2.5	2.6	3.3	2.8	-
Dairy products .....	202	42.1	41.6	42.1	42.2	-	5.0	4.8	4.7	5.0	-
Cheese, natural and processed .....	2022	41.7	40.8	41.8	41.7	-	4.7	4.2	4.0	4.5	-
Fluid milk .....	2026	41.7	41.4	42.4	42.1	-	4.4	4.4	4.6	4.7	-
Preserved fruits and vegetables .....	203	40.3	40.3	40.4	39.6	-	3.8	4.1	4.3	4.0	-
Canned specialties .....	2032	41.5	40.5	39.9	38.8	-	3.8	4.1	4.4	4.4	-
Canned fruits and vegetables .....	2033	39.8	39.2	39.5	39.3	-	3.1	3.2	3.1	3.4	-
Frozen fruits and vegetables .....	2037	37.5	39.6	40.0	39.0	-	2.1	3.6	3.6	3.9	-
Grain mill products .....	204	43.9	44.2	45.2	45.5	-	6.2	6.7	6.7	6.8	-
Flour and other grain mill products .....	2041	44.7	44.7	43.7	45.3	-	6.0	6.3	5.6	6.3	-
Prepared feeds, nec .....	2048	43.2	43.6	44.6	44.3	-	6.4	6.4	6.3	6.2	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	\$16.69	\$17.27	\$17.43	\$17.54	\$17.55	\$705.99	\$761.61	\$772.15	\$787.55	\$782.73
Motor vehicles and equipment .....	371	17.11	17.97	17.96	18.08	18.13	723.75	815.84	808.20	828.06	821.29
Motor vehicles and car bodies .....	3711	20.44	21.04	21.34	21.56	-	854.39	965.74	968.84	991.76	-
Truck and bus bodies .....	3713	13.83	14.89	15.62	15.18	-	576.71	665.58	676.35	680.06	-
Motor vehicle parts and accessories .....	3714	15.88	16.66	16.54	16.63	-	679.66	763.03	750.92	768.31	-
Truck trailers .....	3715	10.75	10.87	11.12	11.30	-	431.08	416.32	444.80	459.91	-
Aircraft and parts .....	372	18.46	18.41	18.68	18.74	-	791.93	771.38	831.26	837.68	-
Aircraft .....	3721	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-	-	-	-	( <sup>1</sup> )	
Aircraft engines and engine parts .....	3724	\$17.90	\$18.13	\$18.13	\$18.32	-	\$807.29	\$799.53	\$806.79	\$820.74	-
Aircraft parts and equipment, nec .....	3728	16.26	16.20	16.47	16.38	-	705.68	690.12	741.15	742.01	-
Ship and boat building and repairing .....	373	12.84	12.78	12.94	13.14	-	543.13	534.20	531.83	555.82	-
Ship building and repairing .....	3731	14.33	14.26	14.30	14.56	-	627.65	611.75	607.75	640.64	-
Boat building and repairing .....	3732	10.32	10.33	10.71	10.87	-	413.83	414.23	418.76	432.63	-
Railroad equipment .....	374	15.60	15.97	16.83	16.78	-	681.72	704.28	738.84	736.64	-
Guided missiles, space vehicles, and parts .....	376	18.27	18.30	19.60	19.60	-	769.17	768.60	850.64	854.56	-
Guided missiles and space vehicles .....	3761	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-	-	-	-	-	
Misc. transportation equipment .....	379	\$11.56	\$11.65	\$11.50	\$11.48	-	\$467.02	\$462.51	\$464.60	\$458.05	-
Travel trailers and campers .....	3792	12.00	12.01	11.30	11.31	-	474.00	470.79	429.40	429.78	-
<b>Instruments and related products</b>											
Search and navigation equipment .....	38	12.97	13.03	13.38	13.46	13.45	543.44	538.14	561.98	568.01	562.21
Search and navigation equipment .....	381	16.47	16.64	18.74	18.66	-	708.21	698.88	734.89	738.47	-
Measuring and controlling devices .....	382	12.86	12.90	13.37	13.41	-	545.26	539.22	562.88	568.58	-
Environmental controls .....	3822	11.65	11.72	11.49	11.65	-	505.61	492.24	483.73	488.14	-
Process control instruments .....	3823	12.54	12.54	13.14	13.11	-	530.44	525.43	551.88	558.49	-
Instruments to measure electricity .....	3825	14.58	14.54	15.50	15.46	-	613.82	607.77	646.33	647.77	-
Medical instruments and supplies .....	384	11.97	12.03	12.35	12.46	-	491.97	486.01	513.78	518.34	-
Surgical and medical instruments .....	3841	11.62	11.67	11.68	11.63	-	477.58	465.63	489.39	486.13	-
Surgical appliances and supplies .....	3842	11.02	11.09	11.42	11.61	-	445.21	448.04	467.08	473.69	-
Ophthalmic goods .....	385	9.29	9.41	10.13	10.21	-	374.39	378.28	407.23	414.53	-
Photographic equipment and supplies .....	386	15.58	15.63	15.97	15.98	-	668.38	683.03	694.70	696.73	-
Watches, clocks, watchcases, and parts .....	387	9.56	9.61	9.61	9.66	-	373.80	372.87	361.34	363.55	-
<b>Miscellaneous manufacturing industries</b>											
Jewelry, silverware, and plated ware .....	39	10.25	10.35	10.57	10.56	10.56	407.95	407.79	423.86	426.62	424.51
Jewelry, silverware, and plated ware .....	391	10.49	10.55	10.98	10.90	-	403.87	400.90	421.63	428.37	-
Jewelry, precious metal .....	3911	10.56	10.65	11.13	11.04	-	398.00	394.05	418.49	427.25	-
Musical instruments .....	393	10.61	10.59	10.55	10.65	-	451.99	429.95	438.88	450.50	-
Toys and sporting goods .....	394	9.64	9.73	9.96	10.08	-	384.64	365.31	398.40	408.24	-
Dolls, games, toys, and children's vehicles .....	3942,4	9.29	9.37	9.38	9.56	-	361.38	350.44	354.56	364.24	-
Sporting and athletic goods, nec .....	3949	9.80	9.89	10.23	10.31	-	395.92	402.52	421.48	428.90	-
Pens, pencils, office, and art supplies .....	395	10.88	10.94	10.93	10.92	-	424.32	416.81	443.78	441.17	-
Costume jewelry and notions .....	396	9.11	9.22	9.21	9.13	-	349.82	349.44	363.80	363.37	-
Costume jewelry .....	3961	7.99	8.21	7.90	7.95	-	305.22	304.59	312.64	314.82	-
Miscellaneous manufactures .....	399	10.67	10.79	11.04	10.96	-	430.00	431.60	448.22	444.98	-
Signs and advertising specialties .....	3993	11.02	11.14	11.44	11.37	-	446.31	451.17	466.75	470.72	-
<b>Nondurable goods</b>											
Food and kindred products .....	20	11.11	11.21	11.34	11.43	11.47	449.98	450.64	481.54	465.20	465.68
Meat products .....	201	9.00	9.04	9.24	9.25	-	355.50	353.46	366.83	366.30	-
Meat packing plants .....	2011	9.67	9.67	9.98	9.98	-	402.27	393.57	413.17	413.17	-
Sausages and other prepared meats .....	2013	10.35	10.39	10.58	10.76	-	432.83	428.07	428.49	441.16	-
Poultry slaughtering and processing .....	2015	8.08	8.15	8.30	8.24	-	303.00	305.63	319.55	313.12	-
Dairy products .....	202	12.63	12.60	13.05	13.01	-	531.72	526.68	549.41	549.02	-
Cheese, natural and processed .....	2022	11.42	11.41	11.90	11.81	-	476.21	465.53	495.04	492.48	-
Fluid milk .....	2026	13.34	13.30	13.70	13.68	-	556.28	550.62	580.88	575.93	-
Preserved fruits and vegetables .....	203	10.78	10.88	10.87	11.02	-	434.43	438.46	439.15	436.39	-
Canned specialties .....	2032	14.06	13.97	13.66	13.97	-	583.49	565.79	545.03	542.04	-
Canned fruits and vegetables .....	2033	11.66	11.78	11.88	12.06	-	461.74	461.78	469.26	473.96	-
Frozen fruits and vegetables .....	2037	10.30	10.36	10.28	10.40	-	386.25	410.26	411.20	405.60	-
Grain mill products .....	204	13.63	13.68	14.06	14.14	-	598.36	604.66	635.51	643.37	-
Flour and other grain mill products .....	2041	11.99	11.97	12.33	12.36	-	535.95	535.06	538.82	559.91	-
Prepared feeds, nec .....	2048	10.95	11.09	11.15	11.15	-	473.04	483.52	497.29	493.95	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	39.8	39.7	39.7	40.2	-	4.5	4.5	4.1	4.6	-
Bread, cake, and related products .....	2051	39.9	39.9	39.5	39.8	-	4.9	4.9	4.3	4.4	-
Cookies, crackers, and frozen bakery products, except bread .....	2052.3	39.7	39.5	40.1	40.9	-	3.8	3.7	3.9	5.0	-
Sugar and confectionery products .....	206	39.9	39.1	40.2	39.9	-	3.5	3.4	3.7	3.6	-
Raw cane sugar .....	2061	45.0	38.5	51.6	45.2	-	9.3	3.8	13.4	9.3	-
Cane sugar refining .....	2062	45.8	46.7	46.0	46.2	-	11.4	12.4	9.9	9.7	-
Beet sugar .....	2063	41.0	41.2	43.2	42.1	-	2.6	4.0	3.8	3.1	-
Candy and other confectionery products .....	2064	38.7	38.2	38.5	38.4	-	2.6	2.9	2.5	2.6	-
Fats and oils .....	207	45.9	45.7	42.6	42.5	-	6.9	7.0	5.8	5.9	-
Beverages .....	208	42.7	42.5	41.5	43.2	-	5.1	5.2	4.1	5.2	-
Malt beverages .....	2082	47.3	47.4	44.1	46.8	-	7.5	8.1	6.5	7.5	-
Bottled and canned soft drinks .....	2086	41.5	41.7	40.9	42.9	-	4.6	4.6	3.6	5.4	-
Misc. food and kindred products .....	209	39.4	38.5	40.9	40.1	-	4.2	3.7	6.3	5.3	-
Tobacco products .....	21	39.5	39.4	39.1	39.1	38.7	5.3	5.6	3.3	3.0	-
Cigarettes .....	211	40.5	40.9	39.1	39.1	-	6.9	7.3	4.0	3.3	-
Textile mill products .....	22	40.7	40.1	40.3	41.2	41.3	4.0	4.1	4.2	4.5	-
Broadwoven fabric mills, cotton .....	221	41.9	41.4	39.7	40.5	-	5.5	5.9	4.6	4.7	-
Broadwoven fabric mills, synthetics .....	222	40.8	40.2	40.1	40.8	-	4.1	4.0	4.4	4.7	-
Broadwoven fabric mills, wool .....	223	43.5	41.9	40.6	42.2	-	6.5	5.8	5.0	6.0	-
Narrow fabric mills .....	224	38.9	38.5	39.3	40.3	-	2.3	2.2	3.0	3.2	-
Knitting mills .....	225	38.7	38.1	38.9	40.1	-	2.9	2.8	3.1	3.5	-
Women's hosiery, except socks .....	2251	39.3	37.3	38.4	38.8	-	2.3	1.8	2.8	2.8	-
Hosiery, nec .....	2252	37.0	35.8	37.2	38.3	-	2.6	2.4	2.6	3.1	-
Knit outerwear mills .....	2253	39.7	40.0	38.5	39.8	-	2.9	3.1	2.5	3.0	-
Knit underwear mills .....	2254	36.1	34.8	38.2	39.3	-	1.9	1.1	2.4	2.5	-
Weft knit fabric mills .....	2257	40.5	40.2	42.3	44.2	-	5.1	4.9	5.6	6.2	-
Textile finishing, except wool .....	226	42.8	42.1	42.0	43.2	-	4.9	5.4	5.1	5.9	-
Finishing plants, cotton .....	2261	43.5	43.7	42.8	43.8	-	5.0	6.3	5.3	8.2	-
Finishing plants, synthetics .....	2262	41.9	39.8	41.7	42.1	-	4.9	4.2	4.9	5.1	-
Carpets and rugs .....	227	42.1	41.8	42.3	41.7	-	5.0	4.8	5.4	4.7	-
Yarn and thread mills .....	228	40.6	40.1	40.5	41.8	-	3.8	3.9	4.2	4.8	-
Yarn spinning mills .....	2281	41.5	40.7	41.3	42.4	-	4.1	4.2	4.5	4.8	-
Throwing and winding mills .....	2282	36.9	37.4	37.0	38.8	-	2.8	2.9	2.9	3.4	-
Miscellaneous textile goods .....	229	41.8	40.7	42.3	43.2	-	4.0	3.8	4.9	5.1	-
Apparel and other textile products .....	23	37.0	36.4	36.8	37.5	37.2	1.9	1.8	2.0	2.2	-
Men's and boys' suits and coats .....	231	35.7	35.5	37.3	37.5	-	.9	.8	1.5	1.5	-
Men's and boys' furnishings .....	232	36.3	35.4	36.2	36.7	-	1.2	1.2	1.3	1.4	-
Men's and boys' shirts .....	2321	35.7	34.9	35.5	36.0	-	1.2	1.3	1.2	1.4	-
Men's and boys' trousers and slacks .....	2325	35.2	35.1	35.9	36.4	-	.7	.8	1.2	1.3	-
Men's and boys' work clothing .....	2326	36.9	35.4	36.2	36.6	-	1.3	1.1	1.4	1.4	-
Women's and misses' outerwear .....	233	36.1	35.4	35.6	35.9	-	1.8	1.5	1.6	1.9	-
Women's and misses' blouses and shirts .....	2331	35.0	33.7	35.3	35.3	-	1.2	.8	1.4	1.3	-
Women's, juniors', and misses' dresses .....	2335	37.2	37.6	37.2	37.6	-	2.2	2.2	2.2	2.3	-
Women's and misses' suits and coats .....	2337	35.0	34.7	34.0	34.1	-	1.6	1.6	1.5	1.3	-
Women's and misses' outerwear, nec .....	2339	36.2	35.2	35.5	35.9	-	1.8	1.5	1.6	1.9	-
Women's and children's undergarments .....	234	36.2	35.0	37.3	37.8	-	1.3	1.4	2.0	2.3	-
Women's and children's underwear .....	2341	36.0	34.4	36.5	36.5	-	1.2	1.0	1.6	1.5	-
Brassieres, girdles, and allied garments .....	2342	36.8	37.1	40.1	41.7	-	1.8	2.9	3.4	4.8	-
Girls' and children's outerwear .....	236	36.9	36.3	37.1	36.6	-	2.1	1.9	2.1	2.3	-
Girls' and children's dresses and blouses .....	2361	35.7	35.3	37.7	36.4	-	2.3	1.8	3.0	3.1	-
Misc. apparel and accessories .....	238	38.3	37.3	37.7	38.5	-	1.7	1.5	1.8	2.4	-
Misc. fabricated textile products .....	239	38.9	38.9	38.6	40.0	-	3.0	3.1	3.3	3.7	-
Curtains and draperies .....	2391	38.0	37.7	37.4	39.0	-	1.6	1.8	1.3	2.4	-
House furnishings, nec .....	2392	38.6	37.8	37.5	38.9	-	2.9	2.6	2.8	3.5	-
Automotive and apparel trimmings .....	2396	39.7	40.1	41.0	42.6	-	3.2	3.3	5.0	5.2	-
Paper and allied products .....	26	42.8	42.9	43.3	43.6	43.5	5.0	5.4	5.1	5.5	-
Paper mills .....	262	44.8	45.4	45.5	45.6	-	5.9	6.7	6.4	6.9	-
Paperboard mills .....	263	45.0	45.5	44.7	44.7	-	7.5	8.0	7.0	7.4	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	\$12.06	\$12.26	\$12.31	\$12.47	-	\$479.99	\$488.72	\$488.71	\$501.29	-
Bread, cake, and related products .....	2051	12.28	12.42	12.41	12.48	-	489.97	495.56	490.20	498.70	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	11.66	11.96	12.12	12.45	-	462.90	472.42	486.01	509.21	-
Sugar and confectionery products .....	206	12.15	12.55	12.44	12.74	-	484.79	490.71	500.09	508.33	-
Raw cane sugar .....	2061	11.86	11.83	12.43	12.42	-	533.70	447.76	641.39	561.38	-
Cane sugar refining .....	2062	17.66	18.03	17.55	17.60	-	808.83	842.00	807.30	813.12	-
Beet sugar .....	2063	13.48	14.01	13.59	13.71	-	552.68	577.21	587.09	577.19	-
Candy and other confectionery products .....	2064	10.88	11.39	11.34	11.72	-	421.06	435.10	436.59	450.05	-
Fats and oils .....	207	11.84	11.92	12.33	12.49	-	543.48	544.74	525.26	530.83	-
Beverages .....	208	15.60	15.56	15.75	15.89	-	666.12	661.30	653.63	686.45	-
Malt beverages .....	2082	21.30	21.15	21.50	21.85	-	1,007.49	1,002.51	948.15	1,022.58	-
Bottled and canned soft drinks .....	2086	12.65	12.74	13.25	13.28	-	524.98	531.26	541.93	569.71	-
Misc. food and kindred products .....	209	10.10	10.17	10.09	10.03	-	397.94	391.55	412.68	402.20	-
Tobacco products .....	21	19.55	20.55	18.79	19.67	\$20.52	772.23	809.67	734.69	769.10	\$794.12
Cigarettes .....	211	24.22	24.59	24.62	24.73	-	980.91	1,005.73	962.64	966.94	-
Textile mill products .....	22	9.55	9.65	9.89	9.91	9.93	388.89	386.97	398.57	408.29	410.11
Broadwoven fabric mills, cotton .....	221	9.97	10.13	10.21	10.26	-	417.74	419.38	405.34	415.53	-
Broadwoven fabric mills, synthetics .....	222	10.49	10.60	10.86	10.94	-	427.99	426.12	435.49	446.35	-
Broadwoven fabric mills, wool .....	223	9.97	9.97	10.39	10.45	-	433.70	417.74	421.83	440.99	-
Narrow fabric mills .....	224	8.93	9.03	9.21	9.23	-	347.38	347.66	361.95	371.97	-
Knitting mills .....	225	8.75	8.81	9.05	9.07	-	338.63	335.66	352.05	363.71	-
Women's hosiery, except socks .....	2251	8.08	8.06	8.43	8.44	-	317.54	300.64	323.71	327.47	-
Hosiery, nec .....	2252	8.64	8.76	8.95	9.06	-	319.68	313.61	332.94	347.00	-
Knit outerwear mills .....	2253	8.24	8.26	8.50	8.50	-	327.13	330.40	327.25	338.30	-
Knit underwear mills .....	2254	8.93	8.74	9.12	9.01	-	322.37	302.40	348.38	354.09	-
Weft knit fabric mills .....	2257	9.59	9.65	9.96	9.92	-	388.40	387.93	421.31	438.46	-
Textile finishing, except wool .....	226	9.72	9.83	10.07	10.17	-	416.02	413.84	422.94	439.34	-
Finishing plants, cotton .....	2261	9.63	9.69	9.95	10.07	-	418.91	423.45	425.86	441.07	-
Finishing plants, synthetics .....	2262	10.20	10.37	10.44	10.55	-	427.38	412.73	435.35	444.16	-
Carpets and rugs .....	227	9.56	9.60	9.92	9.92	-	402.48	401.28	419.62	413.66	-
Yarn and thread mills .....	228	9.34	9.46	9.61	9.63	-	379.20	379.35	389.21	402.53	-
Yarn spinning mills .....	2281	9.34	9.46	9.63	9.63	-	387.61	385.02	397.72	408.31	-
Throwing and winding mills .....	2282	9.49	9.73	9.67	9.78	-	350.18	363.90	357.79	377.51	-
Miscellaneous textile goods .....	229	10.84	11.02	11.52	11.44	-	450.94	448.51	487.30	494.21	-
Apparel and other textile products .....	23	7.85	7.94	8.18	8.23	8.22	290.45	289.02	301.02	308.63	305.78
Men's and boys' suits and coats .....	231	8.16	8.23	8.38	8.33	-	291.31	292.17	312.57	312.38	-
Men's and boys' furnishings .....	232	7.34	7.40	7.61	7.68	-	266.44	261.96	275.48	281.86	-
Men's and boys' shirts .....	2321	7.16	7.22	7.53	7.58	-	255.61	251.98	267.32	272.88	-
Men's and boys' trousers and slacks .....	2325	7.33	7.41	7.63	7.79	-	258.02	260.09	273.92	283.56	-
Men's and boys' work clothing .....	2326	7.28	7.40	7.59	7.63	-	268.63	261.96	274.76	279.26	-
Women's and misses' outerwear .....	233	7.49	7.46	7.69	7.76	-	270.39	264.08	273.76	278.58	-
Women's and misses' blouses and shirts .....	2331	6.49	6.50	6.91	6.82	-	227.15	219.05	243.92	240.75	-
Women's, juniors', and misses' dresses .....	2335	8.31	8.29	8.66	8.80	-	309.13	311.70	322.15	330.88	-
Women's and misses' suits and coats .....	2337	8.04	7.89	7.86	7.81	-	281.40	273.78	267.24	266.32	-
Women's and misses' outerwear, nec .....	2339	7.32	7.29	7.53	7.62	-	264.98	256.61	267.32	273.56	-
Women's and children's undergarments .....	234	7.49	7.56	7.74	7.76	-	271.14	264.60	288.70	293.33	-
Women's and children's underwear .....	2341	7.30	7.35	7.59	7.63	-	262.80	252.84	277.04	278.50	-
Brassieres, girdles, and allied garments .....	2342	8.12	8.21	8.18	8.12	-	298.82	304.59	328.02	338.60	-
Girls' and children's outerwear .....	236	7.02	7.04	7.30	7.49	-	259.04	255.55	270.83	274.13	-
Girls' and children's dresses and blouses .....	2361	7.05	6.97	7.27	7.40	-	251.69	246.04	274.08	269.36	-
Misc. apparel and accessories .....	238	7.30	7.35	7.71	7.85	-	279.59	274.16	290.67	302.23	-
Misc. fabricated textile products .....	239	9.03	9.24	9.50	9.47	-	351.27	359.44	366.70	378.80	-
Curtains and draperies .....	2391	7.61	7.72	7.88	7.93	-	289.18	291.04	294.71	309.27	-
House furnishings, nec .....	2392	8.27	8.36	8.50	8.51	-	319.22	316.01	318.75	331.04	-
Automotive and apparel trimmings .....	2396	11.48	12.04	12.26	12.12	-	455.76	482.80	502.66	516.31	-
Paper and allied products .....	26	14.45	14.61	14.79	14.94	15.01	618.46	626.77	640.41	651.38	652.94
Paper mills .....	262	18.09	18.25	18.57	18.78	-	810.43	828.55	844.94	856.37	-
Paperboard mills .....	263	18.30	18.69	18.65	18.81	-	823.50	850.40	833.66	840.81	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	42.4	42.5	42.3	42.7	-	4.7	5.2	4.6	4.9	-
Corrugated and solid fiber boxes .....	2653	42.6	42.9	42.4	43.1	-	4.8	5.4	4.6	5.0	-
Sanitary food containers .....	2656	42.2	42.7	40.8	41.5	-	4.8	5.4	4.1	4.8	-
Folding paperboard boxes .....	2657	42.9	42.3	42.8	42.8	-	5.2	5.3	5.2	5.5	-
Misc. converted paper products .....	267	41.3	41.0	42.2	42.5	-	3.9	3.9	4.3	4.5	-
Paper, coated and laminated, nec .....	2672	42.3	42.3	44.2	44.7	-	3.3	3.5	3.9	4.4	-
Bags: plastics, laminated, and coated .....	2673	41.8	40.7	42.4	42.4	-	4.9	4.6	4.9	4.7	-
Envelopes .....	2677	40.9	41.2	41.4	42.3	-	3.1	3.4	3.8	4.3	-
Printing and publishing											
Newspapers .....	271	32.5	32.8	33.1	33.4	-	1.2	1.1	1.1	1.3	-
Periodicals .....	272	35.6	36.9	37.7	36.7	-	2.1	2.8	3.3	2.7	-
Books .....	273	40.6	39.7	38.0	39.6	-	4.6	3.4	3.5	4.0	-
Book publishing .....	2731	39.3	38.2	36.2	37.2	-	3.5	2.8	2.8	3.3	-
Book printing .....	2732	42.1	41.4	40.0	42.1	-	5.9	4.0	4.3	4.8	-
Miscellaneous publishing .....	274	36.3	35.5	36.3	36.3	-	2.0	1.5	2.1	2.0	-
Commercial printing .....	275	39.8	39.3	39.6	40.4	-	3.7	3.5	3.7	4.4	-
Commercial printing, lithographic .....	2752	39.8	39.1	39.6	40.5	-	3.7	3.4	3.7	4.5	-
Commercial printing, nec .....	2759	40.1	39.9	39.4	40.2	-	3.9	3.8	3.6	4.1	-
Manifold business forms .....	276	41.0	41.5	41.5	41.4	-	3.3	3.6	3.4	3.3	-
Blankbooks and bookbinding .....	278	39.5	39.2	39.2	40.4	-	2.4	2.3	2.3	3.0	-
Printing trade services .....	279	39.7	39.0	39.6	40.1	-	4.3	3.6	4.2	4.7	-
Chemicals and allied products											
Industrial inorganic chemicals .....	281	46.3	45.9	48.7	46.2	-	5.8	5.5	6.1	5.8	-
Industrial inorganic chemicals, nec .....	2819	46.1	45.8	47.0	46.6	-	5.8	5.7	6.0	5.7	-
Plastics materials and synthetics .....	282	43.6	43.8	43.4	43.2	-	5.2	5.5	5.5	5.4	-
Plastics materials and resins .....	2821	44.5	44.5	45.4	45.3	-	5.7	6.2	5.7	5.6	-
Organic fibers, noncellulosic .....	2824	44.8	45.7	41.1	41.0	-	4.8	4.7	5.0	5.0	-
Drugs .....	283	41.3	40.9	41.6	41.9	-	4.0	4.0	4.6	5.0	-
Pharmaceutical preparations .....	2834	41.1	40.7	41.6	41.9	-	3.7	3.7	4.7	4.9	-
Soap, cleaners, and toilet goods .....	284	40.4	39.5	40.4	40.9	-	3.4	2.8	3.1	3.3	-
Soap and other detergents .....	2841	41.8	40.6	42.2	41.8	-	3.8	3.1	3.8	3.5	-
Polishing, sanitation, and finishing preparations .....	2842,3	40.0	39.6	39.6	40.2	-	3.1	2.9	2.4	3.0	-
Toilet preparations .....	2844	39.8	38.7	39.9	40.8	-	3.3	2.5	3.0	3.3	-
Paints and allied products .....	285	42.0	42.1	42.7	42.9	-	3.6	3.6	4.4	4.9	-
Industrial organic chemicals .....	286	45.5	45.3	44.9	44.8	-	6.8	6.6	6.3	6.4	-
Cyclic crudes and intermediates .....	2865	47.3	46.0	45.7	45.1	-	6.6	6.5	6.7	7.5	-
Industrial organic chemicals, nec .....	2869	45.1	45.2	44.7	44.7	-	6.3	6.6	6.2	6.1	-
Agricultural chemicals .....	287	45.4	45.7	45.8	45.5	-	6.3	6.5	6.4	6.7	-
Miscellaneous chemical products .....	289	43.2	43.1	43.4	43.6	-	4.8	4.7	4.9	5.1	-
Petroleum and coal products											
Petroleum refining .....	291	42.6	42.6	44.2	43.4	-	5.5	5.4	6.0	5.6	-
Asphalt paving and roofing materials .....	295	44.4	48.5	41.6	41.9	-	7.3	6.7	6.4	6.7	-
Rubber and misc. plastics products											
Tires and inner tubes .....	301	44.2	43.2	43.8	44.2	-	5.8	5.4	6.1	6.4	-
Rubber and plastics footwear .....	302	37.6	38.9	41.1	41.7	-	.9	2.8	2.0	2.8	-
Hose, belting, gaskets, and packing .....	305	41.9	41.5	42.8	43.3	-	4.3	4.4	4.8	5.6	-
Rubber and plastics hose and belting .....	3052	42.7	42.0	43.7	45.1	-	4.3	4.3	5.1	6.0	-
Fabricated rubber products, nec .....	306	41.0	40.8	42.2	42.5	-	3.4	3.4	4.5	4.6	-
Miscellaneous plastics products, nec .....	308	41.0	40.9	41.0	41.3	-	3.8	3.9	4.0	4.2	-
Leather and leather products											
Leather tanning and finishing .....	311	42.2	40.9	42.7	43.3	-	6.2	4.9	6.4	6.6	-
Footwear, except rubber .....	314	36.2	36.0	36.7	37.5	-	.7	.9	1.4	1.4	-
Men's footwear, except athletic .....	3143	36.1	36.0	37.4	37.9	-	.7	1.0	2.1	1.7	-
Women's footwear, except athletic .....	3144	37.0	36.1	35.9	37.2	-	.5	.4	.4	.9	-
Luggage .....	316	36.9	36.2	37.1	38.4	-	1.7	1.2	1.5	2.2	-
Handbags and personal leather goods .....	317	38.7	39.3	37.9	37.9	-	1.7	1.9	1.1	1.1	-
<b>Service-producing</b> .....		32.5	32.4	32.9	32.9	32.7	-	-	-	-	-
<b>Transportation and public utilities</b> .....		39.5	39.2	39.8	39.8	39.6	-	-	-	-	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
		<b>Nondurable goods—Continued</b>									
<b>Paper and allied products—Continued</b>											
Paperboard containers and boxes .....	285	\$12.20	\$12.33	\$12.48	\$12.62	-	\$517.28	\$524.03	\$527.90	\$538.87	-
Corrugated and solid fiber boxes .....	2653	12.12	12.25	12.40	12.52	-	516.31	525.53	525.76	539.61	-
Sanitary food containers .....	2858	12.25	12.37	12.80	12.89	-	516.95	528.20	522.24	534.94	-
Folding paperboard boxes .....	2657	13.01	13.12	13.17	13.45	-	558.13	554.98	563.68	575.66	-
Misc. converted paper products .....	267	12.67	12.74	12.96	13.09	-	523.27	522.34	546.91	556.33	-
Paper, coated and laminated, nec .....	2672	14.78	14.79	14.63	15.26	-	625.19	625.82	646.65	682.12	-
Bags: plastics, laminated, and coated .....	2673	11.57	11.61	11.77	11.77	-	483.63	472.53	499.05	499.05	-
Envelopes .....	2677	11.75	11.72	11.75	11.82	-	480.58	482.86	486.45	499.99	-
Printing and publishing .....	27	12.52	12.52	12.89	12.99	\$12.94	478.26	474.51	491.11	504.01	\$496.90
Newspapers .....	271	12.39	12.33	12.82	12.83	-	402.68	404.42	424.34	428.52	-
Periodicals .....	272	13.60	13.64	14.22	14.10	-	484.16	503.32	536.09	517.47	-
Books .....	273	11.65	11.65	12.08	12.19	-	472.99	462.51	459.04	482.72	-
Book publishing .....	2731	11.32	11.36	11.79	11.68	-	444.88	433.95	426.80	434.50	-
Book printing .....	2732	11.99	11.96	12.37	12.68	-	504.78	495.14	494.80	533.83	-
Miscellaneous publishing .....	274	11.84	11.93	12.56	12.60	-	429.79	423.52	455.93	457.38	-
Commercial printing .....	275	12.76	12.75	13.07	13.26	-	507.85	501.08	517.57	535.70	-
Commercial printing, lithographic .....	2752	12.90	12.90	13.38	13.57	-	513.42	504.39	529.85	549.59	-
Commercial printing, nec .....	2759	12.37	12.29	12.37	12.56	-	496.04	490.37	487.38	504.91	-
Manifold business forms .....	276	13.15	13.38	13.36	13.27	-	539.15	555.27	554.44	549.38	-
Blankbooks and bookbinding .....	278	9.82	9.83	10.02	10.22	-	387.89	385.34	392.78	412.89	-
Printing trade services .....	279	15.64	15.63	18.02	18.09	-	620.91	609.57	634.39	845.21	-
Chemicals and allied products .....	28	16.03	16.17	16.53	16.48	16.46	690.89	892.08	714.10	711.94	709.43
Industrial inorganic chemicals .....	281	17.59	17.71	18.33	18.32	-	814.42	812.89	856.01	846.38	-
Industrial inorganic chemicals, nec .....	2819	17.95	18.08	18.60	18.49	-	827.50	828.06	874.20	861.83	-
Plastics materials and synthetics .....	282	16.53	16.90	17.14	17.14	-	720.71	740.22	743.88	740.45	-
Plastics materials and resins .....	2821	18.35	18.55	19.01	19.00	-	816.58	825.48	863.05	860.70	-
Organic fibers, noncellulosic .....	2824	14.32	14.73	14.77	14.75	-	641.54	673.16	607.05	604.75	-
Drugs .....	283	15.59	15.59	16.50	16.41	-	643.67	637.63	686.40	687.58	-
Pharmaceutical preparations .....	2834	15.27	15.31	16.44	16.35	-	627.60	623.12	683.90	685.07	-
Soap, cleaners, and toilet goods .....	284	13.10	13.17	13.96	13.31	-	529.24	520.22	539.74	544.38	-
Soap and other detergents .....	2841	16.08	16.34	16.57	16.65	-	671.31	688.67	699.25	695.97	-
Polishing, sanitation, and finishing preparations .....	2842,3	12.14	12.29	12.51	12.63	-	485.60	488.68	495.40	507.73	-
Toilet preparations .....	2844	11.98	11.67	12.11	12.00	-	478.01	459.37	483.19	489.60	-
Paints and allied products .....	285	13.38	13.38	13.90	14.02	-	581.86	582.46	593.53	601.46	-
Industrial organic chemicals .....	286	19.55	19.80	19.73	19.81	-	889.53	898.94	885.88	887.49	-
Cyclic crudes and intermediates .....	2885	19.33	19.81	19.69	19.81	-	914.31	902.08	899.83	884.41	-
Industrial organic chemicals, nec .....	2889	19.72	19.97	19.86	19.99	-	889.37	902.64	887.74	893.55	-
Agricultural chemicals .....	287	15.85	15.78	16.36	16.12	-	719.59	721.15	746.02	733.46	-
Miscellaneous chemical products .....	289	14.84	14.93	14.93	14.84	-	641.09	643.48	647.96	647.02	-
Petroleum and coal products .....	29	19.20	19.30	20.40	20.48	20.13	825.80	837.82	885.38	876.54	883.58
Petroleum refining .....	291	21.38	21.62	22.53	22.83	-	910.79	921.01	995.83	990.82	-
Asphalt paving and roofing materials .....	295	13.87	14.15	14.51	14.39	-	615.83	657.98	603.62	602.94	-
Rubber and misc. plastics products .....	30	11.14	11.19	11.45	11.50	11.55	460.08	459.91	475.18	480.70	481.64
Tires and inner tubes .....	301	17.90	18.00	18.50	18.64	-	791.18	777.60	810.30	823.89	-
Rubber and plastics footwear .....	302	9.12	9.13	9.51	9.64	-	344.74	355.16	390.86	401.99	-
Hose, belting, gaskets, and packing .....	305	11.31	11.40	11.53	11.72	-	473.89	473.10	493.48	507.48	-
Rubber and plastics hose and belting .....	3052	11.44	11.62	11.71	11.91	-	488.49	488.04	511.73	537.14	-
Fabricated rubber products, nec .....	306	10.81	10.83	10.95	11.05	-	435.01	433.70	462.09	469.63	-
Miscellaneous plastics products, nec .....	308	10.47	10.53	10.77	10.80	-	429.27	430.68	441.57	446.04	-
Leather and leather products .....	31	8.46	8.41	8.92	8.87	8.89	318.94	315.38	337.18	342.38	342.27
Leather tanning and finishing .....	311	11.49	11.32	11.94	11.83	-	484.88	462.99	509.84	512.24	-
Footwear, except rubber .....	314	7.91	8.01	8.47	8.39	-	286.34	288.36	310.85	314.63	-
Men's footwear, except athletic .....	3143	8.64	8.70	9.34	9.12	-	311.90	313.20	349.32	345.65	-
Women's footwear, except athletic .....	3144	7.10	7.21	7.34	7.42	-	262.70	260.28	263.51	276.02	-
Luggage .....	316	8.32	8.21	8.56	8.80	-	307.01	297.20	317.58	337.92	-
Handbags and personal leather goods .....	317	7.72	7.51	7.88	7.76	-	298.76	295.14	298.65	294.10	-
<b>Service-producing .....</b>		<b>11.21</b>	<b>11.22</b>	<b>11.65</b>	<b>11.67</b>	<b>\$11.65</b>	<b>364.33</b>	<b>363.53</b>	<b>383.29</b>	<b>383.94</b>	<b>\$380.96</b>
<b>Transportation and public utilities .....</b>		<b>14.44</b>	<b>14.49</b>	<b>14.67</b>	<b>14.68</b>	<b>14.76</b>	<b>570.38</b>	<b>568.01</b>	<b>583.87</b>	<b>584.26</b>	<b>584.50</b>

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Transportation and public utilities—Continued</b>											
Railroad transportation:											
Class I railroads plus Amtrak <sup>3</sup> .....	4011	48.6	48.1	49.4	48.9	-	-	-	-	-	-
Local and interurban passenger transit .....	41	33.7	33.2	33.8	33.8	-	-	-	-	-	-
Local and suburban transportation .....	411	38.3	38.3	38.0	38.0	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	38.5	39.4	38.8	38.2	-	-	-	-	-	-
Trucking and warehousing .....	42	38.8	38.6	38.3	38.9	-	-	-	-	-	-
Trucking and courier services, except air .....	421	38.8	38.6	38.2	38.9	-	-	-	-	-	-
Public warehousing and storage .....	422	39.0	38.6	39.3	39.5	-	-	-	-	-	-
Water transportation:											
Water transportation services .....	449	36.6	36.8	38.4	39.0	-	-	-	-	-	-
Pipelines, except natural gas .....	46	43.8	44.3	44.8	44.6	-	-	-	-	-	-
Transportation services .....	47	38.1	37.6	39.1	39.1	-	-	-	-	-	-
Passenger transportation arrangement .....	472	37.4	37.1	39.0	39.1	-	-	-	-	-	-
Travel agencies .....	4724	37.2	36.8	38.5	38.7	-	-	-	-	-	-
Freight transportation arrangement .....	473	38.8	38.3	39.6	39.4	-	-	-	-	-	-
Communications .....	48	39.9	39.9	40.0	40.0	-	-	-	-	-	-
Telephone communications .....	481	41.4	41.7	41.5	41.6	-	-	-	-	-	-
Telephone communications, except radio .....	4813	41.7	42.0	41.9	41.9	-	-	-	-	-	-
Radio and television broadcasting .....	483	34.7	34.6	35.5	35.4	-	-	-	-	-	-
Cable and other pay television services .....	484	39.7	39.3	39.1	39.0	-	-	-	-	-	-
Electric, gas, and sanitary services .....	49	42.2	42.1	41.8	41.9	-	-	-	-	-	-
Electric services .....	491	42.6	42.3	41.4	41.7	-	-	-	-	-	-
Gas production and distribution .....	492	42.0	41.8	42.5	42.1	-	-	-	-	-	-
Combination utility services .....	493	41.8	42.1	43.0	42.9	-	-	-	-	-	-
Sanitary services .....	495	42.2	42.4	41.6	42.1	-	-	-	-	-	-
<b>Wholesale trade .....</b>		<b>38.1</b>	<b>38.1</b>	<b>38.5</b>	<b>38.5</b>	<b>38.3</b>	-	-	-	-	-
Durable goods .....	50	38.8	38.8	39.3	39.4	-	-	-	-	-	-
Motor vehicles, parts, and supplies .....	501	38.2	38.5	38.1	38.2	-	-	-	-	-	-
Furniture and home furnishings .....	502	37.6	37.2	37.6	37.2	-	-	-	-	-	-
Lumber and other construction materials .....	503	39.4	39.7	39.2	39.8	-	-	-	-	-	-
Professional and commercial equipment .....	504	38.9	38.7	40.1	39.9	-	-	-	-	-	-
Medical and hospital equipment .....	5047	38.4	38.3	39.8	40.2	-	-	-	-	-	-
Metals and minerals, except petroleum .....	505	40.9	41.0	42.2	42.2	-	-	-	-	-	-
Electrical goods .....	506	39.0	38.9	39.6	39.6	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	38.6	38.5	39.2	39.2	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	39.2	39.1	39.6	39.7	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	37.9	37.8	37.9	38.0	-	-	-	-	-	-
Nondurable goods .....	51	37.1	37.1	37.3	37.3	-	-	-	-	-	-
Paper and paper products .....	511	36.5	36.2	36.1	36.2	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	36.3	36.0	36.9	36.5	-	-	-	-	-	-
Apparel, piece goods, and notions .....	513	36.9	36.6	37.3	37.6	-	-	-	-	-	-
Groceries and related products .....	514	37.8	37.8	38.2	36.3	-	-	-	-	-	-
Farm-product raw materials .....	515	34.2	35.2	33.7	34.2	-	-	-	-	-	-
Chemicals and allied products .....	516	39.8	39.5	40.5	40.5	-	-	-	-	-	-
Petroleum and petroleum products .....	517	37.2	37.2	37.6	37.6	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	37.2	37.2	37.7	37.5	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	36.5	36.8	36.2	36.3	-	-	-	-	-	-
<b>Retail trade .....</b>		<b>28.5</b>	<b>28.4</b>	<b>28.7</b>	<b>28.8</b>	<b>28.6</b>	-	-	-	-	-
Building materials and garden supplies .....	52	34.9	35.0	34.7	34.9	-	-	-	-	-	-
Lumber and other building materials .....	521	36.6	36.6	36.6	36.7	-	-	-	-	-	-
Paint, glass, and wallpaper stores .....	523	36.1	36.2	35.4	35.5	-	-	-	-	-	-
Hardware stores .....	525	31.4	31.3	30.4	30.9	-	-	-	-	-	-
Retail nurseries and garden stores .....	526	31.1	32.1	30.8	31.6	-	-	-	-	-	-

See footnotes at end of table.



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

**B-15. Average hours and earnings of production or nonsupervisory workers' on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Transportation and public utilities—Continued</b>											
Railroad transportation:											
Class I railroads plus Amtrak <sup>3</sup> .....	4011	\$17.64	\$17.49	\$18.42	\$18.17	-	\$857.30	\$841.27	\$909.95	\$888.51	-
Local and interurban passenger transit .....	41	10.56	10.66	10.84	10.82	-	355.87	353.91	366.39	365.72	-
Local and suburban transportation .....	411	11.27	11.38	11.41	11.38	-	431.84	435.85	433.58	432.44	-
Intercity and rural bus transportation .....	413	12.39	12.60	13.93	13.97	-	477.02	496.44	540.48	533.65	-
Trucking and warehousing .....	42	13.05	13.05	13.10	13.07	-	506.34	503.73	501.73	508.42	-
Trucking and courier services, except air .....	421	13.25	13.24	13.30	13.25	-	514.10	511.06	508.06	515.43	-
Public warehousing and storage .....	422	10.56	10.55	10.78	10.86	-	411.84	407.23	423.65	428.97	-
Water transportation:											
Water transportation services .....	449	17.35	17.86	19.97	19.51	-	635.01	657.25	766.85	760.89	-
Pipelines, except natural gas .....	46	20.46	20.30	20.64	20.62	-	896.15	899.29	924.67	919.65	-
Transportation services .....	47	13.02	12.97	12.95	13.13	-	496.06	487.67	506.35	513.38	-
Passenger transportation arrangement .....	472	13.15	13.08	12.77	13.12	-	491.81	485.27	498.03	512.99	-
Travel agencies .....	4724	13.62	13.50	13.02	13.52	-	506.66	496.80	501.27	523.22	-
Freight transportation arrangement .....	473	13.35	13.32	13.56	13.57	-	517.98	510.16	536.98	534.66	-
Communications .....	48	15.84	15.91	16.54	16.58	-	632.02	634.81	661.60	663.20	-
Telephone communications .....	481	16.56	16.55	17.22	17.24	-	685.58	690.14	714.63	717.18	-
Telephone communications, except radio .....	4813	16.89	16.84	17.70	17.67	-	704.31	707.28	741.63	740.37	-
Radio and television broadcasting .....	483	15.44	15.78	16.29	16.29	-	535.77	545.99	578.30	576.67	-
Cable and other pay television services .....	484	12.34	12.47	13.22	13.39	-	489.90	490.07	516.90	522.21	-
Electric, gas, and sanitary services .....	49	17.99	18.05	18.76	18.95	-	759.18	759.91	784.17	794.01	-
Electric services .....	491	19.08	19.20	19.75	20.03	-	812.81	812.16	817.65	835.25	-
Gas production and distribution .....	492	17.54	17.56	17.93	17.99	-	736.68	734.01	762.03	757.38	-
Combination utility services .....	493	21.40	21.41	22.70	22.94	-	894.52	901.36	976.10	984.13	-
Sanitary services .....	495	13.33	13.32	14.18	14.23	-	562.53	564.77	589.89	599.08	-
<b>Wholesale trade .....</b>		<b>12.67</b>	<b>12.76</b>	<b>13.23</b>	<b>13.25</b>	<b>\$13.30</b>	<b>482.73</b>	<b>486.16</b>	<b>509.36</b>	<b>510.13</b>	<b>\$509.39</b>
Durable goods .....	50	13.17	13.29	13.81	13.82	-	511.00	515.65	542.73	544.51	-
Motor vehicles, parts, and supplies .....	501	11.61	11.85	12.04	12.10	-	443.50	456.23	458.72	462.22	-
Furniture and home furnishings .....	502	11.46	11.69	12.25	12.31	-	430.90	434.87	460.60	457.93	-
Lumber and other construction materials .....	503	11.87	11.89	12.46	12.49	-	467.68	472.03	488.43	497.10	-
Professional and commercial equipment .....	504	15.67	15.90	16.32	16.34	-	609.56	615.33	654.43	651.97	-
Medical and hospital equipment .....	5047	14.19	14.35	15.38	15.60	-	544.90	549.61	612.12	627.12	-
Metals and minerals, except petroleum .....	505	12.90	13.00	13.43	13.36	-	527.61	533.00	566.75	563.79	-
Electrical goods .....	506	13.97	14.04	14.89	14.98	-	544.83	546.16	589.64	593.21	-
Hardware, plumbing, and heating equipment .....	507	12.37	12.46	12.97	13.01	-	477.48	479.71	508.42	509.99	-
Machinery, equipment, and supplies .....	508	13.26	13.29	13.86	13.83	-	519.79	519.64	548.86	549.05	-
Misc. wholesale trade durable goods .....	509	10.34	10.38	10.74	10.77	-	391.89	392.36	407.05	409.26	-
Nondurable goods .....	51	11.94	11.99	12.39	12.42	-	442.97	444.83	462.15	463.27	-
Paper and paper products .....	511	12.13	12.28	12.57	12.40	-	442.75	444.54	453.78	448.88	-
Drugs, proprietaries, and sundries .....	512	15.38	15.42	16.17	16.28	-	558.29	555.12	596.67	594.22	-
Apparel, piece goods, and notions .....	513	11.77	11.95	12.58	12.58	-	434.31	437.37	469.23	473.01	-
Groceries and related products .....	514	12.27	12.35	12.51	12.60	-	463.81	466.83	477.88	482.58	-
Farm-product raw materials .....	515	9.08	9.14	9.52	9.54	-	310.54	321.73	320.82	326.27	-
Chemicals and allied products .....	516	13.49	13.45	13.87	13.98	-	536.90	531.28	561.74	566.19	-
Petroleum and petroleum products .....	517	11.13	11.21	11.60	11.51	-	414.04	417.01	436.16	432.78	-
Beer, wine, and distilled beverages .....	518	13.50	13.59	14.18	14.35	-	502.20	505.55	534.59	538.13	-
Misc. wholesale trade nondurable goods .....	519	9.91	9.89	10.29	10.30	-	361.72	363.95	372.50	373.89	-
<b>Retail trade .....</b>		<b>7.90</b>	<b>7.92</b>	<b>8.23</b>	<b>8.26</b>	<b>8.28</b>	<b>225.15</b>	<b>224.93</b>	<b>236.20</b>	<b>237.89</b>	<b>236.81</b>
Building materials and garden supplies .....	52	9.34	9.35	9.76	9.71	-	325.97	327.25	338.67	338.88	-
Lumber and other building materials .....	521	9.79	9.83	10.18	10.15	-	358.31	359.78	372.59	372.51	-
Paint, glass, and wallpaper stores .....	523	9.82	9.89	10.20	10.20	-	354.50	358.02	361.08	362.10	-
Hardware stores .....	525	7.93	7.93	8.14	8.14	-	249.00	248.21	247.46	251.53	-
Retail nurseries and garden stores .....	526	8.29	8.15	9.03	8.84	-	257.82	261.62	278.12	279.34	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Retail trade—Continued</b>											
General merchandise stores .....	53	28.9	28.3	28.4	29.1	-	-	-	-	-	-
Department stores .....	531	29.0	28.4	28.4	29.2	-	-	-	-	-	-
Variety stores .....	533	27.1	26.9	26.4	27.3	-	-	-	-	-	-
Misc. general merchandise stores .....	539	28.9	28.8	28.9	29.5	-	-	-	-	-	-
Food stores .....	54	29.3	29.0	29.5	29.2	-	-	-	-	-	-
Grocery stores .....	541	29.5	29.2	29.6	29.3	-	-	-	-	-	-
Retail bakeries .....	546	27.5	27.4	28.3	28.2	-	-	-	-	-	-
Automotive dealers and service stations .....	55	35.4	35.3	35.5	35.5	-	-	-	-	-	-
New and used car dealers .....	551	37.0	36.9	37.1	37.0	-	-	-	-	-	-
Auto and home supply stores .....	553	37.3	37.4	37.1	37.5	-	-	-	-	-	-
Gasoline service stations .....	554	32.0	31.9	31.8	32.0	-	-	-	-	-	-
Automotive dealers, nec .....	559	34.1	34.7	36.2	36.3	-	-	-	-	-	-
Apparel and accessory stores .....	56	25.7	25.7	26.0	26.5	-	-	-	-	-	-
Men's and boys' clothing stores .....	561	28.3	28.4	29.0	28.7	-	-	-	-	-	-
Women's clothing stores .....	562	24.0	24.3	24.2	24.9	-	-	-	-	-	-
Family clothing stores .....	565	26.6	26.2	26.4	27.3	-	-	-	-	-	-
Shoe stores .....	566	25.4	25.7	26.5	26.2	-	-	-	-	-	-
Furniture and home furnishings stores .....	57	32.6	32.6	32.9	32.8	-	-	-	-	-	-
Furniture and home furnishings stores .....	571	32.9	33.0	33.0	33.0	-	-	-	-	-	-
Household appliance stores .....	572	33.4	33.2	34.5	34.7	-	-	-	-	-	-
Radio, television, and computer stores .....	573	32.1	31.9	32.5	32.3	-	-	-	-	-	-
Radio, television, and electronic stores .....	5731	32.0	32.3	32.4	32.5	-	-	-	-	-	-
Record and prerecorded tape stores .....	5735	25.9	25.5	25.0	25.0	-	-	-	-	-	-
Eating and drinking places <sup>4</sup> .....	58	24.9	25.0	25.2	25.3	-	-	-	-	-	-
Miscellaneous retail establishments .....	59	29.4	29.4	29.6	29.2	-	-	-	-	-	-
Drug stores and proprietary stores .....	591	28.3	28.5	28.7	28.5	-	-	-	-	-	-
Used merchandise stores .....	593	30.9	30.5	30.6	30.9	-	-	-	-	-	-
Miscellaneous shopping goods stores .....	594	27.5	27.6	27.6	27.7	-	-	-	-	-	-
Nonstore retailers .....	596	32.9	32.8	31.9	32.0	-	-	-	-	-	-
Fuel dealers .....	598	36.6	37.5	39.9	38.6	-	-	-	-	-	-
Retail stores, nec .....	599	30.6	30.6	31.1	29.3	-	-	-	-	-	-
Optical goods stores .....	5995	33.6	33.4	33.5	32.9	-	-	-	-	-	-
Miscellaneous retail stores, nec .....	5999	31.3	31.0	29.5	29.6	-	-	-	-	-	-
<b>Finance, insurance, and real estate<sup>5</sup></b> .....		<b>35.7</b>	<b>35.6</b>	<b>36.7</b>	<b>36.5</b>	<b>35.8</b>	-	-	-	-	-
Depository institutions .....	60	34.9	34.9	35.8	35.5	-	-	-	-	-	-
Commercial banks .....	602	34.6	34.7	35.5	35.2	-	-	-	-	-	-
State commercial banks .....	6022	34.9	35.1	35.9	35.8	-	-	-	-	-	-
National and commercial banks, nec .....	6021,9	34.3	34.4	35.3	34.7	-	-	-	-	-	-
Credit unions .....	606	35.8	35.7	36.2	36.1	-	-	-	-	-	-
Nondepository institutions .....	61	37.9	37.8	39.0	39.0	-	-	-	-	-	-
Personal credit institutions .....	614	38.5	38.5	39.6	39.7	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services .....	628	36.5	36.7	38.9	36.9	-	-	-	-	-	-
Insurance carriers .....	63	38.1	37.9	39.1	39.1	-	-	-	-	-	-
Life insurance .....	631	37.7	37.6	38.8	39.0	-	-	-	-	-	-
Medical service and health insurance .....	632	39.0	38.9	39.4	39.3	-	-	-	-	-	-
Hospital and medical service plans .....	6324	39.2	39.1	39.5	39.3	-	-	-	-	-	-
Fire, marine, and casualty insurance .....	633	38.3	37.7	39.1	39.0	-	-	-	-	-	-
<b>Services</b> .....		<b>32.2</b>	<b>32.2</b>	<b>32.7</b>	<b>32.6</b>	<b>32.4</b>	-	-	-	-	-
Agricultural services .....	07	32.6	34.0	32.2	33.1	-	-	-	-	-	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Retail trade—Continued</b>											
General merchandise stores .....	53	\$7.81	\$7.92	\$8.09	\$8.16	-	\$225.71	\$224.14	\$229.76	\$237.46	-
Department stores .....	531	7.86	7.98	8.13	8.21	-	227.94	226.63	230.89	239.73	-
Variety stores .....	533	7.29	7.25	7.50	7.52	-	197.56	195.03	198.00	205.30	-
Misc. general merchandise stores .....	539	7.49	7.55	7.85	7.87	-	216.46	217.44	228.87	232.17	-
<b>Food stores</b> .....	<b>54</b>	<b>8.37</b>	<b>8.38</b>	<b>8.60</b>	<b>8.64</b>	<b>-</b>	<b>245.24</b>	<b>243.02</b>	<b>253.70</b>	<b>252.29</b>	<b>-</b>
Grocery stores .....	541	8.46	8.49	8.70	8.74	-	249.57	247.91	257.52	256.08	-
Retail bakeries .....	546	7.35	7.31	7.52	7.56	-	202.13	200.29	212.82	213.19	-
<b>Automotive dealers and service stations</b> .....	<b>55</b>	<b>10.75</b>	<b>10.76</b>	<b>11.15</b>	<b>11.25</b>	<b>-</b>	<b>380.55</b>	<b>379.83</b>	<b>395.83</b>	<b>399.38</b>	<b>-</b>
New and used car dealers .....	551	13.49	13.48	13.99	14.18	-	499.13	497.41	519.03	524.66	-
Auto and home supply stores .....	553	8.99	9.00	9.24	9.32	-	335.33	336.60	342.80	349.50	-
Gasoline service stations .....	554	7.06	7.07	7.36	7.38	-	225.92	225.53	234.05	236.16	-
Automotive dealers, nec .....	559	11.36	11.23	12.26	12.39	-	387.38	389.68	443.81	449.76	-
<b>Apparel and accessory stores</b> .....	<b>56</b>	<b>7.70</b>	<b>7.74</b>	<b>7.94</b>	<b>7.96</b>	<b>-</b>	<b>197.89</b>	<b>198.92</b>	<b>206.44</b>	<b>210.94</b>	<b>-</b>
Men's and boys' clothing stores .....	561	8.96	9.07	9.32	9.37	-	253.57	257.59	270.28	268.92	-
Women's clothing stores .....	562	7.53	7.59	7.86	7.91	-	180.72	184.44	190.21	196.96	-
Family clothing stores .....	565	7.62	7.60	7.72	7.70	-	202.69	199.12	203.81	210.21	-
Shoe stores .....	566	7.54	7.65	7.74	7.81	-	191.52	196.61	205.11	204.62	-
<b>Furniture and home furnishings stores</b> .....	<b>57</b>	<b>10.25</b>	<b>10.32</b>	<b>10.91</b>	<b>10.96</b>	<b>-</b>	<b>334.15</b>	<b>336.43</b>	<b>358.94</b>	<b>359.49</b>	<b>-</b>
Furniture and home furnishings stores .....	571	9.92	9.98	10.28	10.40	-	326.37	329.34	339.24	343.20	-
Household appliance stores .....	572	10.00	9.94	10.53	10.46	-	334.00	330.01	363.29	362.96	-
Radio, television, and computer stores .....	573	10.71	10.86	11.79	11.80	-	343.79	346.43	383.18	381.14	-
Radio, television, and electronic stores .....	5731	9.98	10.06	10.95	10.86	-	319.36	324.94	354.78	352.95	-
Record and prerecorded tape stores .....	5735	6.60	6.56	6.88	6.84	-	170.94	167.28	172.00	171.00	-
<b>Eating and drinking places<sup>4</sup></b> .....	<b>58</b>	<b>5.69</b>	<b>5.70</b>	<b>5.93</b>	<b>5.95</b>	<b>-</b>	<b>141.68</b>	<b>142.50</b>	<b>149.44</b>	<b>150.54</b>	<b>-</b>
<b>Miscellaneous retail establishments</b> .....	<b>59</b>	<b>8.68</b>	<b>8.67</b>	<b>9.04</b>	<b>9.07</b>	<b>-</b>	<b>255.19</b>	<b>254.90</b>	<b>267.58</b>	<b>264.84</b>	<b>-</b>
Drug stores and proprietary stores .....	591	9.06	9.10	9.49	9.54	-	256.40	259.35	272.36	271.89	-
Used merchandise stores .....	593	7.17	7.16	7.62	7.56	-	221.55	218.38	233.17	233.60	-
Miscellaneous shopping goods stores .....	594	7.99	7.96	8.37	8.40	-	219.73	219.70	231.01	232.68	-
Nonstore retailers .....	596	9.18	9.23	9.54	9.55	-	302.02	302.74	304.33	305.60	-
Fuel dealers .....	598	11.91	11.72	12.40	12.22	-	462.11	439.50	494.76	471.69	-
Retail stores, nec .....	599	8.85	8.85	9.03	9.19	-	270.81	270.81	280.83	269.27	-
Optical goods stores .....	5995	11.11	11.21	11.27	11.19	-	373.30	374.41	377.55	368.15	-
Miscellaneous retail stores, nec .....	5999	9.10	9.11	9.43	9.52	-	284.83	282.41	278.19	283.70	-
<b>Finance, insurance, and real estate<sup>5</sup></b> .....		<b>12.74</b>	<b>12.76</b>	<b>13.16</b>	<b>13.22</b>	<b>\$13.14</b>	<b>454.82</b>	<b>454.26</b>	<b>482.97</b>	<b>482.53</b>	<b>\$470.41</b>
<b>Depository institutions</b> .....	<b>60</b>	<b>9.88</b>	<b>9.86</b>	<b>10.27</b>	<b>10.23</b>	<b>-</b>	<b>344.81</b>	<b>344.11</b>	<b>367.67</b>	<b>363.17</b>	<b>-</b>
Commercial banks .....	602	9.40	9.40	9.80	9.72	-	325.24	326.18	347.90	342.14	-
State commercial banks .....	6022	9.26	9.25	9.62	9.61	-	323.17	324.68	345.36	344.04	-
National and commercial banks, nec .....	6021,9	9.51	9.50	9.93	9.80	-	326.19	326.80	350.53	340.06	-
Credit unions .....	606	9.75	9.79	10.11	10.12	-	349.05	349.50	365.98	365.33	-
<b>Nondepository institutions</b> .....	<b>61</b>	<b>12.70</b>	<b>12.77</b>	<b>13.22</b>	<b>13.36</b>	<b>-</b>	<b>481.33</b>	<b>482.71</b>	<b>515.58</b>	<b>521.04</b>	<b>-</b>
Personal credit institutions .....	614	10.42	10.61	11.50	11.52	-	401.17	408.49	455.40	457.34	-
<b>Security and commodity brokers:</b>											
Security and commodity services .....	628	18.12	18.17	18.65	18.63	-	661.38	666.84	725.49	724.71	-
<b>Insurance carriers</b> .....	<b>63</b>	<b>15.25</b>	<b>15.34</b>	<b>15.44</b>	<b>15.57</b>	<b>-</b>	<b>581.03</b>	<b>581.39</b>	<b>603.70</b>	<b>608.79</b>	<b>-</b>
Life insurance .....	631	14.58	14.67	14.26	14.49	-	549.67	551.59	553.29	565.11	-
Medical service and health insurance .....	632	14.38	14.42	14.64	14.72	-	560.82	560.94	576.82	578.50	-
Hospital and medical service plans .....	6324	14.70	14.74	14.90	15.03	-	576.24	576.33	588.55	590.68	-
Fire, marine, and casualty insurance .....	633	16.45	16.63	16.86	16.94	-	630.04	626.95	659.23	660.66	-
<b>Services</b> .....		<b>11.72</b>	<b>11.72</b>	<b>12.25</b>	<b>12.26</b>	<b>12.22</b>	<b>377.38</b>	<b>377.38</b>	<b>400.58</b>	<b>399.68</b>	<b>395.93</b>
Agricultural services .....	07	9.17	9.16	9.49	9.44	-	298.94	311.44	305.58	312.46	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers' on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Services—Continued</b>											
Agricultural services—Continued											
Veterinary services .....	074	28.6	28.8	28.6	28.7	-	-	-	-	-	-
Landscape and horticultural services .....	078	34.3	36.1	33.9	35.2	-	-	-	-	-	-
Hotels and other lodging places:											
Hotels and motels <sup>a</sup> .....	701	30.4	30.3	31.0	31.1	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services .....	721	34.0	34.0	33.5	33.8	-	-	-	-	-	-
Beauty shops <sup>a</sup> .....	723	27.5	27.3	27.9	28.0	-	-	-	-	-	-
Miscellaneous personal services .....	729	26.8	28.0	28.8	25.7	-	-	-	-	-	-
Business services .....											
Advertising .....	731	33.1	32.9	33.6	33.6	-	-	-	-	-	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services .....	7334	36.0	35.9	37.3	37.3	-	-	-	-	-	-
Services to buildings .....	734	36.3	36.1	36.3	35.9	-	-	-	-	-	-
Disinfecting and pest control services .....	7342	28.5	28.3	28.9	28.6	-	-	-	-	-	-
Building maintenance services, nec .....	7349	36.9	37.2	37.6	37.5	-	-	-	-	-	-
Miscellaneous equipment rental and leasing .....	735	27.8	27.5	28.1	27.8	-	-	-	-	-	-
Medical equipment rental .....	7352	38.7	39.1	38.5	39.0	-	-	-	-	-	-
Heavy construction equipment rental .....	7353	37.4	37.5	38.1	38.2	-	-	-	-	-	-
Equipment rental and leasing, nec .....	7359	39.4	40.4	39.4	40.5	-	-	-	-	-	-
Personnel supply services:											
Help supply services .....	7363	38.8	39.2	38.4	38.7	-	-	-	-	-	-
Computer and data processing services .....	737	32.2	31.7	32.4	32.5	-	-	-	-	-	-
Computer programming services .....	7371	37.6	37.7	38.5	38.4	-	-	-	-	-	-
Computer integrated systems design .....	7373	38.0	38.0	38.9	38.7	-	-	-	-	-	-
Information retrieval services .....	7375	37.6	37.7	39.6	39.3	-	-	-	-	-	-
Computer maintenance and repair .....	7378	37.9	38.5	38.5	38.2	-	-	-	-	-	-
Miscellaneous business services .....	738	39.4	39.2	38.4	38.4	-	-	-	-	-	-
Detective and armored car services .....	7381	32.8	32.6	33.1	33.2	-	-	-	-	-	-
Security systems services .....	7382	33.7	33.8	34.6	34.6	-	-	-	-	-	-
Auto repair, services, and parking .....	75	36.5	36.1	36.4	36.0	-	-	-	-	-	-
Automotive rentals, without drivers .....	751	36.1	35.8	36.1	36.2	-	-	-	-	-	-
Passenger car rental .....	7514	36.0	36.2	36.0	36.4	-	-	-	-	-	-
Automobile parking .....	752	36.2	36.4	35.8	36.5	-	-	-	-	-	-
Automotive repair shops .....	753	33.2	32.8	33.9	33.9	-	-	-	-	-	-
Automotive and tire repair shops .....	7532,4	38.3	38.1	38.3	38.4	-	-	-	-	-	-
General automotive repair shops .....	7538	38.2	37.9	38.5	38.4	-	-	-	-	-	-
Automotive services, except repair .....	754	37.8	37.6	37.7	37.8	-	-	-	-	-	-
Carwashes .....	7542	31.4	30.8	30.9	30.8	-	-	-	-	-	-
Miscellaneous repair services .....	76	29.2	28.2	27.9	28.3	-	-	-	-	-	-
Motion pictures .....	78	37.7	37.8	38.2	38.4	-	-	-	-	-	-
Motion picture production and services .....	781	30.2	30.2	30.8	30.5	-	-	-	-	-	-
Video tape rental .....	784	39.1	39.2	39.5	39.0	-	-	-	-	-	-
Amusement and recreation services .....	79	23.2	23.5	24.0	23.8	-	-	-	-	-	-
Bowling centers .....	793	26.2	26.7	26.6	26.4	-	-	-	-	-	-
Misc. amusement and recreation services .....	799	25.3	24.8	24.8	24.8	-	-	-	-	-	-
Physical fitness facilities .....	7991	25.7	26.5	26.1	25.9	-	-	-	-	-	-
Membership sports and recreation clubs .....	7997	18.0	17.9	19.1	18.9	-	-	-	-	-	-
Health services .....	80	27.3	28.0	27.7	27.8	-	-	-	-	-	-
Offices and clinics of medical doctors .....	801	32.5	32.4	33.0	33.0	-	-	-	-	-	-
Offices and clinics of dentists .....	802	32.8	32.5	33.3	33.2	-	-	-	-	-	-
Offices and clinics of other health practitioners .....	804	27.9	28.0	28.7	28.7	-	-	-	-	-	-
Nursing and personal care facilities .....	805	29.6	29.5	30.5	30.7	-	-	-	-	-	-
Intermediate care facilities .....	8052	31.9	32.1	32.4	32.4	-	-	-	-	-	-
Hospitals .....	806	31.6	31.7	31.8	31.7	-	-	-	-	-	-
		34.3	34.2	34.6	34.7	-	-	-	-	-	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers' on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>a</sup>	Apr. 1997 <sup>a</sup>
<b>Services—Continued</b>											
Agricultural services—Continued											
Veterinary services .....	074	\$9.05	\$9.02	\$9.31	\$9.33	-	\$258.83	\$259.78	\$266.27	\$267.77	-
Landscape and horticultural services .....	078	9.32	9.28	9.68	9.56	-	319.68	335.01	328.15	336.51	-
Hotels and other lodging places:											
Hotels and motels <sup>a</sup> .....	701	8.02	8.08	8.47	8.47	-	243.81	244.82	262.57	263.42	-
Personal services:											
Laundry, cleaning, and garment services .....	721	7.68	7.71	7.95	7.99	-	261.12	262.14	266.33	270.06	-
Beauty shops <sup>a</sup> .....	723	8.78	8.74	8.85	9.00	-	241.45	238.60	246.92	252.00	-
Miscellaneous personal services .....	729	7.73	7.60	7.93	8.12	-	207.16	212.80	228.38	208.68	-
Business services .....											
Advertising .....	731	11.04	11.10	11.75	11.75	-	365.42	365.19	394.80	394.80	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services .....	7334	10.55	10.53	10.84	10.86	-	382.97	380.13	393.49	389.87	-
Services to buildings .....	734	7.45	7.54	7.77	7.75	-	212.33	213.38	224.55	221.65	-
Disinfecting and pest control services .....	7342	9.51	9.72	10.05	10.08	-	350.92	361.58	377.88	378.00	-
Building maintenance services, nec .....	7349	7.20	7.27	7.50	7.46	-	200.16	199.93	210.75	207.39	-
Miscellaneous equipment rental and leasing .....	735	11.37	11.42	11.80	11.94	-	440.02	446.52	454.30	465.66	-
Medical equipment rental .....	7352	10.50	10.46	10.80	10.94	-	392.70	392.25	411.48	417.91	-
Heavy construction equipment rental .....	7353	14.88	14.98	15.28	15.60	-	586.27	605.19	602.03	631.80	-
Equipment rental and leasing, nec .....	7359	10.45	10.51	10.93	10.99	-	405.46	411.99	419.71	425.31	-
Personnel supply services:											
Help supply services .....	7363	9.13	9.13	9.62	9.64	-	293.99	289.42	311.69	313.30	-
Computer and data processing services .....	737	18.24	18.26	19.64	19.60	-	685.82	688.40	756.14	752.64	-
Computer programming services .....	7371	21.08	21.04	22.74	22.71	-	801.04	799.52	884.59	878.88	-
Computer integrated systems design .....	7373	19.33	19.32	20.21	20.16	-	726.81	728.36	800.32	792.29	-
Information retrieval services .....	7375	14.70	14.78	14.91	14.94	-	557.13	569.03	574.04	570.71	-
Computer maintenance and repair .....	7378	13.87	13.98	14.10	14.13	-	546.48	548.02	541.44	542.59	-
Miscellaneous business services .....	736	9.33	9.42	9.58	9.64	-	306.02	307.09	317.10	320.05	-
Detective and armored car services .....	7381	7.26	7.28	7.65	7.64	-	244.66	246.06	264.69	264.34	-
Security systems services .....	7382	11.38	11.47	12.02	12.02	-	415.37	414.07	437.53	432.72	-
Auto repair, services, and parking .....											
Automotive rentals, without drivers .....	751	9.74	9.72	9.90	9.97	-	350.64	351.86	356.40	362.91	-
Passenger car rental .....	7514	8.73	8.65	8.86	8.90	-	316.03	314.86	317.19	324.85	-
Automobile parking .....	752	7.20	7.20	7.51	7.48	-	239.04	236.16	254.59	253.57	-
Automotive repair shops .....	753	11.33	11.34	11.75	11.78	-	433.94	432.05	450.03	452.35	-
Automotive and tire repair shops .....	7532.4	11.87	11.88	12.38	12.34	-	453.43	450.25	476.63	473.86	-
General automotive repair shops .....	7538	11.30	11.34	11.69	11.75	-	427.14	426.38	440.71	444.15	-
Automotive services, except repair .....	754	7.67	7.62	7.75	7.81	-	240.84	234.70	239.48	240.55	-
Carwashes .....	7542	6.68	6.63	6.89	6.87	-	195.06	186.97	192.23	194.42	-
Miscellaneous repair services .....											
Motion pictures .....	78	14.26	13.91	14.63	14.54	-	430.65	420.08	450.60	443.47	-
Motion picture production and services .....	781	19.55	19.03	19.99	19.91	-	764.41	745.98	789.61	776.49	-
Video tape rental .....	784	5.99	5.99	6.39	6.39	-	138.97	140.77	153.36	152.08	-
Amusement and recreation services .....											
Bowling centers .....	793	6.79	6.92	7.18	7.21	-	171.79	171.62	178.06	178.81	-
Misc. amusement and recreation services .....	799	8.59	8.42	8.81	8.79	-	220.76	223.13	229.94	227.66	-
Physical fitness facilities .....	7991	8.14	8.01	8.29	8.26	-	146.52	143.38	158.34	156.11	-
Membership sports and recreation clubs .....	7997	8.89	8.80	9.20	9.12	-	242.70	246.40	254.84	253.54	-
Health services .....											
Offices and clinics of medical doctors .....	801	12.92	12.94	13.51	13.58	-	423.78	420.55	449.88	450.86	-
Offices and clinics of dentists .....	802	12.69	12.68	13.43	13.51	-	354.05	355.04	385.44	387.74	-
Offices and clinics of other health practitioners .....	804	11.80	11.79	12.18	12.20	-	349.28	347.81	371.49	374.54	-
Nursing and personal care facilities .....	805	8.91	8.96	9.17	9.17	-	284.23	287.62	297.11	297.11	-
Intermediate care facilities .....	8052	8.29	8.31	8.61	8.61	-	261.96	263.43	273.80	272.94	-
Hospitals .....	806	14.59	14.64	14.91	14.90	-	500.44	500.69	515.89	517.03	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Apr. 1997 <sup>P</sup>
<b>Services—Continued</b>											
Health services—Continued											
Home health care services .....	808	27.8	27.5	28.8	28.8	-	-	-	-	-	-
Legal services .....	81	34.7	34.5	35.5	35.4	-	-	-	-	-	-
Social services .....	83	30.8	30.7	31.4	31.2	-	-	-	-	-	-
Individual and family services .....	832	30.9	30.8	31.7	31.5	-	-	-	-	-	-
Job training and related services .....	833	30.5	30.5	31.1	30.9	-	-	-	-	-	-
Child day care services .....	835	29.6	29.5	30.1	29.8	-	-	-	-	-	-
Residential care .....	836	31.6	31.7	32.2	32.2	-	-	-	-	-	-
Social services, nec .....	839	31.5	31.3	32.3	32.3	-	-	-	-	-	-
Membership organizations:											
Professional organizations .....	862	34.3	34.3	35.2	35.2	-	-	-	-	-	-
Engineering and management services											
Engineering and architectural services .....	87	37.3	37.2	37.9	37.9	-	-	-	-	-	-
Engineering services .....	871	38.7	38.7	39.5	39.4	-	-	-	-	-	-
Architectural services .....	8711	39.0	38.9	39.8	39.8	-	-	-	-	-	-
Surveying services .....	8712	37.8	38.0	39.1	38.7	-	-	-	-	-	-
Accounting, auditing, and bookkeeping .....	8713	37.5	37.6	37.6	37.3	-	-	-	-	-	-
Research and testing services .....	872	38.6	38.7	37.9	38.8	-	-	-	-	-	-
Commercial physical research .....	873	36.2	36.1	37.0	36.7	-	-	-	-	-	-
Commercial nonphysical research .....	8731	39.9	39.8	40.7	40.4	-	-	-	-	-	-
Noncommercial research organizations .....	8732	29.7	29.6	30.6	30.3	-	-	-	-	-	-
Management and public relations .....	8733	35.7	35.6	37.1	36.8	-	-	-	-	-	-
Management services .....	874	35.8	35.4	36.7	36.5	-	-	-	-	-	-
Management consulting services .....	8741	34.6	34.1	36.0	35.9	-	-	-	-	-	-
Public relations services .....	8742	36.2	35.4	37.3	36.7	-	-	-	-	-	-
Services, nec .....	8743	35.7	34.7	36.3	36.3	-	-	-	-	-	-
Services, nec .....	89	36.1	35.9	36.4	35.8	-	-	-	-	-	-

See footnotes at end of table.

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

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Services—Continued</b>											
Health services—Continued											
Home health care services .....	808	\$11.10	\$11.15	\$11.34	\$11.32	-	\$308.58	\$306.63	\$326.59	\$326.02	-
Legal services .....	81	16.42	16.42	17.33	17.38	-	569.77	566.49	615.22	615.25	-
Social services .....	83	8.48	6.48	8.76	8.77	-	261.18	260.34	275.06	273.62	-
Individual and family services .....	832	9.01	9.00	9.32	9.31	-	278.41	277.20	295.44	293.27	-
Job training and related services .....	833	8.22	8.16	8.55	8.56	-	250.71	248.88	265.91	264.50	-
Child day care services .....	835	7.30	7.27	7.49	7.51	-	216.08	214.47	225.45	223.80	-
Residential care .....	836	8.64	8.65	8.85	8.87	-	273.02	274.21	284.97	285.61	-
Social services, nec .....	839	10.03	10.13	10.59	10.58	-	315.95	317.07	342.06	341.73	-
Membership organizations:											
Professional organizations .....	862	16.23	16.27	17.39	17.38	-	556.69	558.06	612.13	611.78	-
Engineering and management services .....	87	16.09	16.17	16.98	16.98	-	600.16	601.52	642.78	643.54	-
Engineering and architectural services .....	871	17.82	17.84	18.73	18.84	-	689.63	690.41	739.84	742.30	-
Engineering services .....	8711	18.50	18.56	19.54	19.65	-	721.50	721.96	777.69	782.07	-
Architectural services .....	8712	16.28	16.21	16.82	16.97	-	615.38	615.98	657.66	658.74	-
Surveying services .....	8713	12.73	12.77	13.19	13.28	-	477.38	480.15	495.94	495.34	-
Accounting, auditing, and bookkeeping .....	872	13.94	14.04	14.43	14.50	-	538.08	543.95	546.90	562.60	-
Research and testing services .....	873	17.00	17.10	17.87	17.86	-	615.40	617.31	661.19	655.46	-
Commercial physical research .....	8731	19.43	19.36	20.13	20.01	-	775.26	767.45	819.29	808.40	-
Commercial nonphysical research .....	8732	12.79	13.02	13.91	14.01	-	379.86	385.39	425.65	424.50	-
Noncommercial research organizations .....	8733	19.50	19.73	20.66	20.66	-	696.15	702.39	773.91	767.65	-
Management and public relations .....	874	15.07	15.17	16.14	16.08	-	539.51	537.02	592.34	566.92	-
Management services .....	8741	13.47	13.70	14.49	14.44	-	466.08	467.17	521.84	518.40	-
Management consulting services .....	8742	17.24	17.35	18.23	18.12	-	624.09	614.19	679.98	665.00	-
Public relations services .....	8743	13.72	14.10	14.96	14.95	-	489.80	489.27	543.77	542.89	-
Services, nec .....	89	15.70	15.85	17.18	17.14	-	566.77	569.02	624.62	613.61	-

<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> See table B-15a for average hourly earnings in aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3781) manufacturing.

<sup>3</sup> Data relate to line-haul railroads with operating revenues of \$253.7 million or more in 1993 and to Amtrak.

<sup>4</sup> Money payments only; tips, not included.

<sup>5</sup> Excludes nonoffice commissioned real estate sales agents.

- Data not available.

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1995 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1995 forward are subject to revision.

# A Note on Average Hourly Earnings in Aircraft (SIC 3721) and Guided Missiles and Space Vehicles (SIC 3761) Manufacturing

For many years, the Bureau of Labor Statistics average hourly earnings series for production workers in aircraft manufacturing (SIC 3721) and guided missiles and space vehicles manufacturing (SIC 3761) have been used to escalate labor costs in contracts between aerospace companies and their customers. Although the Bureau's series by definition take account of traditional wage rate changes, they do not capture "lump-sum payments to workers in lieu of general wage increases" which were negotiated in aerospace manufacturers' collective bargaining agreements beginning in late 1983.

Because of special circumstances in the aerospace industry, BLS has calculated average hourly earnings series for SIC 3721 and SIC 3761 which include lump-sum payments. These series, beginning in October 1983, the effective date of the first aerospace bargaining agreement using lump-sum payments, were published in the June 1988 issue of *Employment and Earnings*. Current and year earlier data are presented in table B-15a along with the average hourly earnings series produced as part of the Current Employment Statistics program. An explanation of the methodology used to derive these series appears in the Explanatory Notes of this publication.

**B-15a. Average hourly earnings in aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing**

Series	Aircraft (SIC 3721)				Guided missiles and space vehicles (SIC 3761)			
	Feb. 1996	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Feb. 1996	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
Average hourly earnings, excluding lump-sum payments .....	\$20.34	\$20.49	\$20.63	\$20.72	\$18.90	\$19.04	\$20.67	\$20.76
Average hourly earnings, including lump-sum payments .....	20.66	20.81	21.02	21.09	18.90	19.04	20.67	20.76

<sup>P</sup> = preliminary.



**ESTABLISHMENT DATA  
EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-16. Average hourly earnings, excluding overtime,<sup>1</sup> of production workers on manufacturing payrolls**

Industry	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Manufacturing</b> .....	<b>\$11.84</b>	<b>\$12.11</b>	<b>\$12.36</b>	<b>\$12.39</b>	<b>\$12.41</b>
<b>Durable goods</b> .....	<b>12.39</b>	<b>12.60</b>	<b>12.85</b>	<b>12.87</b>	<b>12.90</b>
Lumber and wood products .....	9.82	9.84	10.11	10.10	(2)
Furniture and fixtures .....	9.67	9.71	9.99	10.05	(2)
Stone, clay, and glass products .....	11.87	11.98	12.30	12.23	(2)
Primary metal industries .....	13.83	14.06	14.09	14.12	(2)
Fabricated metal products .....	11.89	11.81	12.05	12.06	(2)
Industrial machinery and equipment .....	12.64	12.76	13.08	13.11	(2)
Electronic and other electrical equipment .....	11.38	11.48	11.87	11.91	(2)
Transportation equipment .....	15.77	16.19	16.28	16.33	(2)
Instruments and related products .....	12.42	12.51	12.80	12.63	(2)
Miscellaneous manufacturing .....	9.88	9.97	10.19	10.16	(2)
<b>Nondurable goods</b> .....	<b>11.30</b>	<b>11.39</b>	<b>11.63</b>	<b>11.66</b>	<b>\$11.69</b>
Food and kindred products .....	10.56	10.65	10.74	10.83	(2)
Tobacco products .....	18.32	19.18	18.02	18.93	(2)
Textile mill products .....	9.10	9.18	9.40	9.40	(2)
Apparel and other textile products .....	7.66	7.74	7.96	7.99	(2)
Paper and allied products .....	13.66	13.75	13.96	14.06	(2)
Printing and publishing .....	12.04	12.07	12.40	12.43	(2)
Chemicals and allied products .....	15.17	15.32	15.61	15.55	(2)
Petroleum and coal products .....	17.98	18.05	19.09	19.20	(2)
Rubber and misc. plastics products .....	10.64	10.68	10.89	10.92	(2)
Leather and leather products .....	8.26	8.23	8.69	8.63	(2)

<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 1995 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1995 forward are subject to revision.

**ESTABLISHMENT DATA  
EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-17. Average hourly and weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry, in current and constant (1982) dollars**

Industry	Average hourly earnings					Average weekly earnings				
	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>	Mar. 1996	Apr. 1996	Feb. 1997	Mar. 1997 <sup>p</sup>	Apr. 1997 <sup>p</sup>
<b>Total private:</b>										
Current dollars .....	\$11.69	\$11.75	\$12.14	\$12.17	\$12.18	\$399.80	\$400.68	\$418.83	\$421.08	\$418.99
Constant (1982) dollars .....	7.41	7.41	7.50	7.51	( <sup>a</sup> )	253.36	252.79	258.86	259.93	( <sup>a</sup> )
<b>Mining:</b>										
Current dollars .....	15.51	15.55	16.05	16.03	\$16.18	697.95	698.20	731.88	729.37	\$728.10
Constant (1982) dollars .....	9.83	9.81	9.92	9.90	( <sup>a</sup> )	442.30	440.50	452.34	450.23	( <sup>a</sup> )
<b>Construction:</b>										
Current dollars .....	15.13	15.19	15.65	15.84	\$15.72	576.45	586.33	585.31	599.01	\$608.36
Constant (1982) dollars .....	9.59	9.58	9.67	9.65	( <sup>a</sup> )	385.30	369.92	361.75	369.76	( <sup>a</sup> )
<b>Manufacturing:</b>										
Current dollars .....	12.54	12.73	13.02	13.08	\$13.10	517.90	524.48	541.63	549.36	\$547.58
Constant (1982) dollars .....	7.95	8.03	8.05	8.07	( <sup>a</sup> )	328.20	330.90	334.75	339.11	( <sup>a</sup> )
<b>Transportation and public utilities:</b>										
Current dollars .....	14.44	14.49	14.67	14.68	\$14.76	570.38	568.01	583.87	584.26	\$584.50
Constant (1982) dollars .....	9.15	9.14	9.07	9.06	( <sup>a</sup> )	361.46	358.37	360.88	360.65	( <sup>a</sup> )
<b>Wholesale trade:</b>										
Current dollars .....	12.67	12.76	13.23	13.25	\$13.30	482.73	486.16	509.36	510.13	\$509.39
Constant (1982) dollars .....	8.03	8.05	8.18	8.18	( <sup>a</sup> )	305.91	306.73	314.81	314.90	( <sup>a</sup> )
<b>Retail trade:</b>										
Current dollars .....	7.90	7.92	8.23	8.26	\$8.28	225.15	224.93	236.20	237.89	\$236.81
Constant (1982) dollars .....	5.01	5.00	5.09	5.10	( <sup>a</sup> )	142.68	141.91	145.98	146.85	( <sup>a</sup> )
<b>Finance, insurance, and real estate:</b>										
Current dollars .....	12.74	12.76	13.16	13.22	\$13.14	454.82	454.28	482.97	482.53	\$470.41
Constant (1982) dollars .....	8.07	8.05	8.13	8.16	( <sup>a</sup> )	288.23	286.60	298.50	297.86	( <sup>a</sup> )
<b>Services:</b>										
Current dollars .....	11.72	11.72	12.25	12.28	\$12.22	377.38	377.38	400.58	399.68	\$395.93
Constant (1982) dollars .....	7.43	7.39	7.57	7.57	( <sup>a</sup> )	239.15	238.09	247.58	246.72	( <sup>a</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>a</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 1995 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1995 forward are subject to revision.

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

**B-18. Average hours and earnings of production workers on manufacturing payrolls in States and selected area**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>Alabama</b> .....	41.2	41.6	41.7	\$11.40	\$11.65	\$11.72	\$469.68	\$484.64	\$488.72
Birmingham .....	41.8	43.0	43.1	12.45	12.68	12.66	520.41	545.24	545.65
Mobile .....	43.8	42.7	44.0	13.40	14.00	13.91	586.92	597.80	612.04
<b>Alaska</b> .....	51.0	51.7	60.3	10.05	10.41	10.05	512.55	538.20	606.02
<b>Arizona</b> .....	43.0	41.1	41.1	11.38	11.50	11.67	489.34	472.65	479.64
<b>Arkansas</b> .....	41.0	40.7	41.0	10.23	10.63	10.59	419.43	432.64	434.19
Fayetteville-Springdale-Rogers .....	40.6	40.7	40.5	9.73	10.28	10.15	395.04	418.40	411.08
Fort Smith .....	42.0	39.9	39.2	10.08	10.60	10.55	423.36	422.94	413.56
Little Rock-North Little Rock .....	41.5	39.1	41.5	10.99	11.40	11.45	456.09	445.74	475.18
Pine Bluff .....	44.2	41.4	41.3	11.33	12.05	12.14	500.79	498.87	501.38
<b>California</b> .....	41.2	41.4	42.1	12.70	13.03	13.08	523.24	539.44	550.67
Bakersfield .....	41.1	41.9	41.8	13.42	13.60	13.71	551.56	569.84	573.08
Fresno .....	40.7	40.2	40.5	11.17	11.56	11.50	454.62	464.71	465.75
Los Angeles-Long Beach .....	42.3	42.1	42.4	11.88	12.23	12.28	502.52	514.88	520.67
Modesto .....	39.7	40.7	41.6	12.56	13.38	13.35	498.63	544.57	555.36
Oakland .....	42.5	42.3	42.7	15.25	15.67	15.76	648.13	662.84	672.95
Orange County .....	41.7	42.7	43.1	12.73	12.79	12.79	530.84	546.13	551.25
Riverside-San Bernardino .....	41.2	41.3	41.5	11.45	11.65	11.72	471.74	481.15	486.38
Sacramento .....	40.2	40.1	40.7	13.81	13.99	13.96	555.16	561.00	568.17
Salinas .....	38.5	37.5	37.1	13.57	13.74	13.68	522.45	515.25	507.53
San Diego .....	39.3	39.9	40.0	12.56	12.89	12.99	493.61	514.31	519.60
San Francisco .....	40.7	40.5	40.8	13.46	14.18	14.21	547.82	574.29	579.77
San Jose .....	41.7	41.5	41.5	15.79	16.09	16.21	658.44	667.74	672.72
Santa Barbara-Santa Maria-Lompoc .....	40.9	41.1	41.4	12.78	13.57	13.59	522.70	557.73	562.83
Santa Rosa .....	39.1	39.6	39.7	14.26	14.83	14.78	557.57	587.27	586.77
Stockton-Lodi .....	41.4	41.0	42.5	12.84	13.06	13.19	531.58	535.46	560.58
Vallejo-Fairfield-Napa .....	39.9	41.4	41.3	14.28	15.36	15.26	569.77	635.90	630.24
Ventura .....	41.7	42.1	41.8	12.26	12.37	12.35	511.24	520.78	516.23
<b>Colorado</b> .....	40.4	41.4	41.3	12.64	13.07	13.23	510.66	541.10	546.40
Denver .....	40.3	40.7	40.2	12.75	12.80	13.06	513.83	520.96	525.01
<b>Connecticut</b> .....	43.0	42.1	42.3	13.94	14.20	14.28	599.42	597.82	604.04
Bridgeport .....	42.6	42.8	42.5	14.45	14.87	14.98	615.57	636.44	636.65
Danbury .....	46.6	43.8	43.0	14.09	14.72	14.80	656.59	644.74	636.40
Hartford .....	42.9	42.0	42.9	14.40	15.04	15.16	617.76	631.68	650.36
New Haven-Meriden .....	41.3	42.1	42.1	13.23	14.01	14.10	546.40	589.82	593.61
New London-Norwich .....	43.3	42.3	42.5	14.64	14.58	14.74	633.91	616.73	626.45
Stamford-Norwalk .....	40.0	41.9	41.5	13.93	13.88	13.86	557.20	581.57	575.19
Waterbury .....	43.7	44.5	44.8	12.96	13.46	13.48	566.35	598.97	603.90
<b>Delaware</b> .....	40.4	41.5	41.4	13.74	14.56	14.68	555.10	604.24	607.75
Dover .....	41.0	39.6	40.5	12.56	13.25	13.35	514.96	524.70	540.68
Wilmington-Newark .....	42.0	43.1	42.7	16.67	17.72	17.79	700.14	763.73	759.63
<b>District of Columbia:</b>									
Washington PMSA .....	39.7	37.8	39.8	13.44	13.77	13.62	533.57	520.51	542.08
<b>Florida</b> .....	41.0	41.4	41.4	10.40	10.72	10.79	426.40	443.81	446.71
<b>Georgia</b> .....	42.0	41.9	42.3	10.99	11.46	11.47	461.58	480.17	485.18
Atlanta .....	42.0	42.4	42.7	11.78	12.52	12.50	494.76	530.85	533.75
Savannah .....	47.5	48.8	48.0	13.90	14.09	14.04	660.25	687.59	673.92
<b>Hawaii</b> .....	38.1	38.7	41.0	12.78	13.24	12.98	486.92	512.39	532.18
Honolulu .....	39.2	40.3	40.6	13.09	13.14	13.09	513.13	529.54	531.45
<b>Idaho</b> .....	38.9	39.6	39.5	12.33	12.70	12.73	479.64	502.92	502.84
<b>Illinois</b> .....	41.5	42.0	42.2	12.92	13.25	13.30	536.18	556.50	561.26
Bloomington-Normal .....	40.7	43.6	43.5	16.90	17.93	17.96	687.83	781.75	781.26
Champaign-Urbana .....	41.0	41.3	41.1	10.61	10.75	10.76	435.01	443.98	442.24
Chicago .....	41.8	41.9	42.1	12.82	13.14	13.19	535.88	550.57	555.30
Davenport-Moline-Rock Island .....	41.8	41.6	41.9	14.94	15.20	15.24	624.49	632.32	638.56
Decatur .....	41.6	42.9	42.4	15.77	16.34	16.30	656.03	700.99	691.12
Kankakee .....	40.9	41.4	41.2	13.78	14.49	14.51	563.60	599.89	597.81
Peoria-Pekin .....	40.4	42.2	42.5	16.21	16.44	16.47	654.88	693.77	699.98
Rockford .....	41.9	42.6	43.0	14.82	14.89	14.82	620.96	634.31	637.26
Springfield .....	41.0	43.1	42.1	11.72	11.83	11.86	480.52	509.87	499.31

See footnotes at end of table.

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

**B-18. Average hours and earnings of production workers on manufacturing payrolls in States and selected area — Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P	Mar. 1996	Feb. 1997	Mar. 1997P
<b>Indiana</b> .....	42.5	42.8	43.3	\$13.99	\$14.77	\$14.72	\$594.58	\$632.16	\$637.38
Bloomington .....	37.1	41.0	40.3	10.68	12.81	12.99	396.23	525.21	523.50
Elkhart-Goshen .....	39.7	40.0	40.3	12.23	12.33	12.19	485.53	493.20	491.26
Evansville-Henderson .....	41.5	43.1	43.6	12.86	14.38	14.19	533.69	619.78	618.68
Fort Wayne .....	41.0	41.6	41.7	14.21	14.50	14.57	582.61	603.20	607.57
Gary .....	42.4	42.7	43.1	18.79	18.60	18.66	796.70	794.22	804.25
Indianapolis .....	43.3	44.2	44.2	15.24	15.74	15.82	659.89	695.71	699.24
Kokomo .....	53.3	46.1	48.7	18.97	19.00	18.28	1011.10	875.90	890.24
Lafayette .....	43.2	43.7	43.2	14.73	14.53	14.73	636.34	634.96	636.34
Muncie .....	43.5	43.9	43.3	14.83	14.38	14.40	645.11	631.28	623.52
South Bend .....	43.1	42.0	42.9	12.04	12.93	12.74	518.92	543.06	546.55
Terre Haute .....	42.3	41.9	41.9	13.59	14.72	14.64	574.86	616.77	613.42
<b>Iowa</b> .....	42.1	41.9	42.2	12.95	13.32	13.39	545.20	558.11	565.06
Cedar Rapids .....	40.6	44.1	42.9	16.06	15.66	16.21	652.04	690.61	695.41
Des Moines .....	41.7	41.3	43.5	13.84	13.64	13.47	577.13	563.33	585.95
Dubuque .....	41.2	41.3	41.1	13.96	14.72	14.79	575.15	607.94	607.87
Sioux City .....	38.7	38.5	39.5	10.53	11.08	11.01	407.51	428.58	434.90
<b>Kansas</b> .....	41.7	42.0	42.4	12.59	13.22	13.33	525.00	555.24	565.19
Topeka .....	44.0	44.5	42.4	14.03	14.64	14.62	617.32	651.48	619.89
Wichita .....	44.4	43.9	43.7	14.67	15.37	15.50	651.35	674.74	677.35
<b>Kentucky</b> .....	40.7	41.5	42.0	12.47	13.06	13.14	507.53	541.99	551.88
Lexington .....	41.7	42.5	43.0	13.25	13.75	13.83	552.53	564.38	594.69
Louisville .....	40.8	42.3	42.1	13.92	14.36	14.39	567.94	607.43	605.82
<b>Louisiana</b> .....	44.0	42.4	44.2	13.31	14.20	14.00	585.64	602.08	618.80
Baton Rouge .....	43.8	43.0	42.7	16.13	16.20	16.01	706.49	696.60	683.63
New Orleans .....	44.7	45.3	45.8	14.05	14.44	14.22	628.04	654.13	651.28
Shreveport-Bossier City .....	41.5	42.7	42.8	12.66	14.04	13.91	525.39	599.51	595.35
<b>Maine</b> .....	40.0	39.9	40.2	12.35	13.07	12.99	494.00	521.49	522.20
Lewiston-Auburn .....	37.9	41.3	40.7	10.94	11.36	10.85	414.63	469.17	441.60
Portland .....	38.3	37.5	36.7	11.02	11.17	10.98	422.07	418.88	402.97
<b>Maryland</b> .....	40.9	40.7	41.1	13.43	14.02	14.13	549.29	570.61	580.74
Baltimore PMSA .....	41.2	41.2	41.3	14.17	14.78	14.82	583.80	608.94	612.07
<b>Massachusetts</b> .....	42.0	41.9	42.1	13.03	13.23	13.31	547.26	554.34	560.35
Boston .....	41.9	41.7	41.8	13.97	14.32	14.42	585.34	597.14	602.76
Springfield .....	41.7	41.0	41.8	12.55	12.80	12.81	523.34	524.80	535.46
Worcester .....	41.9	42.0	42.4	12.69	13.20	13.20	531.71	554.40	559.68
<b>Michigan</b> .....	41.1	44.3	44.5	15.97	16.91	17.02	656.37	749.11	757.39
Ann Arbor .....	40.5	45.2	43.7	16.54	17.46	17.74	669.87	789.19	775.24
Detroit .....	43.4	45.3	46.0	17.93	18.38	18.54	778.16	832.61	852.84
Flint .....	35.3	47.1	47.0	20.07	21.95	22.12	708.47	1039.84	1039.64
Grand Rapids-Muskegon-Holland .....	39.9	41.8	42.1	13.87	14.68	14.68	553.41	613.62	618.03
Jackson .....	39.8	41.6	40.3	12.61	13.03	12.98	501.88	542.05	523.09
Kalamazoo-Battle Creek .....	41.5	44.8	45.0	15.40	15.66	15.66	639.10	701.57	704.70
Lansing East Lansing .....	40.5	44.6	44.5	15.43	18.27	18.56	624.91	814.84	825.92
Saginaw-Bay City-Midland .....	41.8	48.7	48.7	18.45	20.27	20.34	771.21	987.15	990.56
<b>Minnesota</b> .....	41.5	41.0	41.1	13.08	13.54	13.56	542.82	555.14	557.32
Duluth-Superior .....	41.3	40.5	37.5	11.25	11.67	12.19	464.63	472.64	457.13
Minneapolis-St. Paul .....	41.8	40.9	41.2	14.07	14.47	14.53	588.13	591.82	598.64
St. Cloud .....	41.7	41.4	42.2	12.21	12.39	12.41	509.16	512.95	523.70
<b>Mississippi</b> .....	41.1	41.3	41.0	10.11	10.35	10.35	415.52	427.46	424.35
Jackson .....	40.2	42.4	43.2	11.08	11.85	11.91	445.42	502.44	514.51
<b>Missouri</b> .....	41.2	41.1	41.2	12.33	12.73	12.79	508.00	523.20	526.95
Kansas City .....	42.8	42.5	42.8	14.02	14.02	14.12	600.06	595.85	604.34
St. Louis .....	42.4	43.0	42.7	15.18	15.25	15.22	643.63	655.75	649.89
Springfield .....	40.3	38.2	38.6	10.54	11.02	11.07	424.76	420.96	427.30
<b>Montana</b> .....	38.7	39.6	39.1	13.02	13.13	13.24	503.87	519.95	517.68
<b>Nebraska</b> .....	41.4	40.3	40.7	11.35	11.94	11.93	469.89	481.18	485.55
Lincoln .....	42.7	44.2	44.9	12.87	13.48	13.43	549.55	595.82	603.01
Omaha .....	41.2	41.9	41.9	12.59	13.10	13.14	518.71	548.89	550.57
<b>Nevada</b> .....	39.5	42.6	42.5	13.76	14.36	14.22	543.52	611.74	604.35
Las Vegas .....	41.9	37.9	37.7	14.85	15.85	15.51	622.22	600.72	584.73

See footnotes at end of table.

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

**B-18. Average hours and earnings of production workers on manufacturing payrolls in States and selected area — Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>New Hampshire</b> .....	42.2	41.7	42.3	\$12.03	\$12.45	\$12.30	\$507.67	\$519.17	\$520.29
Manchester .....	41.8	41.0	42.8	12.27	13.24	13.16	512.89	542.84	563.25
Nashua .....	42.1	41.9	41.4	14.77	14.79	14.61	621.82	619.70	604.85
Portsmouth-Rochester .....	41.8	40.6	42.5	12.14	11.87	11.30	507.45	481.92	480.25
<b>New Jersey</b> .....	42.1	41.7	42.0	13.76	14.12	14.16	579.30	588.80	594.72
<b>New Mexico</b> .....	40.3	40.1	40.4	10.87	11.12	11.14	438.06	445.91	450.06
Albuquerque .....	41.0	40.9	41.4	10.99	11.70	11.91	450.59	478.53	493.07
<b>New York</b> .....	40.4	40.8	41.3	12.52	13.04	13.09	505.81	532.03	540.62
Albany-Schenectady-Troy .....	40.1	41.4	41.3	13.84	14.45	14.53	554.98	598.23	600.09
Binghamton .....	41.1	40.4	41.3	10.27	10.04	10.06	422.10	405.62	415.48
Buffalo-Niagara Falls .....	41.6	43.0	43.7	15.44	16.27	16.47	642.30	699.61	719.74
Dutchess County .....	37.3	38.7	38.8	11.48	11.95	11.96	428.20	462.47	464.05
Elmira .....	42.7	40.5	40.4	11.94	11.92	12.23	509.84	482.76	494.09
Nassau-Suffolk .....	39.7	39.6	40.3	11.89	12.06	12.06	472.03	477.58	486.02
New York PMSA .....	38.8	38.6	39.2	11.40	11.89	11.92	442.32	458.95	467.26
New York City .....	38.6	38.2	38.8	11.15	11.70	11.73	430.39	446.94	455.12
Newburgh .....	40.9	41.6	42.1	11.00	11.45	11.36	449.90	476.32	478.26
Rochester .....	42.8	42.5	43.1	14.13	14.78	14.71	604.76	628.15	634.00
Rockland County .....	43.6	43.7	42.8	15.10	15.49	15.51	658.36	676.91	663.83
Syracuse .....	43.1	43.2	43.2	13.76	14.10	14.28	593.06	809.12	616.90
Utica-Rome .....	40.0	40.3	39.9	11.39	11.70	11.67	455.60	471.51	465.63
Westchester County .....	39.2	41.1	41.2	12.07	12.04	12.11	473.14	494.84	498.93
<b>North Carolina</b> .....	40.4	40.0	41.2	10.80	11.21	11.25	436.32	448.40	463.50
Asheville .....	41.2	39.9	42.3	10.40	10.91	10.94	428.48	435.31	462.76
Charlotte-Gastonia-Rock Hill .....	40.5	40.6	41.4	11.48	12.16	12.13	464.94	493.70	502.18
Greensboro--Winston-Salem--High Point .....	40.3	39.2	40.2	11.08	11.43	11.44	446.52	448.06	459.89
Raleigh-Durham-Chapel Hill .....	41.8	41.1	41.8	11.69	12.21	12.33	488.64	501.83	515.39
<b>North Dakota</b> .....	40.9	41.6	40.8	10.83	11.23	11.27	442.95	467.17	459.82
Fargo-Moorhead .....	41.8	39.1	38.6	11.06	10.85	10.67	462.31	424.24	411.86
<b>Ohio</b> .....	42.3	43.6	43.9	14.29	14.91	15.05	604.47	650.08	660.70
Akron .....	42.6	43.2	43.0	12.16	12.68	12.68	518.02	547.78	545.24
Canton-Massillon .....	40.7	41.4	41.3	12.99	13.25	13.26	528.69	548.55	547.64
Cincinnati .....	42.4	42.9	43.3	14.14	14.13	14.30	599.54	606.18	619.19
Cleveland-Lorain-Elyria .....	42.8	43.7	44.1	14.36	14.78	15.01	614.61	645.89	661.94
Columbus .....	41.7	42.5	42.7	13.43	13.95	14.20	560.03	592.88	606.34
Dayton-Springfield .....	42.6	44.9	45.2	14.79	15.99	16.01	630.05	717.95	723.65
Hamilton-Middletown .....	45.6	45.0	46.1	16.28	16.28	16.68	742.37	732.60	768.95
Lima .....	42.9	44.0	43.3	15.03	15.77	15.80	644.79	693.88	684.14
Mansfield .....	41.6	44.6	45.3	15.10	16.00	16.22	628.16	713.60	734.77
Staubenville-Weirton .....	43.2	42.9	42.6	16.52	15.17	15.35	713.66	650.79	653.91
Toledo .....	43.5	44.3	45.2	16.16	16.64	16.80	702.96	737.15	759.36
Youngstown-Warren .....	40.8	43.7	44.1	14.63	16.19	16.15	596.90	707.50	712.22
<b>Oklahoma</b> .....	40.8	41.5	42.1	11.23	12.35	12.44	458.18	512.53	523.72
Oklahoma City .....	38.2	42.7	42.7	12.15	14.10	14.23	464.13	602.07	607.62
Tulsa .....	41.7	41.8	40.4	12.26	12.59	12.59	511.24	526.26	508.64
<b>Oregon</b> .....	40.0	40.7	41.2	13.00	13.26	13.24	520.00	539.68	545.49
Eugene-Springfield .....	40.5	40.0	41.8	12.83	13.00	12.63	519.62	520.00	527.93
Medford-Ashland .....	39.6	40.8	40.9	11.69	11.90	11.94	462.92	485.52	488.35
Portland-Vancouver .....	40.4	41.4	42.3	12.98	13.23	13.17	524.39	547.72	557.09
Salem .....	38.5	40.5	39.9	11.44	11.72	11.73	440.44	474.66	468.03
<b>Pennsylvania</b> .....	41.2	41.7	42.4	13.21	13.63	13.70	544.25	568.37	580.88
Allentown-Bethlem-Easton .....	41.3	41.8	42.3	13.36	13.63	13.66	551.77	569.73	577.82
Altoona .....	39.7	40.6	41.0	11.16	11.05	11.20	443.05	448.63	459.20
Erie .....	42.2	44.3	44.5	13.31	13.83	13.93	561.68	612.67	619.89
Harrisburg-Lebanon-Carlisle .....	39.4	39.6	40.0	12.59	12.98	13.05	496.05	514.01	522.00
Johnstown .....	39.9	40.1	40.8	9.94	10.05	9.95	396.61	403.01	405.96
Lancaster .....	40.5	40.2	40.8	12.73	13.08	13.09	515.57	525.82	534.07
Philadelphia PMSA .....	40.8	41.4	41.8	14.30	14.53	14.62	583.44	601.54	611.12
Pittsburgh .....	42.3	42.7	43.1	14.24	14.68	14.64	602.35	626.84	630.98
Reading .....	41.8	41.9	43.0	14.11	14.78	15.14	589.80	619.28	651.02
Scranton--Wilkes-Barre--Hazleton .....	40.1	40.4	41.4	11.79	12.21	12.08	472.78	493.28	500.11
Sharon .....	42.7	44.2	44.9	13.91	14.39	14.52	593.96	636.04	651.95
State College .....	43.3	42.2	41.5	11.60	11.81	11.79	502.28	498.38	489.29
Williamsport .....	40.6	41.9	42.1	11.06	11.35	11.26	449.04	475.57	474.05
York .....	42.0	42.3	42.8	13.28	13.65	14.11	557.76	577.40	603.91

See footnotes at end of table.

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

**B-18. Average hours and earnings of production workers on manufacturing payrolls in States and selected area — Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>Rhode Island</b> .....	40.8	40.4	40.3	\$10.85	\$11.13	\$11.14	\$442.68	\$449.65	\$448.94
Providence-Fall River-Warwick .....	40.4	41.1	40.8	10.89	11.40	11.50	439.96	468.54	469.20
<b>South Carolina</b> .....	41.9	41.8	41.9	10.23	10.32	10.32	428.64	431.38	432.41
<b>South Dakota</b> .....	41.1	41.9	41.9	9.45	9.90	9.93	388.40	414.81	416.07
Rapid City .....	40.2	40.3	40.3	9.55	9.66	9.65	383.91	389.30	388.90
Sioux Falls .....	42.1	41.6	41.7	9.89	10.19	10.24	416.37	423.90	427.01
<b>Tennessee</b> .....	40.1	40.8	40.9	11.17	11.39	11.46	447.92	464.71	468.71
Chattanooga .....	41.2	42.3	43.3	10.81	10.62	10.68	445.37	449.23	462.44
Johnson City-Kingsport-Bristol .....	39.4	40.0	39.8	11.38	12.44	12.47	448.37	497.60	496.31
Knoxville .....	39.5	39.4	40.1	10.88	10.89	10.91	429.76	429.07	437.49
Memphis .....	40.8	42.2	41.7	11.58	12.02	12.26	472.46	507.24	511.24
Nashville .....	40.2	40.9	40.6	11.53	12.23	12.29	463.51	500.21	498.97
<b>Texas</b> .....	42.5	43.0	43.3	11.76	11.99	12.02	499.80	515.57	520.47
Dallas .....	43.2	43.6	43.7	11.43	12.14	12.17	493.78	529.30	531.83
Ft. Worth-Arlington .....	42.2	43.8	44.3	12.29	12.60	12.69	518.64	551.88	562.17
Houston .....	44.6	45.1	45.0	14.02	13.63	13.63	625.29	614.71	613.35
San Antonio .....	41.2	40.4	41.0	9.32	9.61	9.69	383.98	388.24	397.29
<b>Utah</b> .....	39.8	40.0	40.1	12.09	12.81	12.94	481.16	512.40	518.89
Salt Lake City-Ogden .....	40.1	39.9	39.9	12.14	12.60	12.69	486.81	502.74	506.33
<b>Vermont</b> .....	40.6	40.2	40.0	12.31	12.48	12.64	499.79	501.70	505.60
Burlington .....	43.6	43.7	43.4	12.51	13.04	13.18	545.44	569.85	572.01
<b>Virginia</b> .....	41.9	41.3	42.0	12.03	12.33	12.39	504.06	509.23	520.38
Bristol .....	40.9	43.2	42.2	10.10	9.79	10.75	413.09	422.93	453.65
Charlottesville .....	41.6	42.7	44.3	10.19	9.75	10.15	423.90	416.33	449.65
Danville .....	41.3	41.9	44.5	11.54	12.18	12.38	476.60	510.34	550.91
Lynchburg .....	41.2	40.5	40.9	11.78	11.90	12.02	485.34	481.95	491.62
Northern Virginia .....	42.2	39.8	41.5	12.21	12.19	12.64	515.26	485.16	524.56
Richmond-Petersburg .....	43.5	42.2	42.2	15.58	15.52	15.61	677.73	654.94	658.74
Roanoke .....	40.2	38.2	40.0	12.90	13.98	13.96	518.58	534.04	558.40
<b>Washington</b> .....	40.8	39.7	39.9	14.66	15.10	15.15	598.13	599.47	604.49
<b>West Virginia</b> .....	41.2	41.5	41.6	12.73	12.90	12.93	524.48	535.35	537.89
Charleston .....	46.7	46.7	45.7	13.86	14.26	14.41	647.26	665.94	658.54
Huntington-Ashland .....	39.1	42.5	42.3	14.35	14.85	14.76	561.09	631.13	624.35
Parkersburg-Marietta .....	40.9	43.9	44.1	16.12	16.58	16.61	659.31	727.86	732.50
Wheeling .....	40.0	39.5	41.3	15.09	13.64	14.42	603.60	538.78	595.55
<b>Wisconsin</b> .....	41.8	42.2	41.6	12.92	13.52	13.57	540.06	570.54	564.51
Appleton-Oshkosh-Neenah .....	43.9	44.7	43.7	14.06	14.48	14.59	617.23	647.28	637.58
Eau Claire .....	49.0	43.9	42.8	13.31	13.02	12.71	652.19	571.58	543.99
Green Bay .....	42.8	42.1	42.0	13.98	14.59	14.64	598.34	614.24	614.88
Janesville-Beloit .....	41.6	45.9	43.9	15.89	17.41	16.95	661.02	799.12	744.11
Kenosha .....	38.5	39.5	40.0	13.67	14.03	14.24	526.30	554.19	569.60
La Crosse .....	41.1	41.4	42.0	11.53	11.91	12.37	473.88	493.07	519.54
Madison .....	41.2	41.3	40.9	12.58	12.77	12.78	518.30	527.40	522.70
Milwaukee-Waukesha .....	41.2	41.8	41.9	13.88	14.71	14.78	571.86	614.88	619.28
Racine .....	40.9	41.7	41.8	13.30	13.96	13.84	543.97	582.13	578.51
Sheboygan .....	41.8	43.9	43.2	12.68	13.04	12.80	530.02	572.46	552.96
Wausau .....	42.3	41.6	42.5	12.40	13.00	13.05	524.52	540.80	554.63
<b>Wyoming</b> .....	39.4	40.3	40.3	12.54	14.33	14.32	494.08	577.50	577.10
<b>Puerto Rico</b> .....	39.6	39.6	39.6	7.54	7.88	7.95	298.58	312.05	314.82
<b>Virgin Islands</b> .....	41.9	42.2	42.4	16.74	17.51	17.73	701.41	738.92	751.75

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

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1996 benchmarks.

**HOUSEHOLD DATA  
REGIONS AND DIVISIONS  
SEASONALLY ADJUSTED**

**C-1. Employment status of the civilian population for census regions and divisions, seasonally adjusted<sup>1</sup>**

(Numbers in thousands)

Census region and division	1996									1997			
	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>NORTHEAST</b>													
Civilian noninstitutional population <sup>2</sup> .....	39,730	39,733	39,739	39,746	39,754	39,766	39,780	39,788	39,794	39,798	39,788	39,783	39,784
Civilian labor force .....	25,669	25,794	25,675	25,723	25,779	25,829	25,827	25,859	25,844	26,120	26,155	26,046	26,137
Employed .....	24,187	24,282	24,255	24,279	24,434	24,452	24,432	24,442	24,413	24,610	24,698	24,610	24,720
Unemployed .....	1,482	1,512	1,420	1,444	1,345	1,377	1,394	1,417	1,431	1,510	1,458	1,436	1,417
Unemployment rate .....	5.8	5.9	5.5	5.6	5.2	5.3	5.4	5.5	5.5	5.8	5.6	5.5	5.4
<b>New England</b>													
Civilian noninstitutional population <sup>2</sup> .....	10,300	10,304	10,307	10,313	10,318	10,323	10,329	10,333	10,339	10,342	10,341	10,343	10,346
Civilian labor force .....	7,044	7,081	7,045	6,953	7,000	7,072	7,059	7,077	7,047	7,113	7,056	7,111	7,225
Employed .....	6,706	6,716	6,702	6,833	6,708	6,739	6,727	6,753	6,705	6,774	6,758	6,780	6,875
Unemployed .....	338	365	343	320	291	332	333	324	342	339	298	331	349
Unemployment rate .....	4.8	5.2	4.9	4.6	4.2	4.7	4.7	4.6	4.9	4.8	4.2	4.7	4.8
<b>Middle Atlantic</b>													
Civilian noninstitutional population <sup>2</sup> .....	29,430	29,429	29,432	29,433	29,436	29,443	29,451	29,455	29,455	29,456	29,447	29,440	29,438
Civilian labor force .....	18,625	18,713	18,630	18,770	18,779	18,758	18,768	18,783	18,797	19,008	19,099	18,935	18,912
Employed .....	17,482	17,566	17,553	17,646	17,725	17,713	17,706	17,690	17,709	17,836	17,939	17,830	17,844
Unemployed .....	1,143	1,147	1,077	1,124	1,054	1,045	1,062	1,093	1,089	1,171	1,160	1,105	1,068
Unemployment rate .....	6.1	6.1	5.8	6.0	5.6	5.6	5.7	5.8	5.8	6.2	6.1	5.8	5.6
<b>SOUTH</b>													
Civilian noninstitutional population <sup>2</sup> .....	70,344	70,423	70,508	70,591	70,680	70,778	70,878	70,963	71,046	71,129	71,187	71,250	71,328
Civilian labor force .....	46,116	46,188	46,275	46,572	46,495	46,742	47,040	46,960	47,135	47,096	47,108	47,450	47,082
Employed .....	43,675	43,715	43,904	44,142	44,184	44,360	44,580	44,447	44,700	44,726	44,522	44,900	44,871
Unemployed .....	2,441	2,474	2,370	2,430	2,311	2,382	2,461	2,513	2,436	2,371	2,586	2,550	2,211
Unemployment rate .....	5.3	5.4	5.1	5.2	5.0	5.1	5.2	5.4	5.2	5.0	5.5	5.4	4.7
<b>South Atlantic</b>													
Civilian noninstitutional population <sup>2</sup> .....	36,337	36,376	36,419	36,461	36,504	36,555	36,604	36,647	36,689	36,731	36,759	36,790	36,829
Civilian labor force .....	23,830	23,957	23,964	24,103	24,071	24,068	24,176	24,142	24,214	24,335	24,157	24,451	24,346
Employed .....	22,643	22,736	22,791	22,883	22,911	22,879	22,997	22,987	23,017	23,155	22,889	23,266	23,217
Unemployed .....	1,187	1,221	1,174	1,221	1,161	1,190	1,179	1,155	1,197	1,181	1,268	1,185	1,129
Unemployment rate .....	5.0	5.1	4.9	5.1	4.8	4.9	4.9	4.8	4.9	4.9	5.2	4.8	4.6
<b>East South Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	12,369	12,381	12,393	12,407	12,422	12,436	12,453	12,466	12,478	12,492	12,501	12,509	12,522
Civilian labor force .....	7,836	7,786	7,882	8,015	7,954	8,020	8,123	8,103	8,133	8,051	8,135	8,177	8,134
Employed .....	7,405	7,366	7,492	7,596	7,608	7,609	7,612	7,582	7,673	7,590	7,686	7,713	7,745
Unemployed .....	431	420	390	420	346	411	510	520	460	461	448	464	389
Unemployment rate .....	5.5	5.4	5.0	5.2	4.4	5.1	6.3	6.4	5.7	5.7	5.5	5.7	4.8
<b>West South Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	21,638	21,666	21,696	21,723	21,754	21,787	21,821	21,850	21,879	21,907	21,928	21,952	21,978
Civilian labor force .....	14,450	14,446	14,428	14,453	14,470	14,654	14,742	14,716	14,789	14,710	14,816	14,822	14,603
Employed .....	13,627	13,613	13,622	13,663	13,666	13,872	13,971	13,878	14,009	13,982	13,947	13,921	13,909
Unemployed .....	823	833	806	790	804	781	772	838	779	729	869	901	694
Unemployment rate .....	5.7	5.8	5.6	5.5	5.6	5.3	5.2	5.7	5.3	5.0	5.9	6.1	4.6

See footnotes at end of table.

**HOUSEHOLD DATA  
REGIONS AND DIVISIONS  
SEASONALLY ADJUSTED**

**C-1. Employment status of the civilian population for census regions and divisions, seasonally adjusted<sup>1</sup>—Continued**

(Numbers in thousands)

Census region and division	1996									1997			
	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>MIDWEST</b>													
Civilian noninstitutional population <sup>2</sup> .....	46,791	46,817	46,851	46,879	46,915	46,951	46,992	47,025	47,054	47,085	47,098	47,115	47,139
Civilian labor force .....	32,675	32,666	32,690	32,757	32,650	32,644	32,690	32,778	32,723	32,588	32,593	32,727	32,730
Employed .....	31,202	31,191	31,210	31,234	31,201	31,187	31,248	31,267	31,245	31,157	31,202	31,417	31,375
Unemployed .....	1,473	1,475	1,480	1,523	1,449	1,456	1,442	1,512	1,478	1,431	1,391	1,310	1,354
Unemployment rate .....	4.5	4.5	4.5	4.6	4.4	4.5	4.4	4.6	4.5	4.4	4.3	4.0	4.1
<b>East North Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	32,958	32,974	32,994	33,013	33,035	33,059	33,086	33,107	33,126	33,145	33,152	33,162	33,177
Civilian labor force .....	22,607	22,588	22,591	22,607	22,536	22,506	22,561	22,634	22,613	22,576	22,588	22,737	22,659
Employed .....	21,554	21,509	21,516	21,529	21,494	21,438	21,521	21,579	21,529	21,557	21,560	21,742	21,671
Unemployed .....	1,052	1,078	1,075	1,078	1,042	1,068	1,041	1,055	1,083	1,019	1,028	996	988
Unemployment rate .....	4.7	4.8	4.8	4.8	4.6	4.7	4.6	4.7	4.8	4.5	4.6	4.4	4.4
<b>West North Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	13,833	13,843	13,857	13,866	13,880	13,892	13,906	13,918	13,928	13,940	13,946	13,953	13,962
Civilian labor force .....	10,068	10,079	10,099	10,150	10,114	10,137	10,129	10,144	10,110	10,012	10,005	9,990	10,071
Employed .....	9,647	9,682	9,694	9,705	9,707	9,749	9,727	9,687	9,715	9,600	9,642	9,675	9,704
Unemployed .....	421	397	405	445	408	388	402	456	395	412	363	315	367
Unemployment rate .....	4.2	3.9	4.0	4.4	4.0	3.8	4.0	4.5	3.9	4.1	3.6	3.1	3.6
<b>WEST</b>													
Civilian noninstitutional population <sup>2</sup> .....	43,701	43,760	43,823	43,884	43,948	44,018	44,087	44,151	44,213	44,274	44,316	44,366	44,424
Civilian labor force .....	29,174	29,387	29,393	29,400	29,409	29,549	29,544	29,684	29,680	29,848	29,704	29,992	30,031
Employed .....	27,265	27,442	27,533	27,503	27,545	27,700	27,691	27,791	27,800	28,050	28,005	28,198	28,311
Unemployed .....	1,909	1,945	1,860	1,898	1,864	1,850	1,853	1,894	1,880	1,798	1,699	1,794	1,720
Unemployment rate .....	6.5	6.6	6.3	6.5	6.3	6.3	6.3	6.4	6.3	6.0	5.7	6.0	5.7
<b>Mountain</b>													
Civilian noninstitutional population <sup>2</sup> .....	12,021	12,050	12,080	12,108	12,138	12,168	12,199	12,229	12,258	12,287	12,309	12,334	12,362
Civilian labor force .....	8,249	8,338	8,298	8,272	8,314	8,331	8,325	8,391	8,439	8,430	8,320	8,398	8,406
Employed .....	7,853	7,879	7,871	7,825	7,858	7,893	7,904	7,983	8,022	8,034	7,927	8,005	8,041
Unemployed .....	395	459	427	447	456	438	421	408	417	395	393	393	365
Unemployment rate .....	4.8	5.5	5.1	5.4	5.5	5.3	5.1	4.9	4.9	4.7	4.7	4.7	4.3
<b>Pacific</b>													
Civilian noninstitutional population <sup>2</sup> .....	31,680	31,710	31,743	31,776	31,810	31,850	31,888	31,922	31,955	31,987	32,007	32,032	32,062
Civilian labor force .....	20,925	21,049	21,096	21,129	21,095	21,218	21,219	21,293	21,241	21,418	21,383	21,594	21,625
Employed .....	19,412	19,563	19,662	19,678	19,688	19,806	19,787	19,808	19,778	20,015	20,078	20,193	20,270
Unemployed .....	1,513	1,487	1,433	1,451	1,408	1,412	1,432	1,486	1,463	1,403	1,306	1,400	1,355
Unemployment rate .....	7.2	7.1	6.8	6.9	6.7	6.7	6.7	7.0	6.9	6.6	6.1	6.5	6.3

<sup>1</sup> These estimates may differ from the results obtained from summing the official State estimates produced and published through the Local Area Unemployment Statistics (LAUS) program.

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

NOTE: The States (including the District of Columbia) that compose the various census divisions are: New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont; Middle Atlantic: New Jersey, New York, and Pennsylvania; South Atlantic: Delaware, District of

Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia; East South Central: Alabama, Kentucky, Mississippi, and Tennessee; West South Central: Arkansas, Louisiana, Oklahoma, and Texas; East North Central: Illinois, Indiana, Michigan, Ohio, and Wisconsin; West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota; Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming; and Pacific: Alaska, California, Hawaii, Oregon, and Washington.



**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

**C-2. Labor force status by State, seasonally adjusted**

(Numbers in thousands)

State	1996										1997		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
<b>Alabama</b>													
Civilian labor force .....	2,083.2	2,087.0	2,089.7	2,086.5	2,089.3	2,089.8	2,091.6	2,095.1	2,097.3	2,096.7	2,088.3	2,096.1	2,104.0
Employed .....	1,967.1	1,970.8	1,977.3	1,978.7	1,985.0	1,988.1	1,989.7	1,995.2	2,000.0	2,002.6	1,996.6	2,003.4	2,008.7
Unemployed .....	116.2	116.2	112.4	107.8	104.3	101.7	101.9	99.9	97.3	94.1	91.8	92.7	95.3
Unemployment rate .....	5.6	5.6	5.4	5.2	5.0	4.9	4.9	4.8	4.6	4.5	4.4	4.4	4.5
<b>Alaska</b>													
Civilian labor force .....	312.7	313.9	313.8	315.7	316.6	317.8	318.5	319.2	319.9	320.9	320.6	322.1	323.4
Employed .....	288.1	289.2	290.2	291.0	291.8	293.0	293.8	294.2	294.8	295.4	296.5	297.6	298.1
Unemployed .....	24.6	24.7	23.6	24.8	24.8	24.8	24.7	25.0	25.1	25.5	24.1	24.5	25.3
Unemployment rate .....	7.9	7.9	7.5	7.8	7.8	7.8	7.8	7.8	7.8	7.9	7.5	7.6	7.8
<b>Arizona</b>													
Civilian labor force .....	2,241.6	2,237.6	2,242.2	2,244.8	2,247.6	2,251.4	2,256.8	2,257.6	2,262.3	2,262.5	2,293.9	2,276.5	2,280.3
Employed .....	2,122.3	2,116.5	2,117.8	2,117.4	2,119.2	2,124.5	2,126.5	2,129.4	2,136.8	2,136.8	2,173.9	2,161.8	2,163.5
Unemployed .....	119.4	121.1	124.7	127.4	128.3	126.9	130.3	128.2	125.7	125.7	120.0	116.8	116.8
Unemployment rate .....	5.3	5.4	5.6	5.7	5.7	5.6	5.8	5.7	5.6	5.4	5.2	5.1	5.1
<b>Arkansas</b>													
Civilian labor force .....	1,230.2	1,229.4	1,231.7	1,234.9	1,235.8	1,236.5	1,239.1	1,239.4	1,239.6	1,239.7	1,242.5	1,245.2	1,249.6
Employed .....	1,165.7	1,165.1	1,168.7	1,167.8	1,168.8	1,168.6	1,169.1	1,170.3	1,171.4	1,173.2	1,175.8	1,177.7	1,181.9
Unemployed .....	64.5	64.2	65.0	67.1	67.0	67.9	69.7	69.1	68.2	66.5	66.7	67.5	67.7
Unemployment rate .....	5.2	5.2	5.3	5.4	5.6	5.6	5.6	5.6	5.5	5.4	5.4	5.4	5.4
<b>California</b>													
Civilian labor force .....	15,541.4	15,538.6	15,558.3	15,573.5	15,603.8	15,631.1	15,664.1	15,699.0	15,684.6	15,665.0	15,770.7	15,785.3	15,823.5
Employed .....	14,389.4	14,384.3	14,427.9	14,449.9	14,490.6	14,528.7	14,557.4	14,573.8	14,584.8	14,598.4	14,687.0	14,745.9	14,790.6
Unemployed .....	1,172.0	1,154.4	1,130.4	1,123.6	1,113.1	1,104.4	1,106.8	1,095.3	1,089.8	1,066.6	1,083.7	1,039.4	1,032.8
Unemployment rate .....	7.5	7.4	7.3	7.2	7.1	7.1	7.1	7.0	6.9	6.8	6.9	6.6	6.5
<b>Colorado</b>													
Civilian labor force .....	2,102.5	2,100.3	2,106.4	2,118.9	2,096.3	2,096.9	2,097.6	2,099.5	2,101.6	2,100.4	2,129.0	2,131.8	2,142.5
Employed .....	2,013.0	2,011.9	2,015.9	2,020.2	2,007.0	2,008.8	2,009.5	2,012.5	2,015.8	2,015.9	2,050.0	2,064.8	2,073.6
Unemployed .....	89.5	88.4	90.5	96.6	89.4	88.1	88.3	87.0	85.8	84.5	79.0	67.3	68.6
Unemployment rate .....	4.3	4.2	4.3	4.6	4.3	4.2	4.2	4.1	4.1	4.0	3.7	3.2	3.2
<b>Connecticut</b>													
Civilian labor force .....	1,716.7	1,716.3	1,717.9	1,719.7	1,721.8	1,721.9	1,721.5	1,724.1	1,723.3	1,722.0	1,735.6	1,731.4	1,732.4
Employed .....	1,617.8	1,619.8	1,621.3	1,622.4	1,623.6	1,624.4	1,622.9	1,624.4	1,624.0	1,623.0	1,645.9	1,646.0	1,646.8
Unemployed .....	96.9	96.5	96.6	97.2	97.8	97.5	98.5	99.6	99.3	99.0	89.7	85.4	85.6
Unemployment rate .....	5.6	5.7	5.6	5.7	5.7	5.7	5.7	5.8	5.8	5.7	5.2	4.9	4.9
<b>Delaware</b>													
Civilian labor force .....	382.1	381.5	381.5	382.3	382.6	382.6	382.4	383.4	383.9	384.4	393.1	393.2	393.6
Employed .....	382.8	382.7	382.4	382.8	382.9	381.9	381.9	382.9	383.5	384.2	373.6	374.5	375.2
Unemployed .....	19.6	18.7	19.1	19.5	19.7	20.7	20.5	20.5	20.5	20.2	19.4	18.6	18.4
Unemployment rate .....	5.1	4.9	5.0	5.1	5.2	5.4	5.4	5.4	5.3	5.3	4.9	4.7	4.7
<b>District of Columbia</b>													
Civilian labor force .....	275.6	272.2	271.7	270.4	270.7	270.5	270.5	270.1	269.5	270.0	267.6	266.1	269.1
Employed .....	251.7	248.5	247.9	247.6	247.5	247.3	247.4	247.3	247.5	247.3	246.7	246.4	248.1
Unemployed .....	23.9	23.7	23.7	22.9	23.3	23.3	23.1	22.7	22.0	22.7	20.9	19.7	21.0
Unemployment rate .....	8.7	8.7	8.7	8.5	8.6	8.6	8.5	8.4	8.2	8.4	7.8	7.4	7.8
<b>Florida</b>													
Civilian labor force .....	6,914.8	6,907.2	6,921.2	6,922.6	6,940.5	6,949.4	6,959.4	6,974.0	6,982.8	6,997.1	7,100.2	7,094.6	7,092.8
Employed .....	6,557.3	6,549.8	6,565.8	6,571.9	6,592.2	6,605.1	6,610.4	6,628.6	6,639.0	6,656.1	6,752.6	6,748.1	6,744.4
Unemployed .....	357.5	357.4	355.4	350.7	348.3	344.4	349.0	345.3	343.8	340.9	347.6	346.5	348.3
Unemployment rate .....	5.2	5.2	5.1	5.1	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9

See footnotes at end of table.

STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED

C-2. Labor force status by State, seasonally adjusted—Continued

(Numbers in thousands)

State	1996										1997		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
<b>Georgia</b>													
Civilian labor force .....	3,714.5	3,728.5	3,742.0	3,757.8	3,773.7	3,769.8	3,777.9	3,787.9	3,798.0	3,803.6	3,826.3	3,835.0	3,842.2
Employed .....	3,544.9	3,555.9	3,570.6	3,585.8	3,603.3	3,597.5	3,601.9	3,613.7	3,621.3	3,625.3	3,648.6	3,655.3	3,663.3
Unemployed .....	169.6	172.6	171.4	172.0	170.4	172.3	176.0	174.3	176.6	178.2	177.7	179.7	178.9
Unemployment rate .....	4.6	4.6	4.6	4.6	4.5	4.6	4.7	4.6	4.7	4.7	4.6	4.7	4.7
<b>Hawaii</b>													
Civilian labor force .....	587.5	588.4	589.2	591.0	591.6	592.6	593.6	594.2	596.6	596.0	594.6	593.9	593.2
Employed .....	550.6	550.7	551.9	552.9	553.7	554.8	555.9	556.7	556.7	557.1	560.8	560.9	556.9
Unemployed .....	36.9	37.6	37.3	38.1	37.9	37.8	37.9	37.4	39.9	38.9	33.8	33.0	34.3
Unemployment rate .....	6.3	6.4	6.3	6.4	6.4	6.4	6.4	6.3	6.7	6.5	5.7	5.6	5.8
<b>Idaho</b>													
Civilian labor force .....	613.3	614.1	616.2	617.6	619.4	622.5	623.4	625.5	628.5	631.1	636.3	631.6	632.6
Employed .....	580.4	582.0	584.0	585.7	586.0	590.6	591.4	593.4	595.1	596.1	602.8	599.1	598.9
Unemployed .....	32.8	32.1	32.2	31.9	31.4	31.7	32.0	32.1	33.5	35.0	33.5	32.5	33.9
Unemployment rate .....	5.4	5.2	5.2	5.2	5.1	5.1	5.1	5.1	5.3	5.6	5.3	5.1	5.4
<b>Illinois</b>													
Civilian labor force .....	6,088.6	6,084.6	6,098.5	6,102.3	6,109.1	6,106.3	6,101.3	6,110.3	6,114.2	6,126.8	6,130.2	6,131.8	6,148.0
Employed .....	5,767.2	5,784.5	5,774.9	5,778.6	5,784.1	5,782.8	5,780.7	5,788.9	5,795.0	5,808.7	5,821.7	5,827.8	5,840.6
Unemployed .....	321.4	320.4	321.6	325.6	325.0	323.7	320.6	321.4	319.2	320.1	308.5	304.2	305.3
Unemployment rate .....	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.0	5.0	5.0
<b>Indiana</b>													
Civilian labor force .....	3,085.2	3,082.2	3,079.8	3,073.8	3,065.0	3,061.4	3,061.5	3,056.5	3,056.5	3,046.1	3,078.6	3,062.7	3,083.1
Employed .....	2,949.8	2,950.2	2,949.8	2,945.7	2,940.6	2,937.9	2,936.1	2,941.5	2,945.6	2,936.3	2,982.6	2,975.3	2,985.1
Unemployed .....	135.4	132.0	130.1	128.1	124.4	123.5	123.4	117.0	112.7	109.8	94.3	87.4	98.0
Unemployment rate .....	4.4	4.3	4.2	4.2	4.1	4.0	4.0	3.8	3.7	3.6	3.1	2.9	3.2
<b>Iowa</b>													
Civilian labor force .....	1,592.3	1,598.0	1,602.7	1,601.2	1,601.1	1,605.0	1,604.0	1,601.3	1,605.1	1,610.0	1,603.6	1,615.0	1,627.2
Employed .....	1,533.7	1,536.8	1,543.2	1,541.0	1,540.3	1,544.3	1,542.8	1,539.4	1,543.1	1,548.3	1,545.9	1,558.0	1,574.4
Unemployed .....	58.6	59.2	59.5	60.2	60.8	60.7	61.5	61.8	61.9	61.8	57.7	57.0	52.8
Unemployment rate .....	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.8	3.6	3.5	3.2
<b>Kansas</b>													
Civilian labor force .....	1,334.9	1,337.5	1,339.1	1,338.2	1,338.6	1,339.2	1,341.1	1,346.0	1,348.3	1,347.2	1,385.2	1,369.6	1,382.3
Employed .....	1,278.4	1,277.4	1,278.8	1,277.3	1,278.4	1,278.1	1,279.3	1,283.8	1,285.8	1,285.4	1,329.6	1,329.2	1,328.8
Unemployed .....	56.5	60.0	60.4	61.0	60.2	61.1	61.7	62.2	62.5	61.8	55.6	54.5	53.5
Unemployment rate .....	4.4	4.5	4.5	4.6	4.5	4.6	4.6	4.6	4.6	4.6	4.0	3.9	3.9
<b>Kentucky</b>													
Civilian labor force .....	1,861.4	1,861.2	1,862.9	1,863.7	1,867.3	1,867.2	1,867.2	1,874.5	1,876.1	1,880.1	1,913.8	1,911.3	1,914.2
Employed .....	1,757.8	1,756.9	1,759.5	1,760.1	1,762.7	1,763.7	1,762.7	1,768.4	1,769.0	1,770.6	1,808.4	1,805.9	1,812.7
Unemployed .....	103.6	104.3	103.5	103.5	104.8	103.5	104.5	106.1	107.2	109.6	105.4	105.5	101.5
Unemployment rate .....	5.6	5.6	5.6	5.6	5.6	5.5	5.6	5.7	5.7	5.8	5.5	5.5	5.3
<b>Louisiana</b>													
Civilian labor force .....	1,980.7	1,985.4	1,990.1	1,994.8	2,001.7	2,003.2	2,014.2	2,017.2	2,018.6	2,023.7	2,011.9	2,012.0	2,030.1
Employed .....	1,848.3	1,851.9	1,854.7	1,857.9	1,864.2	1,866.2	1,876.6	1,880.6	1,886.6	1,890.8	1,899.9	1,906.8	1,912.1
Unemployed .....	132.4	133.4	135.4	138.9	137.5	137.0	137.6	136.6	132.0	132.9	115.0	105.2	118.0
Unemployment rate .....	6.7	6.7	6.8	6.9	6.9	6.8	6.8	6.8	6.5	6.6	5.7	5.2	5.8
<b>Maine</b>													
Civilian labor force .....	663.5	665.5	666.7	669.6	669.9	672.0	673.7	673.8	674.0	674.7	667.8	666.8	672.2
Employed .....	628.9	630.8	631.6	634.4	635.1	637.6	639.9	640.8	641.9	643.1	638.1	637.9	643.3
Unemployed .....	34.6	34.7	34.9	35.2	34.8	34.4	33.8	33.0	32.0	31.8	29.7	29.0	28.9
Unemployment rate .....	5.2	5.2	5.2	5.3	5.2	5.1	5.0	4.9	4.8	4.7	4.4	4.3	4.3

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

**C-2. Labor force status by State, seasonally adjusted—Continued**

(Numbers in thousands)

State	1996										1997		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
<b>Maryland</b>													
Civilian labor force .....	2,766.5	2,771.7	2,781.0	2,791.9	2,797.3	2,798.5	2,802.2	2,806.0	2,807.8	2,808.5	2,759.1	2,760.2	2,761.8
Employed .....	2,629.5	2,634.1	2,645.5	2,656.3	2,662.0	2,664.6	2,668.3	2,675.0	2,677.7	2,679.4	2,632.6	2,634.8	2,637.7
Unemployed .....	139.0	137.6	135.5	135.6	135.3	134.0	134.0	131.0	130.1	127.2	126.5	125.5	124.1
Unemployment rate .....	5.0	5.0	4.9	4.9	4.8	4.8	4.8	4.7	4.6	4.5	4.6	4.5	4.5
<b>Massachusetts</b>													
Civilian labor force .....	3,180.8	3,184.0	3,188.5	3,187.9	3,188.7	3,187.2	3,193.7	3,200.4	3,202.5	3,200.6	3,216.6	3,213.8	3,215.4
Employed .....	3,034.2	3,037.8	3,048.3	3,050.4	3,055.3	3,058.9	3,063.6	3,072.7	3,076.7	3,075.2	3,085.8	3,092.6	3,089.1
Unemployed .....	146.8	148.2	142.2	137.5	131.5	128.3	130.0	127.7	125.7	125.4	130.9	121.2	128.3
Unemployment rate .....	4.8	4.6	4.5	4.3	4.1	4.0	4.1	4.0	3.9	3.9	4.1	3.8	3.9
<b>Michigan</b>													
Civilian labor force .....	4,786.6	4,785.7	4,800.4	4,802.2	4,795.8	4,811.7	4,821.2	4,840.9	4,845.3	4,845.3	4,887.8	4,891.4	4,879.9
Employed .....	4,543.1	4,549.0	4,566.1	4,571.1	4,582.8	4,581.8	4,580.5	4,608.8	4,614.4	4,612.9	4,671.9	4,671.6	4,671.4
Unemployed .....	243.5	236.7	234.3	231.1	213.0	229.9	240.7	232.2	230.9	232.4	215.9	219.8	208.5
Unemployment rate .....	5.1	4.9	4.9	4.8	4.9	4.8	4.8	4.8	4.8	4.8	4.9	4.5	4.3
<b>Minnesota</b>													
Civilian labor force .....	2,603.4	2,602.7	2,608.5	2,609.8	2,612.0	2,613.4	2,613.7	2,613.1	2,613.2	2,613.8	2,648.4	2,650.3	2,652.1
Employed .....	2,501.2	2,497.6	2,502.6	2,503.5	2,505.2	2,506.7	2,507.1	2,508.3	2,509.6	2,511.2	2,555.8	2,570.7	2,571.5
Unemployed .....	102.2	105.1	103.8	106.3	106.8	106.7	106.5	104.9	103.6	102.6	92.6	79.8	80.6
Unemployment rate .....	3.9	4.0	4.0	4.1	4.1	4.1	4.1	4.0	4.0	3.9	3.5	3.0	3.0
<b>Mississippi</b>													
Civilian labor force .....	1,262.7	1,263.9	1,263.8	1,260.7	1,262.5	1,280.7	1,258.4	1,262.3	1,262.9	1,262.7	1,269.4	1,277.8	1,279.3
Employed .....	1,182.8	1,184.0	1,184.6	1,184.1	1,185.8	1,184.7	1,184.5	1,186.7	1,188.2	1,189.3	1,199.1	1,205.9	1,204.8
Unemployed .....	79.8	80.0	79.3	76.6	76.7	75.9	73.9	75.6	74.8	73.4	70.4	71.9	74.5
Unemployment rate .....	6.3	6.3	6.3	6.1	6.1	6.0	5.9	6.0	5.9	5.8	5.5	5.8	5.8
<b>Missouri</b>													
Civilian labor force .....	2,882.8	2,888.4	2,894.9	2,897.1	2,898.0	2,900.8	2,903.5	2,917.2	2,923.1	2,925.5	2,885.6	2,873.8	2,858.9
Employed .....	2,754.1	2,757.9	2,764.5	2,768.4	2,785.8	2,789.7	2,771.3	2,781.0	2,782.5	2,784.1	2,739.1	2,747.8	2,739.9
Unemployed .....	128.4	130.5	130.3	130.7	132.4	131.1	132.3	136.2	140.6	141.4	126.5	126.1	119.0
Unemployment rate .....	4.5	4.5	4.5	4.5	4.6	4.5	4.6	4.7	4.8	4.8	4.4	4.4	4.2
<b>Montana</b>													
Civilian labor force .....	444.2	445.8	447.1	447.4	446.8	446.5	447.0	450.4	451.0	449.3	454.4	453.0	456.1
Employed .....	419.5	421.0	422.7	423.5	423.1	423.6	424.3	428.4	429.3	427.7	432.5	432.4	433.8
Unemployed .....	24.7	24.7	24.3	24.0	23.5	22.9	22.7	22.0	21.7	21.6	21.9	20.7	22.5
Unemployment rate .....	5.6	5.5	5.4	5.4	5.3	5.1	5.1	4.9	4.8	4.8	4.8	4.8	4.9
<b>Nebraska</b>													
Civilian labor force .....	910.5	910.8	910.7	912.7	912.5	913.3	913.6	916.5	918.3	916.5	921.1	918.7	918.1
Employed .....	884.2	884.0	883.9	885.3	885.1	886.6	887.1	889.7	890.9	890.6	896.4	896.3	896.4
Unemployed .....	26.3	26.8	26.8	27.4	27.4	26.7	26.6	26.8	27.4	26.0	22.7	22.3	21.7
Unemployment rate .....	2.9	2.9	2.9	3.0	3.0	2.9	2.9	2.9	3.0	2.8	2.5	2.4	2.4
<b>Nevada</b>													
Civilian labor force .....	829.8	834.2	838.4	842.9	847.0	850.6	855.0	857.9	860.8	864.8	881.7	883.9	883.8
Employed .....	788.2	789.7	793.2	798.8	800.4	803.6	806.4	810.3	814.7	817.5	841.1	844.3	844.6
Unemployed .....	43.6	44.5	45.3	46.1	46.6	47.0	48.6	47.8	46.2	47.3	40.6	39.6	39.3
Unemployment rate .....	5.3	5.3	5.4	5.5	5.5	5.5	5.7	5.5	5.4	5.5	4.6	4.5	4.4
<b>New Hampshire</b>													
Civilian labor force .....	624.4	626.2	626.3	625.8	623.8	621.9	620.3	622.1	621.0	620.1	647.3	648.5	640.9
Employed .....	598.7	600.0	599.5	598.7	597.4	595.6	593.8	595.9	595.7	595.9	626.7	626.7	627.5
Unemployed .....	25.7	26.2	26.8	27.1	26.4	26.3	26.5	26.2	25.3	24.2	20.6	21.8	13.4
Unemployment rate .....	4.1	4.2	4.3	4.3	4.2	4.2	4.3	4.2	4.1	3.9	3.2	3.4	2.1

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

**C-2. Labor force status by State, seasonally adjusted—Continued**

(Numbers in thousands)

State	1996										1997		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
<b>New Jersey</b>													
Civilian labor force .....	4,104.3	4,108.0	4,113.3	4,125.8	4,130.2	4,136.7	4,143.5	4,150.6	4,153.5	4,152.1	4,145.0	4,142.7	4,130.9
Employed .....	3,847.4	3,848.7	3,863.0	3,873.4	3,878.6	3,883.1	3,887.2	3,894.6	3,899.3	3,900.8	3,898.7	3,912.7	3,904.9
Unemployed .....	256.9	259.2	250.3	252.4	251.6	253.6	256.3	256.0	254.2	251.8	246.4	230.0	226.0
Unemployment rate .....	6.3	6.3	6.1	6.1	6.1	6.1	6.2	6.2	6.1	6.1	5.9	5.8	5.5
<b>New Mexico</b>													
Civilian labor force .....	796.7	797.5	797.5	802.8	802.6	801.7	799.5	801.9	802.4	802.3	818.7	816.3	814.4
Employed .....	735.5	734.9	734.9	734.9	734.7	734.7	733.7	735.0	735.5	736.8	785.0	763.0	780.6
Unemployed .....	61.2	62.6	62.5	67.6	68.1	67.0	65.7	66.9	66.9	65.5	53.7	53.2	53.8
Unemployment rate .....	7.7	7.8	7.8	8.4	8.5	8.4	8.2	8.3	8.3	8.2	6.6	6.5	6.6
<b>New York</b>													
Civilian labor force .....	8,614.1	8,618.2	8,637.1	8,643.8	8,657.7	8,653.0	8,654.8	8,667.8	8,680.8	8,686.6	8,677.2	8,691.9	8,704.0
Employed .....	8,062.5	8,069.0	8,093.5	8,103.2	8,116.4	8,121.2	8,126.1	8,137.0	8,143.3	8,147.1	8,129.5	8,144.7	8,155.2
Unemployed .....	551.6	547.2	543.5	540.6	541.4	531.9	528.7	530.8	537.4	539.5	547.6	547.2	548.8
Unemployment rate .....	6.4	6.4	6.3	6.3	6.3	6.1	6.1	6.1	6.2	6.2	6.3	6.3	6.3
<b>North Carolina</b>													
Civilian labor force .....	3,751.5	3,768.0	3,783.6	3,795.6	3,801.8	3,809.0	3,824.7	3,848.8	3,853.3	3,860.4	3,821.4	3,794.0	3,819.8
Employed .....	3,586.3	3,600.7	3,619.6	3,632.3	3,640.1	3,649.4	3,662.3	3,685.3	3,688.9	3,697.4	3,674.6	3,654.9	3,686.9
Unemployed .....	165.3	167.3	163.9	163.3	161.7	159.6	162.4	163.4	164.4	163.0	146.8	139.1	132.8
Unemployment rate .....	4.4	4.4	4.3	4.3	4.3	4.2	4.2	4.2	4.3	4.2	3.8	3.7	3.5
<b>North Dakota</b>													
Civilian labor force .....	340.7	341.7	342.6	344.2	344.4	345.2	345.5	345.2	346.3	346.9	347.0	347.2	347.1
Employed .....	330.5	331.1	332.4	333.2	333.5	334.4	334.8	335.2	335.6	335.9	336.4	338.1	337.6
Unemployed .....	10.2	10.6	10.2	11.0	10.9	10.8	10.7	10.0	10.8	11.0	10.7	9.0	9.6
Unemployment rate .....	3.0	3.1	3.0	3.2	3.2	3.1	3.1	2.9	3.1	3.2	3.1	2.6	2.8
<b>Ohio</b>													
Civilian labor force .....	5,826.8	5,820.1	5,836.6	5,844.7	5,840.3	5,850.3	5,848.1	5,857.5	5,870.9	5,872.2	5,789.4	5,792.0	5,755.9
Employed .....	5,344.7	5,351.2	5,380.8	5,385.9	5,388.3	5,378.1	5,370.3	5,379.3	5,383.8	5,389.0	5,478.3	5,474.5	5,486.0
Unemployed .....	281.9	288.9	275.8	278.8	272.0	272.2	275.8	276.1	287.3	283.2	291.1	317.5	269.9
Unemployment rate .....	5.0	4.8	4.9	4.9	4.8	4.8	4.9	4.9	5.1	5.0	5.0	5.5	4.7
<b>Oklahoma</b>													
Civilian labor force .....	1,585.9	1,588.8	1,574.2	1,575.9	1,578.6	1,582.0	1,583.2	1,587.5	1,588.7	1,590.1	1,602.1	1,608.0	1,601.7
Employed .....	1,501.3	1,504.0	1,510.3	1,512.8	1,515.0	1,519.2	1,520.0	1,524.9	1,526.4	1,528.8	1,540.8	1,551.8	1,544.7
Unemployed .....	64.6	64.8	63.8	63.2	63.6	62.9	63.2	62.6	62.3	61.3	61.4	54.2	57.0
Unemployment rate .....	4.1	4.1	4.1	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8	3.4	3.6
<b>Oregon</b>													
Civilian labor force .....	1,719.3	1,719.9	1,726.4	1,718.8	1,716.3	1,712.0	1,724.9	1,729.8	1,738.7	1,743.1	1,731.0	1,704.1	1,713.8
Employed .....	1,620.7	1,620.0	1,624.9	1,617.9	1,613.4	1,610.2	1,621.2	1,624.4	1,630.3	1,633.3	1,636.2	1,608.7	1,614.0
Unemployed .....	98.6	99.9	101.4	101.0	103.0	101.8	103.7	105.4	108.4	109.8	94.8	95.4	99.8
Unemployment rate .....	5.7	5.8	5.9	5.9	6.0	5.9	6.0	6.1	6.2	6.3	5.5	5.6	5.8
<b>Pennsylvania</b>													
Civilian labor force .....	5,889.7	5,893.2	5,899.4	5,899.1	5,909.4	5,909.9	5,915.5	5,922.3	5,928.3	5,934.7	5,959.2	5,980.9	5,984.8
Employed .....	5,559.1	5,568.4	5,580.4	5,589.0	5,601.5	5,607.6	5,615.8	5,627.8	5,637.4	5,647.4	5,681.5	5,688.8	5,680.7
Unemployed .....	330.6	324.7	319.0	310.0	307.9	302.3	299.7	294.5	289.0	287.2	277.6	292.2	304.1
Unemployment rate .....	5.6	5.5	5.4	5.3	5.2	5.1	5.1	5.0	4.9	4.8	4.7	4.9	5.1
<b>Rhode Island</b>													
Civilian labor force .....	492.0	492.8	495.3	496.0	495.9	497.3	498.9	499.5	500.9	500.7	497.9	495.3	497.9
Employed .....	465.4	467.0	470.1	471.4	471.7	472.9	474.7	475.4	475.9	475.9	473.4	472.2	473.8
Unemployed .....	26.5	25.8	25.2	24.7	24.1	24.5	24.2	24.1	25.0	24.9	24.5	23.1	24.1
Unemployment rate .....	5.4	5.2	5.1	5.0	4.9	4.9	4.9	4.8	5.0	5.0	4.9	4.7	4.8

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

**C-2. Labor force status by State, seasonally adjusted—Continued**

(Numbers in thousands)

State	1996										1997		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
<b>South Carolina</b>													
Civilian labor force .....	1,848.5	1,849.4	1,848.2	1,853.4	1,846.3	1,844.1	1,845.1	1,845.2	1,846.7	1,846.0	1,866.4	1,885.8	1,893.7
Employed .....	1,743.5	1,739.4	1,737.9	1,738.4	1,732.8	1,730.6	1,730.4	1,730.2	1,732.3	1,733.7	1,782.0	1,782.1	1,793.9
Unemployed .....	105.0	110.0	110.3	115.0	113.5	113.5	114.7	115.0	114.4	112.3	104.5	103.7	99.7
Unemployment rate .....	5.7	5.9	6.0	6.2	6.1	6.2	6.2	6.2	6.2	6.1	5.5	5.5	5.3
<b>South Dakota</b>													
Civilian labor force .....	387.6	388.8	388.9	389.6	389.9	390.4	390.6	391.1	392.0	392.3	391.4	390.1	390.5
Employed .....	375.1	376.2	376.8	377.0	377.3	377.9	378.1	378.7	379.2	379.3	379.2	379.3	379.3
Unemployed .....	12.5	12.7	12.1	12.6	12.5	12.5	12.5	12.4	12.8	13.0	12.2	10.7	11.1
Unemployment rate .....	3.2	3.3	3.1	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.1	2.7	2.8
<b>Tennessee</b>													
Civilian labor force .....	2,746.7	2,735.6	2,741.6	2,748.2	2,752.0	2,753.2	2,757.1	2,766.2	2,771.8	2,769.8	2,758.9	2,758.7	2,756.0
Employed .....	2,607.0	2,595.6	2,602.5	2,608.9	2,611.6	2,615.7	2,619.0	2,625.0	2,627.9	2,629.0	2,619.5	2,621.7	2,814.1
Unemployed .....	139.7	140.0	139.2	139.3	140.5	137.5	138.1	141.1	143.8	140.8	139.4	137.0	141.8
Unemployment rate .....	5.1	5.1	5.1	5.1	5.1	5.0	5.0	5.1	5.2	5.1	5.1	5.0	5.1
<b>Texas</b>													
Civilian labor force .....	9,712.6	9,722.5	9,731.7	9,739.2	9,744.2	9,755.8	9,768.2	9,785.9	9,804.0	9,806.5	9,883.4	9,918.4	9,934.5
Employed .....	9,145.4	9,180.4	9,178.0	9,184.3	9,196.4	9,219.8	9,235.7	9,280.1	9,274.6	9,286.9	9,348.2	9,357.7	9,354.6
Unemployed .....	567.1	562.1	553.7	554.9	547.8	536.3	532.5	525.7	529.4	519.6	535.3	560.6	579.9
Unemployment rate .....	5.8	5.8	5.7	5.7	5.8	5.5	5.5	5.4	5.4	5.3	5.4	5.7	5.8
<b>Utah</b>													
Civilian labor force .....	988.5	991.1	994.0	997.1	999.9	1,003.2	1,005.1	1,007.9	1,010.7	1,013.0	1,034.5	1,037.2	1,042.1
Employed .....	953.7	956.4	959.2	961.9	965.0	968.1	970.0	973.0	976.0	979.0	1,001.7	1,004.1	1,012.6
Unemployed .....	34.8	34.7	34.8	35.2	34.9	35.2	35.1	35.0	34.7	33.9	32.8	33.1	29.5
Unemployment rate .....	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.2	3.2	2.8
<b>Vermont</b>													
Civilian labor force .....	323.7	324.2	324.3	324.3	323.4	324.4	324.8	325.4	325.9	325.8	328.0	329.0	328.6
Employed .....	308.9	309.6	310.0	309.5	308.4	309.5	309.8	310.4	310.8	310.9	315.0	316.1	315.7
Unemployed .....	14.7	14.6	14.3	14.9	15.0	15.0	14.9	15.0	15.2	14.9	12.9	12.9	12.9
Unemployment rate .....	4.6	4.5	4.4	4.6	4.6	4.6	4.6	4.6	4.7	4.6	3.9	3.9	3.9
<b>Virginia</b>													
Civilian labor force .....	3,410.2	3,402.6	3,388.0	3,382.9	3,376.1	3,370.1	3,368.6	3,369.5	3,368.4	3,370.6	3,518.2	3,514.8	3,521.5
Employed .....	3,262.6	3,250.4	3,240.4	3,232.4	3,228.7	3,223.8	3,220.7	3,223.1	3,223.4	3,227.4	3,375.1	3,366.2	3,374.4
Unemployed .....	147.8	152.2	147.5	150.5	149.4	146.5	147.9	146.4	145.0	143.2	143.1	148.6	147.1
Unemployment rate .....	4.3	4.5	4.4	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.1	4.2	4.2
<b>Washington</b>													
Civilian labor force .....	2,899.2	2,871.2	2,885.9	2,888.4	2,905.1	2,895.2	2,891.4	2,903.8	2,906.7	2,908.3	2,918.8	2,917.7	2,930.0
Employed .....	2,681.4	2,682.8	2,691.9	2,698.2	2,718.4	2,708.1	2,703.0	2,718.6	2,722.0	2,725.2	2,753.1	2,771.4	2,787.2
Unemployed .....	187.8	188.6	193.9	190.3	186.7	187.1	188.3	187.2	184.7	183.1	165.7	146.2	142.7
Unemployment rate .....	6.5	6.6	6.7	6.8	6.5	6.5	6.5	6.4	6.4	6.3	5.7	5.0	4.9
<b>West Virginia</b>													
Civilian labor force .....	801.8	801.6	812.8	808.9	806.3	808.5	811.2	813.9	814.7	814.1	803.3	807.8	804.5
Employed .....	741.0	740.5	753.3	748.2	748.3	749.5	750.8	753.0	753.9	753.5	745.9	747.0	748.2
Unemployed .....	60.8	61.1	59.3	58.7	57.9	59.0	60.4	60.9	60.8	60.6	57.4	60.8	58.2
Unemployment rate .....	7.6	7.6	7.3	7.3	7.2	7.3	7.5	7.5	7.5	7.4	7.1	7.5	7.0
<b>Wisconsin</b>													
Civilian labor force .....	2,897.1	2,901.8	2,910.4	2,916.2	2,921.4	2,928.2	2,926.8	2,934.3	2,941.6	2,944.3	2,928.9	2,926.7	2,917.4
Employed .....	2,793.8	2,796.7	2,807.0	2,813.5	2,817.5	2,824.3	2,826.6	2,835.8	2,841.8	2,842.6	2,822.5	2,824.7	2,816.1
Unemployed .....	103.3	105.1	103.4	102.7	103.9	101.9	100.1	98.5	99.8	101.7	106.4	102.1	101.3
Unemployment rate .....	3.6	3.6	3.6	3.5	3.6	3.5	3.4	3.4	3.4	3.5	3.6	3.5	3.5
<b>Wyoming</b>													
Civilian labor force .....	256.8	258.2	257.5	258.1	258.3	258.4	257.9	257.8	257.9	258.1	256.7	256.1	256.2
Employed .....	244.1	244.4	244.5	244.8	245.0	245.2	244.9	244.9	245.0	245.1	245.0	244.8	244.8
Unemployed .....	12.7	13.8	13.0	13.3	13.3	13.2	13.0	12.9	12.9	13.1	11.8	11.3	11.5
Unemployment rate .....	4.9	5.3	5.0	5.2	5.2	5.1	5.0	5.0	5.0	5.1	4.6	4.4	4.5

<sup>P</sup> = preliminary.

revised when new benchmark and population information becomes available.

NOTE: Data refer to place of residence. All estimates are provisional and will be

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

**C-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		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>Alabama</b> .....	2,066.0	2,087.1	2,088.8	105.4	100.9	84.3	5.1	4.8	4.0
Birmingham .....	442.1	448.6	449.8	14.0	13.5	11.8	3.2	3.0	2.6
Huntsville .....	162.1	162.1	162.1	5.7	4.7	4.0	3.5	2.9	2.5
Mobile .....	254.1	260.0	261.3	13.5	12.6	10.9	5.3	4.8	4.2
Montgomery .....	153.3	158.2	158.3	5.8	6.1	5.4	3.8	3.9	3.4
Tuscaloosa .....	77.3	78.3	78.7	2.8	2.5	2.2	3.8	3.2	2.8
<b>Alaska</b> .....	307.4	318.5	317.7	27.3	29.6	28.0	8.9	9.4	8.8
Anchorage .....	138.2	140.3	140.7	8.1	9.0	8.8	5.9	6.4	8.2
<b>Arizona</b> .....	2,220.5	2,254.1	2,258.9	105.0	105.2	101.8	4.7	4.7	4.5
Phoenix-Mesa .....	1,441.0	1,479.0	1,483.4	48.5	47.7	46.7	3.4	3.2	3.1
Tucson .....	383.3	379.7	380.1	13.4	12.8	12.4	3.5	3.3	3.3
<b>Arkansas</b> .....	1,223.2	1,230.4	1,242.8	88.9	75.1	70.3	5.5	6.1	5.7
Fayetteville-Springdale-Rogers .....	136.0	139.8	141.2	4.2	5.1	4.7	3.1	3.7	3.3
Fort Smith .....	94.8	95.8	96.4	5.5	5.2	5.0	5.9	5.5	5.2
Little Rock-North Little Rock .....	294.5	297.2	299.2	11.2	12.8	11.7	3.6	4.3	3.9
Pine Bluff .....	38.8	37.0	37.3	2.7	3.0	2.9	7.3	8.2	7.7
<b>California</b> .....	15,451.2	15,720.5	15,732.4	1,182.3	1,116.2	1,042.9	7.7	7.1	6.8
Bakersfield .....	289.5	283.4	284.1	40.5	38.8	39.8	15.0	13.6	14.0
Fresno .....	408.8	413.8	408.8	85.4	86.5	85.5	18.0	16.1	16.0
Los Angeles-Long Beach .....	4,374.4	4,441.0	4,431.4	367.2	338.0	313.6	8.4	7.6	7.1
Modesto .....	190.4	194.6	194.8	31.1	30.8	29.5	16.3	15.8	15.1
Oakland .....	1,133.9	1,155.3	1,156.5	57.2	52.9	49.1	5.0	4.6	4.2
Orange County .....	1,339.1	1,360.0	1,381.3	55.7	47.4	43.3	4.2	3.5	3.2
Riverside-San Bernardino .....	1,307.0	1,336.7	1,345.5	98.8	94.0	86.3	7.4	7.0	6.4
Sacramento .....	722.2	738.6	737.2	46.2	43.9	40.1	6.4	5.9	5.4
Selinas .....	176.5	181.8	182.7	26.5	30.9	27.8	15.0	17.0	15.1
San Diego .....	1,233.4	1,243.0	1,246.6	67.1	57.7	53.4	5.4	4.6	4.3
San Francisco .....	908.2	923.4	928.6	36.4	30.7	29.2	4.0	3.3	3.1
San Jose .....	888.2	918.3	922.5	32.6	30.8	28.4	3.7	3.3	3.1
Santa Barbara-Santa Maria-Lompoc .....	191.6	192.9	192.7	12.2	12.2	11.2	6.4	6.3	5.8
Santa Rosa .....	228.5	234.3	235.0	11.3	10.3	9.3	5.0	4.4	4.0
Stockton-Lodi .....	236.0	239.7	240.5	30.4	31.2	28.6	12.8	13.0	11.9
Vallejo-Fairfield-Napa .....	229.2	232.5	231.7	17.3	18.4	14.8	7.5	7.0	6.4
Ventura .....	379.6	383.7	385.6	23.8	23.9	21.5	6.3	6.2	5.6
<b>Colorado</b> .....	2,073.5	2,097.5	2,113.3	94.2	75.0	73.2	4.5	3.6	3.5
Boulder-Longmont .....	159.5	182.1	183.6	6.2	4.8	4.8	3.9	3.0	2.9
Colorado Springs .....	233.1	237.2	239.5	11.7	9.2	9.0	5.0	3.9	3.7
Denver .....	1,042.0	1,041.3	1,046.6	42.6	32.6	32.0	4.1	3.1	3.1
<b>Connecticut</b> .....	1,707.4	1,708.1	1,722.8	100.8	95.0	87.6	5.9	5.6	5.1
Bridgeport .....	218.4	216.2	220.2	14.8	14.2	13.1	6.8	6.5	5.9
Danbury .....	107.7	107.7	109.1	4.4	4.0	3.6	4.0	3.7	3.3
Hartford .....	591.5	585.8	589.7	37.5	34.9	32.2	8.3	6.0	5.5
New Haven-Meriden .....	269.7	271.4	272.7	16.1	15.0	13.8	6.0	5.5	5.0
New London-Norwich .....	148.5	152.2	153.2	8.4	8.8	7.9	5.6	5.8	5.1
Stamford-Newark .....	188.0	188.8	191.9	7.3	6.6	6.0	3.9	3.5	3.2
Waterbury .....	115.4	116.9	118.1	7.9	7.7	7.3	6.9	6.8	6.2
<b>Delaware</b> .....	380.5	393.6	391.9	20.8	21.3	19.7	5.5	5.4	5.0
Dover .....	69.0	71.5	71.4	3.5	4.1	3.9	5.1	5.8	5.5
Wilmington-Newark .....	287.1	294.6	292.0	18.9	16.9	15.2	6.6	5.7	5.2
<b>District of Columbia</b> .....	274.1	263.6	267.5	23.4	20.5	20.5	8.5	7.8	7.7
Washington .....	2,534.4	2,549.4	2,581.3	97.7	94.7	87.8	3.9	3.7	3.4
<b>Florida</b> .....	6,870.0	7,001.9	7,046.5	324.7	321.2	315.6	4.7	4.6	4.5
Daytona Beach .....	186.9	190.5	191.6	7.7	7.5	6.9	4.1	3.9	3.6
Fort Lauderdale .....	724.9	738.7	744.2	35.5	34.9	34.3	4.9	4.7	4.6
Fort Myers-Cape Coral .....	173.2	173.0	172.1	6.3	5.6	5.4	3.6	3.3	3.1
Gainesville .....	100.4	101.0	101.5	2.7	2.8	2.8	2.7	2.6	2.7
Jacksonville .....	500.9	515.1	519.2	16.4	18.4	18.3	3.3	3.6	3.6
Lakeland-Winter Haven .....	183.1	197.1	197.6	10.0	10.3	10.5	5.2	5.2	5.3
Melbourne-Titusville-Palm Bay .....	195.6	195.4	196.3	11.0	9.4	9.0	5.8	4.8	4.6
Miami .....	1,019.6	1,031.1	1,036.3	69.8	71.3	72.5	6.8	6.9	7.0
Orlando .....	780.8	781.8	798.2	28.5	28.6	28.0	3.7	3.4	3.3
Pensacola .....	164.9	167.4	168.5	6.5	7.2	6.6	3.9	4.3	3.9
Sarasota-Bradenton .....	241.0	247.8	251.1	7.7	6.7	6.3	3.2	2.7	2.5
Tallahassee .....	140.7	142.2	143.0	4.2	4.2	4.2	3.0	3.0	3.0
Tampa-St. Petersburg-Clearwater .....	1,098.3	1,112.3	1,119.0	42.0	38.8	37.5	3.8	3.5	3.4
West Palm Beach-Boca Raton .....	462.4	475.1	476.7	27.1	26.8	27.0	5.9	5.6	5.7

See footnotes at end of table.

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

**C-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		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>Georgia</b> .....	3,715.0	3,808.3	3,841.1	169.1	178.6	177.7	4.6	4.7	4.6
Albany .....	55.2	56.5	57.3	3.4	3.4	3.5	6.2	6.0	6.1
Athens .....	70.9	72.8	73.8	2.2	2.2	2.1	3.2	3.0	2.9
Atlanta .....	1,942.0	2,012.8	2,027.1	73.8	75.6	76.0	3.8	3.6	3.7
Augusta-Aiken .....	199.4	205.5	206.2	12.6	13.3	12.8	6.4	6.5	6.2
Columbus .....	117.2	117.2	119.0	6.1	5.3	5.5	5.2	4.5	4.6
Macon .....	145.0	149.2	151.5	7.0	6.5	7.6	4.8	4.4	5.0
Savannah .....	127.9	133.0	135.1	5.8	6.6	7.5	4.6	5.0	5.8
<b>Hawaii</b> .....	585.6	592.9	591.8	35.3	32.6	32.7	6.0	5.5	5.5
Honolulu .....	425.1	427.4	426.0	21.0	19.5	19.7	4.9	4.6	4.6
<b>Idaho</b> .....	608.0	625.5	627.6	36.8	40.5	39.9	6.4	8.5	6.4
Boise City .....	204.4	213.5	211.8	9.4	9.6	8.4	4.6	4.5	4.0
<b>Illinois</b> .....	6,044.8	6,077.0	6,098.5	339.4	336.8	322.1	5.6	5.5	5.3
Bloomington-Normal .....	79.2	80.3	80.0	2.9	2.6	2.4	3.7	3.3	3.0
Champaign-Urbana .....	92.6	93.1	94.0	3.1	3.2	2.9	3.4	3.5	3.1
Chicago .....	4,006.3	4,042.0	4,056.9	213.2	210.7	205.2	5.3	5.2	5.1
Davenport-Moline-Rock Island .....	178.2	183.4	183.6	8.8	8.8	7.9	4.9	4.8	4.3
Decatur .....	59.0	59.3	59.3	4.6	4.9	4.6	7.8	8.2	7.7
Kankakee .....	51.2	51.7	51.8	3.3	3.6	3.5	6.5	6.9	6.7
Peoria-Pekin .....	181.2	177.3	177.5	12.6	10.3	9.4	6.9	5.8	5.3
Rockford .....	192.0	192.4	192.8	9.7	9.8	9.4	5.0	5.1	4.9
Springfield .....	104.7	105.6	105.7	4.8	5.4	5.0	4.6	5.1	4.7
<b>Indiana</b> .....	3,057.7	3,021.8	3,055.5	146.3	102.8	108.9	4.8	3.4	3.6
Bloomington .....	61.7	61.9	62.3	1.9	1.4	1.4	3.1	2.2	2.3
Elkhart-Goshen .....	93.6	92.7	93.6	3.8	2.8	2.9	4.1	3.0	3.1
Evansville-Henderson .....	154.4	152.7	154.7	7.3	6.4	6.9	4.8	4.2	4.5
Fort Wayne .....	259.6	260.2	261.9	12.1	7.0	7.7	4.6	2.7	3.0
Gary .....	297.5	294.4	297.0	17.2	11.8	11.8	5.8	3.9	4.0
Indianapolis .....	811.2	815.2	823.0	30.3	20.9	22.3	3.7	2.6	2.7
Kokomo .....	51.8	51.4	51.7	2.1	1.6	1.6	4.1	3.0	3.2
Lafayette .....	90.1	87.5	88.4	3.0	2.2	2.3	3.3	2.5	2.5
Muncie .....	64.3	63.3	63.5	3.3	2.4	2.5	5.1	3.8	3.9
South Bend .....	134.9	133.4	134.7	6.1	4.3	4.6	4.5	3.2	3.4
Terre Haute .....	75.6	72.5	73.1	5.7	4.1	4.2	7.5	5.6	5.8
<b>Iowa</b> .....	1,580.0	1,599.3	1,614.0	69.4	69.1	62.5	4.4	4.3	3.9
Cedar Rapids .....	108.8	111.8	112.9	3.7	3.8	3.5	3.4	3.4	3.1
Des Moines .....	252.2	261.1	262.6	7.0	8.4	7.5	2.8	3.2	2.9
Dubuque .....	50.2	50.7	50.4	3.5	2.8	2.4	7.0	5.5	4.8
Iowa City .....	65.3	65.1	67.0	1.9	1.8	1.8	2.8	2.8	2.5
Sioux City .....	65.5	66.2	66.7	2.6	2.7	2.6	3.9	4.0	3.9
Waterloo-Cedar Falls .....	68.8	69.4	69.9	3.5	3.2	3.0	5.1	4.7	4.3
<b>Kansas</b> .....	1,329.8	1,370.4	1,376.4	60.7	58.5	55.6	4.6	4.3	4.0
Lawrence .....	50.8	51.8	52.5	2.4	2.3	2.2	4.7	4.5	4.2
Topeka .....	88.1	90.6	90.8	4.1	4.9	4.4	4.6	5.4	4.8
Wichita .....	265.4	274.7	276.1	11.9	10.1	9.7	4.5	3.7	3.5
<b>Kentucky</b> .....	1,833.8	1,880.9	1,886.5	104.6	119.8	102.4	5.7	6.4	5.4
Lexington .....	236.9	245.1	248.7	6.8	7.1	6.1	2.9	2.9	2.5
Louisville .....	518.8	534.9	538.7	23.0	24.8	21.1	4.4	4.6	3.9
Owensboro .....	46.9	48.6	48.7	2.8	3.4	3.0	6.0	7.0	6.2
<b>Louisiana</b> .....	1,967.8	1,982.4	2,017.6	127.3	106.6	112.8	6.5	5.4	5.8
Alexandria .....	58.3	58.7	59.5	3.3	3.2	3.3	5.6	5.4	5.6
Baton Rouge .....	282.6	290.7	295.6	14.8	12.4	12.9	5.2	4.3	4.4
Houma .....	82.1	84.4	86.2	4.1	2.8	3.1	5.0	3.4	3.6
Lafayette .....	163.8	168.3	171.8	9.5	7.9	8.2	5.8	4.7	4.7
Lake Charles .....	88.3	88.5	90.5	4.7	4.6	5.1	5.3	5.2	5.6
Monroe .....	68.6	69.0	70.1	3.9	3.8	4.1	5.7	5.6	5.9
New Orleans .....	605.4	604.4	613.8	35.8	28.1	29.6	5.9	4.6	4.8
Shreveport-Bossier City .....	181.1	183.0	185.7	18.1	10.4	11.1	8.9	5.7	6.0
<b>Maine</b> .....	658.6	656.7	666.9	43.0	38.0	37.0	6.5	5.8	5.6
Lewiston-Auburn .....	52.5	52.5	53.0	3.7	3.2	3.2	7.1	8.2	6.0
Portland .....	129.0	133.4	134.9	4.8	3.8	3.7	3.7	2.8	2.7

See footnotes at end of table.

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

**C-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		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>Maryland</b> .....	2,740.0	2,725.1	2,733.0	141.0	136.9	125.7	5.1	5.0	4.6
Baltimore .....	1,281.8	1,274.3	1,278.3	71.2	69.3	65.0	5.6	5.4	5.1
<b>Massachusetts</b> .....	3,163.2	3,182.6	3,197.5	163.1	139.5	142.4	5.2	4.4	4.5
Barnstable-Yarmouth .....	65.5	66.1	66.8	5.3	5.0	4.9	8.1	7.6	7.3
Boston .....	1,753.8	1,773.9	1,780.5	74.2	62.2	63.8	4.2	3.5	3.8
Brockton .....	128.2	126.4	127.2	7.6	6.4	6.8	6.0	5.0	5.2
Fitchburg-Leominster .....	68.7	68.0	68.7	4.1	3.4	3.6	6.0	5.0	5.2
Lawrence .....	195.2	195.3	195.6	11.9	10.6	9.4	6.1	5.4	4.8
Lowell .....	155.1	155.9	156.9	7.2	6.5	6.6	4.6	4.2	4.2
New Bedford .....	81.3	81.1	80.9	8.8	7.8	7.3	10.9	9.4	9.0
Pittsfield .....	39.6	40.0	40.2	2.6	2.8	2.7	6.7	6.4	6.7
Springfield .....	278.2	278.5	279.4	15.3	12.9	13.2	5.5	4.6	4.7
Worcester .....	244.3	248.9	246.1	11.5	9.8	10.1	4.7	4.0	4.1
<b>Michigan</b> .....	4,746.2	4,838.4	4,840.0	268.5	248.2	234.0	5.7	5.1	4.8
Ann Arbor .....	279.4	282.4	283.5	8.8	8.9	8.3	3.2	3.1	2.9
Benton Harbor .....	80.9	81.8	81.8	4.7	5.2	4.7	5.8	6.3	5.8
Detroit .....	2,124.0	2,174.9	2,175.4	107.0	94.3	89.8	5.0	4.3	4.1
Flint .....	203.6	200.9	200.7	15.6	12.2	11.8	7.6	6.1	5.9
Grand Rapids-Muskegon-Holland .....	543.7	562.7	563.4	23.2	22.8	20.9	4.3	4.1	3.7
Jackson .....	73.4	74.1	74.1	3.9	3.9	3.7	5.3	5.2	5.0
Kalamazoo-Battle-Creek .....	222.9	224.0	224.1	10.4	10.3	9.9	4.6	4.6	4.4
Lansing-East Lansing .....	234.4	237.7	237.2	15.0	8.5	8.0	6.4	3.6	3.4
Saginaw-Bay City-Midland .....	169.8	193.4	193.3	11.0	11.2	10.7	5.8	5.8	5.5
<b>Minnesota</b> .....	2,579.9	2,615.1	2,628.3	112.0	95.1	90.2	4.3	3.6	3.4
Duluth-Superior .....	120.8	124.1	124.3	7.5	8.7	8.7	6.2	5.4	5.3
Minneapolis-St.Paul .....	1,600.4	1,630.5	1,642.0	50.4	42.2	40.3	3.1	2.6	2.5
Rochester .....	63.8	64.5	64.8	2.2	1.6	1.5	3.4	2.6	2.3
St. Cloud .....	93.7	94.1	94.0	5.3	4.9	4.5	5.6	5.2	4.7
<b>Mississippi</b> .....	1,260.2	1,274.0	1,276.5	79.4	72.3	73.7	6.3	5.7	5.8
Jackson .....	218.8	223.7	225.1	7.8	7.3	7.7	3.8	3.3	3.4
<b>Missouri</b> .....	2,885.5	2,843.8	2,842.3	133.3	138.0	124.0	4.7	4.9	4.4
Kansas City .....	927.8	947.2	946.4	37.5	36.5	34.4	4.0	3.9	3.6
St. Louis LMA .....	1,340.9	1,346.6	1,344.6	60.4	57.9	53.8	4.5	4.3	4.0
Springfield .....	168.6	167.0	167.5	5.7	6.5	6.0	3.4	3.9	3.6
<b>Montana</b> .....	442.3	449.6	454.2	28.4	26.3	26.1	6.4	5.9	5.8
<b>Nebraska</b> .....	903.2	910.7	910.9	27.4	25.0	22.8	3.0	2.7	2.5
Lincoln .....	138.0	142.0	143.0	3.4	2.9	2.7	2.5	2.0	1.9
Omaha .....	374.7	382.4	383.9	11.0	11.0	10.1	2.9	2.9	2.6
<b>Nevada</b> .....	824.0	880.4	877.9	41.6	41.1	37.1	5.0	4.7	4.2
Las Vegas .....	619.0	665.9	664.6	29.8	29.8	27.6	4.8	4.5	4.2
Reno .....	164.9	169.9	169.2	8.6	8.2	6.9	5.2	4.8	4.1
<b>New Hampshire</b> .....	621.2	642.3	637.7	29.0	24.5	18.7	4.7	3.8	2.6
Manchester .....	97.2	100.3	99.7	3.8	3.4	2.3	3.9	3.4	2.3
Nashua .....	95.2	98.1	97.9	4.4	3.3	2.2	4.7	3.4	2.3
Portsmouth-Rochester .....	118.9	120.9	120.9	5.0	4.2	2.9	4.2	3.5	2.4
<b>New Jersey</b> .....	4,087.4	4,110.5	4,113.3	267.7	247.4	236.2	6.5	6.0	5.7
Atlantic-Cape May .....	163.6	166.6	168.3	18.0	18.5	17.2	11.0	11.0	10.2
Bergen-Passaic .....	665.5	687.9	687.8	44.4	39.9	38.5	6.7	6.0	5.8
Jersey City .....	285.3	285.7	285.1	26.5	24.3	23.6	9.3	8.5	8.3
Middlesex-Somerset-Hunterdon .....	607.4	618.5	618.7	28.7	25.5	24.2	4.7	4.1	3.9
Monmouth-Ocean .....	501.8	501.6	506.7	30.4	29.9	28.0	6.1	6.0	5.5
Newark .....	1,005.5	1,009.9	1,008.1	64.4	58.2	56.8	6.4	5.8	5.6
Trenton .....	170.0	189.1	189.5	10.0	9.0	8.5	5.9	5.3	5.0
Vineland-Millville-Bridgeton .....	64.5	63.8	64.1	7.0	6.9	6.4	10.9	10.8	10.1
<b>New Mexico</b> .....	796.3	811.6	813.9	60.9	51.3	53.4	7.6	6.3	6.6
Albuquerque .....	343.7	355.7	354.4	15.9	14.0	14.6	4.6	3.9	4.1
Las Cruces .....	65.8	67.2	68.3	7.1	6.3	6.5	10.7	9.3	9.8
Santa Fe .....	72.3	72.8	73.0	3.6	2.8	2.9	4.9	3.9	4.0

See footnotes at end of table.



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

**C-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		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>New York</b> .....	8,585.2	8,639.4	8,675.5	587.9	595.1	585.7	6.8	6.9	6.8
Albany-Schenectady-Troy .....	445.4	445.2	446.6	23.9	21.1	19.6	5.4	4.7	4.4
Binghamton .....	120.9	123.4	124.1	6.4	6.1	5.7	5.3	5.0	4.6
Buffalo-Niagara Falls .....	566.9	568.4	568.4	32.4	33.0	30.9	5.7	5.8	5.4
Dutchess County .....	118.1	118.2	118.4	5.5	5.5	5.0	4.7	4.6	4.2
Elmira .....	43.7	45.0	45.1	2.1	2.0	1.9	4.8	4.4	4.1
Glens Falls .....	59.2	60.2	59.4	4.9	4.9	4.7	8.3	8.2	7.9
Nassau-Suffolk .....	1,346.1	1,349.3	1,359.0	81.5	54.6	49.3	4.6	4.0	3.6
New York .....	3,814.1	3,846.2	3,875.4	330.3	352.0	359.7	8.4	8.9	9.0
New York City .....	3,293.3	3,324.4	3,351.2	303.2	327.1	337.0	9.2	9.8	10.1
Newburgh .....	187.5	189.0	188.8	8.3	7.9	7.4	5.0	4.7	4.4
Rochester .....	565.4	570.1	569.1	28.2	25.2	23.5	4.8	4.4	4.1
Syracuse .....	361.0	362.6	360.2	20.6	19.6	17.7	5.7	5.4	4.9
Utica-Rome .....	140.9	141.7	141.3	9.1	8.4	8.0	6.5	5.9	5.6
<b>North Carolina</b> .....	3,709.5	3,756.4	3,778.1	164.5	158.3	131.8	4.4	4.2	3.5
Asheville .....	108.6	108.9	109.8	4.0	3.6	3.2	3.7	3.5	2.9
Charlotte-Gastonia-Rock Hill .....	720.0	734.5	741.3	25.8	24.0	21.5	3.6	3.3	2.9
Greensboro-Winston-Salem-High Point .....	620.9	628.2	632.7	19.4	20.1	18.1	3.1	3.2	2.9
Raleigh-Durham-Chapel Hill .....	573.4	581.5	586.9	13.5	12.3	10.8	2.4	2.1	1.8
<b>North Dakota</b> .....	333.2	338.1	339.5	11.8	10.2	10.8	3.5	3.0	3.2
Bismarck .....	50.9	52.3	52.5	1.8	1.7	1.9	3.4	3.3	3.6
Fargo-Moorhead .....	98.0	99.0	99.2	2.9	2.2	2.2	3.0	2.2	2.2
Grand Forks .....	54.1	55.3	55.5	1.9	1.6	1.7	3.6	3.0	3.0
<b>Ohio</b> .....	5,571.8	5,698.3	5,698.3	308.9	342.2	294.6	5.5	6.0	5.2
Akron .....	358.3	363.4	363.6	18.5	20.6	18.0	5.2	5.7	5.0
Canton-Massillon .....	198.5	203.2	203.1	11.7	13.1	11.7	5.9	6.5	5.7
Cincinnati .....	804.5	820.7	822.8	35.4	39.3	32.7	4.4	4.8	4.0
Cleveland-Lorain-Elyria .....	1,085.1	1,115.3	1,118.0	56.2	71.0	61.2	5.2	6.4	5.5
Columbus .....	779.7	799.0	801.7	25.9	29.1	25.5	3.3	3.8	3.2
Dayton-Springfield .....	471.3	477.7	477.5	26.3	24.5	20.8	5.6	5.1	4.4
Hamilton-Middletown .....	167.8	169.3	171.0	7.4	7.4	6.5	4.4	4.4	3.8
Lima .....	74.1	75.9	75.9	4.5	4.8	4.1	6.1	6.3	5.4
Mansfield .....	63.3	64.7	64.8	5.4	5.7	5.2	6.5	6.8	6.2
Steubenville-Weirton .....	57.2	56.3	56.6	3.9	7.4	7.3	6.8	13.2	12.9
Toledo .....	310.3	315.8	316.8	15.3	18.4	15.7	4.9	5.8	4.9
Youngstown-Warren .....	265.2	265.4	264.6	28.8	20.8	18.4	10.1	7.3	6.4
<b>Oklahoma</b> .....	1,582.2	1,590.7	1,598.0	85.8	63.7	58.0	4.2	4.0	3.6
Enid .....	28.9	27.0	27.1	1.0	.8	.7	3.8	3.0	2.7
Lawton .....	40.5	40.7	41.3	1.9	2.0	1.8	4.7	4.9	4.3
Oklahoma City .....	512.9	524.2	524.0	16.2	18.2	14.5	3.2	3.1	2.8
Tulsa .....	360.4	391.3	393.4	13.8	13.0	12.1	3.6	3.3	3.1
<b>Oregon</b> .....	1,707.9	1,681.0	1,703.1	112.0	113.2	113.2	6.6	6.7	6.6
Eugene-Springfield .....	159.6	158.6	158.4	10.3	10.3	10.0	6.5	6.6	6.3
Medford-Ashland .....	85.4	82.8	83.7	8.1	7.8	7.7	9.4	9.4	9.3
Portland-Vancouver .....	995.9	993.8	1,005.2	46.4	47.7	47.8	4.7	4.8	4.8
Salem .....	160.8	157.5	159.5	10.0	10.3	10.5	6.3	6.5	6.6
<b>Pennsylvania</b> .....	5,825.0	5,892.0	5,920.5	344.9	318.6	316.1	5.9	5.4	5.4
Allentown-Bethlehem-Easton .....	299.3	303.3	306.1	18.1	16.1	16.0	6.0	5.3	5.2
Altoona .....	60.5	62.0	61.7	4.0	3.7	3.5	6.5	6.0	5.7
Erie .....	138.1	139.1	139.2	9.2	8.7	8.8	6.7	6.2	6.4
Harrisburg-Lebanon-Carlisle .....	339.6	346.4	348.1	13.2	11.2	11.6	3.9	3.2	3.3
Johnstown .....	106.2	106.0	107.7	9.7	9.3	9.5	9.1	8.8	8.8
Lancaster .....	229.6	234.6	237.3	8.4	6.9	6.7	3.7	2.9	2.8
Philadelphia .....	2,436.8	2,460.9	2,488.3	134.4	121.7	120.5	5.5	4.9	4.9
Pittsburgh .....	1,132.9	1,144.1	1,147.0	64.2	60.6	60.3	5.7	5.3	5.3
Reading .....	178.9	181.1	182.9	8.7	7.7	8.1	4.9	4.3	4.4
Scranton-Wilkes-Barre-Hazleton .....	308.8	311.1	313.1	25.3	23.9	23.8	8.2	7.7	7.6
Sharon .....	55.1	55.9	58.3	2.9	3.0	3.8	5.3	5.3	6.4
State College .....	85.2	86.0	88.1	2.2	2.2	2.2	3.4	3.4	3.4
Williamsport .....	56.8	58.4	58.3	4.4	4.0	3.9	7.8	6.9	6.7
York .....	190.9	192.5	193.1	8.8	8.2	8.2	4.8	4.3	4.3
<b>Rhode Island</b> .....	485.4	496.9	491.3	29.0	29.9	26.5	6.0	6.0	5.4
Providence-Fall River-Warwick .....	564.0	570.8	566.4	37.8	38.3	33.4	6.7	6.4	5.9

See footnotes at end of table.

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

**C-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		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>South Carolina</b> .....	1,843.0	1,864.7	1,888.0	104.2	110.0	98.8	5.7	5.9	5.2
Charleston-North Charleston .....	239.7	243.2	246.6	12.1	12.8	12.0	5.1	5.3	4.9
Columbia .....	258.6	262.2	266.8	9.5	9.1	8.5	3.7	3.5	3.2
Greenville-Spartanburg-Anderson .....	466.9	475.0	480.8	18.2	19.3	17.8	3.9	4.1	3.7
<b>South Dakota</b> .....	381.7	379.6	384.5	14.5	12.7	13.1	3.6	3.3	3.4
Rapid City .....	43.4	44.7	45.1	1.9	1.5	1.6	4.3	3.4	3.5
Sioux Falls .....	92.4	93.6	95.2	2.3	2.1	2.1	2.4	2.3	2.3
<b>Tennessee</b> .....	2,725.6	2,717.1	2,734.6	140.8	145.2	142.6	5.2	5.3	5.2
Chattanooga .....	221.8	220.7	220.1	10.7	10.7	10.3	4.8	4.9	4.7
Johnson City-Kingsport-Bristol .....	229.9	226.7	228.2	12.0	11.3	10.6	5.2	5.0	4.7
Knoxville .....	339.5	339.9	341.4	16.6	18.2	17.4	4.9	5.4	5.1
Memphis .....	530.0	532.5	536.8	23.1	22.3	22.5	4.4	4.2	4.2
Nashville .....	609.2	612.8	616.0	19.5	19.6	19.9	3.2	3.2	3.2
<b>Texas</b> .....	9,633.6	9,611.3	9,849.9	549.8	575.2	560.8	5.7	5.9	5.7
Abilene .....	60.4	60.8	61.2	3.3	2.6	2.8	5.4	4.4	4.6
Amarillo .....	111.5	113.7	114.3	4.1	4.9	4.8	3.7	4.3	4.2
Austin-San Marcos .....	627.5	640.8	642.4	17.3	21.2	21.1	2.8	3.3	3.3
Beaumont-Port Arthur .....	179.1	179.5	181.0	15.7	14.5	15.6	8.8	8.1	8.6
Brazoria .....	104.8	107.2	107.0	6.7	7.9	7.7	6.4	7.3	7.2
Brownsville-Harlingen-San Benito .....	123.8	128.1	126.9	16.6	16.4	15.7	13.4	13.0	12.4
Bryan-College Station .....	70.0	70.9	71.5	1.8	1.7	1.8	2.5	2.4	2.2
Corpus Christi .....	174.1	180.5	162.7	14.1	15.4	15.3	8.1	8.6	8.4
Dallas .....	1,723.1	1,776.7	1,783.8	71.2	71.6	70.3	4.1	4.0	3.9
El Paso .....	287.8	292.9	293.0	32.9	35.0	34.3	11.4	11.9	11.7
Fort Worth-Arlington .....	825.8	843.5	848.1	34.0	34.3	32.2	4.1	4.1	3.8
Galveston-Texas City .....	127.4	125.6	127.1	9.7	10.6	10.8	7.8	8.4	8.5
Houston .....	1,995.0	2,027.2	2,033.1	102.6	110.6	110.1	5.2	5.5	5.4
Killeen-Temple .....	111.6	114.0	114.0	5.6	6.0	6.1	5.0	5.3	5.4
Laredo .....	68.9	70.0	70.1	9.4	8.7	8.5	13.7	12.5	12.1
Longview-Marshall .....	101.9	103.2	102.9	8.0	8.2	6.1	7.8	8.0	7.8
Lubbock .....	121.2	122.1	122.7	4.8	4.7	4.9	4.0	3.6	4.0
McAllen-Edinburg-Mission .....	194.4	198.9	198.3	36.7	41.7	37.9	19.9	20.9	19.1
Odessa-Midland .....	119.0	120.2	120.3	6.6	7.0	6.8	5.7	5.8	5.7
San Angelo .....	50.3	51.2	51.4	1.9	1.6	1.8	3.8	3.6	3.5
San Antonio .....	725.7	728.4	733.5	30.6	30.4	30.1	4.2	4.2	4.1
Sherman-Denison .....	48.4	49.5	49.6	2.6	2.5	2.5	5.3	5.1	5.0
Texarkana .....	56.8	57.6	57.5	4.2	4.6	4.5	7.5	8.0	7.8
Tyler .....	85.6	86.2	88.1	5.6	5.5	5.3	6.5	6.3	6.0
Victoria .....	41.6	42.4	42.4	2.1	2.5	2.4	5.2	5.9	5.7
Waco .....	96.9	100.9	101.4	4.5	4.5	4.8	4.6	4.5	4.7
Wichita Falls .....	65.6	66.0	66.2	2.6	2.9	3.0	4.2	4.5	4.5
<b>Utah</b> .....	989.3	1,021.1	1,022.2	34.1	36.1	29.9	3.5	3.5	2.8
Provo-Orem .....	144.5	153.0	153.8	4.2	4.6	3.7	2.9	3.0	2.4
Salt Lake City-Ogden .....	622.3	657.2	657.7	19.7	20.6	16.9	3.2	3.1	2.6
<b>Vermont</b> .....	322.1	327.0	326.9	16.1	15.6	14.1	5.0	4.8	4.3
Burlington .....	95.0	97.3	96.6	3.3	3.2	2.9	3.5	3.3	3.0
<b>Virginia</b> .....	3,366.9	3,482.7	3,500.5	140.4	153.5	139.8	4.1	4.4	4.0
Charlottesville .....	72.0	74.4	75.2	1.6	2.0	1.8	2.2	2.7	2.4
Danville .....	56.7	57.6	58.2	3.7	3.2	3.5	6.5	5.5	6.0
Lynchburg .....	102.5	106.1	106.1	3.6	4.6	4.3	3.5	4.5	4.0
Norfolk-Virginia Beach-Newport News .....	708.4	738.0	743.6	31.4	36.1	34.4	4.4	4.9	4.6
Richmond-Petersburg .....	493.8	500.3	503.4	16.1	16.6	16.7	3.3	3.7	3.3
Roanoke .....	126.4	131.9	133.1	3.4	4.3	4.6	2.8	3.3	3.4
<b>Washington</b> .....	2,852.4	2,906.2	2,913.3	209.1	180.8	163.8	7.3	6.2	5.6
Seattle-Bellevue-Everett .....	1,268.2	1,309.2	1,310.2	71.2	54.9	50.8	5.8	4.2	3.9
Spokane .....	201.0	201.9	201.0	13.8	13.0	11.4	6.8	6.4	5.7
Tacoma .....	317.4	328.2	329.1	22.1	18.4	17.0	6.9	5.6	5.2

See footnotes at end of table.

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

**C-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		
	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>	Mar. 1996	Feb. 1997	Mar. 1997 <sup>P</sup>
<b>West Virginia</b> .....	792.3	796.3	795.0	66.4	69.5	61.8	8.4	8.7	7.8
Charleston .....	127.0	128.8	128.7	8.0	7.9	7.0	6.3	6.1	5.4
Huntington-Ashland .....	135.5	137.1	136.5	10.4	10.9	9.5	7.7	8.0	7.0
Parkersburg-Marietta .....	75.4	75.8	75.5	5.4	5.6	5.0	7.1	7.4	6.6
Wheeling .....	71.2	74.0	74.5	5.0	6.3	5.8	7.1	8.5	7.8
<b>Wisconsin</b> .....	2,871.8	2,886.2	2,892.4	123.5	126.5	121.4	4.3	4.4	4.2
Appleton-Oshkosh-Neenah .....	217.1	217.8	219.7	7.5	7.8	8.2	3.4	3.6	3.7
Eau Claire .....	78.8	80.8	80.4	3.9	3.9	3.7	5.0	4.8	4.6
Green Bay .....	127.9	129.4	129.5	4.5	4.6	4.5	3.8	3.6	3.5
Janesville-Beloit .....	78.0	77.0	77.2	3.2	3.8	3.2	4.1	4.7	4.2
Kenosha .....	76.5	75.7	75.7	2.9	2.9	2.7	3.8	3.8	3.6
La Crosse .....	70.7	71.3	71.1	3.0	2.8	2.8	4.3	3.6	3.8
Madison .....	252.4	257.0	257.4	5.4	5.2	5.1	2.1	2.0	2.0
Milwaukee-Waukesha .....	792.3	796.7	799.3	28.3	29.2	28.4	3.8	3.7	3.5
Racine .....	92.9	92.9	92.7	4.4	4.6	4.2	4.8	4.9	4.6
Sheboygan .....	61.2	61.0	61.2	2.0	1.8	1.8	3.3	2.9	2.8
Wausau .....	70.8	70.8	70.7	3.8	3.7	3.4	5.4	5.2	4.8
<b>Wyoming</b> .....	255.8	252.7	255.2	15.3	14.7	14.1	8.0	5.8	5.5
Casper .....	33.3	33.4	33.7	2.4	2.1	2.1	7.3	6.3	6.1
<b>Puerto Rico</b> .....	1,269.5	1,296.3	1,296.8	163.0	184.3	167.7	12.8	12.7	12.9
Caguas .....	107.3	111.5	112.9	12.5	12.5	13.0	11.6	11.2	11.5
Mayaguez .....	91.0	92.1	91.2	13.4	14.8	13.7	14.7	16.1	15.1
Ponce .....	107.0	109.2	109.7	18.9	19.2	20.0	17.6	17.5	18.2
San Juan-Bayamon .....	690.3	706.6	704.6	71.3	69.6	71.6	10.3	9.9	10.2

<sup>P</sup> = preliminary.

NOTE: Data refer to place of residence. All estimates are provisional and will

be revised when new benchmark and population information becomes available. Data for the areas in Tennessee have been corrected for 1996 forward.

# Annual Averages

## States and Areas

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

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

State and area	Total			Mining			Construction		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Alabama</b> .....	1,758.5	1,803.6	1,824.5	10.6	10.9	10.6	82.2	86.8	93.5
Birmingham .....	430.0	442.8	449.6	3.0	3.3	3.3	22.1	23.3	25.4
Huntsville .....	162.9	165.5	167.8	(1)	(1)	(1)	5.9	5.7	5.8
Mobile .....	202.8	208.2	213.7	(1)	(1)	(1)	14.8	14.8	15.9
Montgomery .....	146.7	150.0	154.1	(1)	(1)	(1)	7.3	7.8	8.8
Tuscaloosa .....	71.3	73.3	74.8	2.5	2.7	2.7	4.1	4.6	5.1
<b>Alaska</b> .....	259.3	262.0	263.2	10.7	10.0	10.0	12.3	12.8	12.5
Anchorage .....	120.1	120.5	120.6	3.2	2.7	2.5	6.4	6.4	6.3
<b>Arizona</b> .....	1,692.1	1,795.7	1,895.6	11.7	12.9	14.4	107.0	119.7	126.5
Phoenix-Mesa .....	1,141.9	1,224.9	1,309.5	4.4	5.7	6.7	73.3	84.8	90.6
Tucson .....	291.5	302.7	308.1	2.6	2.2	2.3	18.7	19.3	19.2
<b>Arkansas</b> .....	1,034.1	1,069.4	1,085.6	3.5	3.5	3.5	41.3	44.3	47.3
Fayetteville-Springdale-Rogers .....	123.8	131.1	135.0	(1)	(1)	(1)	4.9	5.5	5.9
Fort Smith .....	90.6	92.6	94.1	0.9	0.8	0.9	3.4	3.4	3.7
Little Rock-North Little Rock .....	281.3	290.9	297.3	(1)	(1)	(1)	12.5	13.3	14.3
Pine Bluff .....	34.6	35.3	35.8	(1)	(1)	(1)	0.8	0.8	1.1
<b>California</b> .....	12,159.5	12,422.2	12,775.0	31.9	30.0	29.8	464.3	485.4	510.5
Bakersfield .....	170.8	172.8	175.2	10.9	10.9	10.8	8.7	8.5	8.4
Fresno .....	259.0	266.9	270.7	0.8	0.6	0.6	13.1	13.0	13.1
Los Angeles-Long Beach .....	3,701.9	3,746.5	3,801.9	6.7	5.9	5.7	105.1	109.8	108.6
Modesto .....	122.3	124.0	128.4	(2)	(2)	(2)	6.5	6.0	6.3
Oakland .....	877.4	897.5	915.8	2.8	2.3	2.2	40.7	43.2	46.4
Orange County .....	1,126.8	1,151.7	1,184.2	0.9	0.9	0.9	47.3	49.8	52.1
Riverside-San Bernardino .....	751.3	779.9	807.4	1.2	1.1	1.2	40.3	43.1	48.4
Sacramento .....	589.2	587.0	605.8	0.4	0.2	0.2	26.6	27.6	29.7
Salinas .....	108.4	109.2	113.7	0.2	0.1	0.1	3.7	3.9	4.2
San Diego .....	955.3	978.6	999.0	0.4	0.3	0.3	40.8	43.6	44.3
San Francisco .....	903.7	918.5	951.7	0.7	0.6	0.6	28.6	27.7	30.9
San Jose .....	799.9	831.9	879.1	0.1	0.1	0.1	26.4	28.7	32.7
Santa Barbara-Santa Maria-Lompoc .....	143.6	144.4	146.8	1.0	1.2	1.1	5.1	5.4	5.8
Santa Rosa .....	147.0	150.3	157.2	0.5	0.5	0.5	7.2	7.5	8.3
Stockton-Lodi .....	157.4	160.3	163.3	0.1	0.1	0.1	6.4	6.3	6.7
Vallejo-Fairfield-Napa .....	140.6	141.7	144.3	0.4	0.4	0.5	8.1	8.3	8.5
Ventura .....	233.3	237.3	239.9	2.0	2.0	1.8	10.1	11.0	10.8
<b>Colorado</b> .....	1,755.9	1,834.4	1,896.9	15.8	14.8	13.6	97.1	102.1	111.1
Boulder-Longmont .....	142.0	146.4	150.9	(1)	(1)	(1)	5.7	5.8	6.2
Colorado Springs .....	185.3	197.4	207.2	(1)	(1)	(1)	9.7	10.3	12.0
Denver .....	942.8	980.5	1,007.2	8.3	7.5	6.8	50.8	53.2	57.3
<b>Connecticut</b> .....	1,543.7	1,581.5	1,582.8	0.7	0.7	0.8	49.3	50.4	51.6
Bridgeport .....	178.0	178.9	179.5	(2)	(2)	(2)	5.0	5.4	5.4
Danbury .....	82.8	83.2	83.4	(1)	(1)	(1)	2.9	3.0	3.0
Hartford .....	586.5	584.5	587.3	(1)	(1)	(1)	19.4	19.2	18.8
New Haven-Meriden .....	238.9	241.0	244.4	(1)	(1)	(1)	7.9	8.0	8.7
New London-Norwich .....	128.4	131.6	133.1	(1)	(1)	(1)	3.6	3.9	3.9
Stamford-Norwalk .....	185.2	190.4	196.1	(1)	(1)	(1)	4.8	5.0	5.5
Waterbury .....	80.5	82.0	83.7	(2)	(2)	(2)	2.8	2.8	3.0
<b>Delaware</b> .....	356.0	366.4	376.8	0.1	0.1	0.1	17.4	19.3	20.5
Dover .....	48.8	50.8	51.9	(2)	0.1	0.1	2.3	2.4	2.3
Wilmington-Newark .....	276.2	283.0	290.3	0.2	0.2	0.2	13.1	14.4	15.5
<b>District of Columbia</b> .....	658.8	642.6	623.0	0.1	0.1	0.1	9.0	8.7	8.5
Washington PMSA .....	2,376.5	2,404.7	2,421.8	0.8	0.8	0.9	112.6	114.0	116.6
<b>Florida</b> .....	5,799.4	5,996.1	6,182.5	6.8	6.8	6.9	296.0	308.3	323.5
Daytona Beach .....	140.7	145.7	148.4	(2)	(2)	(2)	7.1	7.4	7.3
Fort Lauderdale .....	584.7	584.7	606.4	0.2	0.2	0.1	32.1	32.8	33.7
Fort Myers-Cape Coral .....	139.7	145.4	148.5	(2)	(2)	(2)	11.5	11.3	12.1
Gainesville .....	104.9	107.7	110.0	(2)	(2)	(2)	3.8	4.1	4.3
Jacksonville .....	459.4	482.2	495.6	(2)	(2)	(2)	24.1	25.4	27.0
Lakeland-Winter Haven .....	158.5	162.0	165.9	3.4	3.5	3.3	7.6	8.0	8.5
Melbourne-Titusville-Palm Bay .....	169.2	168.6	169.6	(2)	(2)	(2)	8.8	8.7	9.3
Miami .....	909.8	926.6	941.4	0.4	0.4	0.4	35.8	36.2	34.8
Orlando .....	683.2	714.4	748.8	(2)	(2)	(2)	35.8	37.0	39.9
Pensacola .....	141.0	144.2	146.6	(2)	(2)	(2)	9.1	9.9	10.7
Sarasota-Bradenton .....	201.9	210.1	225.4	(2)	(2)	(2)	9.8	10.6	12.3
Tallahassee .....	138.6	144.2	145.3	(2)	(2)	(2)	5.1	5.3	6.0
Tampa-St. Petersburg-Clearwater .....	957.3	993.8	1,021.5	0.4	0.4	0.4	43.7	45.3	46.1
West Palm Beach-Boca Raton .....	386.1	399.1	416.4	(2)	(2)	(2)	21.7	23.6	24.5

See footnotes at end of table.

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

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

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Alabama</b> .....	386.4	391.8	382.6	87.1	89.6	90.2	393.4	409.0	418.9
Birmingham .....	52.3	53.6	52.0	30.3	30.3	30.2	104.5	108.3	109.9
Huntsville .....	36.7	37.8	38.7	3.3	3.5	3.5	31.2	32.4	33.5
Mobile .....	27.6	27.1	27.1	12.1	12.9	13.0	53.5	55.4	57.0
Montgomery .....	17.8	18.1	17.7	6.3	6.3	6.3	34.0	35.1	36.6
Tuscaloosa .....	10.4	10.7	10.7	2.3	2.4	2.5	16.0	16.8	17.2
<b>Alaska</b> .....	16.6	16.9	16.2	23.3	22.9	22.7	52.7	54.1	54.6
Anchorage .....	2.0	2.1	2.0	12.6	12.0	11.8	28.7	29.7	29.7
<b>Arizona</b> .....	186.4	194.0	199.5	83.2	87.2	92.1	420.8	444.5	466.2
Phoenix-Mesa .....	142.4	148.4	153.7	57.9	61.5	65.8	285.2	305.5	323.8
Tucson .....	24.2	28.0	28.6	13.1	13.5	13.4	66.8	67.8	67.0
<b>Arkansas</b> .....	254.0	259.3	253.5	59.4	63.6	64.9	232.6	242.3	247.4
Fayetteville-Springdale-Rogers .....	33.7	34.7	34.0	8.5	9.3	9.4	33.1	35.3	37.0
Fort Smith .....	27.4	28.0	27.7	5.7	6.0	6.3	18.5	19.3	19.5
Little Rock-North Little Rock .....	35.0	35.4	34.0	17.9	19.9	20.6	85.8	67.8	69.4
Pine Bluff .....	7.4	7.7	8.0	2.0	1.9	1.8	7.3	7.5	7.5
<b>California</b> .....	1,777.3	1,794.2	1,853.2	619.0	830.2	641.5	2,845.1	2,915.1	2,973.4
Bakersfield .....	9.8	9.8	9.8	8.9	9.0	9.2	41.4	41.3	42.4
Fresno .....	30.0	29.8	29.9	12.8	13.5	13.8	64.5	66.0	66.0
Los Angeles-Long Beach .....	641.5	638.4	648.1	201.6	202.8	204.4	821.5	835.8	841.8
Modesto .....	24.8	25.1	26.5	5.5	5.2	5.6	30.7	31.6	32.0
Oakland .....	102.3	108.1	113.7	57.3	58.3	58.9	203.5	205.3	208.6
Orange County .....	205.0	205.5	211.8	39.4	42.4	42.8	282.7	291.8	297.3
Riverside-San Bernardino .....	88.4	94.4	99.2	39.1	40.8	42.0	198.2	205.9	209.9
Sacramento .....	36.4	40.7	43.2	24.4	25.0	25.3	128.0	131.2	133.5
Salinas .....	9.3	8.8	9.4	5.1	5.0	5.3	29.0	29.3	30.4
San Diego .....	114.1	114.9	118.2	36.4	37.4	38.0	227.0	229.5	234.7
San Francisco .....	73.2	72.9	76.0	75.1	74.2	76.0	194.1	198.0	199.5
San Jose .....	228.0	231.2	248.6	23.8	24.0	25.0	160.3	166.1	173.4
Santa Barbara-Santa Maria-Lompoc .....	17.0	15.9	16.2	5.1	5.1	5.3	34.8	35.2	35.0
Santa Rosa .....	21.1	21.9	23.3	5.9	5.7	6.0	38.0	38.6	40.4
Stockton-Lodi .....	22.8	23.0	23.6	10.9	11.7	11.8	38.7	38.9	39.3
Vallejo-Fairfield-Napa .....	14.3	15.7	17.1	5.9	5.5	5.8	36.3	37.3	38.0
Ventura .....	30.0	29.6	30.3	10.6	10.3	9.7	56.0	58.1	59.0
<b>Colorado</b> .....	190.9	192.4	196.0	108.3	117.5	120.3	429.5	453.3	464.5
Boulder-Longmont .....	30.0	30.0	29.9	4.0	3.5	3.6	30.4	32.4	33.6
Colorado Springs .....	24.1	24.8	24.9	9.0	10.0	11.3	41.8	44.7	46.8
Denver .....	89.8	87.5	89.3	75.0	83.1	84.4	231.2	242.2	246.4
<b>Connecticut</b> .....	285.1	279.0	275.2	70.4	71.3	73.1	335.4	341.0	346.7
Bridgeport .....	42.8	41.8	40.0	7.2	7.2	7.2	39.5	40.0	40.5
Danbury .....	19.8	19.3	19.1	2.9	2.9	2.8	21.3	21.9	22.0
Hartford .....	94.7	90.8	90.4	24.4	25.0	25.8	122.6	123.1	123.0
New Haven-Meriden .....	40.0	39.7	39.3	16.4	16.2	15.8	48.8	49.7	50.8
New London-Norwich .....	28.3	27.9	26.0	5.9	6.2	6.3	26.7	27.4	27.8
Stamford-Norwalk .....	28.9	28.3	28.4	8.6	8.8	9.8	43.3	43.0	44.0
Waterbury .....	18.2	18.4	18.4	3.3	3.3	3.4	16.1	16.3	17.0
<b>Delaware</b> .....	63.5	61.5	58.1	15.3	15.6	15.7	78.8	82.2	84.1
Dover .....	6.2	6.5	6.4	1.7	1.6	1.7	12.6	13.2	13.3
Wilmington-Newark .....	48.0	45.2	42.3	13.2	13.5	13.8	57.1	59.1	60.1
<b>District of Columbia</b> .....	13.0	13.0	13.1	20.9	19.9	19.3	52.8	52.2	49.7
Washington PMSA .....	92.4	93.5	95.8	109.7	111.9	111.7	453.0	464.2	466.9
<b>Florida</b> .....	484.0	486.5	490.4	296.3	305.5	314.1	1,507.2	1,553.8	1,606.9
Daytona Beach .....	13.2	13.7	14.0	3.7	3.8	3.6	40.2	41.8	42.8
Fort Lauderdale .....	41.2	41.5	42.9	27.1	28.9	30.6	160.3	165.3	170.4
Fort Myers-Cape Coral .....	5.7	6.3	6.7	6.2	6.4	6.5	38.8	41.2	42.5
Gainesville .....	5.5	5.5	5.5	2.0	2.2	2.3	22.4	23.6	24.3
Jacksonville .....	34.5	35.6	36.7	33.5	34.4	34.9	114.2	118.8	124.4
Lakeland-Winter Haven .....	20.4	21.3	21.3	8.3	8.6	9.0	43.4	44.7	46.3
Melbourne-Titusville-Palm Bay .....	28.4	27.0	26.0	4.7	4.5	4.7	39.1	39.8	40.7
Miami .....	79.7	77.5	77.3	74.8	78.1	79.6	238.8	242.3	247.1
Orlando .....	50.2	51.1	51.7	38.0	38.0	39.3	169.8	177.9	186.2
Pensacola .....	11.2	11.1	11.5	8.5	6.6	6.6	34.1	35.3	37.2
Sarasota-Bradenton .....	19.2	20.1	20.3	5.2	5.2	5.3	52.7	54.8	57.7
Tallahassee .....	4.8	5.0	5.2	3.4	3.6	3.7	29.8	31.0	29.9
Tampa-St. Petersburg-Clearwater .....	86.8	86.8	87.1	42.8	44.0	45.1	241.1	247.4	256.5
West Palm Beach-Boca Raton .....	30.5	29.8	29.3	14.8	14.8	15.4	103.8	105.4	108.6

See footnotes at end of table.

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

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

State and area	Finance, insurance, and real estate			Services			Government		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Alabama</b> .....	77.0	78.2	81.5	375.8	394.2	405.5	346.0	343.2	341.7
Birmingham .....	30.5	31.2	32.8	119.2	124.8	127.8	67.9	68.2	68.2
Huntsville .....	4.6	4.6	4.6	41.5	42.3	43.2	39.8	39.4	38.6
Mobile .....	8.8	9.1	9.5	52.5	55.3	57.4	33.6	33.8	33.8
Montgomery .....	8.5	8.5	8.9	35.8	37.8	39.6	37.0	36.3	36.0
Tuscaloosa .....	2.1	2.2	2.4	11.9	12.6	13.1	22.0	21.2	21.0
<b>Alaska</b> .....	11.9	11.7	11.7	58.0	60.8	62.4	73.9	72.8	73.1
Anchorage .....	7.2	7.2	7.1	31.3	32.4	33.5	28.8	28.1	27.8
<b>Arizona</b> .....	106.7	107.8	115.1	470.2	519.1	561.4	294.3	310.5	320.6
Phoenix-Mesa .....	86.0	87.4	94.8	331.7	366.0	401.6	161.0	165.6	172.5
Tucson .....	12.5	12.0	12.2	86.0	91.3	96.8	65.5	68.4	68.5
<b>Arkansas</b> .....	41.6	41.9	43.1	228.8	237.4	246.5	173.0	177.1	179.3
Fayetteville-Springdale-Rogers .....	4.2	4.4	4.7	23.3	24.7	25.8	16.1	17.4	18.2
Fort Smith .....	2.9	3.0	3.1	22.6	22.8	23.4	9.3	9.3	9.6
Little Rock-North Little Rock .....	18.8	18.7	17.1	78.2	81.4	84.8	55.1	56.5	57.1
Pine Bluff .....	1.4	1.4	1.4	7.8	8.1	8.4	7.9	7.9	7.7
<b>California</b> .....	770.6	731.9	733.1	3,558.2	3,728.5	3,916.7	2,093.2	2,107.0	2,117.0
Bakersfield .....	5.7	5.9	6.0	38.6	40.3	41.3	46.7	47.3	47.4
Fresno .....	13.7	13.8	14.1	63.7	66.5	68.2	60.5	63.8	64.9
Los Angeles-Long Beach .....	237.1	222.1	216.7	1,154.8	1,196.2	1,245.3	533.7	535.7	533.3
Modesto .....	4.9	4.5	4.3	28.1	28.9	30.2	22.1	22.6	23.5
Oakland .....	56.5	52.9	51.8	244.4	257.5	266.2	169.9	169.8	168.1
Orange County .....	91.8	84.9	85.6	330.6	348.6	364.1	129.2	128.2	129.9
Riverside-San Bernardino .....	31.1	29.4	29.7	195.2	202.6	211.7	157.8	162.6	167.4
Sacramento .....	41.2	38.9	39.3	149.5	157.7	167.5	162.6	165.8	167.0
Salinas .....	6.6	6.4	6.1	28.7	29.9	31.4	25.8	25.8	26.8
San Diego .....	59.1	55.8	56.6	296.1	310.9	319.3	181.5	186.1	189.6
San Francisco .....	98.8	95.9	97.8	308.1	322.0	346.4	127.1	125.0	124.5
San Jose .....	30.0	28.7	29.9	245.1	265.3	283.6	88.3	87.8	87.8
Santa Barbara-Santa Maria-Lompoc .....	7.4	7.2	7.1	43.7	44.7	46.4	29.3	29.7	29.6
Santa Rosa .....	10.6	9.8	9.4	38.9	41.3	44.4	24.9	25.1	25.0
Stockton-Lodi .....	8.8	8.3	8.4	36.0	38.4	40.2	33.7	33.7	33.2
Vallejo-Fairfield-Napa .....	5.4	5.4	5.8	35.8	36.1	37.8	34.3	32.9	31.0
Ventura .....	12.4	12.0	11.8	69.5	71.4	73.1	42.7	43.0	43.6
<b>Colorado</b> .....	111.1	113.4	117.9	504.1	537.2	564.9	299.3	303.7	308.6
Boulder-Longmont .....	5.4	5.3	5.4	41.2	44.1	46.7	25.3	25.4	25.4
Colorado Springs .....	9.6	9.9	10.5	58.8	64.8	68.0	32.4	33.1	33.7
Denver .....	73.5	75.4	78.0	275.2	292.0	304.1	139.0	139.5	140.9
<b>Connecticut</b> .....	135.6	132.5	130.6	449.9	465.7	481.4	217.2	220.9	223.6
Bridgeport .....	10.4	10.1	10.3	53.4	54.7	56.3	19.8	19.6	19.8
Danbury .....	3.9	3.7	4.0	22.1	22.7	23.5	9.9	9.7	9.1
Hartford .....	75.9	73.3	69.5	155.5	159.4	165.7	94.0	93.8	94.1
New Haven-Meriden .....	14.2	13.8	13.7	80.9	82.7	84.9	30.7	30.9	31.1
New London-Norwich .....	3.6	3.5	3.5	32.4	32.4	33.3	28.0	30.2	32.2
Stamford-Norwalk .....	21.0	21.7	22.7	62.0	66.3	68.3	16.7	17.2	17.5
Waterbury .....	4.2	4.1	4.4	23.5	24.7	25.0	12.6	12.3	12.6
<b>Delaware</b> .....	39.1	40.9	43.5	91.4	96.0	102.2	50.4	50.8	52.6
Dover .....	1.5	1.9	2.3	10.4	10.8	11.2	14.0	14.5	14.6
Wilmington-Newark .....	34.6	35.9	37.7	74.5	78.9	83.7	35.6	35.8	37.0
<b>District of Columbia</b> .....	31.1	29.9	28.4	261.4	263.9	262.5	270.5	254.9	241.4
Washington PMSA .....	138.8	133.1	130.4	843.5	877.3	902.6	625.8	609.9	596.9
<b>Florida</b> .....	375.6	378.7	393.8	1,922.9	2,038.2	2,117.6	910.6	918.4	929.2
Daytona Beach .....	6.3	6.6	6.7	46.3	49.6	51.0	23.8	22.7	23.0
Fort Lauderdale .....	41.8	41.8	43.3	183.0	194.1	203.3	79.1	80.1	82.0
Fort Myers-Cape Coral .....	8.1	8.3	8.3	47.2	48.7	48.7	22.2	23.0	23.4
Gainesville .....	4.6	4.4	4.8	29.4	30.2	30.7	37.3	37.8	38.1
Jacksonville .....	48.4	49.8	51.2	140.7	152.6	154.6	63.7	65.3	66.5
Lakeland-Winter Haven .....	7.7	7.8	7.7	43.1	43.5	45.1	24.8	24.7	24.7
Melbourne-Titusville-Palm Bay .....	5.6	5.6	5.7	57.3	58.3	58.9	25.2	24.7	24.5
Miami .....	66.5	66.0	66.9	281.2	294.3	302.3	132.7	131.8	133.2
Orlando .....	40.8	42.2	44.7	268.5	288.2	305.4	79.6	79.6	81.4
Pensacola .....	5.3	5.5	5.8	45.8	47.9	47.0	28.8	27.6	27.5
Sarasota-Bradenton .....	10.7	10.8	11.5	79.5	84.4	95.5	24.8	24.1	22.6
Tallahassee .....	5.2	5.2	5.5	33.9	36.4	37.3	56.2	57.4	57.5
Tampa-St. Petersburg-Clearwater .....	66.3	66.8	71.0	347.6	372.8	382.2	128.8	130.3	131.1
West Palm Beach-Boca Raton .....	27.1	27.1	28.8	138.8	147.2	157.3	49.4	51.2	52.5

See footnotes at end of table.

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

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

State and area	Total			Mining			Construction		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Georgia</b> .....	3,265.9	3,402.3	3,528.3	7.6	7.7	7.8	139.6	151.6	164.7
Albany .....	54.9	56.8	58.8	(2)	(2)	(2)	3.2	3.5	4.1
Athens .....	65.0	69.0	71.3	(1)	(1)	(1)	2.3	2.5	2.5
Atlanta .....	1,733.1	1,817.2	1,905.6	1.5	1.6	1.6	74.5	82.5	91.9
Augusta-Aiken .....	190.5	191.1	192.9	0.5	0.5	0.4	11.1	10.5	10.7
Columbus .....	104.8	108.2	111.0	(1)	(1)	(1)	4.4	4.7	5.1
Macon .....	136.6	140.8	145.4	1.1	1.1	1.2	4.9	5.7	6.2
Savannah .....	122.7	126.2	130.1	(1)	(1)	(1)	6.7	6.8	7.6
<b>Hawaii</b> .....	536.2	532.8	529.3	(1)	(1)	(1)	29.2	26.3	23.5
Honolulu .....	411.5	408.3	403.9	(1)	(1)	(1)	22.4	20.2	17.8
<b>Idaho</b> .....	460.9	477.3	492.3	2.4	2.7	3.1	28.7	29.6	30.4
Boise City .....	170.4	179.0	186.3	(1)	(1)	(1)	12.4	12.9	12.9
<b>Illinois</b> .....	5,462.9	5,593.1	5,676.0	15.0	13.7	12.6	211.0	216.7	220.8
Bloomington-Normal .....	73.7	75.4	76.3	(1)	(1)	(1)	2.4	2.5	2.4
Champaign-Urbana .....	93.0	94.5	96.6	(1)	(1)	(1)	2.9	3.0	3.2
Chicago .....	3,810.2	3,908.5	3,969.7	2.0	1.8	1.6	139.4	147.6	152.8
Davenport-Moline-Rock Island .....	167.8	170.1	173.7	(1)	(1)	(1)	8.1	8.1	8.5
Decatur .....	54.2	54.3	57.4	(1)	(1)	(1)	3.2	3.6	3.7
Kankakee .....	41.2	42.4	43.1	(1)	(1)	(1)	2.4	2.4	2.2
Peoria-Pekin .....	157.3	158.6	166.3	(1)	(1)	(1)	7.4	7.1	7.4
Rockford .....	165.1	172.1	174.3	(1)	(1)	(1)	6.0	6.6	6.7
Springfield .....	109.8	110.8	112.3	(1)	(1)	(1)	4.8	4.6	4.8
<b>Indiana</b> .....	2,712.7	2,786.5	2,812.8	6.8	6.4	6.3	126.4	129.7	132.1
Bloomington .....	60.9	61.6	63.2	(1)	(1)	(1)	2.7	2.8	3.2
Elkhart-Goshen .....	113.0	116.4	115.8	(1)	(1)	(1)	3.9	4.3	4.3
Evansville-Henderson .....	146.9	148.9	150.6	1.5	1.3	1.4	8.7	9.1	9.1
Fort Wayne .....	252.4	260.0	263.2	(1)	(1)	(1)	11.4	11.9	12.2
Gary .....	249.8	252.1	258.2	(1)	(1)	(1)	16.8	15.8	17.0
Indianapolis .....	773.7	796.7	812.1	0.7	0.8	0.8	40.6	41.3	42.3
Kokomo .....	49.6	52.1	52.4	(1)	(1)	(1)	1.4	1.4	1.6
Lafayette .....	85.2	88.8	90.0	(1)	(1)	(1)	3.3	3.6	3.7
Muncie .....	59.6	61.5	59.2	(1)	(1)	(1)	2.5	2.5	2.5
South Bend .....	127.5	130.8	131.4	(1)	(1)	(1)	6.6	6.6	6.9
Terre Haute .....	68.2	70.1	69.2	0.4	0.2	0.2	3.3	3.5	3.1
<b>Iowa</b> .....	1,319.9	1,358.1	1,380.4	2.2	2.1	2.1	52.9	55.0	58.5
Cedar Rapids .....	103.3	107.4	109.0	(1)	(1)	(1)	5.4	5.6	5.6
Des Moines .....	252.8	261.9	267.1	(1)	(1)	(1)	10.7	11.1	11.6
Dubuque .....	49.2	50.4	49.4	(1)	(1)	(1)	1.7	1.9	1.9
Iowa City .....	62.0	63.5	63.9	(1)	(1)	(1)	2.2	2.2	2.1
Sioux City .....	61.5	63.6	64.5	(1)	(1)	(1)	2.7	3.0	3.4
Waterloo-Cedar Falls .....	66.4	68.3	68.9	(1)	(1)	(1)	2.5	2.6	2.5
<b>Kansas</b> .....	1,165.8	1,198.0	1,228.2	8.3	8.0	7.9	49.2	51.6	56.8
Lawrence .....	42.0	43.6	44.1	(1)	(1)	(1)	1.8	1.9	2.0
Topeka .....	96.8	98.4	100.2	(1)	(1)	(1)	4.0	4.0	4.4
Wichita .....	252.2	255.8	264.5	1.4	1.4	1.4	12.1	12.6	13.7
<b>Kentucky</b> .....	1,597.2	1,642.8	1,671.1	27.7	25.0	23.0	73.7	73.7	76.9
Lexington .....	243.1	251.6	259.9	0.2	0.2	0.2	11.2	11.2	12.2
Louisville .....	515.4	527.6	536.3	0.6	0.6	0.6	26.1	26.2	26.7
Owensboro .....	41.2	42.5	42.0	0.5	0.4	0.3	2.9	3.0	3.1
<b>Louisiana</b> .....	1,722.1	1,772.4	1,810.7	46.3	45.9	49.0	104.3	106.2	112.7
Alexandria .....	51.2	53.0	53.4	0.1	0.1	0.1	3.2	3.3	3.1
Baton Rouge .....	261.7	269.0	277.7	0.8	0.8	0.8	30.2	28.3	30.9
Houma .....	63.2	65.2	68.6	5.6	5.2	6.1	3.0	2.8	3.1
Lafayette .....	142.1	146.9	152.8	11.3	12.0	13.6	7.4	7.8	8.2
Lake Charles .....	76.7	80.3	83.7	1.4	1.5	1.4	8.4	9.2	9.7
Monroe .....	63.0	65.9	67.0	0.3	0.2	0.2	2.8	3.3	3.4
New Orleans .....	585.0	598.9	603.6	13.7	13.7	14.1	27.1	27.6	28.2
Shreveport-Bossier City .....	158.5	162.9	167.4	2.8	2.4	2.4	8.0	7.9	9.5
<b>Maine</b> .....	531.6	538.2	540.0	0.1	0.1	0.1	21.0	21.7	23.0
Lewiston-Auburn .....	40.8	41.2	40.6	(2)	(2)	(2)	1.6	1.7	1.6
Portland .....	129.7	132.9	136.1	(2)	(2)	(2)	5.3	5.7	6.0

See footnotes at end of table.



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

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

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Georgia</b> .....	577.3	586.9	584.7	211.4	216.3	221.9	815.4	856.1	896.6
Albany .....	7.8	8.2	8.4	3.1	3.0	2.8	13.3	13.7	14.1
Athens .....	11.3	11.5	11.8	1.8	1.9	2.0	15.6	16.5	18.2
Atlanta .....	206.6	213.2	215.7	146.2	151.0	158.0	462.5	485.9	511.7
Augusta-Aiken .....	44.5	43.0	41.3	5.7	6.0	6.3	40.5	41.4	43.0
Columbus .....	20.7	20.9	21.1	3.6	3.7	3.7	23.7	24.5	25.1
Macon .....	19.4	19.6	20.2	5.6	5.4	5.2	31.6	33.1	33.9
Savannah .....	17.2	17.0	17.0	9.6	9.6	9.3	30.9	32.2	33.7
<b>Hawaii</b> .....	17.8	17.0	16.8	41.8	40.7	40.9	133.3	135.8	135.3
Honolulu .....	13.3	13.0	12.7	34.0	33.2	33.1	100.0	101.5	101.3
<b>Idaho</b> .....	71.9	71.0	72.6	21.8	22.7	23.2	116.7	121.3	125.1
Boise City .....	30.3	31.7	33.6	8.3	8.6	8.9	41.3	43.0	44.7
<b>Illinois</b> .....	952.1	962.2	972.0	317.9	323.9	331.0	1,279.9	1,313.0	1,303.8
Bloomington-Normal .....	8.3	8.6	8.7	2.9	2.8	2.8	16.6	17.2	17.4
Champaign-Urbana .....	11.7	11.5	12.0	2.6	2.5	2.5	19.6	21.1	21.4
Chicago .....	649.4	653.6	656.4	233.6	236.5	244.3	892.4	913.5	906.0
Davenport-Moline-Rock Island .....	29.7	29.7	29.5	8.7	8.8	9.0	47.1	47.1	47.3
Decatur .....	11.9	11.6	13.8	5.2	5.2	5.2	12.4	12.5	12.3
Kankakee .....	7.0	7.8	8.5	1.9	2.0	1.9	10.6	10.8	10.6
Peoria-Pekin .....	29.0	26.8	31.9	9.1	9.3	9.1	38.6	39.9	40.3
Rockford .....	52.2	53.1	52.7	8.1	8.8	8.4	34.5	35.9	36.7
Springfield .....	4.4	4.4	4.4	5.4	5.5	5.0	23.3	23.7	24.3
<b>Indiana</b> .....	664.4	683.8	673.7	137.8	141.0	139.4	643.0	669.2	680.0
Bloomington .....	9.3	9.8	9.9	1.7	1.8	1.8	14.3	14.5	14.8
Elkhart-Goshen .....	58.9	59.3	58.5	3.4	3.4	3.4	20.4	22.1	21.9
Evansville-Henderson .....	32.4	32.0	31.8	7.1	7.2	7.3	37.3	37.6	36.7
Fort Wayne .....	71.3	74.1	73.2	13.1	13.2	12.6	59.4	62.0	63.1
Gary .....	52.3	52.3	51.3	16.1	15.8	15.3	60.8	62.0	62.8
Indianapolis .....	123.3	125.9	125.8	46.0	48.6	48.7	200.5	209.0	215.5
Kokomo .....	19.7	20.9	21.2	1.3	1.3	1.3	10.8	11.4	11.5
Lafayette .....	19.8	21.8	21.9	2.1	2.1	2.3	17.4	18.2	19.0
Muncie .....	11.0	11.1	11.1	5.2	5.9	4.1	12.9	13.8	13.5
South Bend .....	22.4	23.3	22.2	5.8	5.7	5.8	32.4	34.1	33.9
Terre Haute .....	12.7	12.7	12.0	3.1	3.5	3.3	19.6	20.3	20.6
<b>Iowa</b> .....	244.9	250.3	247.4	59.1	61.4	62.9	331.8	340.0	341.1
Cedar Rapids .....	21.1	21.3	20.7	7.0	7.4	7.7	24.0	25.0	24.8
Des Moines .....	25.2	25.4	25.0	12.3	12.8	13.0	67.7	70.7	70.9
Dubuque .....	13.0	12.8	11.4	2.0	2.1	2.1	11.6	12.0	12.0
Iowa City .....	4.5	4.7	4.7	1.7	2.1	2.1	12.0	12.4	12.4
Sioux City .....	12.3	12.7	12.9	3.8	3.9	3.8	15.5	15.8	16.0
Waterloo-Cedar Falls .....	14.1	14.5	14.5	2.0	2.0	2.1	16.2	16.6	16.4
<b>Kansas</b> .....	187.9	191.4	196.1	67.3	68.2	69.8	284.3	295.5	303.3
Lawrence .....	4.9	5.1	5.2	1.1	1.2	1.2	10.3	11.0	11.8
Topeka .....	10.0	10.2	10.3	6.6	8.2	8.4	21.0	21.8	21.7
Wichita .....	57.1	57.1	62.1	11.4	10.1	10.4	58.7	61.3	61.9
<b>Kentucky</b> .....	305.1	313.8	311.8	88.1	91.3	93.3	379.3	393.7	400.9
Lexington .....	40.6	43.1	44.0	9.8	10.2	10.4	55.6	57.7	59.5
Louisville .....	90.5	90.3	88.4	35.3	36.9	38.0	124.4	130.7	132.5
Owensboro .....	6.6	6.9	6.9	2.2	2.1	2.1	10.4	10.6	10.8
<b>Louisiana</b> .....	186.5	188.0	188.3	110.0	107.7	108.3	399.5	414.0	422.6
Alexandria .....	3.4	3.4	3.4	2.7	2.8	2.8	11.3	11.8	11.9
Baton Rouge .....	23.0	23.5	24.3	12.5	12.7	12.5	56.3	62.0	64.0
Houma .....	5.6	5.8	8.1	6.3	6.5	7.1	15.9	16.7	16.7
Lafayette .....	15.5	15.8	15.4	8.7	8.7	9.2	36.4	38.0	39.6
Lake Charles .....	11.0	11.1	11.5	4.7	4.5	4.3	17.0	17.5	17.8
Monroe .....	8.1	8.2	8.2	3.8	3.8	3.8	15.8	16.5	16.7
New Orleans .....	48.1	47.2	47.4	43.5	42.3	42.1	144.1	147.9	150.2
Shreveport-Bossier City .....	19.9	20.2	19.9	8.1	8.1	8.3	37.2	37.9	38.5
<b>Maine</b> .....	91.4	91.1	88.1	22.6	22.3	22.4	134.3	137.0	136.2
Lewiston-Auburn .....	8.7	8.6	7.8	1.6	1.7	1.8	10.2	10.5	10.4
Portland .....	13.3	13.8	14.2	6.1	6.1	6.2	38.6	39.6	39.8

See footnotes at end of table.

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

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

State and area	Finance, insurance, and real estate			Services			Government		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Georgia</b> .....	172.1	175.0	180.4	778.7	838.5	903.1	564.0	570.3	569.1
Albany .....	2.1	2.1	2.2	13.3	13.9	14.6	12.2	12.4	12.5
Athens .....	2.1	2.1	2.1	11.7	13.5	15.0	20.3	21.1	19.7
Atlanta .....	115.6	117.0	121.5	483.3	518.6	554.8	242.8	247.3	250.4
Augusta-Aiken .....	6.7	6.5	6.3	42.9	44.1	45.2	38.7	39.1	39.6
Columbus .....	7.4	7.4	7.3	24.9	27.0	28.5	20.1	20.0	20.3
Macon .....	8.0	8.3	8.2	30.3	32.0	37.8	35.6	35.5	32.7
Savannah .....	4.2	4.2	4.2	34.0	35.8	37.8	20.1	20.8	20.8
<b>Hawaii</b> .....	38.4	37.1	36.8	163.9	164.5	166.1	111.8	111.4	110.1
Honolulu .....	31.7	30.4	29.8	119.9	120.2	120.5	90.2	89.8	88.6
<b>Idaho</b> .....	24.1	24.9	25.3	102.4	109.4	114.9	92.9	95.7	97.7
Boise City .....	11.4	11.8	11.5	39.6	42.9	45.9	27.1	28.1	28.8
<b>Illinois</b> .....	389.0	383.8	385.7	1,512.0	1,581.2	1,640.0	786.0	798.7	810.3
Bloomington-Normal .....	13.3	13.5	13.5	16.8	17.5	18.3	13.4	13.3	13.2
Champaign-Urbana .....	3.5	3.2	3.4	19.7	19.4	20.1	33.1	33.7	34.1
Chicago .....	303.8	300.7	301.1	1,117.0	1,169.8	1,217.7	472.7	485.1	489.8
Davenport-Moline-Rock Island .....	8.0	7.9	8.0	41.2	42.9	45.3	25.1	25.6	26.1
Decatur .....	2.6	2.4	1.9	13.2	13.2	13.9	5.7	6.0	6.7
Kankakee .....	1.7	1.7	1.7	10.7	11.1	11.4	6.8	6.8	6.9
Peoria-Pekin .....	8.1	7.9	8.0	47.8	50.2	51.5	17.1	17.7	18.2
Rockford .....	6.9	7.0	7.3	41.3	44.2	45.3	16.1	16.5	17.2
Springfield .....	8.2	7.9	7.8	30.4	31.2	32.4	33.3	33.6	33.5
<b>Indiana</b> .....	131.2	130.9	134.8	612.4	633.8	652.9	390.7	391.7	393.7
Bloomington .....	2.2	2.4	2.3	11.7	12.3	12.3	18.9	18.6	19.1
Elkhart-Goshen .....	2.9	2.7	2.8	16.9	17.9	18.0	6.5	6.7	6.9
Evansville-Henderson .....	6.3	6.9	7.3	39.5	40.3	42.2	14.0	14.5	14.8
Fort Wayne .....	13.4	13.6	14.4	58.8	60.1	61.0	25.1	25.3	26.8
Gary .....	9.3	9.0	9.3	60.0	62.4	66.8	34.6	34.9	35.8
Indianapolis .....	57.0	56.8	59.2	195.8	205.0	211.0	109.8	109.3	108.8
Kokomo .....	1.4	1.5	1.5	8.5	9.0	8.4	6.6	6.6	6.9
Lafayette .....	3.7	3.7	3.7	16.1	16.4	16.6	22.9	23.0	22.9
Muncie .....	1.8	1.8	1.8	14.0	14.3	15.0	12.2	12.0	11.3
South Bend .....	6.5	6.3	6.5	41.5	41.9	42.9	12.4	12.8	13.8
Terre Haute .....	2.3	2.3	2.3	15.6	16.3	16.3	11.2	11.2	11.4
<b>Iowa</b> .....	76.2	76.8	77.6	326.1	342.2	359.1	226.9	230.3	231.6
Cedar Rapids .....	5.8	5.7	5.7	29.2	31.3	33.9	11.0	11.2	10.7
Des Moines .....	35.5	36.0	36.6	68.5	72.1	75.7	32.9	33.9	34.3
Dubuque .....	1.7	1.7	1.6	15.7	16.4	16.8	3.5	3.5	3.6
Iowa City .....	1.7	1.7	1.7	12.8	13.1	13.6	27.2	27.3	27.3
Sioux City .....	2.6	2.6	2.6	17.9	18.1	18.5	6.8	7.4	7.3
Waterloo-Cedar Falls .....	2.8	3.0	3.2	16.6	17.3	17.9	12.2	12.4	12.3
<b>Kansas</b> .....	58.2	57.5	58.6	277.3	289.0	300.6	233.4	236.7	235.1
Lawrence .....	1.8	1.8	2.0	9.4	9.8	10.1	12.6	12.8	12.2
Topeka .....	6.4	6.4	6.6	25.0	25.9	27.0	23.7	23.9	23.9
Wichita .....	11.2	11.2	11.2	67.5	69.5	70.9	32.7	32.7	33.0
<b>Kentucky</b> .....	64.2	64.8	67.8	378.3	393.6	408.3	280.6	286.9	289.6
Lexington .....	9.5	9.5	10.0	62.8	65.4	69.1	53.2	54.3	54.5
Louisville .....	28.5	28.1	28.4	142.1	146.8	153.1	67.9	68.1	68.7
Owensboro .....	1.9	1.8	1.8	10.8	11.4	10.4	6.1	6.3	6.7
<b>Louisiana</b> .....	79.8	80.7	82.8	444.4	471.6	465.6	351.5	358.3	361.3
Alexandria .....	2.2	2.2	2.3	15.0	15.8	16.5	13.4	13.7	13.3
Baton Rouge .....	15.4	15.8	16.7	65.3	68.9	71.2	56.2	57.1	57.4
Houma .....	2.3	2.2	2.2	12.1	13.3	14.4	12.5	12.6	12.8
Lafayette .....	5.6	5.7	5.8	34.8	36.1	38.0	22.4	22.9	23.0
Lake Charles .....	2.6	2.6	2.7	19.1	21.0	23.3	12.6	12.9	13.0
Monroe .....	4.3	4.5	4.5	15.7	16.7	17.5	12.2	12.7	12.7
New Orleans .....	29.8	30.1	30.6	176.0	186.9	187.5	102.6	103.3	103.5
Shreveport-Bossier City .....	6.6	6.5	6.7	45.1	48.1	49.9	30.9	31.8	32.2
<b>Maine</b> .....	26.3	26.0	26.7	141.6	146.8	150.4	94.1	93.2	93.1
Lewiston-Auburn .....	1.8	1.8	1.9	12.1	12.3	12.5	4.6	4.7	4.6
Portland .....	12.3	11.8	12.1	37.2	38.6	40.1	16.9	17.2	17.7

See footnotes at end of table.

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

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

State and area	Total			Mining			Construction		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Maryland</b> .....	2,145.8	2,182.7	2,205.9	1.1	1.1	1.1	125.5	127.4	130.3
Baltimore PMSA .....	1,115.5	1,129.3	1,136.2	0.2	0.2	0.2	60.0	60.6	61.6
Baltimore City .....	409.8	406.3	402.8	(1)	(1)	(1)	12.3	11.8	12.2
Suburban Maryland-D.C. ....	786.7	802.0	813.8	(1)	(1)	(1)	52.8	53.8	55.9
<b>Massachusetts</b> .....	2,903.8	2,976.1	3,036.4	1.3	1.3	1.2	86.0	89.8	93.9
Barnstable-Yarmouth .....	51.7	53.9	55.6	(1)	(1)	(1)	2.1	2.3	2.4
Boston .....	1,767.8	1,811.4	1,851.5	0.5	0.4	0.4	48.4	50.5	52.5
Brockton .....	87.0	90.7	91.2	(2)	(2)	(2)	3.0	3.1	3.1
Fitchburg-Leominster .....	48.9	50.5	50.4	(2)	(2)	(2)	1.4	1.5	1.5
Lawrence .....	136.6	141.8	146.6	(2)	(2)	(2)	4.9	5.3	5.5
Lowell .....	103.1	106.2	109.4	(1)	(1)	(1)	4.3	4.5	4.8
New Bedford .....	61.7	62.1	61.7	(2)	(2)	(2)	2.0	2.1	2.0
Pittsfield .....	40.2	40.8	41.4	0.1	0.1	0.1	1.4	1.4	1.5
Springfield .....	238.7	242.3	244.8	0.1	0.1	0.1	6.8	7.1	7.4
Worcester .....	211.6	213.2	217.0	0.2	0.2	0.2	8.1	6.3	6.7
<b>Michigan</b> .....	4,148.8	4,273.9	4,345.0	8.7	8.4	7.6	142.6	152.7	167.7
Ann Arbor .....	249.3	255.6	260.5	(1)	(1)	(1)	7.6	8.3	9.2
Benton Harbor .....	70.0	71.0	71.2	(1)	(1)	(1)	2.2	2.1	2.2
Detroit .....	1,949.4	2,006.2	2,051.1	0.8	0.8	0.8	61.4	66.5	72.7
Flint .....	175.1	180.8	181.8	(1)	(1)	(1)	5.4	5.9	6.6
Grand Rapids-Muskegon-Holland ..	497.0	519.2	534.3	(1)	(1)	(1)	21.0	22.1	23.8
Jackson .....	57.6	59.1	60.1	(1)	(1)	(1)	1.9	2.1	2.1
Kalamazoo-Battle Creek .....	201.7	205.5	206.3	(1)	(1)	(1)	7.0	7.3	7.5
Lansing-East Lansing .....	220.2	225.6	228.6	(1)	(1)	(1)	6.5	7.1	8.0
Saginaw-Bay City-Midland .....	169.5	172.6	175.0	(1)	(1)	(1)	7.8	8.0	8.6
<b>Minnesota</b> .....	2,310.4	2,378.6	2,431.7	7.5	7.8	7.9	81.1	83.9	88.8
Duluth-Superior .....	103.3	106.5	108.6	5.0	5.1	5.0	3.6	3.7	3.8
Minneapolis-St. Paul .....	1,499.4	1,547.0	1,579.1	(2)	(2)	(2)	51.0	53.0	56.3
Rochester .....	68.1	68.7	70.3	(1)	(1)	(1)	2.2	2.4	2.5
St. Cloud .....	79.3	82.5	83.9	(1)	(1)	(1)	3.4	3.5	3.7
<b>Mississippi</b> .....	1,055.5	1,074.5	1,090.2	5.1	4.9	5.2	43.5	45.4	48.7
Jackson .....	204.5	209.7	215.8	(2)	(2)	(2)	9.3	9.8	10.6
<b>Missouri</b> .....	2,470.5	2,521.0	2,564.2	4.7	4.9	4.8	111.1	111.8	115.5
Kansas City .....	840.8	861.0	878.6	(1)	(1)	(1)	39.2	40.1	43.6
St. Louis .....	1,224.0	1,244.1	1,268.5	(1)	(1)	(1)	61.5	60.9	63.3
Springfield .....	146.2	151.3	155.6	(1)	(1)	(1)	6.7	6.7	6.6
<b>Montana</b> .....	340.2	350.8	359.0	5.4	5.3	5.4	14.9	16.1	17.0
<b>Nebraska</b> .....	796.1	816.4	834.4	1.4	1.3	1.2	33.2	34.7	36.7
Lincoln .....	132.9	137.3	142.9	(1)	(1)	(1)	5.5	5.6	6.1
Omaha .....	361.1	373.7	384.6	(1)	(1)	(1)	16.1	16.3	17.4
<b>Nevada</b> .....	738.0	786.1	842.5	12.3	13.2	14.6	55.7	61.6	74.8
Las Vegas .....	507.6	544.5	591.2	1.6	1.9	2.1	42.0	46.9	58.1
Reno .....	158.2	165.8	172.6	0.7	0.6	0.6	9.1	10.3	11.8
<b>New Hampshire</b> .....	523.1	539.7	559.7	0.5	0.5	0.5	17.8	19.4	20.8
Manchester .....	88.4	91.3	93.6	(1)	(1)	(1)	3.4	3.8	4.0
Nashua .....	81.6	84.3	87.0	(1)	(1)	(1)	2.4	2.7	2.7
Portsmouth-Rochester .....	106.0	109.9	111.7	(1)	(1)	(1)	2.8	3.2	3.3
<b>New Jersey</b> .....	3,552.8	3,600.7	3,640.0	1.9	2.0	1.9	122.2	123.0	123.4
Atlantic-Cape May .....	170.8	173.5	176.4	(1)	(1)	(1)	6.1	6.2	6.9
Bergen-Passaic .....	611.4	618.6	626.1	(1)	(1)	(1)	21.3	21.5	21.0
Camden .....	442.4	450.7	457.7	(1)	(1)	(1)	19.1	19.6	19.8
Jersey City .....	236.7	237.7	239.4	(1)	(1)	(1)	4.2	3.8	3.9
Middlesex-Somerset-Hunterdon ..	558.5	569.3	581.1	0.6	0.5	0.5	17.9	18.4	18.8
Monmouth-Ocean .....	341.3	347.7	354.4	(1)	(1)	(1)	15.7	16.4	16.8
Newark .....	915.2	927.6	930.8	0.7	0.7	0.7	30.2	30.2	29.4
Trenton .....	196.0	195.4	194.1	(1)	(1)	(1)	4.4	4.3	4.1
Vineland-Millville-Bridgeton .....	56.7	57.2	57.0	0.3	0.3	0.3	1.8	1.8	1.8
<b>New Mexico</b> .....	657.2	682.4	694.0	15.7	15.9	15.4	41.6	44.1	42.7
Albuquerque .....	307.3	320.2	325.6	(1)	(1)	(1)	21.8	22.6	22.2
Las Cruces .....	46.9	48.5	50.2	(1)	(1)	(1)	2.9	3.2	3.4
Santa Fe .....	68.9	70.4	69.8	(1)	(1)	(1)	3.6	3.6	3.4

See footnotes at end of table.

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

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

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Maryland</b> .....	178.2	176.0	173.9	103.9	105.6	106.5	514.8	527.7	529.1
Baltimore PMSA .....	105.7	102.9	101.0	55.2	56.5	57.0	259.6	265.1	264.4
Baltimore City .....	35.1	32.7	32.4	20.3	19.7	19.6	67.6	67.0	65.3
Suburban Maryland-D.C. ....	34.9	35.5	36.5	34.5	34.9	34.4	190.3	195.3	196.5
<b>Massachusetts</b> .....	447.2	446.1	444.1	127.4	127.0	129.2	669.4	687.2	696.5
Barnstable-Yarmouth .....	2.1	2.3	2.1	2.7	2.7	2.9	18.0	18.6	18.9
Boston .....	225.0	223.2	220.1	80.5	79.9	81.1	389.9	398.0	402.9
Brockton .....	11.0	11.2	10.9	5.0	5.0	5.1	29.0	30.5	30.7
Fitchburg-Loominster .....	13.6	13.7	13.4	1.9	1.9	2.0	11.7	12.3	12.1
Lawrence .....	35.0	35.9	37.6	4.4	4.6	4.9	33.2	34.0	34.9
Lowell .....	28.0	27.4	27.8	5.8	5.9	6.4	22.0	22.7	23.5
New Bedford .....	15.0	14.2	13.7	2.4	2.4	2.4	15.3	15.9	16.1
Pittsfield .....	7.6	7.6	7.6	1.2	1.2	1.2	9.7	10.1	10.2
Springfield .....	39.8	39.5	38.9	9.2	9.8	9.3	54.8	56.1	56.9
Worcester .....	39.7	40.8	41.4	10.0	9.3	9.2	47.8	48.0	48.1
<b>Michigan</b> .....	951.5	979.7	966.9	162.6	167.0	168.4	970.9	1,003.7	1,024.7
Ann Arbor .....	52.9	53.8	53.3	5.3	5.4	5.6	49.2	50.6	51.6
Benton Harbor .....	20.7	21.3	20.9	2.9	2.9	2.9	15.4	15.7	15.9
Detroit .....	437.4	449.1	445.8	88.4	91.1	92.7	461.7	473.3	486.9
Flint .....	47.8	48.3	44.7	5.2	5.2	5.1	42.5	44.4	45.6
Grand Rapids-Muskegon-Holland .....	143.5	150.8	152.1	17.8	18.4	18.7	120.6	126.5	132.6
Jackson .....	12.6	13.1	13.0	3.6	3.7	3.6	14.4	14.8	15.4
Kalamazoo-Battle Creek .....	49.8	50.8	50.1	6.5	6.8	6.9	44.0	44.8	45.9
Lansing-East Lansing .....	29.8	30.9	29.8	6.0	6.0	6.1	48.9	50.0	50.6
Saginaw-Bay City-Midland .....	40.8	40.4	39.5	6.9	7.2	7.1	43.2	44.2	44.9
<b>Minnesota</b> .....	414.7	425.8	428.3	113.6	117.7	119.7	558.8	579.5	592.8
Duluth-Superior .....	8.3	8.3	8.2	6.3	6.6	6.7	27.0	27.9	27.9
Minneapolis-St. Paul .....	268.7	274.8	273.2	81.5	84.6	86.1	357.4	371.5	381.9
Rochester .....	10.3	10.2	10.4	2.1	2.1	2.0	14.2	14.4	14.3
St. Cloud .....	14.6	15.3	15.5	2.7	2.8	2.9	24.3	25.6	25.9
<b>Mississippi</b> .....	261.0	257.8	245.7	48.6	51.1	52.7	219.4	228.2	232.6
Jackson .....	22.0	21.6	21.3	13.3	14.4	15.2	48.9	50.1	51.4
<b>Missouri</b> .....	414.1	420.6	414.0	155.9	157.7	159.7	587.8	604.2	612.8
Kansas City .....	106.4	106.8	106.7	66.3	67.4	69.0	206.4	213.1	217.9
St. Louis .....	196.6	200.0	195.9	78.2	79.2	80.1	291.6	297.9	303.8
Springfield .....	22.0	23.1	23.6	8.7	9.1	10.6	42.3	44.6	44.9
<b>Montana</b> .....	23.0	23.4	23.8	20.7	20.8	20.7	92.6	96.1	97.7
<b>Nebraska</b> .....	108.8	112.2	113.7	48.4	49.6	50.3	198.7	204.2	207.5
Lincoln .....	16.2	17.1	16.7	7.6	7.7	9.0	28.5	29.5	30.6
Omaha .....	36.9	38.0	39.5	25.2	25.9	25.9	89.1	92.3	92.1
<b>Nevada</b> .....	33.7	36.6	38.6	38.2	40.4	42.3	144.9	157.0	169.7
Las Vegas .....	17.9	20.0	21.3	25.5	28.0	30.1	101.1	110.1	120.4
Reno .....	11.9	12.4	13.0	10.9	11.1	10.7	35.4	37.2	39.2
<b>New Hampshire</b> .....	100.3	102.6	104.6	19.0	19.5	19.5	134.9	140.9	144.9
Manchester .....	11.6	12.3	13.1	5.4	5.6	5.5	21.9	23.1	22.9
Nashua .....	26.9	26.7	27.0	2.3	2.2	2.2	20.6	21.3	21.4
Portsmouth-Rochester .....	18.7	19.4	18.7	3.6	3.8	3.9	26.8	28.4	29.2
<b>New Jersey</b> .....	509.3	499.2	485.3	248.2	252.8	254.0	831.5	848.6	855.3
Atlantic-Cape May .....	6.9	6.5	6.4	7.6	7.4	7.2	34.7	36.2	36.5
Bergen-Passaic .....	112.1	109.8	106.7	28.8	31.2	33.8	172.1	173.2	173.3
Camden .....	57.3	56.9	55.4	20.9	21.7	22.1	118.4	121.7	123.6
Jersey City .....	32.4	30.4	28.9	30.2	29.2	29.0	57.7	58.0	57.1
Middlesex-Somerset-Hunterdon .....	94.0	92.8	93.0	46.7	47.3	46.5	131.8	134.3	135.4
Monmouth-Ocean .....	21.2	21.6	21.6	19.4	20.1	20.9	92.8	95.0	96.7
Newark .....	142.9	140.5	135.8	81.3	82.8	80.8	180.0	184.2	186.2
Trenton .....	24.0	22.8	20.5	7.0	7.2	7.3	30.6	31.3	31.9
Vineland-Millville-Bridgeton .....	13.8	13.4	12.8	2.3	2.6	2.9	10.6	11.1	11.1
<b>New Mexico</b> .....	44.7	45.1	45.9	29.8	31.0	31.2	155.6	161.4	164.1
Albuquerque .....	28.4	29.3	29.6	13.2	14.3	15.0	73.8	76.8	78.5
Las Cruces .....	2.5	2.6	2.6	1.7	1.7	1.8	10.2	10.5	10.7
Santa Fe .....	2.0	2.0	2.0	1.2	1.2	1.3	14.8	15.2	15.0

See footnotes at end of table.

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

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

State and area	Finance, insurance, and real estate			Services			Government		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Maryland</b> .....	133.8	128.6	128.2	668.4	694.5	715.2	420.1	421.8	421.6
Baltimore PMSA .....	74.7	71.8	71.5	352.0	363.9	371.2	208.3	208.3	209.3
Baltimore City .....	37.9	35.1	33.6	145.5	150.9	151.9	91.1	89.1	87.8
Suburban Maryland-D.C. ....	50.6	48.3	48.3	253.4	263.0	273.0	170.2	171.2	169.2
<b>Massachusetts</b> .....	206.9	205.3	208.6	975.7	1,024.9	1,062.6	390.0	394.6	400.2
Barnstable-Yarmouth .....	3.1	3.1	3.3	16.6	17.6	18.4	7.1	7.3	7.6
Boston .....	149.4	150.1	154.4	659.3	691.6	721.3	214.9	217.6	218.8
Brockton .....	3.1	2.9	3.0	20.8	22.6	22.9	15.1	15.5	15.5
Fitchburg-Leominster .....	1.6	1.5	1.5	11.9	12.7	12.6	6.9	6.9	7.3
Lawrence .....	4.9	4.8	4.5	37.0	39.9	41.7	17.3	17.4	17.5
Lowell .....	3.7	3.8	3.7	26.1	28.0	29.3	13.3	14.0	13.9
New Bedford .....	2.0	2.0	2.0	15.4	15.9	15.9	9.7	9.6	9.8
Pittsfield .....	2.0	2.0	1.9	13.4	13.6	14.1	4.9	4.7	4.8
Springfield .....	14.0	13.3	12.5	70.9	72.9	75.1	43.1	43.8	44.7
Worcester .....	16.4	15.2	15.0	59.7	62.2	64.5	31.6	31.3	32.1
<b>Michigan</b> .....	196.9	196.3	201.1	1,074.6	1,125.1	1,165.4	638.9	640.9	643.3
Ann Arbor .....	9.7	9.5	9.7	56.9	59.4	61.7	67.6	68.6	69.4
Benton Harbor .....	2.7	2.7	2.6	17.3	17.6	18.3	8.9	8.7	8.4
Detroit .....	109.2	106.8	110.1	563.7	591.9	615.8	226.7	226.7	226.4
Flint .....	6.2	6.3	6.6	44.2	46.7	48.9	23.8	24.1	24.4
Grand Rapids-Muskegon-Holland .....	20.2	20.5	21.1	122.9	129.4	133.8	51.1	51.5	52.2
Jackson .....	1.8	1.8	1.9	13.2	13.6	14.1	10.0	9.9	10.2
Kalamazoo-Battle Creek .....	10.7	10.7	10.7	50.1	51.3	51.6	33.6	33.7	33.6
Lansing-East Lansing .....	12.2	12.7	13.1	51.0	53.4	54.6	65.9	65.4	66.4
Saginaw-Bay City-Midland .....	6.5	6.5	6.7	42.0	44.0	45.8	22.2	22.2	22.3
<b>Minnesota</b> .....	139.9	138.9	142.5	635.2	647.1	671.8	359.5	377.9	379.9
Duluth-Superior .....	3.4	3.4	3.4	28.2	29.1	30.7	21.6	22.4	23.0
Minneapolis-St. Paul .....	110.9	109.8	112.5	422.2	437.5	451.6	207.3	215.3	217.0
Rochester .....	2.2	2.2	2.4	30.0	30.5	31.8	7.2	7.1	7.0
St. Cloud .....	2.5	2.7	2.9	19.2	19.9	20.4	12.5	12.7	12.6
<b>Mississippi</b> .....	39.7	40.0	40.9	224.7	232.4	248.6	213.7	214.7	217.9
Jackson .....	14.8	14.9	15.3	52.6	54.2	58.1	43.0	44.0	45.1
<b>Missouri</b> .....	146.1	146.1	149.8	666.0	685.5	707.9	384.9	390.3	399.7
Kansas City .....	63.2	62.3	62.5	232.2	243.2	251.2	127.1	128.0	127.7
St. Louis .....	76.4	75.8	77.6	368.5	378.9	392.3	151.1	151.4	155.4
Springfield .....	6.3	6.3	6.6	42.4	43.5	44.7	17.8	18.0	18.7
<b>Montana</b> .....	15.6	15.5	16.0	91.7	96.6	101.8	76.3	76.9	76.6
<b>Nebraska</b> .....	51.7	52.6	53.1	202.4	211.0	220.4	151.6	150.8	151.5
Lincoln .....	8.7	8.8	9.3	32.4	34.2	36.0	34.1	34.5	35.3
Omaha .....	31.9	32.7	32.7	111.5	118.3	126.9	50.5	50.4	50.2
<b>Nevada</b> .....	34.2	35.7	37.8	326.7	345.1	363.5	92.3	96.5	101.2
Las Vegas .....	25.6	26.8	26.9	238.4	252.2	268.8	55.5	58.5	61.5
Reno .....	7.5	7.4	7.5	62.0	65.4	67.4	20.7	21.4	22.4
<b>New Hampshire</b> .....	29.3	28.6	28.2	145.2	152.1	162.4	76.2	76.2	78.9
Manchester .....	8.2	7.7	7.3	27.8	28.6	30.5	10.1	10.2	10.3
Nashua .....	3.1	3.2	3.2	18.9	20.7	22.7	7.5	7.6	7.9
Portsmouth-Rochester .....	6.3	6.0	5.8	26.1	27.8	29.0	21.7	21.2	21.7
<b>New Jersey</b> .....	230.9	228.4	231.6	1,040.4	1,078.3	1,121.8	568.4	568.5	566.8
Atlantic-Cape May .....	6.0	5.9	5.9	81.1	82.6	85.1	28.5	28.7	28.5
Bergen-Passaic .....	35.4	34.4	34.1	170.8	177.7	186.4	71.0	70.9	70.9
Camden .....	23.3	22.3	22.2	126.5	131.4	137.3	76.9	77.2	77.3
Jersey City .....	21.6	23.0	23.8	50.6	53.6	57.2	40.1	39.8	39.6
Middlesex-Somerset-Hunterdon .....	43.8	42.4	42.9	147.1	157.0	167.8	76.8	76.6	76.4
Monmouth-Ocean .....	18.2	17.6	17.8	110.8	114.1	117.4	63.2	62.9	63.2
Newark .....	67.7	68.2	69.9	271.3	278.3	286.7	141.2	142.7	141.4
Trenton .....	10.8	10.5	10.9	65.6	66.5	68.9	53.6	52.8	52.5
Vineland-Milville-Bridgeton .....	3.7	3.4	3.3	11.4	11.8	12.0	12.8	12.8	12.7
<b>New Mexico</b> .....	29.4	30.1	31.5	177.4	188.3	192.1	163.1	166.5	171.1
Albuquerque .....	16.0	16.4	17.1	94.3	100.1	100.9	59.8	60.9	62.3
Las Cruces .....	2.0	1.9	1.9	9.6	10.1	10.8	18.1	18.6	19.1
Santa Fe .....	2.9	3.1	3.2	19.8	20.6	20.9	24.5	24.6	24.0

See footnotes at end of table.

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

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

State and area	Total			Mining			Construction		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>New York</b> .....	7,818.7	7,872.3	7,917.1	5.0	4.8	4.6	249.6	251.3	254.1
Albany-Schenectady-Troy .....	430.2	429.1	425.0	0.4	0.5	0.5	15.2	14.7	14.0
Binghamton .....	112.3	111.3	110.3	(1)	(1)	(1)	4.1	4.0	3.8
Buffalo-Niagara Falls .....	534.5	539.2	538.2	(1)	(1)	(1)	19.1	20.0	20.7
Dutchess County .....	102.0	103.5	105.8	(1)	(1)	(1)	4.0	4.0	4.1
Elmira .....	40.8	41.2	42.4	(1)	(1)	(1)	1.3	1.4	1.4
Glens Falls .....	49.2	50.3	49.5	(1)	(1)	(1)	2.0	2.2	2.0
Nassau-Suffolk .....	1,074.5	1,092.7	1,098.2	(1)	(1)	(1)	42.4	43.8	44.8
New York PMSA .....	3,803.2	3,820.2	3,857.7	(1)	(1)	(1)	110.6	112.1	114.2
New York City .....	3,310.7	3,322.9	3,357.5	0.3	0.3	0.3	89.3	90.2	91.2
Newburgh .....	115.9	117.3	118.3	(1)	(1)	(1)	4.0	4.1	4.2
Rochester .....	517.6	523.5	527.5	0.8	0.7	0.5	18.1	18.3	18.6
Rockland County .....	98.9	98.8	98.8	(1)	(1)	(1)	3.1	3.2	3.6
Syracuse .....	330.7	332.0	333.0	(1)	(1)	(1)	13.9	12.9	12.3
Utica-Rome .....	127.1	128.3	126.3	(1)	(1)	(1)	3.3	3.2	3.0
Westchester County .....	374.7	379.2	382.1	(1)	(1)	(1)	16.8	17.0	17.6
<b>North Carolina</b> .....	3,358.9	3,459.5	3,555.2	3.5	3.7	3.8	165.3	174.6	188.5
Asheville .....	100.0	101.3	103.0	(1)	(1)	(1)	5.1	5.4	5.7
Charlotte-Gastonia-Rock Hill .....	684.2	710.4	727.8	(1)	(1)	(1)	35.6	39.2	43.0
Greensboro-Winston-Salem-High Point .....	589.5	605.4	611.8	(1)	(1)	(1)	25.6	26.9	28.9
Raleigh-Durham-Chapel Hill .....	536.2	557.5	574.3	(1)	(1)	(1)	25.9	28.4	30.5
<b>North Dakota</b> .....	294.9	301.8	306.9	3.7	3.8	4.1	12.8	13.6	15.0
Bismarck .....	45.2	46.3	47.1	(1)	(1)	(1)	2.4	2.5	2.5
Fargo-Moorhead .....	86.6	89.1	91.5	(1)	(1)	(1)	4.6	4.9	5.4
Grand Forks .....	46.5	47.6	48.5	(1)	(1)	(1)	2.1	2.2	2.3
<b>Ohio</b> .....	5,076.0	5,221.0	5,295.9	14.6	13.8	13.8	200.9	205.0	212.7
Akron .....	303.6	312.9	317.3	0.4	0.4	0.4	11.8	11.7	12.5
Canton-Massillon .....	170.1	175.3	177.9	0.6	0.8	0.7	7.6	8.0	8.1
Cincinnati .....	785.2	803.5	822.5	0.6	0.7	0.7	36.5	35.8	37.0
Cleveland-Lorain-Elyria .....	1,077.1	1,103.9	1,119.3	1.0	1.0	0.9	39.7	40.7	41.7
Columbus .....	755.9	783.5	798.9	0.6	0.7	0.7	29.8	31.2	32.6
Dayton-Springfield .....	455.2	465.7	468.2	0.6	0.4	0.4	18.3	18.2	18.9
Hamilton-Middletown .....	104.7	110.5	111.7	(1)	(1)	(1)	5.8	6.1	6.2
Lima .....	74.7	76.0	76.8	(1)	(1)	(1)	3.4	3.3	3.6
Mansfield .....	77.5	79.5	79.9	(1)	(1)	(1)	2.4	2.6	2.8
Steubenville-Weirton .....	50.0	50.5	50.1	0.5	0.4	0.4	1.9	1.6	1.7
Toledo .....	303.7	308.2	312.7	0.2	0.2	0.2	12.5	13.0	14.9
Youngstown-Warren .....	233.3	241.1	241.2	0.7	0.6	0.6	9.0	9.2	9.5
<b>Oklahoma</b> .....	1,279.5	1,316.1	1,354.2	34.4	31.7	31.5	48.6	48.3	50.3
Enid .....	23.5	23.5	23.7	1.1	1.0	1.0	0.9	0.9	1.0
Lawton .....	37.1	36.7	37.4	0.1	0.1	0.1	1.4	1.3	1.5
Oklahoma City .....	459.8	476.5	491.9	7.5	6.8	7.0	16.8	17.9	18.8
Tulsa .....	342.6	350.2	361.6	9.1	7.8	7.7	13.4	13.5	14.0
<b>Oregon</b> .....	1,362.9	1,418.4	1,474.7	1.6	1.7	1.9	61.3	68.7	78.3
Eugene-Springfield .....	126.3	129.5	132.4	0.2	0.2	0.2	5.5	5.9	6.4
Medford-Ashland .....	82.0	83.5	85.3	0.1	0.1	0.1	2.6	2.7	2.9
Portland-Vancouver .....	802.1	839.6	878.8	0.9	0.9	1.1	39.6	44.5	51.0
Salem .....	120.8	124.5	128.3	0.2	0.2	0.3	5.8	6.3	6.7
<b>Pennsylvania</b> .....	5,192.4	5,253.1	5,308.2	20.7	19.4	19.4	202.0	199.8	201.7
Allentown Bethlehem-Easton .....	255.6	257.6	258.2	(2)	(2)	(2)	10.0	9.9	10.2
Allentown .....	56.4	56.4	56.9	(1)	(1)	(1)	2.3	2.5	2.6
Erie .....	124.8	127.4	127.3	(1)	(1)	(1)	4.1	4.3	4.5
Harrisburg-Lebanon-Carlisle .....	328.8	336.2	344.4	(1)	(1)	(1)	13.2	12.7	12.9
Johnstown .....	84.9	87.0	86.8	(1)	(1)	(1)	4.9	4.6	4.3
Lancaster .....	198.7	203.2	206.0	0.4	0.4	0.4	11.2	11.2	11.8
Philadelphia PMSA .....	2,171.5	2,186.7	2,214.3	(1)	(1)	(1)	79.4	77.7	79.1
Philadelphia City .....	687.5	676.1	676.2	(1)	(1)	(1)	11.5	10.4	10.2
Pittsburgh .....	1,041.0	1,051.0	1,058.6	4.0	3.8	4.0	48.8	47.9	47.4
Reading .....	155.7	158.4	160.1	(1)	(1)	(1)	6.4	6.5	6.6
Scranton-Wilkes-Barre-Hazleton .....	268.0	271.3	271.2	0.6	0.6	0.5	9.6	10.2	9.7
Sharon .....	44.7	46.0	46.6	(1)	(1)	(1)	1.4	1.4	1.5
State College .....	62.3	64.1	66.1	(1)	(1)	(1)	2.2	2.3	2.6
Williamsport .....	51.9	52.3	53.1	(1)	(1)	(1)	2.1	2.1	2.3
York .....	156.1	159.8	160.9	0.5	0.4	0.5	7.5	7.8	7.7

See footnotes at end of table.

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

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

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1994	1995	1996	1994	1995	1996	1994	1995	1998
<b>New York</b> .....	958.1	941.7	921.8	401.2	402.1	402.2	1,562.5	1,611.9	1,620.6
Albany-Schenectady-Troy .....	42.9	41.1	39.4	16.3	16.2	16.1	88.5	90.9	91.9
Binghamton .....	25.3	25.2	24.8	4.4	4.5	4.6	24.5	23.8	23.3
Buffalo-Niagara Falls .....	90.0	91.2	89.3	26.3	28.4	25.8	130.6	130.3	129.1
Dutchess County .....	16.2	16.9	17.4	3.9	4.0	4.0	20.6	20.7	20.5
Elmira .....	9.1	9.2	9.4	1.5	1.5	1.5	10.2	10.3	10.7
Glens Falls .....	9.4	9.0	8.5	1.4	1.4	1.4	11.2	11.5	11.4
Nassau-Suffolk .....	117.6	114.0	110.6	48.8	49.5	48.8	277.2	284.1	285.4
New York PMSA .....	337.6	328.9	318.5	228.2	228.9	230.5	653.8	667.6	673.7
New York City .....	280.4	273.5	264.5	201.5	202.9	204.6	544.1	555.4	561.9
Newburgh .....	12.7	12.6	12.1	6.6	6.6	6.6	30.3	31.7	32.5
Rochester .....	127.7	128.0	128.0	16.6	16.9	17.9	109.7	110.3	110.5
Rockland County .....	13.4	12.4	11.8	5.9	5.9	5.9	21.9	22.3	22.5
Syracuse .....	48.9	48.9	49.5	19.3	18.9	18.2	76.6	78.3	78.5
Utica-Rome .....	21.4	20.9	19.9	4.2	4.1	3.9	26.1	27.6	27.2
Westchester County .....	41.9	41.2	40.4	20.1	19.4	19.4	83.5	85.7	85.2
<b>North Carolina</b> .....	859.9	864.2	846.8	161.6	164.9	167.9	764.0	794.8	811.0
Asheville .....	20.5	20.0	20.1	5.0	4.7	4.8	24.0	24.9	25.2
Charlotte-Gastonia-Rock Hill .....	150.0	151.3	147.7	52.8	54.1	52.6	164.6	173.4	175.5
Greensboro--Winston-Salem--High Point .....	168.2	168.3	165.9	31.1	32.1	32.9	133.3	139.0	142.0
Raleigh-Durham-Chapel Hill .....	80.9	83.2	82.0	23.8	24.4	25.6	112.6	117.0	120.6
<b>North Dakota</b> .....	21.4	21.3	21.6	18.5	18.4	18.4	76.7	79.0	80.2
Bismarck .....	2.4	2.4	2.5	3.3	3.3	3.2	11.4	11.7	11.8
Fargo-Moorhead .....	6.7	7.2	7.5	5.1	5.4	5.4	25.2	26.1	26.5
Grand Forks .....	3.3	3.6	3.8	2.3	2.3	2.3	12.8	13.2	13.5
<b>Ohio</b> .....	1,070.2	1,102.3	1,093.9	222.8	229.3	231.7	1,227.9	1,272.7	1,300.1
Akron .....	64.6	66.1	64.8	14.5	14.8	14.8	73.7	76.9	78.9
Canton-Massillon .....	45.4	46.8	48.3	5.6	5.6	5.6	41.9	43.4	44.1
Cincinnati .....	139.4	141.4	141.1	41.9	43.0	43.1	204.6	210.5	215.1
Cleveland-Lorain-Elyria .....	222.1	227.2	225.4	43.7	44.6	45.2	251.6	260.9	266.4
Columbus .....	92.0	93.4	91.6	32.8	34.5	35.7	199.7	210.4	216.7
Dayton-Springfield .....	96.9	101.5	100.1	18.9	19.1	19.1	106.3	108.6	109.1
Hamilton-Middletown .....	20.5	21.4	21.2	4.0	4.4	4.5	28.0	30.1	30.9
Lima .....	20.4	20.5	20.0	2.8	2.9	2.9	17.3	17.8	18.4
Mansfield .....	22.0	22.3	22.5	4.0	4.1	4.2	17.9	18.0	18.1
Steubenville-Weirton .....	14.5	14.3	13.5	3.0	2.9	2.8	10.3	10.8	11.0
Toledo .....	58.2	59.6	60.7	14.5	14.7	14.4	75.6	77.2	78.1
Youngstown-Warren .....	55.0	59.2	58.4	9.2	9.7	9.9	60.8	61.9	61.8
<b>Oklahoma</b> .....	169.8	170.7	173.6	72.9	73.9	77.2	301.2	312.4	318.5
Enid .....	1.7	1.9	1.9	2.2	2.1	2.1	6.5	6.3	5.9
Lawton .....	3.9	3.6	3.7	1.8	1.8	1.8	8.7	8.8	8.8
Oklahoma City .....	50.3	51.5	51.9	21.5	21.6	23.5	111.3	115.6	118.7
Tulsa .....	53.8	53.8	55.2	26.8	27.3	28.3	80.7	83.7	86.0
<b>Oregon</b> .....	221.3	229.3	235.3	68.9	71.3	72.8	344.1	357.0	365.0
Eugene-Springfield .....	19.2	19.6	19.7	4.7	4.7	4.5	32.1	33.5	34.0
Medford-Ashland .....	9.1	9.1	9.1	2.9	3.1	3.2	18.6	19.1	19.4
Portland-Vancouver .....	129.9	137.2	141.5	45.6	48.4	50.1	203.6	210.8	218.8
Salem .....	17.3	17.8	17.9	3.5	3.5	3.4	26.4	27.4	27.6
<b>Pennsylvania</b> .....	942.0	940.7	929.1	273.0	272.7	271.9	1,169.9	1,193.6	1,205.3
Allentown Bethlehem-Easton .....	60.5	59.5	56.9	13.4	14.0	14.3	53.2	53.6	53.7
Altoona .....	9.9	10.1	10.1	4.8	4.3	4.3	15.0	14.7	15.1
Erie .....	34.9	35.0	34.0	4.3	4.4	4.6	27.4	28.3	28.7
Harrisburg-Lebanon-Carlisle .....	47.3	46.5	45.3	22.5	22.5	23.2	71.6	74.3	76.7
Johnstown .....	12.9	13.4	12.6	5.1	5.1	5.0	20.2	20.6	20.6
Lancaster .....	56.1	56.7	56.0	7.4	7.8	8.1	49.0	50.6	51.2
Philadelphia PMSA .....	313.5	309.2	305.8	105.8	105.0	104.6	479.9	487.4	493.3
Philadelphia City .....	64.1	61.4	60.4	37.1	33.4	32.6	114.1	114.0	113.9
Pittsburgh .....	131.9	132.7	133.8	65.6	66.6	65.7	253.7	257.6	257.4
Reading .....	43.9	43.6	43.2	6.6	7.2	7.3	36.5	37.3	37.3
Scranton--Wilkes-Barre--Hazleton .....	58.3	56.8	55.3	15.1	15.0	14.8	65.9	65.5	65.1
Sharon .....	10.4	11.1	11.0	1.9	2.0	2.0	11.4	11.9	12.1
State College .....	8.5	8.6	8.7	2.0	1.9	2.1	11.9	12.3	12.6
Williamsport .....	13.7	13.2	12.8	1.8	1.8	1.9	12.2	12.3	12.6
York .....	46.5	47.5	48.3	8.5	7.7	7.1	38.4	39.5	39.4

See footnotes at end of table.

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

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

State and area	Finance, insurance, and real estate			Services			Government		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>New York</b> .....	736.9	723.9	721.0	2,464.2	2,540.1	2,610.4	1,423.3	1,396.6	1,382.3
Albany-Schenectady-Troy .....	26.3	25.9	25.7	128.1	130.8	128.8	112.5	109.1	108.5
Binghamton .....	4.0	3.9	3.9	28.7	28.5	28.7	21.2	21.4	21.2
Buffalo-Niagara Falls .....	28.4	27.9	28.0	151.8	155.6	158.1	88.3	87.9	87.2
Dutchess County .....	4.4	4.1	4.3	30.4	31.5	32.9	22.4	22.2	22.7
Elmira .....	1.4	1.4	1.4	10.2	10.3	10.7	7.2	7.3	7.2
Glens Falls .....	1.9	2.1	2.3	13.7	14.5	14.1	9.6	9.6	9.7
Nassau-Suffolk .....	81.4	79.8	78.7	329.1	342.3	351.6	178.0	179.2	178.4
New York PMSA .....	513.3	505.5	504.1	1,310.5	1,350.6	1,401.1	649.2	626.5	615.5
New York City .....	480.3	473.4	472.3	1,148.1	1,183.6	1,229.0	566.6	543.6	533.8
Newburgh .....	5.8	5.4	5.3	29.9	30.3	31.0	26.5	26.5	26.5
Rochester .....	24.2	23.4	23.3	145.0	150.5	153.4	77.4	77.4	77.4
Rockland County .....	5.2	5.0	5.0	29.0	29.9	30.3	20.3	20.1	19.5
Syracuse .....	19.2	18.4	18.1	92.8	94.8	97.0	59.9	59.8	59.4
Utica-Rome .....	8.0	7.8	7.7	32.9	35.5	36.8	31.1	29.2	27.8
Westchester County .....	26.7	28.1	25.7	127.8	131.3	135.7	58.2	58.5	58.1
<b>North Carolina</b> .....	141.8	144.6	153.5	724.2	762.2	822.3	538.6	550.6	561.4
Asheville .....	3.1	3.0	3.1	27.7	28.6	29.3	14.5	14.6	14.8
Charlotte-Gastonia-Rock Hill .....	44.5	46.0	48.3	158.9	165.7	175.6	77.7	80.7	85.2
Greensboro--Winston-Salem--High Point .....	29.1	29.7	30.8	138.7	145.6	146.6	63.3	63.8	64.7
Raleigh-Durham-Chapel Hill .....	25.8	26.2	27.3	153.0	162.6	172.4	114.2	115.7	116.0
<b>North Dakota</b> .....	13.8	13.8	14.4	80.7	80.9	84.6	67.2	71.1	70.7
Bismarck .....	2.1	2.2	2.3	14.0	14.3	15.0	9.7	9.9	9.8
Fargo-Moorhead .....	5.3	5.4	5.7	25.2	26.1	27.3	14.3	14.0	13.7
Grand Forks .....	1.6	1.5	1.5	11.9	12.6	13.2	12.6	12.1	12.0
<b>Ohio</b> .....	269.2	270.3	277.0	1,329.5	1,378.9	1,415.1	741.0	748.7	751.7
Akron .....	12.2	12.2	12.6	81.4	84.9	86.6	45.2	46.1	46.7
Canton-Massillon .....	6.5	5.8	5.8	43.8	46.6	48.0	18.7	18.7	19.3
Cincinnati .....	48.3	50.1	52.1	213.6	221.2	231.5	100.1	100.8	101.8
Cleveland-Lorain-Elyria .....	68.6	69.4	71.8	308.8	317.8	325.2	141.7	142.2	142.7
Columbus .....	63.2	64.7	67.6	204.9	214.9	220.5	132.8	133.6	133.6
Dayton-Springfield .....	17.2	16.8	17.7	125.4	129.9	132.5	73.7	73.1	72.5
Hamilton-Middletown .....	4.3	4.4	4.4	23.6	25.1	25.3	18.5	19.0	19.3
Lima .....	2.1	2.1	2.1	18.9	19.3	19.8	9.9	10.2	10.2
Mansfield .....	3.1	2.9	2.9	18.2	19.2	19.1	10.0	10.2	10.4
Steubenville-Weirton .....	1.6	1.6	1.4	12.1	12.8	12.9	6.1	6.2	6.3
Toledo .....	11.4	10.6	10.9	85.8	87.2	87.5	45.4	45.8	46.1
Youngstown-Warren .....	9.7	9.4	9.3	59.3	61.0	61.5	29.7	30.1	30.2
<b>Oklahoma</b> .....	64.2	65.4	67.3	320.1	344.0	364.3	270.2	269.7	271.5
Enid .....	1.0	1.0	1.0	6.1	6.2	6.6	4.1	4.1	4.2
Lawton .....	1.7	1.7	1.8	7.7	7.8	8.2	11.7	11.6	11.5
Oklahoma City .....	26.1	26.4	27.6	124.3	135.2	143.4	101.9	101.5	101.2
Tulsa .....	19.6	19.6	20.0	98.5	103.5	108.8	41.0	41.0	41.8
<b>Oregon</b> .....	87.8	87.2	90.6	343.2	362.9	384.7	234.7	240.2	246.1
Eugene-Springfield .....	6.8	6.8	7.0	33.7	34.6	35.6	24.0	24.3	25.0
Medford-Ashland .....	3.0	3.0	3.1	15.6	16.2	17.3	10.1	10.2	10.3
Portland-Vancouver .....	61.5	60.2	63.4	213.0	227.5	239.6	108.1	110.1	113.4
Salem .....	6.7	6.5	6.4	27.7	29.0	30.5	33.2	33.9	35.6
<b>Pennsylvania</b> .....	307.8	303.6	308.7	1,563.5	1,604.3	1,651.2	713.6	719.2	720.9
Allentown Bethlehem-Easton .....	13.9	13.6	13.5	75.8	77.4	79.6	28.7	29.6	30.0
Altoona .....	1.8	1.9	2.0	14.7	14.9	14.9	7.9	8.0	7.9
Erie .....	5.7	5.6	5.5	33.9	34.9	35.1	14.5	14.9	14.9
Harrisburg-Lebanon-Carlisle .....	22.7	23.5	25.0	81.5	86.1	90.2	70.1	70.6	71.1
Johnstown .....	4.2	4.3	4.5	24.3	25.3	26.0	13.3	13.7	13.8
Lancaster .....	8.9	8.8	9.0	47.7	49.6	51.4	18.1	18.1	18.3
Philadelphia PMSA .....	158.2	154.5	154.4	730.8	749.5	774.8	303.9	303.4	302.3
Philadelphia City .....	58.0	55.5	53.9	271.6	273.0	278.0	131.1	128.4	127.2
Pittsburgh .....	61.4	60.3	61.6	352.2	358.4	365.6	123.4	123.9	123.1
Reading .....	9.3	9.0	9.0	35.1	36.2	38.2	18.0	18.6	18.5
Scranton--Wilkes-Barre--Hazleton .....	12.7	13.4	13.7	71.8	75.5	77.2	33.9	34.3	34.9
Sharon .....	1.5	1.5	1.4	12.6	12.7	13.1	5.4	5.4	5.4
State College .....	2.0	1.8	2.0	12.2	13.2	13.7	23.6	24.0	24.4
Williamsport .....	2.3	2.3	2.3	13.1	13.5	14.1	6.7	7.1	7.1
York .....	5.0	5.0	5.0	34.4	36.9	36.9	15.2	15.2	16.0

See footnotes at end of table.



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

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

State and area	Total			Mining			Construction		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Rhode Island</b> .....	434.2	440.1	441.8	0.2	0.2	0.2	13.1	13.4	13.6
Providence-Fall River-Warwick .....	486.6	495.3	496.0	0.2	0.2	0.2	14.6	14.9	15.1
<b>South Carolina</b> .....	1,607.2	1,646.1	1,676.0	1.8	1.8	1.8	84.3	87.1	93.5
Charleston-North Charleston .....	206.8	209.0	212.3	(1)	(1)	(1)	11.9	12.8	13.7
Columbia .....	257.9	264.4	271.8	(1)	(1)	(1)	12.6	13.1	14.1
Greenville-Spartanburg-Anderson .....	429.3	440.2	448.9	(1)	(1)	(1)	27.0	26.9	28.4
<b>South Dakota</b> .....	332.0	343.5	348.9	2.4	2.3	2.3	14.0	14.1	14.7
Rapid City .....	44.1	45.2	45.9	(1)	(1)	(1)	2.8	2.9	2.9
Sioux Falls .....	92.3	96.0	98.8	(1)	(1)	(1)	4.7	4.8	4.6
<b>Tennessee</b> .....	2,423.0	2,499.0	2,534.4	4.6	4.6	4.8	101.0	108.9	112.7
Chattanooga .....	214.4	217.1	215.8	(1)	(1)	(1)	8.0	8.7	9.3
Johnson City-Kingsport-Bristol .....	188.3	194.7	194.3	(1)	(1)	(1)	8.8	9.5	9.9
Knoxville .....	304.1	313.8	315.6	0.5	0.5	0.5	15.0	17.9	18.5
Memphis .....	503.7	534.7	544.2	(1)	(1)	(1)	20.2	21.9	23.1
Nashville .....	570.8	595.4	607.2	(1)	(1)	(1)	25.4	27.5	29.5
<b>Texas</b> .....	7,750.9	8,022.5	8,242.1	162.2	155.9	158.4	381.1	409.0	435.9
Abilene .....	50.6	52.6	53.7	1.3	1.4	1.4	2.0	2.2	2.1
Amarillo .....	87.5	91.0	92.2	0.8	0.8	0.7	4.3	4.3	4.4
Austin-San Marcos .....	484.8	516.8	538.3	1.0	1.1	1.1	22.0	24.7	27.8
Beaumont-Port Arthur .....	148.8	150.8	150.8	0.9	0.8	0.7	12.6	13.5	12.5
Brazoria .....	72.0	71.5	72.3	1.3	1.5	1.4	9.9	8.5	8.9
Brownsville-Harlingen-San Benito .....	90.5	92.0	93.6	(1)	(1)	(1)	2.7	2.9	3.0
Bryan-College Station .....	63.1	63.7	64.8	0.7	0.7	0.7	2.6	2.4	2.7
Corpus Christi .....	143.1	145.7	150.4	2.6	2.5	2.4	10.5	11.2	12.4
Dallas .....	1,532.5	1,597.0	1,659.7	14.3	12.3	11.6	59.4	66.7	73.8
El Paso .....	231.0	235.1	235.6	(1)	(1)	(1)	9.5	10.4	10.7
Ft. Worth-Arlington .....	632.6	654.8	679.1	4.4	4.4	4.4	25.2	28.4	32.7
Galveston-Texas City .....	84.1	87.1	87.2	0.7	0.9	0.9	4.6	5.5	4.9
Houston .....	1,710.3	1,766.4	1,806.5	66.4	64.0	65.0	114.1	119.7	128.5
Killeen Temple .....	87.0	92.1	94.3	(1)	(1)	(1)	3.8	4.0	3.8
Laredo .....	56.9	55.5	56.3	2.7	2.6	3.0	2.0	2.2	2.2
Longview-Marshall .....	81.1	83.6	84.9	3.5	3.2	3.2	3.4	3.6	3.8
Lubbock .....	103.9	107.6	109.6	0.2	0.2	0.1	3.8	4.1	4.0
McAllen-Edinburg-Mission .....	118.9	123.4	126.6	1.0	1.0	1.0	5.4	5.6	6.5
Odessa Midland .....	93.8	95.8	97.2	12.5	12.1	11.9	4.7	5.1	5.5
San Angelo .....	39.9	41.0	41.9	0.6	0.5	0.8	1.6	1.8	1.8
San Antonio .....	595.4	619.9	633.7	1.8	1.8	1.8	28.5	30.6	32.0
Sherman-Denison .....	39.1	40.6	41.7	(1)	(1)	(1)	1.6	1.7	1.8
Texarkana .....	48.2	49.2	50.1	(1)	(1)	(1)	2.3	2.3	2.2
Tyler .....	89.2	71.9	73.3	1.3	1.3	1.4	2.3	2.4	2.7
Victoria .....	32.9	33.0	33.5	1.4	1.4	1.4	1.8	2.0	2.0
Waco .....	89.0	91.9	92.8	(1)	(1)	(1)	4.0	4.1	4.1
Wichita Falls .....	54.5	56.6	58.2	1.4	1.3	1.2	2.1	2.2	2.2
<b>Utah</b> .....	859.7	907.7	954.6	8.2	8.1	7.9	46.1	54.8	60.2
Provo-Orem .....	116.1	123.1	129.8	(1)	(1)	(1)	6.8	9.0	9.4
Salt Lake City-Ogden .....	579.6	611.8	643.0	3.1	3.1	3.0	32.1	35.4	39.3
<b>Vermont</b> .....	263.8	270.0	274.8	0.6	0.6	0.8	11.8	12.3	12.6
Barre-Montpelier .....	29.4	30.1	30.3	(1)	(1)	(1)	1.3	1.4	1.4
Burlington .....	91.0	93.6	96.9	(1)	(1)	(1)	4.2	4.5	4.6
<b>Virginia</b> .....	3,003.6	3,069.7	3,130.3	12.1	11.3	10.8	182.7	168.1	174.8
Bristol .....	35.4	37.3	37.0	(1)	(1)	(1)	1.2	1.4	1.5
Charlottesville .....	74.0	75.7	78.0	(1)	(1)	(1)	4.1	4.0	4.1
Danville .....	44.0	44.4	44.5	(1)	(1)	(1)	2.1	2.2	2.2
Lynchburg .....	94.5	96.1	96.3	(1)	(1)	(1)	5.0	5.8	5.6
Norfolk-Virginia Beach-Newport News .....	617.0	630.6	646.0	(1)	(1)	(1)	33.8	36.4	40.0
Northern Virginia .....	899.3	928.3	955.2	0.5	0.8	0.8	49.6	50.3	52.1
Richmond-Petersburg .....	491.2	502.1	506.0	0.7	0.8	0.8	27.9	29.3	30.6
Roanoke .....	133.9	137.5	140.2	(1)	(1)	(1)	7.5	7.5	7.9
<b>Washington</b> .....	2,304.3	2,346.9	2,411.8	3.4	3.4	3.4	123.0	122.0	127.2
Seattle-Bellevue-Everett .....	1,158.3	1,180.2	1,225.2	0.7	0.7	0.7	57.8	58.4	60.7
Spokane .....	174.8	178.5	180.6	(1)	(1)	(1)	10.3	10.2	10.6
Tacoma .....	212.4	217.2	221.3	0.2	0.2	0.2	12.1	11.8	12.3

See footnotes at end of table.

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

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

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Rhode Island</b> .....	86.8	84.9	82.4	14.9	14.8	14.9	94.9	97.3	98.2
Providence-Fall River-Warwick .....	108.6	107.0	104.6	17.2	17.0	17.3	110.9	114.6	114.4
<b>South Carolina</b> .....	377.4	377.2	365.2	69.0	71.7	73.4	367.2	384.9	397.6
Charleston-North Charleston .....	20.0	20.3	20.5	10.9	11.0	11.0	51.4	53.2	54.2
Columbia .....	26.8	26.6	25.5	11.9	12.0	12.4	57.9	60.7	63.0
Greenville-Spartanburg-Anderson .....	126.7	128.0	125.1	17.8	18.0	19.7	101.9	107.9	112.6
<b>South Dakota</b> .....	43.5	46.6	47.8	15.5	16.0	16.4	84.7	87.4	87.6
Rapid City .....	4.4	4.4	4.2	2.0	2.0	1.9	13.3	13.7	13.9
Sioux Falls .....	12.1	13.0	13.4	5.9	6.1	6.3	24.9	25.5	25.6
<b>Tennessee</b> .....	538.9	538.9	522.2	133.6	138.6	142.8	562.1	585.5	596.3
Chattanooga .....	45.8	45.1	43.6	8.0	8.2	8.3	51.4	51.9	52.0
Johnson City-Kingsport-Bristol .....	53.7	54.9	53.6	7.4	7.6	7.9	42.3	43.8	43.7
Knoxville .....	50.1	49.3	48.1	12.2	13.4	14.1	78.1	81.4	81.4
Memphis .....	65.4	64.2	62.7	52.9	56.8	60.6	132.7	138.4	139.9
Nashville .....	98.7	99.8	96.9	32.4	32.2	31.5	137.3	143.1	147.2
<b>Texas</b> .....	1,009.0	1,032.8	1,054.3	458.2	475.7	488.2	1,879.6	1,944.2	1,988.3
Abilene .....	3.6	3.3	3.1	2.6	2.7	2.7	13.4	14.0	14.3
Amarillo .....	9.4	9.6	9.5	5.7	5.8	5.6	24.3	25.6	25.9
Austin-San Marcos .....	63.3	68.7	73.0	15.0	16.2	17.6	102.0	110.0	115.1
Beaumont-Port Arthur .....	24.5	23.8	24.3	9.1	8.8	8.2	34.2	35.1	35.4
Brazoria .....	16.7	16.5	16.5	2.8	2.9	2.8	13.8	13.8	14.0
Brownsville-Harlingen-San Benito .....	13.3	13.1	12.6	3.9	4.0	4.2	23.9	23.8	23.6
Bryan-College Station .....	3.9	3.6	3.6	1.4	1.4	1.3	13.7	14.1	14.3
Corpus Christi .....	13.7	13.6	13.6	6.7	6.7	6.4	34.4	34.6	35.1
Dallas .....	226.6	230.5	236.3	95.6	103.8	110.2	387.8	403.1	415.5
El Paso .....	47.1	46.5	44.7	12.1	12.7	13.0	56.3	56.6	56.3
Ft. Worth-Arlington .....	103.6	105.4	107.0	59.2	62.7	63.2	162.2	167.7	172.7
Galveston-Texas City .....	8.1	8.1	8.0	4.9	4.4	4.2	18.0	18.9	18.6
Houston .....	182.5	188.7	198.0	118.6	123.2	125.0	400.8	414.0	422.1
Killeen Temple .....	9.6	9.9	9.9	2.8	3.3	3.4	20.0	21.8	22.5
Laredo .....	1.7	1.6	1.4	9.3	8.3	8.5	17.3	16.0	15.3
Longview-Marshall .....	17.2	18.1	18.3	3.8	3.9	3.9	20.3	21.0	21.5
Lubbock .....	7.8	7.7	7.4	5.5	5.6	5.8	29.7	31.1	31.5
McAllen-Edinburg-Mission .....	13.0	13.3	13.1	4.1	4.4	4.5	35.5	35.2	35.1
Odessa Midland .....	6.5	6.6	6.8	4.2	4.1	4.0	24.8	25.7	26.3
San Angelo .....	5.2	5.4	5.3	2.5	2.4	2.2	9.7	10.2	10.3
San Antonio .....	48.1	48.8	49.4	27.8	29.0	30.4	147.7	154.1	157.0
Sherman-Denison .....	10.0	10.2	10.4	1.7	1.6	1.6	8.9	9.3	9.4
Texarkana .....	5.6	5.8	6.1	2.1	2.2	2.2	12.1	12.8	13.0
Tyler .....	12.1	12.6	11.4	3.2	3.2	3.4	17.5	18.2	18.8
Victoria .....	3.2	3.1	3.0	1.5	1.5	1.5	9.3	9.1	9.3
Waco .....	16.3	16.8	16.7	3.6	3.7	3.7	20.3	21.1	21.3
Wichita Falls .....	7.6	8.0	8.1	2.7	2.8	2.8	12.9	13.3	13.6
<b>Utah</b> .....	116.7	124.2	129.4	49.3	51.5	54.0	205.8	219.7	230.5
Provo-Orem .....	15.8	17.5	18.8	2.2	2.3	2.3	25.5	27.3	29.1
Salt Lake City-Ogden .....	73.5	78.4	81.4	38.4	40.0	42.1	141.8	151.0	157.8
<b>Vermont</b> .....	43.9	45.1	45.9	11.5	11.9	12.2	62.6	63.9	64.6
Barre-Montpelier .....	3.5	3.5	3.5	0.9	1.0	1.1	6.4	6.3	6.6
Burlington .....	16.2	16.9	17.8	4.2	4.5	4.6	21.8	22.0	21.9
<b>Virginia</b> .....	404.3	402.9	398.5	151.7	156.7	161.8	676.7	699.5	713.7
Bristol .....	10.3	10.9	10.2	1.2	1.3	1.3	9.2	9.8	9.9
Charlottesville .....	7.6	7.7	8.1	2.3	2.3	2.4	14.9	15.5	16.0
Danville .....	16.3	16.2	15.8	1.2	1.1	1.1	8.9	9.2	9.6
Lynchburg .....	26.0	26.0	25.7	3.5	3.7	3.7	20.9	21.4	21.4
Norfolk-Virginia Beach-Newport News .....	66.4	66.9	67.1	29.5	30.4	31.6	147.1	150.7	153.9
Northern Virginia .....	39.7	39.7	40.7	53.3	55.9	57.6	201.9	208.3	212.4
Richmond-Petersburg .....	61.1	60.6	59.7	25.0	26.0	26.5	115.0	119.7	120.4
Roanoke .....	19.1	19.8	19.6	8.7	8.7	8.5	34.9	35.9	37.5
<b>Washington</b> .....	336.9	332.4	344.1	116.5	119.6	122.9	565.1	580.1	590.9
Seattle-Bellevue-Everett .....	195.7	187.9	195.8	70.1	72.3	74.2	277.8	287.8	295.0
Spokane .....	20.7	21.6	22.0	8.4	8.3	8.1	44.5	45.3	45.6
Tacoma .....	22.1	22.6	24.2	9.8	9.9	10.0	53.7	55.5	54.9

See footnotes at end of table.

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

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

State and area	Finance, insurance, and real estate			Services			Government		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Rhode Island</b> .....	25.4	24.8	25.2	137.2	143.5	146.1	61.7	61.3	61.3
Providence-Fall River-Warwick .....	27.5	26.8	27.2	143.9	151.3	154.2	63.6	63.4	63.1
<b>South Carolina</b> .....	68.2	68.9	72.3	344.1	360.3	373.4	295.3	294.2	298.9
Charleston-North Charleston .....	8.3	8.2	8.5	52.3	53.9	55.7	52.2	49.8	48.7
Columbia .....	19.1	19.2	19.7	59.0	62.0	65.9	70.7	70.8	71.3
Greenville-Spartanburg-Anderson .....	14.8	15.0	15.3	87.2	90.7	93.4	53.9	53.6	54.4
<b>South Dakota</b> .....	18.0	18.8	19.8	86.8	87.4	90.1	87.1	71.0	70.4
Rapid City .....	1.6	1.6	1.7	12.7	13.2	14.0	7.3	7.3	7.3
Sioux Falls .....	9.0	9.8	10.6	26.2	27.5	28.7	9.5	9.4	9.6
<b>Tennessee</b> .....	108.3	111.6	117.2	603.8	638.0	655.5	370.7	373.1	383.1
Chattanooga .....	13.6	13.4	13.4	52.5	54.3	53.7	35.2	35.5	35.6
Johnson City-Kingsport-Bristol .....	5.5	5.7	5.7	41.4	44.0	45.1	29.2	29.2	28.4
Knoxville .....	11.4	12.0	13.2	81.4	84.2	84.0	55.6	55.1	55.8
Memphis .....	26.5	27.0	28.3	134.3	147.6	151.8	77.5	78.8	77.8
Nashville .....	33.1	34.4	36.5	168.6	182.2	188.2	75.4	76.3	77.4
<b>Texas</b> .....	438.1	436.8	444.0	2,009.1	2,122.4	2,220.7	1,413.7	1,445.7	1,454.4
Abilene .....	1.9	1.9	2.0	16.3	17.5	18.2	9.6	9.8	9.8
Amarillo .....	4.4	4.5	4.6	21.1	22.6	24.6	17.4	17.8	16.9
Austin-San Marcos .....	27.3	28.0	28.8	129.3	140.3	150.1	124.8	127.7	125.0
Beaumont-Port Arthur .....	4.6	4.6	4.8	39.0	39.3	39.4	24.0	24.9	25.5
Brazoria .....	1.8	1.8	1.8	12.4	13.2	13.5	13.1	13.3	13.5
Brownsville-Harlingen-San Benito .....	3.6	3.5	3.6	22.4	23.2	24.9	20.8	21.5	21.8
Bryan-College Station .....	2.5	2.5	2.4	12.6	13.0	13.5	25.6	26.1	26.3
Corpus Christi .....	6.2	6.3	6.5	38.6	40.0	43.0	30.4	30.9	31.1
Dallas .....	130.2	128.8	130.5	431.1	460.8	490.8	187.4	191.0	191.1
El Paso .....	8.5	8.7	8.8	48.4	50.7	51.8	49.1	49.4	50.4
Ft. Worth-Arlington .....	29.4	29.3	30.6	163.1	169.8	179.4	85.7	87.2	89.2
Galveston-Texas City .....	5.4	5.4	5.4	17.3	17.7	17.4	25.2	26.3	28.0
Houston .....	98.5	95.3	95.7	492.5	518.0	530.3	237.1	243.4	243.9
Killeen Temple .....	3.6	3.8	3.9	21.9	23.5	24.6	25.3	25.8	26.2
Laredo .....	2.1	2.1	2.1	9.6	9.7	9.7	12.3	13.0	13.9
Longview-Marshall .....	2.8	2.9	3.0	18.7	19.5	19.7	11.3	11.4	11.4
Lubbock .....	4.6	4.8	5.2	28.8	30.5	31.3	23.5	23.5	24.3
McAllen-Edinburg-Mission .....	4.2	4.3	4.6	23.4	25.9	27.4	32.2	33.5	34.7
Odessa Midland .....	3.6	3.5	3.5	20.5	21.6	22.1	17.0	17.1	17.1
San Angelo .....	1.7	1.7	1.7	10.5	10.7	11.4	8.1	8.4	8.5
San Antonio .....	41.8	42.7	42.5	171.9	183.3	189.5	127.9	129.7	131.1
Sherman-Denison .....	2.1	2.0	2.0	9.7	10.3	11.0	5.2	5.3	5.5
Texarkana .....	1.8	1.7	1.7	13.0	13.1	13.2	11.2	11.3	11.7
Tyler .....	3.4	3.6	3.8	18.8	19.8	20.8	10.7	10.9	10.9
Victoria .....	1.6	1.6	1.6	8.0	8.3	8.6	6.0	6.1	6.1
Waco .....	5.3	5.5	5.6	24.6	25.8	26.5	14.9	14.9	14.9
Wichita Falls .....	2.2	2.2	2.2	14.5	15.0	15.5	11.2	12.0	12.5
<b>Utah</b> .....	46.0	47.6	50.4	224.2	238.1	255.5	161.4	163.6	166.6
Provo-Orem .....	3.3	3.2	3.6	45.8	46.8	49.4	16.6	17.0	17.2
Salt Lake City-Ogden .....	38.0	39.5	41.5	147.6	158.2	170.8	105.1	106.3	107.2
<b>Vermont</b> .....	12.2	12.2	12.2	76.6	79.0	81.5	44.7	45.1	45.3
Barre-Montpelier .....	2.6	2.5	2.5	7.9	8.0	8.0	6.8	7.4	7.3
Burlington .....	4.6	4.6	4.6	25.6	27.0	28.4	14.4	14.1	14.9
<b>Virginia</b> .....	163.7	160.5	162.2	829.2	873.1	911.4	603.2	597.6	597.1
Bristol .....	1.2	1.2	1.1	6.8	7.2	7.6	5.5	5.5	5.4
Charlottesville .....	3.9	3.9	3.8	17.5	18.4	19.0	23.7	23.9	24.6
Danville .....	1.4	1.4	1.4	8.2	8.4	8.6	5.9	5.9	5.8
Lynchburg .....	4.1	4.1	4.1	22.7	22.9	23.2	12.3	12.2	12.6
Norfolk-Virginia Beach-Newport News .....	28.3	28.5	29.6	172.9	180.3	187.3	139.0	137.4	136.5
Northern Virginia .....	56.3	53.6	52.8	320.9	343.1	362.3	177.1	176.8	176.7
Richmond-Petersburg .....	42.0	42.4	42.9	118.7	125.0	128.1	100.9	98.3	96.8
Roanoke .....	8.6	9.4	9.1	38.2	39.5	40.2	17.0	16.7	17.4
<b>Washington</b> .....	124.1	121.6	123.8	598.1	623.5	649.2	437.2	444.4	450.4
Seattle-Bellevue-Everett .....	75.7	73.7	75.0	311.8	327.5	348.4	168.7	172.0	175.4
Spokane .....	10.2	10.3	10.4	51.4	53.1	53.8	29.3	29.7	30.1
Tacoma .....	11.2	10.9	11.3	57.7	59.7	61.5	45.8	46.5	46.9

See footnotes at end of table.

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

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

State and area	Total			Mining			Construction		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>West Virginia</b> .....	674.6	687.8	698.4	27.9	27.2	25.7	34.1	32.9	34.3
Charleston .....	123.1	125.4	127.8	1.8	1.8	1.9	7.1	6.9	6.8
Huntington-Ashland .....	115.6	118.0	119.0	1.6	1.3	1.4	6.3	5.5	5.9
Parkersburg-Marietta .....	65.8	67.0	68.4	0.4	0.4	0.4	3.8	3.9	4.3
Wheeling .....	61.9	63.2	64.4	1.5	1.4	1.5	2.3	2.2	2.3
<b>Wisconsin</b> .....	2,490.8	2,558.5	2,601.6	2.4	2.5	2.5	98.2	99.0	105.3
Appleton-Oshkosh-Neenah .....	179.7	185.3	189.3	(1)	(1)	(1)	9.6	9.5	10.7
Eau Claire .....	64.2	66.8	68.5	(1)	(1)	(1)	2.4	2.6	2.8
Green Bay .....	121.6	127.3	130.7	(1)	(1)	(1)	5.9	6.3	6.5
Janesville-Beloit .....	64.5	67.3	66.9	(1)	(1)	(1)	2.5	2.7	2.6
Kenosha .....	47.2	48.9	48.8	(1)	(1)	(1)	2.0	2.2	2.1
La Crosse .....	64.9	66.4	67.7	(1)	(1)	(1)	2.3	2.4	2.6
Madison .....	248.7	255.2	261.9	(1)	(1)	(1)	10.6	10.9	11.9
Milwaukee-Waukesha .....	788.8	804.0	813.7	(1)	(1)	(1)	28.6	28.1	28.7
Racine .....	77.6	79.1	79.9	(1)	(1)	(1)	2.7	2.8	3.0
Sheboygan .....	56.4	58.1	58.2	(2)	(2)	(2)	2.1	2.2	2.3
Wausau .....	58.9	60.6	61.7	(1)	(1)	(1)	2.5	2.5	2.6
<b>Wyoming</b> .....	216.8	219.4	221.4	17.8	17.0	15.9	13.6	14.2	14.2
Casper .....	28.9	29.5	29.5	2.0	1.9	1.8	1.5	1.7	1.7
<b>Puerto Rico</b> .....	895.8	927.3	964.3	1.0	1.0	1.1	44.2	48.4	54.1
Caguas .....	58.0	59.6	62.4	(1)	(1)	(1)	1.9	2.4	2.7
Mayaguez .....	66.4	68.2	69.5	(1)	(1)	(1)	3.0	3.3	3.6
Ponce .....	70.6	73.0	74.8	(1)	(1)	(1)	3.9	4.2	4.6
San Juan-Bayamon .....	558.2	579.3	605.4	0.5	0.5	0.6	30.9	34.5	38.2
<b>Virgin Islands</b> .....	44.6	42.1	41.0	(1)	(1)	(1)	1.9	1.4	2.4

See footnotes at end of table.

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

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

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>West Virginia</b> .....	81.6	82.4	81.9	39.9	40.2	39.2	154.0	158.0	160.1
Charleston .....	10.0	9.9	9.8	9.2	9.2	9.1	30.9	31.2	31.6
Huntington-Ashland .....	17.8	18.3	17.5	6.8	7.1	7.0	29.5	30.7	31.3
Parkersburg-Marietta .....	12.8	13.1	13.3	2.8	2.7	2.8	16.4	17.0	17.3
Wheeling .....	6.5	6.5	6.2	3.4	3.4	3.2	15.4	15.7	16.2
<b>Wisconsin</b> .....	583.9	601.6	601.2	116.1	120.1	120.7	571.1	588.2	595.2
Appleton-Oshkosh-Neenah .....	58.1	58.9	59.1	7.1	7.2	7.3	37.5	39.0	39.8
Eau Claire .....	10.7	10.9	11.1	3.5	3.6	3.5	17.8	18.8	18.8
Green Bay .....	26.5	27.7	27.8	8.6	9.0	9.2	28.9	30.0	30.7
Janesville-Beloit .....	19.2	21.1	21.2	2.4	2.4	2.4	15.0	15.5	15.4
Kenosha .....	10.4	10.8	11.1	1.8	1.8	1.7	13.2	13.8	13.0
La Crosse .....	11.8	11.3	11.4	2.9	3.0	3.0	18.0	19.4	19.5
Madison .....	27.9	28.8	28.7	8.2	8.5	8.7	55.3	56.9	57.1
Milwaukee-Waukesha .....	172.1	176.7	175.2	38.1	38.8	38.7	172.4	176.2	177.4
Racine .....	24.6	25.2	25.2	2.6	2.9	3.0	16.4	16.3	16.4
Sheboygan .....	23.7	24.5	23.7	1.9	1.9	1.7	10.1	10.7	10.8
Wausau .....	16.4	17.1	17.3	3.8	3.6	3.3	14.1	14.7	15.0
<b>Wyoming</b> .....	9.9	9.7	10.8	14.0	13.7	13.8	50.3	51.6	52.1
Casper .....	1.6	1.6	1.5	1.6	1.5	1.5	8.3	8.4	8.4
<b>Puerto Rico</b> .....	151.0	153.7	153.0	22.7	23.0	24.1	175.8	184.4	191.7
Caguas .....	14.7	14.9	15.7	0.7	0.8	0.7	12.7	13.2	13.6
Mayaguez .....	18.9	19.4	19.3	0.7	0.7	0.7	10.7	11.2	11.2
Ponce .....	11.7	11.3	10.8	2.1	2.1	2.3	13.0	13.5	12.9
San Juan-Bayamon .....	68.5	70.4	70.6	17.4	17.4	18.3	115.9	121.2	127.6
<b>Virgin Islands</b> .....	2.9	2.5	2.3	2.7	2.6	2.3	10.7	9.9	9.2

See footnotes at end of table.

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

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

State and area	Finance, insurance, and real estate			Services			Government		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>West Virginia</b> .....	26.0	26.9	27.1	174.6	183.8	191.3	136.5	136.4	138.8
Charleston .....	6.6	6.9	7.0	35.1	36.7	38.4	22.4	22.8	23.2
Huntington-Ashland .....	3.8	3.8	3.8	29.3	30.8	31.5	20.3	20.5	20.8
Parkersburg-Marietta .....	2.4	2.4	2.5	16.6	17.0	17.2	10.6	10.5	10.6
Wheeling .....	3.0	2.8	2.7	19.9	21.0	21.9	9.9	10.2	10.4
<b>Wisconsin</b> .....	134.9	136.5	138.3	817.0	632.0	655.4	387.1	378.7	383.2
Appleton-Oshkosh-Neenah .....	9.1	9.2	9.3	38.7	40.3	41.3	19.8	21.1	21.8
Eau Claire .....	2.3	2.4	2.4	16.0	17.0	18.1	11.7	11.7	11.8
Green Bay .....	8.0	9.3	9.9	30.8	29.9	31.0	12.9	15.1	15.5
Janesville-Beloit .....	1.9	1.9	1.8	15.4	15.5	15.1	8.1	8.2	8.4
Kenosha .....	1.6	1.6	1.6	11.1	11.8	11.9	7.0	7.1	7.3
La Crosse .....	2.4	2.4	2.7	18.0	18.5	18.8	9.4	9.5	9.7
Madison .....	20.7	20.4	20.1	58.2	61.3	65.2	67.8	68.4	70.3
Milwaukee-Waukesha .....	55.3	58.1	56.7	232.7	238.5	248.1	89.6	89.7	88.9
Racine .....	2.3	2.3	2.3	19.8	20.3	20.7	9.2	9.3	9.4
Sheboygan .....	2.2	2.2	2.3	10.3	10.5	11.2	6.0	6.1	6.2
Wausau .....	4.4	4.5	4.7	11.0	11.3	11.7	8.9	8.9	7.0
<b>Wyoming</b> .....	7.9	7.9	7.9	45.3	47.5	48.1	58.2	57.8	58.7
Casper .....	1.1	1.1	1.2	7.4	7.9	8.1	5.4	5.5	5.3
<b>Puerto Rico</b> .....	41.9	42.9	44.3	159.2	189.3	179.3	300.1	304.8	316.9
Caguas .....	1.7	1.7	1.7	10.2	10.3	10.6	16.3	16.3	17.4
Mayaguez .....	1.9	2.1	2.0	10.8	11.0	10.9	20.3	20.5	21.8
Ponce .....	2.0	2.2	2.3	13.5	14.3	14.8	24.7	25.5	27.1
San Juan-Bayamon .....	32.9	33.4	34.5	109.7	118.6	124.9	182.4	185.3	190.7
<b>Virgin Islands</b> .....	2.1	1.9	1.8	10.5	10.2	9.0	13.8	13.6	14.0

<sup>1</sup> Combined with construction.  
<sup>2</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 1996 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		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Alabama</b> .....	41.9	41.6	41.7	\$10.75	\$11.14	\$11.53	\$450.43	\$463.42	\$480.80
Birmingham .....	42.1	42.7	42.4	11.60	12.03	12.47	488.36	513.68	528.73
Mobile .....	42.4	42.8	43.8	13.04	13.05	13.59	558.90	558.54	595.24
<b>Alaska</b> .....	47.4	47.8	46.5	10.96	11.00	11.14	519.50	525.80	518.01
<b>Arizona</b> .....	42.3	42.5	42.7	11.17	11.16	11.49	472.49	474.30	490.62
<b>Arkansas</b> .....	41.8	41.0	41.5	9.65	10.05	10.41	403.37	412.05	432.02
Fayetteville-Springdale-Rogers .....	41.2	40.6	40.5	9.46	9.73	9.80	389.75	395.04	396.90
Fort Smith .....	41.4	41.6	41.9	9.67	9.88	10.33	400.34	411.01	432.83
Little Rock-North Little Rock .....	42.0	41.4	41.9	10.47	10.53	11.14	439.74	435.94	466.77
Pine Bluff .....	43.1	41.5	42.5	11.07	11.69	11.88	477.12	485.14	504.90
<b>California</b> .....	41.4	41.2	41.5	12.44	12.55	12.83	515.02	517.06	532.45
Bakersfield .....	40.5	40.8	41.1	12.73	13.18	13.50	515.57	535.11	554.85
Fresno .....	41.8	41.5	41.2	10.71	10.89	11.18	447.68	451.94	460.62
Los Angeles-Long Beach .....	41.9	42.0	42.0	11.72	11.86	12.03	491.07	498.12	505.26
Modesto .....	41.1	41.1	40.9	12.08	12.45	12.69	496.49	511.70	519.02
Oakland .....	41.9	42.0	42.3	15.34	15.27	15.42	642.75	641.34	652.27
Orange County .....	41.1	42.0	42.1	12.51	12.45	12.76	514.16	522.90	537.20
Riverside-San Bernardino .....	41.6	40.9	41.5	11.34	11.34	11.54	471.74	463.81	478.91
Sacramento .....	40.6	40.7	40.6	13.06	13.64	13.82	530.24	555.15	561.09
Salinas .....	38.8	38.9	39.4	13.05	13.35	13.54	506.34	519.32	533.48
San Diego .....	40.3	39.9	39.6	12.40	12.49	12.77	499.72	498.35	505.69
San Francisco .....	39.9	40.1	40.8	13.77	13.67	13.87	549.42	548.17	565.90
San Jose .....	41.6	41.6	41.3	14.95	15.38	15.82	621.92	639.81	653.37
Santa Barbara-Santa Maria-Lompoc .....	41.0	40.9	41.5	12.86	12.66	13.05	527.26	517.79	541.56
Santa Rosa .....	39.8	39.6	39.4	13.79	14.18	14.43	548.84	561.53	568.54
Stockton-Lodi .....	42.8	42.5	42.5	12.35	12.61	12.92	528.58	535.93	549.10
Vallejo-Fairfield-Napa .....	39.6	40.0	41.3	14.48	14.89	14.63	573.41	595.60	604.22
Ventura .....	41.4	41.1	41.8	11.88	12.13	12.35	491.83	498.54	516.23
<b>Colorado</b> .....	41.3	41.0	41.2	12.26	12.51	12.82	506.34	512.91	528.18
Denver .....	41.7	41.2	41.1	12.62	12.61	12.81	526.25	519.53	526.49
<b>Connecticut</b> .....	42.8	42.8	42.5	13.53	13.71	14.01	579.08	586.79	595.43
Bridgeport .....	42.2	42.8	42.3	13.88	14.13	14.59	585.74	604.76	617.16
Danbury .....	43.3	43.6	45.6	13.11	13.39	14.47	567.66	583.80	659.83
Hartford .....	43.0	43.1	42.6	14.15	14.05	14.67	608.45	605.56	624.94
New Haven-Meriden .....	42.0	41.0	41.3	12.81	13.04	13.48	538.02	534.64	556.72
New London-Norwich .....	43.1	43.6	42.3	14.20	14.24	14.57	612.02	620.86	616.31
Stamford-Norwalk .....	42.3	41.2	40.8	12.99	13.54	14.06	549.48	557.85	573.65
Waterbury .....	43.8	43.6	43.4	12.11	12.65	13.09	530.42	551.54	568.11
<b>Delaware</b> .....	42.8	41.0	40.5	13.92	14.20	14.00	595.78	582.20	567.00
Dover .....	40.0	39.6	39.7	12.72	12.66	12.75	508.80	501.34	506.18
Wilmington-Newark .....	44.3	42.3	41.7	16.39	16.79	16.96	726.08	710.22	707.23
<b>District of Columbia:</b>									
Washington PMSA .....	39.7	39.5	38.5	13.46	13.66	13.66	534.36	539.57	526.68
<b>Florida</b> .....	41.4	41.4	41.5	9.97	10.18	10.54	412.76	421.45	437.41
<b>Georgia</b> .....	42.4	42.3	42.3	10.34	10.71	11.17	438.42	453.03	472.49
Atlanta .....	42.1	42.8	42.6	11.41	11.78	12.01	480.36	504.18	511.63
Savannah .....	47.4	46.8	48.2	13.31	13.83	14.00	630.89	647.24	674.80
<b>Hawaii</b> .....	38.3	37.5	38.1	12.22	12.82	12.79	468.03	480.75	487.30
Honolulu .....	37.7	38.8	39.3	12.68	13.25	12.98	478.04	514.10	510.11
<b>Idaho</b> .....	40.0	39.3	39.5	11.88	11.46	12.15	475.20	450.38	479.93
<b>Illinois</b> .....	41.9	41.7	41.7	12.25	12.64	13.03	513.28	527.09	543.35
Bloomington-Normal .....	42.8	43.3	42.3	16.54	17.18	17.46	707.91	743.89	738.56
Champaign-Urbana .....	40.8	41.6	41.0	10.51	10.66	10.75	428.81	443.46	440.75
Chicago .....	42.1	41.9	41.8	12.19	12.55	12.95	513.20	525.85	541.31
Davenport-Moline-Rock Island .....	41.8	41.8	41.7	13.96	14.39	14.91	583.53	601.50	621.75
Decatur .....	43.1	42.4	41.7	15.00	15.00	16.01	646.50	636.00	667.62
Kankakee .....	42.2	41.5	40.9	13.23	13.49	14.01	558.31	559.84	573.01
Peoria-Pekin .....	41.7	40.6	41.4	15.02	15.36	16.29	626.33	623.62	674.41
Rockford .....	42.3	42.0	42.1	13.59	14.33	14.82	574.86	601.86	623.92
Springfield .....	39.8	40.9	41.0	11.70	11.71	11.69	465.66	478.94	479.29

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		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Indiana</b> .....	43.3	42.2	42.8	\$13.55	\$13.91	\$14.33	\$586.72	\$587.00	\$613.32
Bloomington .....	41.4	38.3	40.0	12.18	11.23	11.43	504.25	430.11	457.20
Elkhart-Goshen .....	40.5	39.0	39.7	11.36	11.60	12.17	460.08	452.40	483.15
Evansville-Henderson .....	44.4	42.2	42.2	13.45	13.25	13.40	597.18	559.15	565.48
Fort Wayne .....	43.2	41.4	41.7	13.84	14.17	14.45	597.89	586.64	602.57
Gary .....	43.5	40.8	42.4	17.82	18.20	18.65	775.17	742.56	790.76
Indianapolis .....	43.4	42.7	44.3	14.79	15.30	15.76	641.89	653.31	698.17
Kokomo .....	47.7	48.7	51.5	18.80	18.97	18.94	896.76	923.84	975.41
Lafayette .....	42.3	43.0	43.5	14.65	14.63	14.83	619.70	629.09	645.11
Muncie .....	45.6	43.5	43.2	14.78	15.17	14.71	673.97	659.90	635.47
South Bend .....	42.5	42.2	42.7	12.23	12.77	12.38	519.78	538.89	528.63
Terre Haute .....	43.4	43.4	42.9	13.48	13.73	14.03	585.03	595.88	601.89
<b>Iowa</b> .....	42.4	41.9	42.0	12.45	12.73	13.13	527.88	533.39	551.46
Cedar Rapids .....	41.8	40.1	42.0	15.11	16.06	15.90	631.60	644.01	667.80
Des Moines .....	41.7	41.4	41.5	12.89	13.39	13.70	537.51	554.35	568.55
Dubuque .....	41.2	41.3	41.6	13.09	13.32	14.42	539.31	550.12	599.87
Sioux City .....	41.6	40.9	39.7	10.26	10.60	10.67	426.82	433.54	423.60
<b>Kansas</b> .....	41.6	41.1	42.4	12.15	12.39	12.88	505.44	509.23	546.11
Topeka .....	41.8	40.2	41.8	14.27	14.48	14.03	596.49	582.10	586.45
Wichita .....	41.1	40.4	44.6	13.80	13.83	14.92	567.18	558.73	665.43
<b>Kentucky</b> .....	41.3	41.3	41.1	11.81	12.22	12.70	487.75	504.69	521.97
Lexington .....	42.9	42.6	42.0	12.93	13.41	13.64	554.70	571.27	572.88
Louisville .....	41.9	42.1	41.5	13.72	13.88	14.09	574.87	584.35	584.74
<b>Louisiana</b> .....	43.4	43.2	44.2	13.11	13.43	13.66	568.97	580.18	603.77
Baton Rouge .....	44.0	44.2	43.4	15.64	15.94	16.01	688.16	704.55	694.83
New Orleans .....	44.1	43.7	44.3	13.43	14.04	14.23	592.26	613.55	630.39
Shreveport-Bossier City .....	43.8	42.5	42.5	14.07	13.91	13.83	616.27	591.18	587.78
<b>Maine</b> .....	40.6	39.8	39.9	11.91	12.39	12.71	483.55	493.12	507.13
Lewiston-Auburn .....	40.9	38.5	39.2	9.77	10.12	11.13	399.59	389.62	436.30
Portland .....	39.3	38.2	38.4	10.79	11.05	11.22	424.05	422.11	430.85
<b>Maryland</b> .....	41.5	41.5	41.0	13.15	13.49	13.71	545.73	559.84	562.11
Baltimore PMSA .....	41.9	41.8	41.5	13.80	14.10	14.51	578.22	589.38	602.17
<b>Massachusetts</b> .....	41.6	41.7	41.8	12.59	12.79	13.04	523.74	533.34	545.07
Boston .....	41.1	41.1	41.5	13.35	13.64	14.05	548.69	560.60	583.08
Springfield .....	41.7	41.4	41.8	12.29	12.45	12.51	512.49	515.43	522.92
Worcester .....	41.5	41.9	42.0	11.98	12.33	12.89	497.17	516.63	541.38
<b>Michigan</b> .....	44.9	44.3	43.9	16.13	16.31	16.67	724.24	722.53	731.81
Ann Arbor .....	45.3	44.2	45.3	16.55	16.66	17.30	749.71	736.37	783.69
Detroit .....	46.7	45.3	45.2	17.32	17.61	18.32	808.84	797.73	828.06
Flint .....	48.8	48.0	46.0	22.06	21.60	21.51	1076.53	1036.80	989.46
Grand Rapids-Muskegon-Holland .....	42.8	41.9	41.8	13.18	13.77	14.29	564.10	576.96	597.32
Jackson .....	43.8	42.1	40.9	11.61	12.27	12.67	508.52	516.57	518.20
Kalamazoo-Battle Creek .....	44.3	43.3	43.4	14.97	15.04	15.52	663.17	651.23	673.57
Lansing East Lansing .....	44.8	44.9	44.1	17.67	17.65	17.79	791.62	792.48	784.54
Saginaw-Bay City-Midland .....	45.8	46.8	47.2	18.08	18.50	19.52	828.06	865.80	921.34
<b>Minnesota</b> .....	41.6	41.5	41.4	12.58	12.79	13.18	523.33	530.79	545.65
Duluth-Superior .....	40.5	41.4	40.3	11.97	11.62	11.50	484.79	481.07	463.45
Minneapolis-St. Paul .....	41.9	41.6	41.5	13.35	13.70	14.10	559.37	589.92	585.15
St. Cloud .....	40.5	40.9	41.5	11.53	12.17	12.16	466.97	497.75	504.64
<b>Mississippi</b> .....	41.7	41.0	41.3	9.41	9.76	10.19	392.40	400.16	420.85
Jackson .....	41.2	40.8	41.9	10.15	10.66	11.39	418.18	434.93	477.24
<b>Missouri</b> .....	42.0	41.3	41.5	11.77	12.16	12.54	494.34	502.21	520.41
Kansas City .....	43.1	42.8	43.4	13.84	14.07	14.31	596.50	602.20	621.05
St. Louis .....	43.3	42.6	42.6	13.80	14.61	15.11	597.54	622.39	643.69
Springfield .....	40.8	40.4	40.4	10.04	10.20	10.71	409.63	412.08	432.68
<b>Montana</b> .....	39.3	39.4	39.1	12.49	12.94	13.00	490.86	509.84	508.30
<b>Nebraska</b> .....	42.1	41.5	41.6	10.94	11.19	11.51	460.57	464.39	478.82
Lincoln .....	42.8	41.4	43.6	12.43	12.63	13.12	532.00	522.88	572.03
Omaha .....	41.9	41.6	41.6	11.57	11.97	12.87	484.78	497.95	527.07
<b>Nevada</b> .....	41.1	41.4	41.6	11.83	12.62	13.59	486.21	522.47	565.34
Las Vegas .....	39.3	40.6	39.9	13.31	14.28	14.25	523.08	579.77	568.58

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		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>New Hampshire</b> .....	42.3	41.6	41.9	\$11.74	\$11.94	\$12.24	\$496.60	\$496.70	\$512.86
Manchester .....	42.9	42.3	41.5	11.80	11.82	12.81	506.22	499.99	531.62
Nashua .....	41.4	41.2	41.6	15.22	14.69	14.87	630.11	605.23	618.59
Portsmouth-Rochester .....	40.7	39.3	41.2	11.22	12.06	11.92	456.65	473.96	491.10
<b>New Jersey</b> .....	41.8	41.8	41.8	13.36	13.56	13.86	558.45	566.81	579.35
<b>New Mexico</b> .....	40.9	39.9	40.2	10.13	10.68	10.97	414.32	426.13	440.99
Albuquerque .....	40.9	40.5	40.6	10.52	11.05	11.42	430.27	447.53	463.65
<b>New York</b> .....	41.0	40.9	40.8	12.19	12.50	12.78	499.79	511.25	521.42
Albany-Schenectady-Troy .....	40.9	40.4	40.6	13.80	14.01	14.09	564.42	566.00	572.05
Binghamton .....	42.1	41.2	41.3	10.00	10.20	10.27	421.00	420.24	424.15
Buffalo-Niagara Falls .....	43.7	43.5	43.1	15.37	15.89	16.45	671.67	891.22	709.00
Dutchess County .....	40.6	40.1	37.2	11.70	11.33	11.65	475.02	454.32	433.38
Elmira .....	43.2	42.8	42.1	11.23	11.56	11.94	495.14	492.46	502.87
Nassau-Suffolk .....	40.0	39.5	39.5	11.48	11.59	11.84	458.40	457.81	467.68
New York PMSA .....	38.3	38.4	38.5	10.99	11.29	11.59	420.92	433.54	446.22
New York City .....	37.7	37.9	38.3	10.70	10.98	11.34	403.39	416.14	434.32
Newburgh .....	41.4	40.8	39.6	10.82	10.79	11.39	447.95	438.07	451.04
Rochester .....	42.8	42.8	43.1	13.89	14.20	14.23	594.49	607.76	613.31
Rockland County .....	43.6	43.7	42.4	13.95	14.53	15.14	608.22	634.96	641.94
Syracuse .....	43.3	43.0	43.3	13.03	13.45	13.90	564.20	578.35	601.87
Utica-Rome .....	41.8	40.2	39.8	10.96	11.19	12.20	458.13	449.84	485.56
Westchester County .....	41.3	40.9	40.3	12.26	12.57	11.96	506.34	514.11	481.99
<b>North Carolina</b> .....	41.1	40.6	40.4	10.19	10.56	10.96	418.81	428.74	442.78
Asheville .....	41.7	41.0	41.0	9.94	10.05	10.53	414.50	412.05	431.73
Charlotte-Gastonia-Rock Hill .....	41.2	40.5	40.4	10.79	11.22	11.78	444.55	454.41	475.91
Greensboro-Winston-Salem-High Point .....	40.4	40.0	39.9	10.73	10.96	11.25	433.49	438.40	448.88
Raleigh-Durham-Chapel Hill .....	41.4	41.4	41.5	10.94	11.36	11.92	452.92	470.30	494.88
<b>North Dakota</b> .....	42.3	40.7	42.1	10.19	10.75	10.94	431.04	437.53	480.57
Fargo-Moorhead .....	42.1	40.9	42.0	9.83	10.29	10.95	413.84	420.86	459.90
<b>Ohio</b> .....	43.9	43.4	43.3	14.40	14.42	14.69	632.16	625.83	636.08
Akron .....	43.9	43.0	42.6	12.45	11.88	12.29	546.56	510.84	523.55
Canton-Massillon .....	41.9	41.3	40.8	12.59	12.89	13.16	527.52	532.36	536.93
Cincinnati .....	43.6	43.6	43.0	13.25	13.78	14.24	577.70	600.81	612.32
Cleveland-Lorain-Elyria .....	44.0	43.6	43.2	14.23	14.24	14.67	626.12	620.66	633.74
Columbus .....	42.3	42.5	42.1	13.31	13.27	13.67	563.01	563.98	575.51
Dayton-Springfield .....	45.5	44.9	44.5	15.95	15.93	15.74	725.73	715.26	700.43
Hamilton-Middletown .....	45.9	44.9	45.8	15.85	16.02	16.33	727.52	719.30	747.91
Lima .....	44.0	44.2	43.0	15.58	15.66	15.42	685.52	692.17	663.06
Mansfield .....	43.9	43.7	43.4	14.73	14.85	15.61	646.65	648.95	677.47
Steubenville-Weirton .....	43.0	44.0	43.3	16.29	16.77	18.49	700.47	737.88	714.02
Toledo .....	45.1	44.6	44.8	15.75	16.20	16.48	710.33	722.52	738.30
Youngstown-Warren .....	44.5	44.0	43.1	16.44	15.78	15.88	731.58	694.32	684.43
<b>Oklahoma</b> .....	43.1	41.9	42.0	11.42	11.52	11.77	492.20	482.69	494.34
Oklahoma City .....	43.5	42.8	43.3	12.76	12.47	13.11	555.06	533.72	567.66
Tulsa .....	42.2	41.9	41.6	11.99	12.15	12.52	505.98	509.09	523.34
<b>Oregon</b> .....	40.4	40.1	40.2	12.31	12.75	13.01	497.32	511.28	523.00
Eugene-Springfield .....	40.2	40.2	40.1	12.38	12.58	12.88	487.68	505.72	516.49
Medford-Ashland .....	41.0	40.6	40.2	11.66	11.91	11.92	478.06	483.55	479.18
Portland-Vancouver .....	40.7	40.6	40.5	12.67	12.85	13.17	516.67	521.71	533.39
Salem .....	38.9	38.5	38.5	10.34	10.92	11.53	402.23	420.42	443.91
<b>Pennsylvania</b> .....	41.6	41.3	41.2	12.49	12.81	13.39	519.58	529.05	551.67
Allentown-Bethlehem-Easton .....	40.2	40.5	41.2	12.06	12.49	13.36	484.81	505.85	551.26
Allentown .....	41.4	40.4	39.7	10.69	10.69	11.15	442.57	431.88	442.66
Erie .....	44.6	43.0	43.5	13.24	13.12	13.68	590.50	564.16	595.08
Harrisburg-Lebanon-Carlisle .....	40.0	40.0	39.0	11.83	12.19	12.81	473.20	487.60	499.59
Johnstown .....	40.4	39.7	39.6	9.37	9.58	10.00	378.55	380.33	396.00
Lancaster .....	40.7	40.3	39.9	12.40	12.67	12.96	504.68	510.60	517.10
Philadelphia PMSA .....	41.0	41.0	40.8	13.60	13.97	14.42	557.60	572.77	588.34
Pittsburgh .....	42.8	42.7	42.8	13.62	13.98	14.52	582.94	596.95	621.46
Reading .....	42.4	41.9	41.6	13.08	13.38	14.49	553.74	560.62	602.78
Scranton-Wilkes-Barre-Hazleton .....	40.3	39.8	39.8	11.11	11.50	11.98	447.73	457.70	476.80
Sharon .....	45.2	43.1	42.9	12.91	13.60	14.11	583.53	586.16	605.32
State College .....	41.4	41.7	42.0	10.50	11.02	11.39	434.70	459.53	478.38
Williamsport .....	42.2	40.9	41.0	10.95	10.90	11.03	462.09	445.81	452.23
York .....	42.7	41.4	41.2	12.55	12.61	13.38	535.89	522.05	551.26

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		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
<b>Rhode Island</b> .....	40.3	40.5	40.0	\$10.35	\$10.62	\$10.94	\$417.11	\$430.11	\$437.60
Providence-Fall River-Warwick .....	40.0	40.1	40.1	10.48	10.74	11.03	419.20	430.67	442.30
<b>South Carolina</b> .....	41.8	41.9	41.8	10.00	10.16	10.28	418.00	425.70	428.87
<b>South Dakota</b> .....	42.0	41.8	41.5	9.19	9.36	9.59	385.98	391.25	397.99
Rapid City .....	41.4	41.1	40.3	9.39	9.37	9.55	388.75	385.11	384.87
Sioux Falls .....	42.7	43.0	41.9	9.86	9.84	9.95	421.02	423.12	416.91
<b>Tennessee</b> .....	40.9	40.4	40.5	10.50	10.78	11.28	429.45	435.51	456.84
Chattanooga .....	40.8	39.5	41.4	10.27	10.74	10.78	419.02	424.23	446.29
Johnson City-Kingsport-Bristol .....	38.5	39.1	39.6	10.63	11.19	11.99	409.26	437.53	474.60
Knoxville .....	39.5	39.1	40.0	10.36	10.88	10.89	409.22	425.41	435.60
Memphis .....	41.0	39.9	41.7	10.85	11.29	11.70	444.85	450.47	487.89
Nashville .....	40.8	40.8	40.6	11.45	11.46	11.89	467.18	467.57	482.73
<b>Texas</b> .....	43.1	42.8	43.0	11.13	11.47	11.82	479.70	490.92	508.26
Dallas .....	43.0	43.3	43.8	10.98	11.16	11.59	472.14	483.23	507.64
Ft. Worth-Arlington .....	42.7	42.5	42.8	12.51	12.32	12.48	534.18	523.60	533.29
Houston .....	44.4	44.3	44.7	13.54	13.98	13.96	601.18	619.31	624.01
San Antonio .....	42.1	41.9	41.4	8.85	9.36	9.49	372.59	392.18	392.89
<b>Utah</b> .....	40.8	39.8	40.3	11.28	11.62	12.22	457.97	462.48	492.47
Salt Lake City-Ogden .....	41.5	40.7	40.2	11.49	11.98	12.28	476.84	487.59	492.85
<b>Vermont</b> .....	40.9	40.5	40.5	11.96	12.21	12.42	489.16	494.51	503.01
Burlington .....	40.3	40.5	43.4	12.09	12.33	12.66	487.23	499.37	549.44
<b>Virginia</b> .....	41.7	41.6	41.5	11.24	11.72	12.19	468.71	487.55	505.89
Bristol .....	42.5	41.2	41.4	10.27	10.02	10.14	436.48	412.62	419.80
Charlottesville .....	38.5	41.1	41.8	10.08	10.15	10.12	388.08	417.17	420.99
Danville .....	43.3	42.4	41.5	11.09	11.28	11.59	480.20	478.27	480.99
Lynchburg .....	42.3	39.4	40.0	10.90	11.38	11.65	461.07	448.37	474.00
Northern Virginia .....	41.1	41.1	40.2	12.12	12.40	12.36	496.13	509.84	496.87
Richmond-Petersburg .....	43.2	43.9	43.4	14.47	15.04	15.94	625.10	660.26	691.80
Roanoke .....	41.7	41.8	39.3	12.30	12.91	13.24	512.91	537.06	520.33
<b>Washington</b> .....	40.5	40.8	40.8	14.88	14.73	14.70	601.83	600.98	599.76
<b>West Virginia</b> .....	41.3	41.8	41.2	12.60	12.64	12.96	520.38	528.35	533.95
Charleston .....	48.1	48.8	48.6	14.63	14.16	14.15	703.70	662.69	662.22
Huntington-Ashland .....	43.2	42.1	41.0	14.60	14.39	14.40	630.72	605.82	590.40
Parkerburg-Marietta .....	42.4	43.9	42.8	15.27	15.64	16.28	647.45	666.60	696.78
Wheeling .....	40.4	40.3	40.5	14.54	15.27	15.50	567.42	615.38	627.75
<b>Wisconsin</b> .....	42.7	42.1	42.2	12.41	12.76	13.14	529.91	537.20	554.51
Appleton-Oshkosh-Neenah .....	44.8	43.6	44.3	13.57	13.69	14.21	607.94	605.60	629.50
Eau Claire .....	45.3	46.8	46.5	12.74	13.05	13.03	577.12	610.74	605.90
Green Bay .....	42.1	43.3	42.4	13.13	13.72	14.35	552.77	594.08	608.44
Janesville-Beloit .....	45.5	46.1	45.4	16.73	16.77	16.86	761.22	773.10	765.44
Kenosha .....	40.3	40.4	39.6	13.25	13.58	13.98	533.98	548.63	553.61
La Crosse .....	41.6	40.0	40.9	10.23	10.62	11.22	427.61	432.80	458.90
Madison .....	41.8	40.4	41.1	11.74	12.03	12.43	480.73	466.01	510.67
Milwaukee-Waukesha .....	42.3	41.9	41.6	13.49	13.93	14.22	570.63	583.67	594.40
Racine .....	41.0	39.6	41.7	12.65	12.97	13.70	518.65	513.61	571.29
Sheboygan .....	43.2	42.2	43.3	12.31	12.58	12.92	531.79	530.88	559.44
Wausau .....	43.2	44.0	42.9	11.72	12.11	12.71	506.30	532.84	545.26
<b>Wyoming</b> .....	40.0	39.4	40.1	11.79	11.96	13.16	471.60	471.22	527.72
<b>Puerto Rico</b> .....	39.9	39.6	38.6	7.22	7.41	7.69	288.08	293.44	296.83
<b>Virgin Islands</b> .....	42.7	41.7	41.5	15.16	15.82	17.00	647.33	659.69	705.50

<sup>1</sup> Not available.

State and area data have been adjusted to March 1996 benchmarks.

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

**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
		1996	
<b>Alabama</b> .....	2,087.8	107.1	5.1
Birmingham .....	448.3	14.3	3.2
Huntsville .....	163.0	5.7	3.5
Mobile .....	258.2	13.5	5.2
Montgomery .....	156.0	6.3	4.0
Tuscaloosa .....	77.8	2.8	3.6
<b>Alaska</b> .....	315.9	24.7	7.8
Anchorage .....	138.1	7.5	5.5
<b>Arizona</b> .....	2,249.3	123.9	5.5
Phoenix-Mesa .....	1,459.8	54.4	3.7
Tucson .....	382.1	14.3	3.7
<b>Arkansas</b> .....	1,234.4	66.6	5.4
Fayetteville-Springdale-Rogers .....	138.5	4.1	2.9
Fort Smith .....	96.0	5.0	5.3
Little Rock-North Little Rock .....	298.0	11.4	3.8
Pine Bluff .....	37.2	2.9	7.7
<b>California</b> .....	15,596.1	1,126.2	7.2
Bakersfield .....	279.0	35.5	12.7
Fresno .....	426.5	55.9	13.1
Los Angeles-Long Beach .....	4,415.4	362.9	8.2
Modesto .....	196.6	27.6	14.0
Oakland .....	1,142.9	56.6	5.0
Orange County .....	1,343.8	55.2	4.1
Riverside-San Bernardino .....	1,313.2	100.7	7.7
Sacramento .....	724.9	43.3	6.0
Salinas .....	179.3	19.8	11.0
San Diego .....	1,236.3	65.6	5.3
San Francisco .....	910.6	36.0	4.0
San Jose .....	896.6	32.3	3.6
Santa Barbara-Santa Maria-Lompoc .....	192.7	10.9	5.7
Santa Rosa .....	230.4	10.1	4.4
Stockton-Lodi .....	240.8	27.0	11.2
Vallejo-Fairfield-Napa .....	232.6	16.7	7.2
Ventura .....	381.8	27.0	7.1
<b>Colorado</b> .....	2,101.9	88.8	4.2
Boulder-Longmont .....	162.1	6.1	3.8
Colorado Springs .....	238.7	11.1	4.6
Denver .....	1,054.7	40.3	3.8
<b>Connecticut</b> .....	1,719.9	98.8	5.7
Bridgeport .....	219.7	14.8	6.7
Danbury .....	107.7	4.2	3.9
Hartford .....	591.0	36.2	6.1
New Haven-Meriden .....	272.6	15.9	5.8
New London-Norwich .....	152.7	8.7	5.7
Stamford-Newark .....	190.5	7.1	3.7
Waterbury .....	117.0	7.6	6.5
<b>Delaware</b> .....	382.4	19.7	5.2
Dover .....	68.7	3.5	5.1
Wilmington-Newark .....	286.7	17.2	6.0
<b>District of Columbia</b> .....	272.2	23.2	8.5
Washington .....	2,544.7	98.4	3.9
<b>Florida</b> .....	6,937.7	351.9	5.1
Daytona Beach .....	188.3	7.8	4.2
Fort Lauderdale .....	733.3	37.7	5.1
Fort Myers-Cape Coral .....	170.2	6.4	3.7
Gainesville .....	100.9	2.8	2.8
Jacksonville .....	511.6	18.3	3.6
Lakeland-Winter Haven .....	195.0	12.9	6.6
Melbourne-Titusville-Palm Bay .....	197.8	10.8	5.4
Miami .....	1,030.1	74.9	7.3
Orlando .....	776.5	29.3	3.8
Pensacola .....	166.6	6.5	3.9
Sarasota-Bradenton .....	242.5	8.0	3.3
Tallahassee .....	142.1	4.4	3.1
Tampa-St. Petersburg-Clearwater .....	1,100.9	43.1	3.9
West Palm Beach-Boca Raton .....	466.6	31.1	6.7

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
1996			
<b>Georgia</b> .....	3,753.1	173.0	4.6
Albany .....	55.7	3.3	6.0
Athens .....	71.1	2.2	3.1
Atlanta .....	1,973.2	75.1	3.8
Augusta-Aiken .....	202.4	13.5	6.7
Columbus .....	116.7	6.0	5.1
Macon .....	147.1	7.0	4.8
Savannah .....	130.1	6.3	4.8
<b>Hawaii</b> .....	590.9	37.7	6.4
Honolulu .....	427.3	22.6	5.3
<b>Idaho</b> .....	619.3	32.4	5.2
Boise City .....	206.3	8.1	3.9
<b>Illinois</b> .....	6,100.4	322.3	5.3
Bloomington-Normal .....	79.4	2.5	3.1
Champaign-Urbana .....	93.3	2.9	3.1
Chicago .....	4,051.3	203.9	5.0
Davenport-Moline-Rock Island .....	182.9	8.0	4.4
Decatur .....	60.1	4.9	8.1
Kankakee .....	51.9	3.0	5.8
Peoria-Pekin .....	180.5	11.0	6.1
Rockford .....	193.7	9.2	4.8
Springfield .....	106.5	4.8	4.5
<b>Indiana</b> .....	3,072.0	126.7	4.1
Bloomington .....	60.9	1.7	2.7
Elkhart-Goshen .....	94.3	3.7	3.9
Evansville-Henderson .....	155.3	7.0	4.5
Fort Wayne .....	262.5	9.3	3.5
Gary .....	299.7	15.6	5.2
Indianapolis .....	814.9	26.4	3.2
Kokomo .....	52.3	1.9	3.6
Lafayette .....	87.9	2.5	2.9
Muncie .....	62.8	2.9	4.6
South Bend .....	135.8	5.4	4.0
Terre Haute .....	74.2	4.8	6.5
<b>Iowa</b> .....	1,599.0	60.0	3.8
Cedar Rapids .....	109.4	3.2	2.9
Des Moines .....	257.3	7.2	2.8
Dubuque .....	50.5	2.9	5.7
Iowa City .....	65.3	1.9	2.9
Sioux City .....	66.7	2.4	3.6
Waterloo-Cedar Falls .....	68.8	3.1	4.6
<b>Kansas</b> .....	1,339.5	60.4	4.5
Lawrence .....	50.7	2.5	4.9
Topeka .....	69.4	4.6	5.2
Wichita .....	267.0	11.5	4.3
<b>Kentucky</b> .....	1,867.1	105.0	5.6
Lexington .....	241.3	6.7	2.8
Louisville .....	529.2	23.1	4.4
Owensboro .....	47.7	2.8	5.8
<b>Louisiana</b> .....	1,997.3	134.6	6.7
Alexandria .....	59.0	4.0	6.8
Baton Rouge .....	287.7	16.7	5.8
Houma .....	63.7	3.8	4.6
Lafayette .....	167.6	10.0	6.0
Lake Charles .....	88.8	5.5	6.2
Monroe .....	69.2	4.4	6.4
New Orleans .....	612.9	39.6	6.5
Shreveport-Bossier City .....	183.1	13.2	7.2
<b>Maine</b> .....	668.7	34.1	5.1
Lewiston-Auburn .....	52.4	3.0	5.7
Portland .....	132.6	3.8	2.8

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
	1996		
<b>Maryland</b> .....	2,786.3	136.2	4.9
Baltimore .....	1,302.9	70.7	5.4
<b>Massachusetts</b> .....	3,189.1	137.3	4.3
Barnstable-Yarmouth .....	71.9	3.7	5.2
Boston .....	1,766.7	64.9	3.7
Brockton .....	128.1	6.7	5.2
Fitchburg-Leominster .....	68.3	3.7	5.4
Lawrence .....	193.6	10.8	5.6
Lowell .....	155.5	6.5	4.2
New Bedford .....	80.8	6.9	8.5
Pittsfield .....	40.2	2.1	5.3
Springfield .....	278.6	12.5	4.5
Worcester .....	245.0	9.8	4.0
<b>Michigan</b> .....	4,806.5	234.2	4.9
Ann Arbor .....	278.1	8.1	2.9
Benton Harbor .....	82.1	4.9	6.0
Detroit .....	2,155.5	97.0	4.5
Flint .....	202.8	12.7	6.3
Grand Rapids-Muskegon-Holland .....	555.8	22.8	4.1
Jackson .....	74.3	3.8	5.1
Kalamazoo-Battle-Creek .....	223.0	9.8	4.4
Lansing-East Lansing .....	234.6	8.6	3.7
Saginaw-Bay City-Midland .....	192.0	9.4	4.9
<b>Minnesota</b> .....	2,608.8	104.0	4.0
Duluth-Superior .....	123.1	6.9	5.8
Minneapolis-St. Paul .....	1,618.3	50.0	3.1
Rochester .....	64.5	2.0	3.0
St. Cloud .....	93.5	4.7	5.0
<b>Mississippi</b> .....	1,262.2	77.4	6.1
Jackson .....	220.4	7.9	3.8
<b>Missouri</b> .....	2,897.5	132.4	4.6
Kansas City .....	940.3	38.8	4.1
St. Louis LMA .....	1,362.6	81.3	4.5
Springfield .....	170.1	5.8	3.4
<b>Montana</b> .....	448.6	23.5	5.3
<b>Nebraska</b> .....	912.9	28.7	2.9
Lincoln .....	139.2	3.8	2.8
Omaha .....	375.8	11.1	3.0
<b>Nevada</b> .....	844.0	45.7	5.4
Las Vegas .....	634.6	34.9	5.5
Reno .....	167.2	8.1	4.8
<b>New Hampshire</b> .....	623.8	25.9	4.2
Manchester .....	96.3	3.5	3.7
Nashua .....	95.3	4.0	4.2
Portsmouth-Rochester .....	119.6	4.4	3.7
<b>New Jersey</b> .....	4,124.4	255.4	6.2
Atlantic-Cape May .....	173.1	16.0	9.3
Bergen-Passaic .....	670.3	42.4	6.3
Jersey City .....	287.5	26.5	9.2
Middlesex-Somerset-Hunterdon .....	613.2	27.9	4.5
Monmouth-Ocean .....	512.9	28.7	5.6
Newark .....	1,009.1	62.0	6.1
Trenton .....	169.1	9.6	5.6
Vineland-Millville-Bridgeton .....	64.6	6.4	9.9
<b>New Mexico</b> .....	799.8	84.4	8.1
Albuquerque .....	345.1	18.5	5.3
Las Cruces .....	66.3	6.7	10.2
Santa Fe .....	72.2	3.7	5.1

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
1996			
<b>New York</b> .....	8,639.5	539.5	6.2
Albany-Schenectady-Troy .....	446.8	20.4	4.6
Binghamton .....	121.6	5.4	4.4
Buffalo-Niagara Falls .....	572.3	29.2	5.1
Dutchess County .....	117.6	5.0	4.2
Elmira .....	44.0	1.9	4.3
Glens Falls .....	81.3	3.9	6.3
Nassau-Suffolk .....	1,365.5	57.5	4.2
New York .....	3,923.2	315.0	8.0
New York City .....	3,293.3	269.1	6.8
Newburgh .....	170.0	7.4	4.4
Rochester .....	569.7	22.7	4.0
Syracuse .....	363.3	17.6	4.8
Utica-Rome .....	141.6	7.5	5.3
<b>North Carolina</b> .....	3,796.2	164.9	4.3
Asheville .....	108.6	3.7	3.4
Charlotte-Gastonia-Rock Hill .....	735.2	27.0	3.7
Greensboro-Winston-Salem-High Point .....	632.3	21.0	3.3
Raleigh-Durham-Chapel Hill .....	579.6	13.6	2.3
<b>North Dakota</b> .....	343.5	10.5	3.1
Bismarck .....	52.4	1.5	2.9
Fargo-Moorhead .....	97.8	2.4	2.5
Grand Forks .....	55.1	1.9	3.4
<b>Ohio</b> .....	5,643.0	278.3	4.9
Akron .....	359.9	16.6	4.6
Canton-Massillon .....	201.0	10.8	5.4
Cincinnati .....	819.6	34.8	4.2
Cleveland-Lorain-Elyria .....	1,104.4	57.4	5.2
Columbus .....	794.0	24.8	3.1
Dayton-Springfield .....	474.4	21.3	4.5
Hamilton-Middletown .....	166.6	6.9	4.1
Lima .....	76.6	4.6	8.1
Mansfield .....	84.3	5.1	8.1
Steubenville-Weirton .....	57.5	3.8	6.3
Toledo .....	313.5	15.1	4.8
Youngstown-Warren .....	282.7	18.0	6.4
<b>Oklahoma</b> .....	1,576.6	64.0	4.1
Enid .....	26.9	.9	3.4
Lawton .....	40.9	1.9	4.8
Oklahoma City .....	516.0	17.4	3.4
Tulsa .....	367.5	12.9	3.3
<b>Oregon</b> .....	1,721.1	101.7	5.9
Eugene-Springfield .....	159.0	9.2	5.8
Medford-Ashland .....	85.9	7.1	8.3
Portland-Vancouver .....	1,003.7	45.5	4.5
Salem .....	163.6	9.3	5.7
<b>Pennsylvania</b> .....	5,903.3	313.0	5.3
Allentown-Bethlehem-Easton .....	303.7	16.6	5.5
Altoona .....	62.1	3.5	5.7
Erie .....	139.3	6.1	5.6
Harrisburg-Lebanon-Carlisle .....	345.3	11.6	3.4
Johnstown .....	106.3	8.4	7.9
Lancaster .....	235.8	7.7	3.3
Philadelphia .....	2,462.8	130.0	5.3
Pittsburgh .....	1,146.8	57.3	5.0
Reading .....	180.1	7.8	4.3
Scranton-Wilkes-Barre-Hazleton .....	310.7	22.1	7.1
Sharon .....	55.5	2.4	4.4
State College .....	65.1	1.9	2.9
Williamsport .....	57.8	3.7	6.5
York .....	192.8	6.4	4.3
<b>Rhode Island</b> .....	495.6	25.5	5.1
Providence-Fall River-Warwick .....	569.6	31.9	5.6

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
1996			
<b>South Carolina</b> .....	1,848.0	110.7	6.0
Charleston-North Charleston .....	241.5	13.3	5.5
Columbia .....	258.6	9.6	3.7
Greenville-Spartanburg-Anderson .....	469.6	20.2	4.3
<b>South Dakota</b> .....	389.6	12.5	3.2
Rapid City .....	45.3	1.5	3.3
Sioux Falls .....	93.7	2.0	2.1
<b>Tennessee</b> .....	2,750.7	141.7	5.2
Chattanooga .....	220.9	10.1	4.6
Johnson City-Kingsport-Bristol .....	228.6	11.3	4.9
Knoxville .....	345.9	14.6	4.2
Memphis .....	536.1	23.4	4.4
Nashville .....	619.7	20.4	3.3
<b>Texas</b> .....	9,748.3	548.6	5.6
Abilene .....	60.5	3.0	4.9
Amarillo .....	112.4	4.4	3.9
Austin-San Marcos .....	634.1	19.0	3.0
Beaumont-Port Arthur .....	180.9	16.5	9.1
Brazoria .....	105.7	7.1	6.7
Brownsville-Harlingen-San Benito .....	124.3	15.6	12.6
Bryan-College Station .....	69.5	1.7	2.5
Corpus Christi .....	178.9	15.0	8.4
Dallas .....	1,757.9	70.9	4.0
El Paso .....	290.4	33.6	11.6
Fort Worth-Arlington .....	839.2	33.0	3.9
Galveston-Texas City .....	127.3	10.3	8.1
Houston .....	2,017.3	105.5	5.2
Killeen-Temple .....	113.0	5.5	4.8
Laredo .....	69.2	8.8	12.7
Longview-Marshall .....	102.9	7.9	7.7
Lubbock .....	122.2	4.8	3.9
McAllen-Edinburg-Mission .....	189.9	36.0	19.0
Odessa-Midland .....	120.2	6.8	5.7
San Angelo .....	50.8	1.8	3.5
San Antonio .....	732.0	31.7	4.3
Sherman-Denison .....	49.3	2.4	4.8
Texarkana .....	57.4	4.2	7.4
Tyler .....	87.0	5.6	6.4
Victoria .....	41.9	2.1	5.1
Waco .....	100.0	4.5	4.4
Wichita Falls .....	66.0	3.0	4.5
<b>Utah</b> .....	996.4	34.7	3.5
Provo-Orem .....	147.6	4.3	2.9
Salt Lake City-Ogden .....	642.2	20.5	3.2
<b>Vermont</b> .....	324.4	14.8	4.6
Burlington .....	96.4	3.0	3.2
<b>Virginia</b> .....	3,389.5	149.5	4.4
Charlottesville .....	71.5	1.8	2.6
Danville .....	56.8	4.2	7.4
Lynchburg .....	102.2	3.8	3.7
Norfolk-Virginia Beach-Newport News .....	715.9	34.5	4.8
Richmond-Petersburg .....	489.6	18.2	3.7
Roanoke .....	127.8	3.7	2.9
<b>Washington</b> .....	2,867.0	187.7	6.5
Spokane .....	201.6	11.7	5.8
Tacoma .....	319.0	19.8	8.2
Seattle-Bellevue-Everett .....	1,277.8	63.5	5.0

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
1996			
<b>West Virginia</b> .....	807.5	60.5	7.5
Charleston .....	130.3	7.1	5.4
Huntington-Ashland .....	136.2	9.7	7.1
Parkersburg-Marietta .....	77.0	4.8	6.2
Wheeling .....	72.6	4.1	5.7
<b>Wisconsin</b> .....	2,917.6	103.0	3.5
Appleton-Oshkosh-Neenah .....	220.7	6.2	2.8
Eau Claire .....	79.7	3.0	3.7
Green Bay .....	130.3	4.0	3.0
Janesville-Beloit .....	76.7	3.0	3.6
Kenosha .....	76.4	2.7	3.5
La Crosse .....	71.4	2.2	3.1
Madison .....	257.0	4.3	1.7
Milwaukee-Waukesha .....	802.3	27.6	3.4
Racine .....	94.1	4.0	4.2
Sheboygan .....	61.7	1.7	2.8
Wausau .....	71.2	2.8	3.9
<b>Wyoming</b> .....	257.6	12.9	5.0
Casper .....	33.0	2.1	6.4
<b>Puerto Rico</b> .....	1,284.4	171.9	13.4
Caguas .....	110.2	13.6	12.4
Mayaguez .....	92.3	14.4	15.6
Ponce .....	109.3	20.0	18.3
San Juan-Bayamon .....	699.9	74.3	10.6

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



# Area Definitions

**Area definitions**

State and area	Type of area	Definition
<b>Alabama</b>		
Birmingham .....	MSA	Blount, Jefferson, St. Clair, and Shelby Counties
Huntsville .....	MSA	Limestone and Madison Counties
Mobile .....	MSA	Baldwin and Mobile Counties
Montgomery .....	MSA	Autauga, Elmore, and Montgomery Counties
Tuscaloosa .....	MSA	Tuscaloosa County
<b>Alaska</b>		
Anchorage .....	MSA	Anchorage Borough
<b>Arizona</b>		
Phoenix-Mesa .....	MSA	Maricopa and Pinal Counties
Tucson .....	MSA	Pima County
<b>Arkansas</b>		
Fayetteville-Springdale-Rogers .....	MSA	Benton and Washington Counties
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>		
Bakersfield .....	MSA	Kern County
Fresno .....	MSA	Fresno and Madera Counties
Los Angeles-Long Beach .....	PMSA	Los Angeles County
Modesto .....	MSA	Stanislaus County
Oakland .....	PMSA	Alameda and Contra Costa Counties
Orange County .....	PMSA	Orange County
Riverside-San Bernardino .....	PMSA	Riverside and San Bernardino Counties
Sacramento .....	PMSA	El Dorado, Placer, and Sacramento Counties
Salinas .....	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 .....	PMSA	Sonoma County
Stockton-Lodi .....	MSA	San Joaquin County
Vallejo-Fairfield-Napa .....	PMSA	Napa and Solano Counties
Ventura .....	PMSA	Ventura County
<b>Colorado</b>		
Boulder-Longmont .....	PMSA	Boulder County
Colorado Springs .....	MSA	El Paso County
Denver .....	PMSA	Adams, Arapahoe, Denver, Douglas, and Jefferson Counties
<b>Connecticut</b>		
Bridgeport .....	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
Danbury .....	PMSA	Danbury city and Bethel, Brookfield, New Fairfield, Newton, Redding, Ridgefield, and Sherman towns in Fairfield County; Bridgewater, New Milford, Roxbury, and Washington towns in Litchfield County
Hartford .....	MSA	Bristol, Hartford, and New Britain cities, and Avon, Berlin, Bloomfield, Burlington, Canton, East Granby, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Granby, Manchester, Marlborough, Newington, Plainville, Rocky Hill, Simsbury, Southington, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Barkhamsted, Harwinton, New Hartford, Plymouth, and Winchester towns in Litchfield County; Middletown city, and Cromwell, Durham, East Haddam, East Hampton, Haddam, Middlefield, and Portland towns in Middlesex County; Colchester and Lebanon towns in New London County; Andover, Bolton, Columbia, Coventry, Ellington, Hebron, Mansfield, Somers, Stafford, Tolland, Vernon, and Willington towns in Tolland County; Ashford, Chaplin, and Windham towns in Windham County
New Haven-Meriden .....	PMSA	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
New London-Norwich .....	MSA	Old Saybrook town in Middlesex County; New London and Norwich cities, and Bozrah, East Lyme, Franklin, Griswold, Groton, Ledyard, Lisbon, Montville, North Stonington, Old Lyme, Preston, Salem, Sprague, Stonington, and Waterford towns in New London County; Canterbury and Plainfield towns in Windham County; Hopkinton and Westerly towns in Washington County, R.I.
Stamford-Norwalk .....	PMSA	Norwalk and Stamford cities, and Darien, Greenwich, New Canaan, Weston, Westport, and Wilton towns in Fairfield County
Waterbury .....	PMSA	Bethlehem, Thomaston, Watertown, and Woodbury towns in Litchfield County; Waterbury city, Naugatuck borough, and Middlebury, Prospect, Southbury, and Wolcott towns in New Haven County

**Area definitions—Continued**

State and area	Type of area	Definition
<b>Delaware</b>		
Dover .....	MSA	Kent County
Wilmington-Newark .....	PMSA	New Castle County, Del.; Cecil County, Md.
<b>District of Columbia</b>		
Washington .....	PMSA	District of Columbia; Calvert, Charles, Frederick, Montgomery, and Prince George's Counties, Md.; Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, and Manassas Park cities, and Arlington, Clarke, Culpeper, Fairfax, Fauquier, King George, Loudoun, Prince William, Spotsylvania, Stafford, and Warren Counties, Va.; Berkeley and Jefferson Counties, W. Va.
<b>Florida</b>		
Daytona Beach .....	MSA	Flagler and Volusia Counties
Fort Lauderdale .....	PMSA	Broward County
Fort Myers-Cape Coral .....	MSA	Lee County
Gainesville .....	MSA	Alachua County
Jacksonville .....	MSA	Clay, Duval, Nassau, and St. Johns Counties
Lakeland-Winter Haven .....	MSA	Polk County
Melbourne-Titusville-Palm Bay .....	MSA	Brevard County
Miami .....	PMSA	Dade County
Orlando .....	MSA	Lake, Orange, Osceola, and Seminole Counties
Pensacola .....	MSA	Escambia and Santa Rosa Counties
Sarasota-Bradenton .....	MSA	Manatee and Sarasota Counties
Tallahassee .....	MSA	Gadsden and Leon Counties
Tampa-St. Petersburg-Clearwater .....	MSA	Hernando, Hillsborough, Pasco, and Pinellas Counties
West Palm Beach-Boca Raton .....	MSA	Palm Beach County
<b>Georgia</b>		
Albany .....	MSA	Dougherty and Lee Counties
Athens .....	MSA	Clarke, Madison, and Oconee Counties
Atlanta .....	MSA	Barrow, Bartow, Carroll, Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Pickens, Rockdale, Spalding, and Walton Counties
Augusta-Aiken .....	MSA	Columbia, McDuffie, and Richmond Counties, Ga.; Aiken and Edgefield Counties, S.C.
Columbus .....	MSA	Chattahoochee, Harris, and Muscogee Counties, Ga.; Russell County, Ala.
Macon .....	MSA	Bibb, Houston, Jones, Peach, and Twiggs Counties
Savannah .....	MSA	Bryan, Chatham, and Effingham Counties
<b>Hawaii</b>		
Honolulu .....	MSA	Honolulu County
<b>Idaho</b>		
Boise City .....	MSA	Ada and Canyon Counties
<b>Illinois</b>		
Bloomington-Normal .....	MSA	McLean County
Champaign-Urbana .....	MSA	Champaign County
Chicago .....	PMSA	Cook, DeKalb, Du Page, Grundy, Kane, Kendall, Lake, McHenry, and Will Counties
Davenport-Moline-Rock Island .....	MSA	Henry and Rock Island Counties, Ill.; Scott County, Iowa
Decatur .....	MSA	Macon County
Kankakee .....	PMSA	Kankakee County
Peoria-Pekin .....	MSA	Peoria, Tazewell, and Woodford Counties
Rockford .....	MSA	Boone, Ogle, and Winnebago Counties
Springfield .....	MSA	Menard and Sangamon Counties
<b>Indiana</b>		
Bloomington .....	MSA	Monroe County
Elkhart-Goshen .....	MSA	Elkhart County
Evansville-Henderson .....	MSA	Posey, Vanderburgh, and Warrick Counties, Ind.; Henderson County, Ky.
Fort Wayne .....	MSA	Adams, Allen, DeKalb, Huntington, Wells, and Whitley Counties
Gary .....	PMSA	Lake and Porter Counties
Indianapolis .....	MSA	Boone, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, and Shelby Counties
Kokomo .....	MSA	Howard and Tipton Counties
Lafayette .....	MSA	Clinton and Tippecanoe Counties
Muncie .....	MSA	Delaware County
South Bend .....	MSA	St. Joseph County
Terre Haute .....	MSA	Clay, Vermillion, 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

**Area definitions—Continued**

State and area	Type of area	Definition
<b>New Jersey—Continued</b>		
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, Union, and Warren Counties
Trenton .....	PMSA	Mercer County
Vineland-Millville-Bridgeton .....	PMSA	Cumberland County
<b>New Mexico</b>		
Albuquerque .....	MSA	Bernalillo, Sandoval, and Valencia Counties
Las Cruces .....	MSA	Dona Ana County
Sante Fe .....	MSA	Los Alamos and Sante Fe Counties
<b>New York</b>		
Albany-Schenectady-Troy .....	MSA	Albany, Montgomery, Rensselaer, Saratoga, Schenectady, and Schoharie Counties
Binghamton .....	MSA	Broome and Tioga Counties
Buffalo-Niagara Falls .....	MSA	Erie and Niagara Counties
Dutchess County .....	PMSA	Dutchess County
Elmira .....	MSA	Chemung County
Glens Falls .....	MSA	Warren and Washington Counties
Nassau-Suffolk .....	PMSA	Nassau and Suffolk Counties
New York .....	PMSA	Bronx, Kings, New York, Putnam, Queens, Richmond, Rockland, and Westchester Counties
New York City .....		Bronx, Kings, New York, Queens, and Richmond Counties
Newburgh .....	PMSA	Orange County, N.Y.; Pike County, Pa.
Rochester .....	MSA	Genesee, Livingston, Monroe, Ontario, Orleans, and Wayne Counties
Rockland County .....		Rockland County
Syracuse .....	MSA	Cayuga, Madison, Onondaga, and Oswego Counties
Utica-Rome .....	MSA	Herkimer and Oneida Counties
Westchester County .....		Westchester County
<b>North Carolina</b>		
Asheville .....	MSA	Buncombe and Madison Counties
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	Alamance, Davidson, Davie, Forsyth, Guilford, Randolph, Stokes, and Yadkin Counties
Raleigh-Durham-Chapel Hill .....	MSA	Chatham, Durham, Franklin, Johnston, 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, N.D.; Polk County, Minn.
<b>Ohio</b>		
Akron .....	PMSA	Portage and Summit Counties
Canton-Massillon .....	MSA	Carroll and Stark Counties
Cincinnati .....	PMSA	Brown, Clermont, Hamilton, and Warren Counties, Ohio; Boone, Campbell, Gallatin, Grant, Kenton, and Pendleton Counties, Ky.; Dearborn and Ohio Counties, Ind.
Cleveland-Lorain-Elyria .....	PMSA	Ashtabula, Cuyahoga, Geauga, Lake, Lorain, and Medina Counties
Columbus .....	MSA	Delaware, Fairfield, Franklin, Licking, Madison, and Pickaway Counties
Dayton-Springfield .....	MSA	Clark, Greene, Miami, and Montgomery Counties
Hamilton-Middletown .....	PMSA	Butler County
Lima .....	MSA	Allan and Auglaize Counties
Mansfield .....	MSA	Crawford and Richland Counties
Steubenville-Weirton .....	MSA	Jefferson County, Ohio; Brooke and Hancock Counties in W. Va.
Toledo .....	MSA	Fulton, Lucas, and Wood Counties
Youngstown-Warren .....	MSA	Columbiana, 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
Medford-Ashland .....	MSA	Jackson County
Portland-Vancouver .....	PMSA	Clackamas, Columbia, Multnomah, Washington, and Yamhill Counties, Ore.; Clark County, Wash.
Salem .....	PMSA	Marion and Polk Counties
<b>Pennsylvania</b>		
Allentown-Bethlehem-Easton .....	MSA	Carbon, Lehigh, and Northampton Counties
Altoona .....	MSA	Blair County

**Area definitions—Continued**

State and area	Type of area	Definition
<b>Pennsylvania—Continued</b>		
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, Gloucester, and Salem Counties, N.J.
Philadelphia City .....		Philadelphia County
Pittsburgh .....	MSA	Allegheny, Beaver, Butler, Fayette, Washington, and Westmoreland Counties
Reading .....	MSA	Berks County
Scranton–Wilkes–Barre–Hazleton .....	MSA	Columbia, Lackawanna, Luzerne, and Wyoming Counties
Sharon .....	MSA	Mercer County
State College .....	MSA	Centre County
Williamsport .....	MSA	Lycoming County
York .....	MSA	York County
<b>Puerto Rico</b>		
Caguas .....	PMSA	Caguas, Cayey, Cidra, Gurabo, and San Lorenzo Municipios
Mayaguez .....	MSA	Anasco, Cabo Rojo, Hormigueros, Mayaguez, Sabana Grande, and San German Municipios
Ponce .....	MSA	Guayanilla, Juana Diaz, Penuelas, Ponce, Villalba, and Yauco Municipios
San Juan–Bayamon .....	PMSA	Agua Buenas, Barceloneta, Bayamon, Canovanas, Carolina, Catano, Ceiba, Comerio, Corozal, Dorado, Fajardo, Florida, Guaynabo, Humacao, Juncos, Las Piedras, Loiza, Luquillo, Manati, Morovis, Naguabo, Naranjito, Rio Grande, San Juan, Toa Alta, Toa Baja, Trujillo Alto, Vega Alta, Vega Baja, and Yabucoa Municipios
<b>Rhode Island</b>		
Providence–Fall River–Warwick .....	MSA	Barrington, Bristol, and Warren towns in Bristol County; Warwick city, and Coventry, East Greenwich, West Greenwich, and West Warwick towns in Kent County; Jamestown, Little Compton, and Tiverton towns in Newport County; Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, Foster, Gloucester, Johnston, Lincoln, North Providence, North Smithfield, Scituate, and Smithfield towns in Providence County; Charlestown, Exeter, Narragansett, North Kingstown, Richmond, and South Kingstown towns in Washington County, R.I.; Attleboro and Fall River cities, and North Attleboro, Rehoboth, Seekonk, Somerset, Swansea, and Westport towns in Bristol County, Mass.
<b>South Carolina</b>		
Charleston–North Charleston .....	MSA	Berkeley, Charleston, and Dorchester Counties
Columbia .....	MSA	Lexington and Richland Counties
Greenville–Spartanburg–Anderson .....	MSA	Anderson, Cherokee, Greenville, Pickens, and Spartanburg Counties
<b>South Dakota</b>		
Rapid City .....	MSA	Pennington County
Sioux Falls .....	MSA	Lincoln and Minnehaha Counties
<b>Tennessee</b>		
Chattanooga .....	MSA	Hamilton and Marion Counties, Tenn.; Catoosa, Dade, and Walker Counties, Ga.
Johnson City–Kingsport–Bristol .....	MSA	Carter, Hawkins, Sullivan, Unicoi, and Washington Counties, Tenn.; Bristol city, and Scott and Washington Counties, Va.
Knoxville .....	MSA	Anderson, Blount, Knox, Loudon, Sevier, and Union Counties
Memphis .....	MSA	Fayette, Shelby, and Tipton Counties, Tenn.; Crittenden County, Ark.; DeSoto County, Miss.
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–San Marcos .....	MSA	Bastrop, Caldwell, Hays, Travis, and Williamson Counties
Beaumont–Port Arthur .....	MSA	Hardin, Jefferson, and Orange Counties
Brazoria .....	PMSA	Brazoria County
Brownsville–Harlingen–San Benito .....	MSA	Cameron County
Bryan–College Station .....	MSA	Brazos County
Corpus Christi .....	MSA	Nueces and San Patricio Counties
Dallas .....	PMSA	Collin, Dallas, Denton, Ellis, Henderson, Hunt, Kaufman, and Rockwall Counties
El Paso .....	MSA	El Paso County
Fort Worth–Arlington .....	PMSA	Hood, Johnson, Parker, and Tarrant Counties
Galveston–Texas City .....	PMSA	Galveston County
Houston .....	PMSA	Chambers, Fort Bend, Harris, Liberty, Montgomery, and Waller Counties
Killeen–Temple .....	MSA	Bell and Coryell Counties
Laredo .....	MSA	Webb County
Longview–Marshall .....	MSA	Gregg, Harrison, and Upshur Counties
Lubbock .....	MSA	Lubbock County
McAllen–Edinburg–Mission .....	MSA	Hidalgo County
Odessa–Midland .....	MSA	Ector and Midland Counties

**Area definitions—Continued**

State and area	Type of area	Definition
<b>Texas—Continued</b>		
San Angelo .....	MSA	Tom Green County
San Antonio .....	MSA	Bexar, Comal, Guadalupe, and Wilson Counties
Sherman-Denison .....	MSA	Grayson County
Texarkana .....	MSA	Bowie County, Tex.; Miller County, Ark.
Tyler .....	MSA	Smith County
Victoria .....	MSA	Victoria County
Waco .....	MSA	McLennan County
Wichita Falls .....	MSA	Archer and Wichita Counties
<b>Utah</b>		
Provo-Orem .....	MSA	Utah County
Salt Lake City-Ogden .....	MSA	Davis, Salt Lake, and Weber Counties
<b>Vermont</b>		
Barre-Montpelier .....		East Granville town in Addison County; Groton and Ryegate towns in Caledonia County; Bolton and Huntington towns in Chittenden County; Bradford, Braintree, Brookfield, Chelsea, Corinth, Fairlee, Newbury, Orange, Randolph, Topsham, Vershire, Washington, West Fairlee and Williamstown towns in Orange County; and Barre city and Barre, Berlin, Cabot, Calais, Duxbury, East Montpelier, Fayston, Marshfield, Middlesex, Montpelier, Moretown, Northfield, Plainfield, Roxbury, Waitsfield, Warren, and Waterbury towns in Washington County
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; St. Albans city, and Fairfax, Georgia, St. Albans, and Swanton towns in Franklin County; Grand Isle and South Hero towns in Grand Isle County
<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	Bedford and Lynchburg cities, and Amherst, Bedford, and Campbell Counties
Norfolk-Virginia Beach-Newport News .....	MSA	Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg cities, and Gloucester, Isle of Wight, James City, Mathews, and York Counties, Va.; Currituck County, N.C.
Northern Virginia .....		Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, and Manassas Park cities, and Arlington, Clarke, Culpeper, Fairfax, Fauquier, King George, Loudoun, Prince William, Spotsylvania, Stafford, and Warren 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-Bellevue-Everett .....	PMSA	Island, King, and Snohomish Counties
Spokane .....	MSA	Spokane County
Tacoma .....	PMSA	Pierce County
<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, Wisc.; Houston County, Minn.
Madison .....	MSA	Dane County
Milwaukee-Waukesha .....	PMSA	Milwaukee, Ozaukee, Washington, and Waukesha Counties
Racine .....	PMSA	Racine County
Sheboygan .....	MSA	Sheboygan County
Wausau .....	MSA	Marathon County
<b>Wyoming</b>		
Casper .....	MSA	Natrona County

<sup>1</sup> This is not the official Office of Management and Budget (OMB) Missouri. definition. Excluded is the part of Sullivan City in Crawford County,

# Explanatory Notes and Estimates of Error

## 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 the Current Population Survey (CPS), 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, classified by such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 50,000 households (beginning with January 1996 data) located in 754 sample areas. These areas are chosen to represent all counties and independent cities in the U.S., 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 and telephone interviews by the Bureau of Labor Statistics, in cooperation with State agencies. The Current Employment Statistics (CES) survey is designed to provide industry information on nonfarm wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of about 390,000 establishments employing over 47 million nonfarm wage and salary workers. The data relate to all workers, full or part time, who receive pay during the payroll period which includes the 12th of the month.

### RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

Data from these two sources differ from each other because of variations in definitions and coverage, source 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 data 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, and unpaid workers who worked 15 hours or more during the reference week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonfarm 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. 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 reference week—that is, were not working but had jobs from which they were temporarily absent because of illness, vacation, bad weather, childcare problems, 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 those on leave without pay for the entire payroll period are not.

### Hours of work

The household survey measures hours worked for all workers whereas the payroll survey measures hours for private production and nonsupervisory workers paid for by employers. In the household survey, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours at work. In the pay-

roll 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 the 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 various earnings series available from the household and establishment surveys, see *BLS Measures of Compensation*, BLS Bulletin 2239 (1986).

### **COMPARABILITY OF HOUSEHOLD DATA WITH OTHER SERIES**

*Unemployment insurance data.* The unemployed total from the household survey includes all persons who did not have a job during the reference week, were currently available for a job, 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 U.S. Department of Labor, exclude, in addition to otherwise ineligible persons who do not file claims for benefits, 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).

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 Unemploy-

ment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

*Agricultural employment estimates of the U.S. Department of Agriculture.* The principal differences in coverage are the inclusion of persons under 16 in the National Agricultural 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 data 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 PAYROLL EMPLOYMENT DATA WITH OTHER SERIES**

*Statistics on manufacturers and business, Bureau of the Census.* BLS establishment statistics on employment differ from employment counts derived by the Bureau of the 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, Bureau of the Census.* Data in *County Business Patterns* (CBP) 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 most of government, and coverage is incomplete for some of the nonprofit agencies.

*Employment covered by State unemployment insurance programs.* Most nonfarm wage and salary workers are covered by the unemployment insurance programs. However, some employees, such as those working in parochial schools and churches, are not covered by unemployment insurance, whereas they are included in the BLS establishment statistics.



# Household Data

## ("A" tables, monthly; "D" tables, quarterly)

### COLLECTION AND COVERAGE

Statistics on the employment status of the population and related data are compiled by BLS using data from the Current Population Survey (CPS). This monthly survey of households is conducted for BLS by the Bureau of the Census through 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 day of the month. This is known as the "reference week." Actual field interviewing is conducted in the following week, referred to as the "survey week."

Each month about 50,000 occupied units are eligible for interview. Some 3,200 of these households are contacted 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 that ranges between 6 and 7 percent. In addition to the 50,000 occupied units, there are about 9,000 sample units in an average month which are visited but found to be vacant or otherwise not eligible for enumeration. Part of the sample is changed each month. The rotation plan, as will be explained later, provides for three-fourths of the sample to be common from one 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 in use as of January 1994 are as follows:

*Civilian noninstitutional population.* Included are persons 16 years of age and older residing in the 50 States and the District of Columbia who are not inmates of institutions (e.g., penal and mental facilities, homes for the aged), and who are not on active duty in the Armed Forces.

*Employed persons.* All persons who, during the reference week, (a) did any work at all (at least 1 hour) as paid employees, worked 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 vacation, illness, bad weather, child-care problems, maternity or paternity leave, labor-management dispute, job training, or other family or personal reasons,

whether or not they were paid for the time off or were seeking other jobs.

Each employed person is counted only once, even if he or she holds more than one job. For purposes of occupation and industry classification, multiple jobholders are counted in the job at which they worked the greatest number of hours during the reference 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 their own house (painting, repairing, or own home housework) or volunteer work for religious, charitable, and other organizations.

*Unemployed persons.* All persons who had no employment during the reference week, were available for work, except for temporary illness, and had made specific efforts to find employment some time during the 4-week-period ending with the reference week. Persons who were waiting to be recalled to a job from which they had been laid off need not have been looking for work to be classified as unemployed.

*Duration of unemployment.* This represents the length of time (through the current reference week) that persons classified as unemployed had been looking for work. For persons on layoff, duration of unemployment represents the number of full weeks they had been on layoff. Mean duration is the arithmetic average computed from single weeks of unemployment; median duration is the midpoint of a distribution of weeks of unemployment.

*Reason for 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 five major groups: (1) *Job losers*, comprised of (a) persons on temporary layoff, who have been given a date to return to work or who expect to return within 6 months (persons on layoff need not be looking for work to qualify as unemployed), and (b) permanent job losers, whose employment ended involuntarily and who began looking for work; (2) *Job leavers*, persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work; (3) *Persons who completed temporary jobs*, who began looking for work after the jobs ended; (4) *Reentrants*, persons who previously worked but were out of the labor force prior to beginning their job search; and (5) *New entrants*, persons who never worked. Each of these five categories of the unemployed can be expressed as a proportion of the entire civilian labor force; the sum of the four rates thus equals the unemployment rate for all civilian workers. (For statistical presentation purposes, "job losers" and "persons who completed temporary jobs" are combined into a

single category until seasonal adjustments can be developed for the separate categories.)

**Jobseekers.** All unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week are classified as jobseekers. Jobseekers do not include persons classified as on temporary layoff, who although often looking for work, are not required to do so to be classified as unemployed. Jobseekers are grouped by the methods used to seek work. Only active methods—which have the potential to result in a job offer without further action on the part of the jobseeker—qualify as job search. Examples include going to an employer directly or to a public or private employment agency, seeking assistance from friends or relatives, placing or answering ads, or using some other active 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. Passive methods, which do not qualify as job search, include reading (as opposed to answering or placing) “help wanted” ads and taking a job training course.

**Labor force.** This group comprises all persons classified as employed or unemployed in accordance with the criteria described above.

**Unemployment rate.** The unemployment rate represents the number unemployed as a percent of the labor force.

**Participation rate.** This represents the proportion of the population that is in the labor force.

**Employment-population ratio.** This represents the proportion of the population that is employed.

**Not in the labor force.** Included in this group are all persons in the civilian noninstitutional population who are neither employed nor unemployed. Information is collected on their desire for and availability to take a job at the time of the CPS interview, job search activity in the prior year, and reason for not looking in the 4-week period prior to the survey week. This group includes discouraged workers, defined as persons not in the labor force who want and are available for a job and who have looked for work sometime in the past 12 months (or since the end of their last job if they held one within the past 12 months), but are not currently looking, because they believe there are no jobs available or there are none for which they would qualify.

Persons classified as not in the labor force who are in the sample for either their fourth or eighth month are asked additional questions relating to job history and workseeking intentions. These latter data are available on a quarterly basis.

**Occupation, industry, and class of worker.** This information for the employed applies to the job held in the reference week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours. The unemployed are classified according to their last job.

The occupational and industrial classification of CPS data is based on the coding systems used in the 1990 census.

The class-of-worker breakdown assigns workers to the following categories: Private and government wage and salary workers, self-employed workers, and unpaid family workers. Wage and salary workers receive wages, salary, commissions, 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, trade, or farm. Only the unincorporated self-employed are included in the self-employed category in the class of worker typology. Self-employed persons who respond that their businesses are incorporated are included among wage and salary workers, because technically, they are paid employees of a corporation. 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.

**Multiple jobholders.** These are employed persons who, during the reference week, had either two or more jobs as a wage and salary worker, were self-employed and also held a wage and salary job, or worked as an unpaid family worker and also held a wage and salary job. A person employed only in private households (cleaner, gardener, babysitter, etc.) who worked for two or more employers during the reference week is not counted as a multiple jobholder, since working for several employers is considered an inherent characteristic of private household work. Also excluded are self-employed persons with multiple businesses and persons with multiple jobs as unpaid family workers.

**Hours of work.** These statistics relate to the actual number of hours worked during the reference 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 published figures relate to the number of hours worked in all jobs during the week; all the hours are credited to the major job. Unpublished data are available for the hours worked in each job and for usual hours.

**At work part time for economic reasons.** Sometimes referred to as involuntary part time, this category refers to individuals who gave an economic reason for working 1 to 34 hours during the reference week. Economic reasons include slack work or unfavorable business conditions, inability to find full-time work, and seasonal declines in demand. Those who usually work part time must also indicate that they want and are available to work full time to be classified as on part time for economic reasons.

**At work part time for noneconomic reasons.** This group includes those persons who usually work part time and were at work 1 to 34 hours during the reference week for a noneconomic reason. Noneconomic reasons include, for ex-

ample: Illness or other medical limitations, child-care problems or other family or personal obligations, school or training, retirement or Social Security limits on earnings, and being in a job where full-time work is less than 35 hours. The group also includes those who gave an economic reason for usually working 1 to 34 hours but said they do not want to work full time or were unavailable for such work.

*Usual full- or part-time status.* Data on persons "at work" exclude persons who were temporarily absent from a job and therefore classified 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. In order to differentiate a person's normal schedule from their activity during the reference week, persons are also classified according to their usual full- or part-time status. In this context, *full-time workers* are those who usually worked 35 hours or more (at all jobs combined). This group will include some individuals who worked less than 35 hours in the reference week for either economic or noneconomic reasons and those who are temporarily absent from work. Similarly, *part-time workers* are those who usually work less than 35 hours per week (at all jobs), regardless of the number of hours worked in the reference week. This may include some individuals who actually worked more than 34 hours in the reference week, as well as those who are temporarily absent from work. The *full-time labor force* includes all employed persons who usually work full time and unemployed persons who are either looking for full-time work or are on layoff from full-time jobs. The *part-time labor force* consists of employed persons who usually work part time and unemployed persons who are seeking or are on layoff from part-time jobs. Unemployment rates for full- and part-time workers are calculated using the concepts of the *full- and part-time labor force*.

*White, black, and other.* These are terms used to describe the race of persons. Included in the "other" group are American Indians, Alaskan Natives, and Asians and Pacific Islanders. Because of the relatively small sample size, data for "other" races are not published. In the enumeration process, race is determined by the household respondent.

*Hispanic origin.* This refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican, 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.* These are persons who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Published data are limited to men in the civilian noninstitutional population; i.e., veterans in institutions and women are excluded. Nonveterans are persons who never served in the Armed Forces.

*Usual weekly earnings.* Data represent earnings before taxes and other deductions, and include any overtime pay, commissions, or tips usually received (at the main job in the case of multiple jobholders.) Earnings reported on a basis other than weekly (e.g., annual, monthly, hourly) are converted to weekly. 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 self-employed persons who respond that their business's were incorporated) who usually work full time on their sole or primary job.

*Median earnings.* These figures indicate the value which divides the earnings distribution into two equal parts, one part having 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.* These are the 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 living in 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 relates to persons who are separated due to marital problems, as well as husbands and wives who are living apart because one or the other was employed elsewhere, on duty with the Armed Forces, or any other reasons.

*Household.* A household consists of all persons—related family members and all unrelated persons—who occupy a housing unit and have no other usual address. 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.* A family is defined as 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. 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 person

maintaining the family is either self-employed or in the Armed Forces.

## HISTORICAL COMPARABILITY

### Changes in concepts and methods

While current survey concepts and methods are very similar to those introduced at the inception of the survey in 1940, a number of changes have been made over the years to improve the accuracy and usefulness of the data. Some of the most important changes include:

- In 1945, the questionnaire was radically changed with the introduction of four basic employment questions. Prior to that time, the survey did not contain specific question wording, but rather relied on a complicated scheme of activity prioritization.

- In 1953, the current 4-8-4 rotation system was adopted, whereby households are interviewed for 4 consecutive months, leave the sample for 8 months, and then return to the sample for the same 4 months of the following year. Before this system was introduced, households were interviewed for 6 consecutive months and then replaced. The new system provided some year-to-year overlap in the sample, thereby improving measurement over time.

- In 1955, the survey reference week was changed to the calendar week including the 12th day of the month, for greater consistency with the reference period used for other labor-related statistics. Previously, the calendar week containing the 8th day of the month had been used as the reference week.

- In 1957, the employment definition was modified slightly as a result of a comprehensive interagency review of labor force concepts and methods. Two relatively small groups of persons classified as employed, under "with a job but not at work," were assigned to different classifications. Persons on layoff with definite instructions to return to work within 30 days of the layoff date, and persons volunteering that they were waiting to start a new wage and salary job within 30 days of interview, were, for the most part, reassigned to the unemployed classification. The only exception was the small subgroup in school during the reference week but waiting to start new jobs, which was transferred to not in the labor force.

- In 1967, more substantive changes were made as a result of the recommendations of the President's Committee to Appraise Employment and Unemployment Statistics (the Gordon Committee). The principal improvements were as follows:

- a) A 4-week job search period and specific questions on jobseeking activity were introduced. Previously, the questionnaire was ambiguous as to the time period for jobseeking and there were no specific questions concerning job search methods.

- b) An availability test was introduced whereby a person must be currently available for work in order to be classified as unemployed. Previously, there was no such requirement. This revision to the concept mainly affected students, who, for example, may begin to look for summer jobs in the spring although they will not be available until June or July. Such persons, until 1967, had been classified as unemployed but since have been assigned to the "not in the labor force" category.

- c) Persons "with a job but not at work" because of strikes, bad weather, etc., who volunteered that they were looking for work, were shifted from unemployed status to employed.

- d) The lower age limit for official statistics on employment, unemployment, and other labor force concepts was raised from 14 to 16 years. Historical data for most major series have been revised to provide consistent information based on the new minimum age limit.

- e) New questions were added to obtain additional information on persons not in the labor force, including those referred to as "discouraged workers," defined as persons who indicate that they want a job but are not currently looking because they believe there are no jobs available or none for which they would qualify.

- f) New "probing" questions were added to the questionnaire in order to increase the reliability of information on hours of work, duration of unemployment, and self-employment.

- In 1994, major changes to the Current Population Survey (CPS) were introduced, which included a complete redesign of the questionnaire and the use of computer-assisted interviewing for the entire survey. In addition, there were revisions to some of the labor force concepts and definitions, including the implementation of some changes recommended in 1979 by the National Commission on Employment and Unemployment Statistics (NCEUS, also known as the Levitan Commission). Some of the major changes to the survey were:

- a) The introduction of a redesigned and automated questionnaire. The CPS questionnaire was totally redesigned in order to obtain more accurate, comprehensive, and relevant information, and to take advantage of state-of-the-art computer interviewing techniques.

- b) The addition of two, more objective, criteria to the definition of discouraged workers. Prior to 1994, to be classified as a discouraged worker, a person must have wanted a job and be reported as not currently looking because of a belief that no jobs were available or that there were none for which he or she would qualify. Beginning in 1994, persons classified as discouraged must also have looked for a job within the past year (or since their last job, if they worked during the year), and must have been available for work

during the reference week (a direct question on availability was added in 1994; prior to 1994, availability had been inferred from responses to other questions). These changes were made because the NCEUS and others felt that the previous definition of discouraged workers was too subjective, relying mainly on an individual's stated desire for a job and not on prior testing of the labor market.

c) Similarly, the identification of persons employed part time for economic reasons (working less than 35 hours in the reference week because of poor business conditions or because of an inability to find full-time work) was tightened by adding two new criteria for persons who usually work part time: They must want and be available for full-time work. Previously, such information was inferred. (Persons who usually work full time but worked part time for an economic reason during the reference week are assumed to meet these criteria.)

d) Specific questions were added about the expectation of recall for persons who indicate that they are on layoff. To be classified as "on temporary layoff," persons must expect to be recalled to their jobs. Previously, the questionnaire did not include explicit questions about the expectation of recall.

e) Persons volunteering that they were waiting to start a new job within 30 days must have looked for work in the 4 weeks prior to the survey in order to be classified as unemployed. Previously, such persons did not have to meet the job search requirement in order to be included among the unemployed.

For additional information on changes in CPS concepts and methods, see *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463, October 1976 and "Overhauling the Current Population Survey—Why is it Necessary to Change?," "Redesigning the Questionnaire," and "Evaluating Changes in the Estimates," *Monthly Labor Review*, September 1993, and "Revisions in the Current Population Survey Effective January 1994," in the February 1994 issue of this publication.

### **Noncomparability of labor force levels**

In addition to the refinements in concepts, definitions, and methods made over the years, other changes have also affected the comparability of the labor force data.

- 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.

- 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.

- 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.

- 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; unemployment levels and rates were essentially unchanged.

- In March 1973, a subsequent population adjustment based on the 1970 census was introduced. 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.

- Beginning in January 1974, the method 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 this publication.

- Effective in July 1975, as a result of the large inflow 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, with all of the changes being confined to the "other" component of the 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 this publication.

- 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 adjustment 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 this publication.

- Beginning in January 1982, the second-stage ratio adjustment method was changed. 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 this publication. In addition, current population estimates used in the second-stage estimation procedure were derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in the total population and in the 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 also is described in the February 1982 article cited above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 (described above), and data users should consider them when comparing estimates from different periods.

- Beginning in January 1983, the first-stage ratio adjustment method was updated to incorporate data 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 this publication. There were only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and virtually 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 the 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 method 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 emigrants among legal foreign-born residents 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 population and labor force estimates were raised by about 425,000 and 305,000, respectively, and Hispanic 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 were revised back to January 1980 to the extent possible. An explanation of the changes and their effect on estimates of labor force characteristics appear in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of this publication.

- Beginning in August 1989, the second-stage ratio estimate cells were changed slightly to decrease the chance of very small cells occurring and to be more consistent with published age, sex, race cells. This change had virtually no effect on national estimates.

- Beginning in January 1994, 1990 census-based population controls, adjusted for the estimated undercount, were introduced into the second stage estimation procedure. This change resulted in substantial increases in total population and in all major labor force categories. Effective February 1996, these controls were introduced into the estimates for 1990-93. Under the new population controls, the civilian noninstitutional population for 1990 increased by about 1.1 million, employment by about 880,000, and unemployment by approximately 175,000. The overall unemployment rate rose by about 0.1 percentage point. For further information, see "Revisions in the Current Population Survey Effective January 1994," and "Revisions in Household Survey Data Effective February 1996" in the February 1994 and March 1996 issues, respectively, of this publication.

Additionally, for the period January through May 1994, the composite estimation procedure was suspended due to technical and logistical reasons.

- Beginning in January 1997, the population controls used in the second-stage ratio adjustment method were revised to reflect updated information on the demographic characteristics of immigrants to, and emigrants from, the United States. As a result, the civilian noninstitutional population 16 years and over was raised by about 470,000. The labor force and employment levels were increased by about 320,000, and 290,000, respectively. The Hispanic-origin population and labor force estimates were raised by about 450,000 and 250,000 respectively, and Hispanic employment by 325,000. Overall and subgroup unemployment rates and other percentages of labor market participation were not affected. An explanation of the changes and their effect on national labor force estimates appear in "Revisions in the Current Population Survey Effective January 1997" in the February 1997 issue of this publication.

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

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

Beginning in January 1983, the occupational and industrial classification systems used in the 1980 census were introduced into the CPS. The 1980 census occupational classification system evolved from the Standard Occupational Classification (SOC) system and was 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 was based on the 1972 Standard Industrial Classification (SIC) system, 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 "whole-

sale" 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 this publication.

Beginning in January 1992, the occupational and industrial classification systems used in the 1990 census were introduced into the CPS. (These systems were largely based on the 1980 Standard Occupational Classification (SOC) and 1987 Standard Industrial Classification (SIC) systems, respectively.) There were a few breaks in comparability between the 1980 and 1990 census-based systems, particularly within the "technical, sales, and administrative support" categories. The most notable changes in industry classification were the shift of several industries from "business services" to "professional services" and the splitting of some industries into smaller, more detailed categories. A number of industry titles were changed as well, with no change in content.

### **Sampling**

Since the inception of the survey, there have been various changes in the design of the CPS sample. The sample is traditionally redesigned and a new sample selected after each decennial census. Also, the number of sample areas and the number of sample persons are changed occasionally. Most of these changes are made in order to improve the efficiency of the sample design, increase the reliability of the sample estimates, or control cost.

Changes in this regard since 1960 are as follows: When Alaska and Hawaii received statehood in 1959 and 1960, respectively, three sample areas were added to the existing sample to account for the population of these States. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia, was designed to provide more reliable annual average estimates for States. In October 1978, a coverage improvement sample of approximately 450 sample household units representing 237,000 occupied mobile homes and 600,000 new construction housing units was added. In January 1980, another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, the sample was expanded by 100 households to provide additional coverage in counties added to the Standard Metropolitan Statistical Areas (SMSA's), which were redefined in 1973. In January 1985, a new State-based CPS sample was selected based on 1980 census information. A sample reduction of about 4,000 households was implemented in April 1988; they were reinstated during the 8-month period, April-November 1989. A redesigned CPS sample based on the 1990 decennial census was selected for use during the 1990's. Households from this new sample were phased into the CPS between April 1994 and July 1995. The July 1995 sample was the first monthly sample based

entirely on the 1990 census. For further information on the 1990 sample redesign, see "Redesign of the Sample for the Current Population Survey" in the May 1994 issue of this publication.

The original 1990 census-based sample design included about 66,000 housing units per month located in 792 selected geographic areas called primary sampling units (PSU's). The sample was initially selected to meet specific reliability criteria for the Nation, for each of the 50 States and the District of Columbia, and for the sub-State areas of New York City and the Los Angeles-Long Beach metropolitan area. In 1996, the original sample design reliability criteria were modified to reduce costs. The current criteria, given below, are based on the coefficient of variation (CV) of the unemployment level, where the CV is defined as the standard error of the estimate divided by the estimate, expressed as a percentage. These CV controls assume a 6-percent unemployment rate to establish a consistent specification of sampling error.

The current sample design, introduced in January 1996, includes about 59,000 households from 754 sample areas and maintains a 1.9-percent CV on national monthly estimates of unemployment level. This translates into a change of 0.2 percentage point in the unemployment rate being significant at a 90-percent confidence level. For each of the fifty States and for the District of Columbia, the design maintains a CV of at most 8-percent on the annual average estimate of unemployment level, assuming a 6-percent unemployment rate. Due to the national reliability criterion, estimates for several large States are substantially more reliable than the State design criterion requires. Annual average unemployment estimates for California, Florida, New York, and Texas, for example, carry a CV of less than 4 percent.

In the first stage of sampling, the 754 sample areas are chosen. In the second stage, ultimate sampling unit clusters composed of about four housing units each are selected. Each month, about 59,000 housing units are assigned for data collection, of which about 50,000 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 50,000 housing units, about 6.5 percent are not interviewed in a given month due to temporary absence (vacation, etc.), other failures to make contact after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate (about half of the noninterviews). Information is obtained each month for about 94,000 persons 16 years of age or older.

*Selection of sample areas.* The entire area of the United States, consisting of 3,141 counties and independent cities, is divided into 2,007 sample units (PSU's). In most States, a PSU consists of a county or a number of contiguous counties. In New England and Hawaii, minor civil divisions are used instead of counties.

Metropolitan areas within a State are used as a basis for forming PSU's. Outside of metropolitan areas, counties normally are combined except when the geographic area of an individual county is too large. Combining counties to form PSU's provides greater heterogeneity; a typical PSU includes urban and rural residents of both high and low economic levels and encompasses, to the extent feasible, diverse occupations and industries. Another important consideration is that the PSU be sufficiently compact so that, with a small sample spread throughout, it can be efficiently canvassed without undue travel cost.

The 2,007 PSU's are grouped into strata within each State. Then one PSU is selected from each stratum with the probability of selection proportional to the population of the PSU. Nationally, there are a total of 428 PSU's in strata by themselves. These strata are self-representing and are generally the most populous PSU's in each State. The 326 remaining strata are formed by combining PSU's that are similar in such characteristics as unemployment, proportion of housing units with three or more persons, number of persons employed in various industries, and average monthly wages for various industries. The single PSU randomly selected from each of these strata is non-self-representing because it represents not only itself but the entire stratum. The probability of selecting a particular PSU in a non-self-representing stratum is proportional to its 1990 population. For example, within a stratum, the chance that a PSU with a population of 50,000 would be selected for the sample is twice that for a PSU having a population of 25,000.

*Selection of sample households.* Because the sample design is State based, the sampling ratio differs by State and depends on State population size as well as both national and State reliability requirements. The State sampling ratios range roughly from 1 in every 100 households to 1 in every 3,000 households. The sampling ratio occasionally is modified slightly to hold the size of the sample relatively constant given the overall growth of the population. The sampling ratio used within a sample PSU depends on the probability of selection of the PSU and the sampling ratio for the State. In a sample PSU with a probability of selection of 1 in 10 and a State sampling ratio of 3,000, a within-PSU sampling ratio of 1 in 300 achieves the desired ratio of 1 in 3,000 for the stratum.

The 1990 within-PSU sample design was developed using block-level data from the 1990 census. (The 1990 census was the first decennial census that produced data at the block level for the entire country.) Normally, census blocks are bounded by streets and other prominent physical features such as rivers or railroad tracks. County, Minor Civil Division, and census place limits also serve as block boundaries. In cities, blocks can be bounded by four streets and be quite small in land area. In rural areas, blocks can be several square miles in size.

For the purpose of sample selection, census blocks were grouped into three strata: Unit, group quarters, and area.



(Occasionally, units within a block were split between the unit and group quarters strata.) The unit stratum contained regular housing units with addresses that were easy to locate (e.g. most single family homes, townhouses, condominiums, apartment units, and mobil homes). The group quarters stratum contained housing units where residents shared common facilities or received formal or authorized care or custody. Unit and group quarters blocks exist primarily in urban areas. The area stratum contains blocks with addresses that are more difficult to locate. Area blocks exist primarily in rural areas.

To reduce the variability of the survey estimates and to ensure that the within-PSU sample would reflect the demographic and socioeconomic characteristics of the PSU, blocks within the unit, group quarters, and area strata were sorted using geographic and block-level data from the census. Examples of the census variables used for sorting include proportion of minority renter-occupied housing units, proportion of housing units with female householders, and proportion of owner-occupied housing units. The specific sorting variables used differed by type of PSU (urban or rural) and stratum.

Within each block, housing units were sorted geographically and grouped into clusters of approximately four units. A systematic sample of these clusters was then selected independently from each stratum using the appropriate within-PSU sampling ratio. The geographic clustering of the sample units reduces field representative travel costs. Prior to interviewing, special listing procedures are used to locate the particular sample addresses in the group quarters and area blocks.

Units in the three strata described above all existed at the time of the 1990 decennial census. Through a series of additional procedures, a sample of building permits is included in the CPS to represent housing units built after the decen-

nial census. Adding these newly built units keeps the sample up-to-date and representative of the population. It also helps to keep the sample size stable: over the life of the sample, the addition of newly built housing units compensates for the loss of "old" units which may be abandoned, demolished, or converted to nonresidential use.

*Rotation of sample.* Part of the sample is changed each month. Each monthly sample is divided into eight representative subsamples or rotation groups. A given rotation group is interviewed for a total of 8 months, divided into two equal periods. It is in the sample for 4 consecutive months, leaves the sample during the following 8 months, and then returns for another 4 consecutive months. In each monthly sample, one of the eight rotation groups is in the first month of enumeration, another rotation group is in the second month, and so on. Under this system, 75 percent of the sample is common from month to month and 50 percent from year to year for the same month. This procedure provides a substantial amount of month-to-month and year-to-year overlap in the sample, thus providing better estimates of change and reducing discontinuities in the series of data without burdening any specific group of households with an unduly long period of inquiry.

*CPS sample, 1947 to present.* Table 1-A provides a description of some aspects of the CPS sample designs in use since 1947. 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. A description of the 1990 census-based sample design appears in "Redesign of the Sample for the Current Population Survey," in the May 1994 issue of this publication.

**Table 1-A. Characteristics of the CPS sample, 1947 to present**

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 .....	1330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963 .....	2333	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 Mar. 1988 .....	729	57,000	2,500	11,000
Apr. 1988 to Mar. 1989 .....	729	53,200	2,600	11,500
April 1989 to Oct. 1994 <sup>3</sup> .....	729	57,400	2,600	11,800
Nov. 1994 to Aug. 1995 <sup>4</sup> .....	792	54,500	3,500	10,000
Sept. 1995 to Dec. 1995 .....	792	52,900	3,400	9,700
Jan. 1996 to present .....	754	46,800	3,200	9,000

<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.

<sup>3</sup> The sample was increased incrementally during the 8-month period, April-November 1989.

<sup>4</sup> Includes 2,000 additional assigned housing units from Georgia and Virginia that were gradually phased in during the 10-month period, October 1994-August 1995.

## 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. Since 1985, most sample persons within the same State have had the same probability of selection. Some selection probabilities may differ within a State due to the sample design or for operational reasons. Field subsampling, for example, which is carried out when areas selected for the sample are found to contain many more households than expected, may cause probabilities of selection to differ for some sample areas within a State. Through a series of estimation steps (outlined below), the selection probabilities are adjusted for noninterviews and survey undercoverage; data from previous months are incorporated into the estimates through the composite estimation procedure.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted 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 for clusters of similar sample areas that are usually, but not necessarily, contained within a State. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each cluster, there is a further breakdown by residence. Each MSA cluster is split by "central city" and "balance of the MSA." Each non-MSA cluster is split by "urban" and "rural" residence categories. The proportion of sample households not interviewed varies from 6 to 7 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 State of residence. Because 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 adjustment, as follows:

a. *First-stage ratio estimation.* The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSU's rather than drawing sample households from every PSU in the Nation. This adjustment is made to the CPS weights in two race cells: Black and nonblack; it is applied only to PSU's

that are not self-representing and for those States that have a substantial number of black households. The procedure corrects for differences that existed in each State cell at the time of the 1990 census between 1) the race distribution of the population in sample PSU's and 2) the race distribution of all PSU's (both 1 and 2 exclude self-representing PSU's).

b. *Second-stage ratio estimation.* This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. The CPS sample weights are adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used:

1) 51 State controls of the civilian noninstitutional population 16 years of age and older,

2) National civilian noninstitutional population controls for 14 Hispanic and 5 non-Hispanic age-sex categories,

3) National civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories.

The independent population controls are prepared by projecting forward the resident population as enumerated on April 1, 1990. The projections are derived by updating demographic census data with information from a variety of other data sources that account for births, deaths, and net migration. Estimated numbers of resident Armed Forces personnel and institutionalized persons reduce the resident population to the civilian noninstitutional population. Estimates of net census undercount, determined from the Post Enumeration Survey, are added to the population projections. Prior to January 1994, the projections were based on earlier censuses, and there was no correction for census undercount. A summary of the current procedures used to make population projections is given in "Revisions in the Current Population Survey Effective January 1994," appearing in the February 1994 issue of this publication.

3. *Composite estimation procedure.* The last step in the preparation of most CPS estimates makes use of a composite estimation procedure. The composite estimate consists of a weighted average of two factors: The two-stage ratio estimate based on the entire sample from the current month and the composite estimate for the previous month, plus an estimate of the month-to-month change based on the six rotation groups common to both months. In addition, a bias adjustment term is added to the weighted average to account for relative bias associated with month-in-sample estimates. This month-in-sample bias is exhibited by unemployment estimates for persons in their first and fifth months in the CPS being generally higher than estimates obtained for the other months.

The composite estimate results in a reduction in the sampling error beyond that which is achieved after the two stages of ratio adjustment. For some items, the reduction is substantial. The resultant gains in reliability are greatest in estimates of month-to-month change, although gains are also usually obtained for estimates of level in a given month, change from year to year, and change over other intervals of time.

### **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 indicate primarily the magnitude of the sampling error. They also incorporate the effect of some nonsampling errors in response and enumeration but do not account for 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., the inability to obtain information about all persons in the sample; differences in the interpretation of questions; inability or unwillingness of respondents to provide correct information; inability to recall information; errors made in collecting and 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 are 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 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. The CPS covers about 92 percent of the decennial census population (adjusted for census undercount). 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 races than for whites. Ratio adjustment 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.

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 errors and describes attempts to measure them in the CPS.

*Sampling error.* When a sample rather than the entire population is surveyed, estimates differ from the true population values that they represent. This difference, or sampling error, occurs by chance, and its variability is measured by the standard error of the estimate. Sample estimates from a given survey design are unbiased when an average of the estimates from all possible samples would yield, hypothetically, the true population value. In this case, the sample estimate and its standard error can be used to construct approximate confidence intervals, or ranges of values, that include the true population value with known probabilities. If the process of selecting a sample from the population were repeated many times and an estimate and its standard error calculated for 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 true population value.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the true population value.
3. Approximately 95 percent of the intervals from two

standard errors below the estimate to two standard errors above the estimate would include the true population value.

Although the estimating methods used in the CPS do not produce unbiased estimates, biases for most estimates are believed to be small enough so that these confidence interval statements are approximately true.

Since it would be too costly to develop standard errors for all CPS estimates, generalized variance function techniques are used to calculate sets of standard errors for various types of labor force characteristics. It is important to keep in mind that standard errors computed from these methods reflect contributions from sampling errors and some kinds of nonsampling errors and indicate the general magnitude of an estimate's standard error rather than its precise value.

The generalized variance functions and standard errors provided here are based on the sample design and estimation procedures as of 1987 and have been adjusted to reflect the population levels and sample size as of 1996. Standard errors for years prior to 1996 may be roughly approximated by adjusting, as follows, the standard errors presented here.

1. For the years 1967 through 1995, multiply the standard errors by 0.96.
2. For the years 1956 through 1966, multiply the standard errors by 1.17.
3. For years prior to 1956, multiply the standard errors by 1.44.

More accurate standard error estimates for historical CPS data may be found in previous issues of this publication.

Tables 1-B through 1-H are provided so that approximate standard errors of estimates can be easily obtained. These tables are briefly summarized here; details illustrating the proper use of each table follow.

Tables 1-B and 1-C show standard errors for estimated monthly levels and rates for selected employment status characteristics; these tables also provide standard errors for consecutive month-to-month changes in the estimates. These standard errors are based on levels of recent estimates and can be determined directly by finding the characteristic of interest.

Tables 1-D and 1-E show standard errors for monthly levels and consecutive monthly changes in levels for general employment status characteristics. The standard errors are calculated using linear interpolation based on the size of the monthly estimates.

Tables 1-F and 1-G give parameters that can be used with formulas to calculate a standard error on nearly any specified level, unemployment rate, percentage, or consecutive month-to-month change. For monthly levels and consecutive month-to-month changes in levels, tables 1-F and 1-G are preferred to tables 1-D and 1-E, since the formulas provide more accurate results than linear interpolation.

**Table 1-B. Standard errors for major employment status categories**  
(In thousands)

Category	Monthly level	Consecutive-month change
<b>Total, 16 years and over:</b>		
Civilian labor force .....	293	216
Employed .....	312	235
Unemployed .....	145	161
<b>Men, 20 years and over:</b>		
Civilian labor force .....	194	164
Employed .....	206	174
Unemployed .....	97	113
<b>Women, 20 years and over:</b>		
Civilian labor force .....	219	165
Employed .....	224	171
Unemployed .....	91	105
<b>Both sexes, 16 to 19 years:</b>		
Civilian labor force .....	97	95
Employed .....	96	95
Unemployed .....	62	81
<b>Black, 16 years and over:</b>		
Civilian labor force .....	138	101
Employed .....	140	105
Unemployed .....	66	76
<b>Men, 20 years and over:</b>		
Civilian labor force .....	78	69
Employed .....	71	72
Unemployed .....	43	50
<b>Women, 20 years and over:</b>		
Civilian labor force .....	98	73
Employed .....	97	74
Unemployed .....	44	51
<b>Both sexes, 16 to 19 years:</b>		
Civilian labor force .....	40	42
Employed .....	35	37
Unemployed .....	32	37
<b>Hispanic origin, 16 years and over:</b>		
Civilian labor force .....	130	91
Employed .....	134	107
Unemployed .....	63	73

Table 1-H presents factors used to convert standard errors of monthly levels and rates determined from tables 1-B, 1-C, 1-D, and 1-F to standard errors pertaining to quarterly and yearly averages, consecutive year-to-year changes of monthly estimates, and changes in quarterly and yearly averages.

The standard errors for estimated changes from 1 month to the next, 1 year to the next, etc., depend more on the monthly levels for characteristics than on the size of the changes. Accordingly, tables 1-E, 1-G, and 1-H use monthly levels (not the magnitude of the changes) for approximating standard errors of change. Standard errors for estimated change between nonconsecutive months are not provided (except for year-to-year change); however, these may be assumed to be higher than the standard errors for consecutive monthly change.

**Table 1-C. Standard errors for unemployment rates by major characteristics**

Characteristic	Monthly level	Consecutive-month change
Total, 16 years and over .....	0.11	0.13
Men, 16 years and over .....	.15	.18
Men, 20 years and over .....	.14	.17
Women, 16 years and over .....	.16	.19
Women, 20 years and over .....	.16	.19
Both sexes, 16 to 19 years .....	.74	.97
White workers .....	.11	.13
Black workers .....	.45	.53
Hispanic-origin workers .....	.50	.59
Married men, spouse present .....	.15	.18
Married women, spouse present .....	.18	.22
Women who maintain families .....	.54	.64
<b>Occupation</b>		
Executive, administrative, and managerial ..	.20	.24
Professional specialty .....	.20	.23
Technicians and related support .....	.45	.54
Sales .....	.30	.36
Administrative support, including clerical .....	.25	.30
Private household .....	1.75	2.08
Protective service .....	.67	.80
Service, except private household and protective service .....	.38	.45
Precision production, craft, and repair .....	.34	.40
Machine operators, assemblers, and inspectors .....	.49	.58
Transportation and material moving .....	.55	.66
Handlers, equipment cleaners, helpers, and laborers .....	.73	.87
Farming, forestry, and fishing .....	.73	.87
<b>Industry</b>		
Nonagricultural private wage and salary workers .....	.13	.15
Goods-producing industries .....	.25	.30
Mining .....	1.39	1.65
Construction .....	.68	.81
Manufacturing .....	.26	.31
Durable goods .....	.32	.38
Nondurable goods .....	.42	.50
Service-producing industries .....	.15	.18
Transportation, communications, and public utilities .....	.42	.50
Wholesale and retail trade .....	.27	.32
Finance and services .....	.19	.23
Government workers .....	.21	.25
Agricultural wage and salary workers .....	1.18	1.40

*Use of tables 1-B and 1-C.* These tables provide a quick reference for standard errors of major characteristics. Table 1-B gives approximate standard errors for estimates of monthly levels and consecutive month-to-month changes in levels for major employment status categories. Table 1-C gives approximate standard errors for estimates of monthly unemployment rates and consecutive month-to-month changes in unemployment rates for some demographic, industrial, and occupational categories. For characteristics not given in tables 1-B and 1-C, refer to either tables 1-D and 1-E or tables 1-F and 1-G.

*Illustration.* Suppose that for a given month the number of women 20 years and over in the civilian labor force is estimated to be 54,000,000. For this characteristic, the approximate standard error of 219,000 is given in table 1-B in the row, "Total, 16 years and over: Women, 20 years and over: Civilian labor force." A 90-percent confidence interval, as shown by these data, would then be the interval from 53,650,000 to 54,350,000. Concluding that the true labor force level lies within this interval would be correct for roughly 90 percent of all possible samples.

*Use of tables 1-D and 1-E.* From these tables, approximate standard errors can be calculated for estimates of monthly levels and month-to-month changes in levels for major labor force characteristics by race and Hispanic origin. For major categories not shown, such as male or female, tables 1-F and 1-G can be used. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. For table 1-E, which applies to estimates of consecutive month-to-month change, the average of the two monthly levels (not the change) is used to select the appropriate row in the table.

*Illustration.* Assume that between 2 consecutive months the estimated number of employed persons changed from 115,600,000 to 116,700,000, an apparent increase of 1,100,000. The approximate standard error on this month-to-month change estimate is based on the average level of the estimate for the 2 months, 116,150,000. Using the table 1-E column titled "Labor force data other than agricultural employment and unemployment, Total," it is necessary to find the standard errors corresponding to the two monthly level entries between which the value 116,150,000 lies. The standard error corresponding to 100,000,000 is given as 274,000, and the standard error corresponding to 120,000,000 is given as 246,000. Use linear interpolation to find the approximate standard error on month-to-month change corresponding to the level 116,150,000; one method of calculation is given below.

$$246,000 + \left( \frac{120,000,000 - 116,150,000}{120,000,000 - 100,000,000} \right) (274,000 - 246,000) \doteq 251,000$$

Thus, a 90-percent confidence interval for the true month-to-month change would be approximately the interval from 698,000 to 1,502,000.

*Use of tables 1-F and 1-G.* These tables can be used to find approximate standard errors for a wide range of estimated monthly levels, proportions, rates, and estimates of consecutive monthly change. Instead of displaying standard errors, these tables provide parameters to be used with the formulas given below that allow the user to calculate standard errors.

**Table 1-D. Standard errors for estimates of monthly levels**  
(In thousands)

Estimated monthly level	Characteristic									
	Agricultural employment		Unemployment			Labor force data other than agricultural employment and unemployment				
	Total or white	Black	Total or white	Black	Hispanic origin	Total	White	Black	Hispanic origin	
									Employed	Civilian labor force or not in labor force
50 .....	12	13	12	13	13	12	12	13	14	14
100 .....	18	18	17	18	19	17	17	18	20	20
500 .....	41	39	38	39	42	39	39	39	44	44
1,000 .....	62	55	54	54	59	54	54	55	61	61
2,000 .....	96	76	76	74	82	77	77	76	83	83
4,000 .....	157		107	96	113	108	108	103	111	111
6,000 .....	216		131	106		131	131	120	126	126
8,000 .....	273		150	108		151	150	131	134	134
10,000 .....	330		167	101		168	167	137	135	135
15,000 .....			201			202	201	137	110	110
20,000 .....			228			229	227	113		
30,000 .....						271	267			
40,000 .....						302	296			
50,000 .....						324	315			
60,000 .....						340	327			
70,000 .....						350	333			
80,000 .....						354	333			
100,000 .....						349	313			
120,000 .....						322	264			
140,000 .....						267	159			
160,000 .....										
180,000 .....										

**Table 1-E. Standard errors for estimates of month-to-month change in levels**  
(In thousands)

Estimated monthly level	Characteristic									
	Agricultural employment		Unemployment			Labor force data other than agricultural employment and unemployment				
	Total or white	Black	Total or white	Black	Hispanic origin	Total	White	Black	Hispanic origin	
									Employed	Civilian labor force or not in labor force
50 .....	14	12	14	15	16	10	10	10	12	10
100 .....	19	17	20	21	22	14	14	15	17	14
500 .....	43	37	46	46	50	32	32	33	37	31
1,000 .....	59	52	64	63	69	45	45	45	51	43
2,000 .....	78	72	89	84	95	63	63	62	70	59
4,000 .....	95		124	104	127	88	88	84	93	78
6,000 .....	94		148	106		108	108	97	105	89
8,000 .....	73		166	92		123	123	104	110	94
10,000 .....			180	47		137	137	108	110	95
15,000 .....			204			165	165	100	79	76
20,000 .....			215			187	187	58		
30,000 .....						221	221			
40,000 .....						245	245			
50,000 .....						262	262			
60,000 .....						274	274			
70,000 .....						281	281			
80,000 .....						283	283			
100,000 .....						274	274			
120,000 .....						246	246			
140,000 .....						188	188			
160,000 .....										
180,000 .....										

Table 1-G, which applies to estimates of consecutive monthly change, lists parameters for some characteristics classified by a measure of correlation between monthly estimates. Estimates of the number of persons employed full time, for example, change relatively little from one month to the next, and the two monthly estimates are said to be highly correlated. Consecutive monthly estimates of part-time employment, by contrast, have low correlation, since these estimates are relatively volatile.

Major characteristics for which consecutive monthly estimates are known to have high or low correlation are indicated in table 1-G. Not all categories in table 1-G, however, are broken down into low or high correlation characteristics. When high or low correlation is not specified in table 1-G, the parameters in table 1-G should be selected from the rows labeled "Most characteristics" or from rows not specifying correlation.

*Standard errors of estimated levels.* The approximate standard error,  $s_x$ , of an estimated monthly level,  $x$ , can be obtained using the formula below, where  $a$  and  $b$  are the parameters from table 1-F associated with the particular characteristic. The same formula can be used to approximate the standard error of an estimated month-to-month change in level; simply average the levels for the 2 consecutive months and use the parameters from table 1-G.

$$s_x = \sqrt{ax^2 + bx}$$

*Illustration.* Assume that in a given month there are an estimated 6 million unemployed men in the civilian labor force ( $x = 6,000,000$ ). Obtain the appropriate  $a$  and  $b$  parameters from table 1-F ("Unemployment: Total or white"). Use the formula to compute an approximate standard error on the estimate of 6,000,000.

$$a = -0.000017962 \quad b = 2957.13$$

$$s_x = \sqrt{(-0.000017962)(6,000,000)^2 + (2957.13)(6,000,000)} \doteq 131,000$$

Suppose that in the next month the estimated number of unemployed men increases by 200,000 to 6,200,000. The average of the monthly levels is  $x = 6,100,000$ . Obtain the appropriate  $a$  and  $b$  parameters from table 1-G ("Unemployment: Total or white, Total, men, women"). Use the formula to compute an approximate standard error on the estimated change of 200,000.

$$a = -0.000093662 \quad b = 4191.84$$

$$s_x = \sqrt{(-0.000093662)(6,100,000)^2 + (4191.84)(6,100,000)} \doteq 149,000$$

An approximate 90-percent confidence interval for the true month-to-month change would be the interval from

-38,000 to 438,000. Because this interval covers zero, one cannot assert at this level of confidence that any real change has occurred in the unemployment level. This result can also be expressed by saying that the apparent change of 200,000 is not significant at a 90-percent confidence level.

*Standard errors of estimated percentages and rates.* Generally, percentages and rates are not published unless the monthly base (denominator) is greater than 75,000 persons, the quarterly average base is greater than 60,000 persons, or the annual average base is greater than 35,000 persons.

The reliability of an estimated percentage or rate depends upon the magnitude of the percentage or rate and its base. When the numerator and base are in different categories, use the parameters from table 1-F or 1-G relevant to the numerator. The approximate standard error,  $s_{y,p}$ , of an estimated percentage or rate,  $p$ , can be obtained using the following formula, where  $y$  is the estimated number of persons in the base.

$$s_{y,p} = \sqrt{\frac{b}{y} p(100-p)}$$

*Illustration.* For a given month, suppose that 5,600,000 women, 20 to 24 years of age, are estimated to be employed. Of this total, 1,800,000 or 32 percent are classified as part-time workers. To estimate the standard error on this percentage, proceed as follows. Obtain the parameter  $b = 2529.99$  from table 1-F ("Labor force and not-in-labor-force data other than agricultural employment and unemployment: Total, Women"). Apply the formula to obtain:

$$s_{y,p} = \sqrt{\frac{2529.99}{5,600,000} (32)(100-32)} \doteq 1.0 \text{ percent}$$

Suppose that in the next month 5,700,000 women in this same age group are reported employed and that 1,950,000 or 34 percent are part-time workers. To estimate the standard error on the observed month-to-month change of 2 percentage points, first average the values for  $p$  and  $y$  over the 2 months to get  $p = 33$  percent and  $y = 5,650,000$ . Next, obtain the parameter  $b = 2690.59$  from table 1-G ("Labor force and not-in-labor-force data other than agricultural employment and unemployment: Total or white, Women: Low correlation characteristics") and apply the formula as follows.

$$s_{y,p} = \sqrt{\frac{2690.59}{5,650,000} (33)(100-33)} \doteq 1.0 \text{ percent}$$

It should be noted that the numerator of the percentage (part-time employed) determined the choice of correlation.

**Table 1-F. Parameters for computation of standard errors for estimates of monthly levels**

Characteristic	a	b
<b>Labor force and not-in-labor-force data other than agricultural employment and unemployment:</b>		
Total <sup>1</sup> .....	-0.000017682	2985.26
Men <sup>1</sup> .....	-.000032770	2764.05
Women .....	-.000029553	2529.99
Both sexes, 16 to 19 years .....	-.000171805	2544.62
White <sup>1</sup> .....	-.000020028	2984.72
Men .....	-.000036840	2766.67
Women .....	-.000033710	2526.82
Both sexes, 16 to 19 years ....	-.000204195	2549.88
Black .....	-.000125300	3139.26
Men .....	-.000302096	2930.79
Women .....	-.000182509	2637.41
Both sexes, 16 to 19 years ....	-.001294516	2949.48
Hispanic origin .....	-.000206380	3895.71
Not in labor force, total or white, excluding women and 16-to-19 year olds .....	.000005931	828.79
<b>Agricultural employment:</b>		
Total or white .....	.000782035	3048.57
Men .....	.000858136	2825.09
Women or both sexes, 16 to 19 years .....	-.000024885	2582.39
Black .....	-.000134884	3154.76
Hispanic origin:		
Total or women .....	.011857446	2894.85
Men or both sexes, 16 to 19 years .....	.015736341	1702.50
<b>Unemployment:</b>		
Total or white .....	-.000017962	2957.13
Black .....	-.000212109	3149.77
Hispanic origin .....	-.000101820	3576.47

<sup>1</sup> Excludes not-in-labor-force data.

If the example had illustrated percentages of women employed full time, the numerator would have been a high correlation characteristic. Table 1-G, however, does not explicitly list high correlation parameters for employed women; thus, the row labeled "Women, Most characteristics" would have been used.

Had the example dealt with teenage women employed part time, either of two rows in table 1-G could have been applied ("Women: Low correlation characteristics" or "Both sexes, 16 to 19 years"). In situations like this, where it is not clear which row applies, a general rule to follow is to choose the row with the largest b parameter. This gives a more conservative estimate of standard error.

*Use of table 1-H.* Use this table with table 1-B, 1-C, 1-D, or 1-F to calculate approximate standard errors for quarterly

or yearly averages, changes in consecutive quarterly or yearly averages, and consecutive year-to-year changes in monthly estimates. Table 1-H gives factors that can be used to convert standard errors for monthly levels into standard errors for other time periods and changes over time. Follow these three basic steps:

**Step 1.** Average estimates appropriately. For quarterly estimates, average the 3 monthly estimates. For yearly estimates, average the 12 monthly estimates. For changes in consecutive averages, average over the 2 quarters or 2 years. For consecutive year-to-year changes in monthly estimates, average the 2 months involved.

**Step 2.** Obtain a standard error on a monthly estimate using table 1-B or 1-C, or apply the procedures for table 1-D or 1-F to the average calculated in step 1, as if the average were an estimate for a single month.

**Step 3.** Determine the standard error on the average or on the estimate of change. Multiply the result from step 2 by the appropriate factor from table 1-H.

*Illustration.* Suppose that standard errors are desired for a quarterly average of black employment levels and for the change in averages from 1 quarter to the next. For each successive month of the first quarter, suppose the levels are observed to be 11,500,000, 11,600,000, and 11,700,000.

**Step 1.** The quarterly average is 11,600,000.

**Step 2.** Obtain the a and b parameters from table 1-F ("Labor force and not-in-labor-force data other than agricultural employment and unemployment: Black"). Use the formula for  $s_x$  to compute an approximate standard error for a monthly estimate of 11,600,000.

$$a = -0.000125300 \quad b = 3139.26$$

$$s_x = \sqrt{(-0.000125300)(11,600,000)^2 + (3139.26)(11,600,000)} \doteq 140,000$$

**Step 3.** Multiply this result by the factor .87 from table 1-H (column labeled "Quarterly averages" and row labeled "Labor force and not-in-labor-force data other than agricultural employment and unemployment, Black"). This gives an approximate standard error of 122,000 on the quarterly average of 11,600,000.

Proceed to obtain the approximate standard error on the change in consecutive quarterly average estimates of black employment. Assume that black employment estimates for the months in the second quarter are observed to be 11,100,000, 11,200,000, and 11,300,000.

**Step 1.** The average for the second quarter is 11,200,000.



**Table 1-G. Parameters for computation of standard errors for estimates of month-to-month change in levels**

Characteristic	a	b
<b>Labor force and not-in-labor-force data other than agricultural employment and unemployment:</b>		
<b>Total or white:</b>		
Most characteristics .....	-0.000012482	2001.12
High correlation characteristics <sup>1</sup> .....	-0.000009288	1564.84
Low correlation characteristics <sup>1</sup> .....	-0.000016162	2550.56
<b>Men:</b>		
Most characteristics .....	-0.000022599	1921.13
High correlation characteristics .....	-0.000016814	1500.99
Low correlation characteristics .....	-0.000058387	2668.56
<b>Women:</b>		
Most characteristics .....	-0.000021229	1689.99
Low correlation characteristics .....	-0.000059785	2690.59
Both sexes, 16 to 19 years .....	-0.00186555	2616.54
<b>Black:</b>		
Most characteristics .....	-0.000098960	2147.36
Low correlation characteristics .....	-0.01928030	6513.82
<b>Men:</b>		
Most characteristics .....	-0.000234427	2280.03
Low correlation characteristics .....	-0.002881467	5829.60
<b>Women:</b>		
Most characteristics .....	-0.000156363	1860.78
Low correlation characteristics .....	-0.002311407	5420.13
Both sexes, 16 to 19 years .....	-0.001288452	3131.77
<b>Hispanic origin:</b>		
Total .....	-0.000157201	2774.53
Civilian labor force and not in labor force .....	-0.000102898	1930.51
Low correlation characteristics .....	-0.002624078	8620.43
Men, civilian labor force and not in labor force .....	-0.000248038	2347.42
Men, 16 years and over; 20 years and over; and both sexes, 16 to 19 years .....	-0.000398909	3615.62
Women, 16 years and over and 20 years and over .....	-0.000338741	2569.69
<b>Agricultural employment:</b>		
<b>Total or white:</b>		
Total .....	-0.000395757	3838.04
Men .....	-0.000672985	3959.25
Women or both sexes, 16 to 19 years .....	.000130289	2367.00
<b>Black:</b>		
Total or women .....	-0.000122355	2861.72
Men or both sexes, 16 to 19 years .....	-0.019110769	5876.77
<b>Hispanic origin:</b>		
Total or women .....	.002872129	4640.81
Men or both sexes, 16 to 19 years .....	.002884390	4028.10
Self-employed .....	-0.000245791	2091.57
<b>Unemployment:<sup>2</sup></b>		
<b>Total or white:</b>		
Total, men, women .....	-0.000093662	4191.84
Both sexes, 16 to 19 years and low correlation characteristics .....	-0.000071624	5121.75
<b>Black:</b>		
Total, men, women, and both sexes, 16 to 19 years .....	-0.000414217	4361.16
High correlation characteristics .....	.000048170	3088.91
<b>Hispanic origin:</b>		
Total, men, women .....	-0.000252897	5054.25
Both sexes, 16 to 19 years and low correlation characteristics .....	-0.000996431	7037.75

<sup>1</sup> High correlation characteristics include employed full-time, manufacturing, service workers, and not in the labor force. Low correlation characteristics include all part-time workers; employed, with a job, but not at work; unpaid family workers; and precision production, craft, and repair occupations.

<sup>2</sup> High correlation characteristics include full-time jobseekers; job losers; manufacturing workers; and operators, fabricators, and laborers. Low correlation characteristics include part-time jobseekers, reentrants, persons unemployed for less than 5 weeks and from 5 to 14 weeks.

The average of the 2 quarters is 11,400,000.

Step 2. Obtain the a and b parameters as above and use the formula for  $s_x$  to compute an approximate standard error for the estimate of 11,400,000, treating it as an estimate for a single month.

$$s_x = \sqrt{(-0.000125300)(11,400,000)^2 + (3139.26)(11,400,000)} = 140,000$$

Step 3. Multiply this result by the factor .84 from table

1-H (column labeled "Change in quarterly averages" and row labeled "Labor force and not-in-labor-force data other than agricultural employment and unemployment, Black"). This gives an approximate standard error of 118,000 on the estimated change of 400,000 from one quarter to the next.

The estimated change clearly exceeds 2 standard errors; therefore, one could conclude from these data that the change in quarterly averages is significant.

**Table 1-H. Factors to be used with tables 1-B, 1-C, 1-D, and 1-F 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
<b>Agricultural employment:</b>					
Total or men .....	1.30	0.92	0.70	0.79	0.70
Women .....	1.30	.82	.84	.57	.70
Both sexes, 16 to 19 years .....	1.30	.78	.88	.49	.70
Part time .....	1.40	.80	.80	.59	.70
<b>Unemployment:</b>					
Total .....	1.40	.74	.88	.46	.65
Part time .....	1.40	.67	.88	.42	.54
<b>Labor force and not-in-labor-force data other than agricultural employment and unemployment:</b>					
Total or white .....	1.30	.87	.85	.65	.70
Black .....	1.30	.87	.84	.65	.70
Hispanic origin .....	1.30	.87	.80	.65	.70
Both sexes, 16 to 19 years .....	1.30	.79	.88	.54	.70
Part time .....	1.40	.82	.90	.51	.60

# Establishment Data ("B" tables)

## COLLECTION

BLS cooperates with State employment security agencies in the Current Employment Statistics (CES) or establishment survey to collect data each month on employment, hours, and earnings from a sample of nonfarm establishments (including government). This sample includes about 390,000 reporting units. From these data, a large number of employment, hours, and earnings series in considerable industry and geographic detail are prepared and published each month. Historical statistics can be found in *Employment, Hours, and Earnings, United States*, and *Employment, Hours, and Earnings, States and Areas*. These data are also available in machine-readable format and on the INTERNET.

Each month, the State agencies collect data on employment, payrolls, and paid hours from a sample of establishments. Data are collected by mail from most respondents; phone collection is used to obtain higher response rates from selected respondents through computer-assisted interviews, touch-tone self-response, and voice recognition technology.

The respondents extract the requested data from their payroll records, which must be maintained for a variety of tax and accounting purposes. All firms with 250 employees or more are asked to participate in the survey, as well as a sample of smaller firms.

A "shuttle" schedule (BLS form 790 series) is used for mail respondents. It is submitted each month by the respondents, edited by the State agency, and returned to the respondent for use again the following month.

The technical characteristics of the shuttle schedule are particularly important in maintaining continuity and consistency in reporting from month to month. The shuttle design automatically exhibits the trends of the reported data covered by the schedule during the year; therefore, the relationship of the current data to the data for the previous months is shown. The schedule also has operational advantages. For example, accuracy and economy are achieved by entering the identification codes and the address of the reporter only once a year.

All schedules are edited by the State agencies each month to make sure that the data are correctly reported and that they are consistent with the data reported by the establishment in earlier months and with the data reported by other establishments in the industry. The State agencies forward the data, either on the schedules themselves or in machine-readable form, to BLS-Washington. They also use the information provided on the forms to develop State and area estimates of employment, hours, and earnings. At BLS, the data are edited again by computer to detect processing and reporting errors which may have been missed in the initial State editing; the edited data are used to prepare national estimates.

It should be noted that for employment, the sum of the State figures will differ from the official U.S. national totals because of the effects of differing industrial and geographic stratification and differences in the timing of benchmark adjustments.

## 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 (beginning with August 1990 data) and for States and areas (beginning with January 1990 data) are classified in accordance with the *1987 Standard Industrial Classification Manual* (SIC), Office of Management and Budget.

### 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 day 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.

*Indexes of diffusion of employment change* (table B-6). These indexes measure the dispersion among industries of

the change in employment over the specified time span. Beginning with August 1990 data, the overall indexes are calculated from 356 seasonally adjusted employment series (3-digit industries) covering all nonfarm payroll employment in the private sector. The manufacturing diffusion indexes are based on 139 3-digit industries.

To derive the indexes, each component industry is assigned a value of 0, 50, or 100 percent, depending on whether its employment showed a decrease, no change, or an increase, respectively, over the time span. The average value (mean) is then calculated, and this percent is the diffusion index number.

The reference point for diffusion analysis is 50 percent, the value which indicates that the same number of component industries had increased as had decreased. Index numbers above 50 show that more industries had increasing employment, and values below 50 indicate that more had decreasing employment. The margin between the percent that increased and the percent that decreased is equal to the difference between the index and its complement, i.e., 100 minus the index. For example, an index of 65 percent means that 30 percent more industries had increasing employment than had decreasing employment ( $65 - (100 - 65) = 30$ ). However, for dispersion analysis, the distance of the index number from the 50-percent reference point is the most significant observation.

Although diffusion indexes are commonly interpreted as showing the percent of components that increased over the time span, it should be remembered that the index reflects half of the unchanged components as well. (This is the effect of assigning a value of 50 percent to the unchanged components when computing the index.)

### 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.* This category includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspecting, receiving, storing, 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 operations.

*Construction workers.* This group includes 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.* These are 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.* This refers to 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 day 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, vacation, 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. Employee benefits (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

*Hours.* These are 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.* These are 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 included 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 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.

*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 fig-

ures for 1982. For basic industries, the hours aggregates are the product of average weekly hours and production worker or nonsupervisory worker employment. At all higher levels of industry aggregation, hours aggregates are the sum of the component aggregates.

*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.

Because overtime hours are premium hours by definition, weekly hours and overtime hours do not necessarily move in the same direction from month to month. Such factors as work stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on average hours. 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.

*Average hourly 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 production worker, construction worker, or nonsupervisory employee definitions.

*Average hourly earnings, including lump-sum wage payments.* These series are compiled only for aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing. The same concepts and estimation methods apply to these series as apply to the average hourly earnings series described above; the one difference between the series is definitional. The payroll data used to calculate this series include lump-sum payments made to production workers in lieu of general wage rate increases; such payments are excluded from the definition of gross payrolls used to calculate the other average hourly earnings series.

For each sample establishment in SIC 3721 and SIC 3761

covered by a lump-sum agreement, the reported payroll data are adjusted to include a prorated portion of the lump-sum payment. Such payments are generally made once a year and cover the following 12-month period. In order to spread the payment across this time period, a prorated portion of the payment is added to the payroll each month. This prorated portion is adjusted by an exit rate to reduce the lump-sum amount to account for persons who received the payment but left before the payment allocation period expired.

*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. 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.

*Railroad hours and earnings.* The figures for Class I railroads plus Amtrak (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 the total number of hours paid for, reduced to a weekly basis, by the number of employees. Average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

*Average weekly earnings.* These 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 the 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.

*Real earnings.* These earnings are in constant dollars and 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). The reference year for these series is 1982.

## ESTIMATING METHODS

The Current Employment Statistics (CES) or establishment survey estimates of employment are generated through an annual benchmark and monthly sample link procedure. Annual universe counts or benchmark levels are generated primarily from administrative records on employees covered by unemployment insurance (UI) tax laws. These annual benchmarks, established for March of each year, are projected forward for each subsequent month based on the trend of the sample employment, using an estimation procedure called the link relative. Benchmarks and sample link relatives are computed for each of 1,703 basic estimation cells defined by industry, size, and geography for the CES national estimates, and summed to create aggregate level employment estimates.

### Benchmarks

The establishment survey constructs annual benchmarks in order to realign the sample-based employment totals for March of each year with the UI-based population counts for March. These population counts are much less timely than sample-based estimates; however, they provide an annual point-in-time census for employment.

Population counts are derived from the administrative file of employees covered by UI. All employers covered by UI laws are required to report employment and wage information to the appropriate State employment security agency four times a year. Approximately 98 percent of in-scope private employment is covered by UI. A benchmark for the remaining 2 percent is constructed from alternate sources, primarily records from the Interstate Commerce Commission and the Social Security Administration. The full benchmark developed for March replaces the March sample-based estimate for each basic cell. The monthly sample-based estimates for the year preceding and the year following the benchmark are also then subject to revision.

Monthly estimates for the year preceding the March benchmark are readjusted using a "wedge back" procedure. The difference between the final benchmark level and the previously published March sample estimate is calculated and spread back across the previous 11 months. The wedge is linear; eleven-twelfths of the March difference is added to the February estimates, ten-twelfths to the January estimates, and so on, back to the previous April estimates which receive one-twelfth of the March difference. This assumes that the total estimation error since the last benchmark accumulated at a steady rate throughout the current benchmark year.

Estimates for the 11 months following the March benchmark are also recalculated each year. These post-benchmark estimates reflect the application of sample-based monthly changes to new benchmark levels for March, and the recomputation of bias adjustment factors for each month. Bias factors are updated to take into account the most recent experience of the estimates generated by the monthly

sample versus the full universe counts derived from the UI.

Following the revision of basic employment estimates, all other derivative series (e.g., production workers, average hourly earnings) are also recalculated. New seasonal adjustment factors are calculated and all data series for the previous 5 years are reseasonally adjusted, prior to full publication of all revised data in June of each year.

### Monthly estimation

Estimates are derived from a sample of approximately 390,000 business establishments nationwide. A current month's estimate is derived as the product of the previous month's estimate and a sample link relative for the current month. A bias adjustment factor is then applied to this result primarily to help account for new business births during the month.

*Stratification.* The sample is stratified into 1,703 basic estimation cells for purposes of computing national employment, hours, and earnings estimates. Cells are defined primarily by detailed industry, and secondarily by size for a majority of cells. In a few industries, mostly within the construction division, geographic stratification is also used. Industry classification is in accordance with the *1987 Standard Industrial Classification Manual* (SIC); most estimation cells are defined at the 4-digit SIC level.

This detailed stratification pattern allows for the production and publication of estimates in considerable industry detail. Sub-industry stratification by size is important because major statistics which the survey measures, particularly employment change and average earnings, often vary significantly between establishments of different size. Stratification reduces the variance of the published industry level estimates.

*Link relative technique.* A ratio of the previous to the current month's employment is computed from a sample of establishments reporting for both months—this ratio is called a "link relative." For each basic cell, a link relative is computed and applied to the previous month's employment estimate to derive the current month's estimate. Thus a March benchmark is moved forward to the next March benchmark through application of monthly link relatives. Basic cell estimates created through the link relative technique are aggregated to form published industry level estimates, for employment, as described in table 2-A. Basic estimation and aggregation methods for the hours and earnings data are also shown in table 2-A.

*Bias adjustment.* Bias adjustment factors are computed at the 3-digit SIC level, and applied each month at the basic cell level, as part of the standard estimation procedures. The main purpose of bias adjustment is to reduce a primary source of nonsampling error in the survey, the inability to capture, on a timely basis, employment generated by new firm births. There is a several month lag between an

**Table 2-A. 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-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. <sup>2</sup>	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.
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 adjustments 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.

establishment opening for business and its appearing on the UI universe frame and being available for sampling. Because new firms generate a portion of employment growth each month of the year, nonsampling methods must be used to capture this growth, otherwise substantial underestimation of total employment levels would occur. Formal bias adjustment procedures have been used by the establishment survey since the late 1960's. Prior to the 1983 benchmark, bias adjustments were derived from a simple mean error model, which averaged undercount errors for the previous 3 years to arrive at bias projections for the coming year. The undercount errors were measured as the difference between sample-based estimate results and benchmark levels.

This procedure eventually proved inadequate during periods of rapidly changing employment trends, and the bias adjustment methodology was revised. Research done in the early 1980's indicated that bias requirements were strongly correlated with current employment growth or decline. Based on this research, a revised method was developed which incorporated the sample data on employment growth over the most recent two quarters, and a regression-derived coefficient for the significance of that change, to adjust the mean error model results. This change in methodology provided a more cyclically sensitive bias model. The regression-adjusted mean error model has been in use since 1983, for the production of national estimates.

The current model still has limitations in its ability to react to changing economic conditions or changing error structure relationships between the sample-based estimates and the UI universe counts. A principal limitation is the inability to incorporate UI universe counts as they become available on an ongoing basis, with a 6- to 9-month lag from the reference period. Thus, the current quarterly outputs from the model are subject to intervention analysis, and adjustments can be made to its results, prior to the establishment of final bias levels for a quarter. Review is done primarily in terms of detection of outlier (i.e. abnormally high or low) values, and by comparison of CES sample and bias trends with the most recent quarterly observations of UI universe counts. The BLS currently has under study improved bias models utilizing a Kalman filter technique, which would allow a more formal, structured incorporation of each quarter's UI universe counts in the bias modeling process.

Although the primary function of bias adjustment is to account for employment resulting from new business formations, it also adjusts for other elements of nonsampling error in the survey, because the primary input to the modeling procedure is total estimation error. Significant among these nonsampling error sources is a business death bias. When a sampled firm closes down, most often it simply does not respond to the survey that month, rather than reporting zero employment. Followup with nonrespondents may reveal an out-of-business firm, but this information is often received too late to incorporate into monthly esti-

mates, and the firm is simply treated as a nonrespondent for that month.

Because the bias adjustments incorporated into the estimates represent a composite of a birth bias, death bias, and a number of other differences between the sample-based estimates and the population counts, the monthly bias adjustment levels have no specific economic meaning in and of themselves.

Table 2-B summarizes bias adjustments for the 1985-95 period. The table displays the average monthly "bias added" and the average monthly "bias required" with the benchmark revisions for each year. Bias added shows the average amount of bias which was added each month over the course of an interbenchmark period. For example, the bias added for 1995 is listed as 144,000; this represents the average of bias adjustments made each month over the period April 1994 through March 1995. Bias required is computed retrospectively, after the March benchmark for a given year is known. Bias required figures are calculated by taking the difference between a March estimate derived purely from the sample (i.e. a series calculated without bias adjustment) and the March benchmark. Dividing this figure by 12 gives the average monthly bias required figure. The bias required is thus defined as the amount of bias adjustment which would have achieved a zero benchmark error. The difference between the total bias required and the total bias added is then, by definition, approximately the benchmark revision amount, for any given year. Also provided in the table for illustration, are the March-to-March changes. As discussed above, the over-the-year changes indicate correlation with the bias added and bias required figures.

## THE SAMPLE

### Design

The emphasis in the establishment survey is on producing timely data at minimum cost. Therefore, the primary goal of its design is to sample a sufficiently large segment of the universe to provide reliable estimates that can be published both promptly and regularly. The present sample allows BLS to produce preliminary total nonfarm employment estimates for each month, including some limited industry detail, within 3 weeks after the reference period, and data in considerably more detail with an additional 1-month lag.

The CES survey, which began over 50 years ago, predates the introduction of probability sampling methods and has operated as a quota sample since its inception.

The sampling plan used is a form of sampling with probability proportionate to size, known as "sampling proportionate to average size of establishment". This is an optimum allocation design among strata because sampling variance is proportional to the average size of establishments. The universe of establishment employment is highly skewed, with a large percentage of total employment concentrated in relatively few establishments. Because vari-



ance on a population total estimate is a function of percentage universe coverage achieved by the sample, it is efficient to sample larger establishments at a higher rate than smaller establishments, assuming the cost per sample unit is fairly constant across size classes.

Under the survey design, large establishments fall into a certainty strata for sample selection. The size of the sample for the various industries is determined empirically on the basis of experience and cost considerations. For example, in a manufacturing industry with a high proportion of total employment concentrated in a small number of establishments, a larger 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 a relatively few chosen from among the smaller establishments. For an industry in which a large proportion of total employment is concentrated in small establishments, the sample design again calls for inclusion of all large establishments but also for a more substantial number of smaller 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 have a sample design for these industries with a smaller proportion of total universe coverage than is the case for most manufacturing industries.

### Coverage

The establishment survey is the largest monthly sampling operation in the field of social statistics. Table 2-C shows the latest benchmark employment levels and the approximate proportion of total universe employment coverage, at the total nonfarm and major industry division levels. The coverage for individual industries within the divisions may vary from the proportions shown.

### Reliability

The establishment survey, like other sample surveys, is subject to two types of error, sampling and nonsampling error. The magnitude of sampling error, or variance, is directly related to the size of the sample and the percentage of universe coverage achieved by the sample. The establishment survey sample covers over one-third of total universe employment; this yields a very small variance on the total nonfarm estimates. Measurements of error associated with sample estimates are provided in tables 2-D through 2-G.

*Benchmark revision as a measure of survey error.* The sum of sampling and nonsampling error can be considered total survey error. Unlike most sample surveys which publish sampling error as their only measure of error, the CES can derive an annual approximation of total error, on a lagged basis, because of the availability of the independently derived universe data. While the benchmark error is used as a measure of total error for the CES survey estimate, technically, it actually represents the difference between two independent estimates derived from separate survey processes (i.e., the CES sample process and the UI universe process) and thus reflects the errors present in each program. Historically, the benchmark revision has been very small for total nonfarm employment. Over the past decade, percentage benchmark error has averaged 0.2 percent, with a range from zero to 0.7 percent. Table 2-D shows the most current benchmark revisions, along with 10-year mean revisions and mean absolute revisions for major industries. Mean revisions give an indication of bias in the estimates; unbiased estimates have a mean revision close to zero, as over and under estimations cancel out over time. Mean absolute revisions give an overall indicator as to the accuracy of the

**Table 2-B. March employment benchmarks and bias adjustments for total private industries, March 1985-95**  
(In thousands)

Year	Benchmark		Average monthly bias		Over-the-year employment change <sup>5</sup>
	Employment <sup>1</sup>	Revision <sup>2</sup>	Added <sup>3</sup>	Required <sup>4</sup>	
1985 .....	79,446	-131	152	141	3,075
1986 .....	81,204	-400	149	116	1,758
1987 .....	83,173	21	98	99	1,969
1988 .....	86,180	-310	114	88	3,007
1989 .....	89,015	-93	131	123	2,835
1990 .....	90,546	-261	85	63	1,531
1991 .....	88,790	-583	61	12	-1,756
1992 .....	88,347	-130	33	22	-443
1993 .....	89,790	288	83	107	1,443
1994 .....	92,730	688	115	171	2,940
1995 .....	96,175	511	144	187	3,445

<sup>1</sup> Universe counts for March of each year are used to make annual benchmark adjustments to the employment estimates. About 98 percent of the benchmark employment is from unemployment insurance administrative records, and the remaining 2 percent is from alternate sources. Data represent benchmark levels as originally computed.

<sup>2</sup> Difference between the final March sample-based estimate and the benchmark level for total private employment.

<sup>3</sup> The average amount of bias adjustment each month over the

course of an inter-benchmark period, i.e., from April of the prior year through March of the given year.

<sup>4</sup> The difference between the March benchmark and the March estimate derived solely from the sample without bias adjustment, converted to a monthly amount by dividing by 12.

<sup>5</sup> March-to-March changes in the benchmark employment level.

NOTE: Data in this table exclude government employment because there is no bias adjustment for this sector.

estimates; the larger the value, the further the estimate was from the final benchmark level.

*Estimated standard errors for employment, hours, and earnings.* The hours and earnings estimates for the basic estimating cells do not have universe data sources available and therefore are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. Like the employment estimates, the hours and earnings estimates are also subject to sampling and nonsampling errors. Estimates of the sampling error for employment, hours, and earnings were computed using the method of random groups and are expressed as relative standard errors (standard error divided by the estimate). Relative standard errors for individual industries with the specified number of employees are presented in table 2-E and for major industries in table 2-F. Multiplying the relative standard error by its estimated value gives the estimate of the standard error. The errors presented here are based on averages observed from sample data over the March 1994 through March 1995 period.

*Standard errors for differences between industries and times.* The standard error of a difference is required to test for significant differences between estimates from two different industries. Since the estimates for the two industries are independent, the standard error of a difference is the square root of the sum of the estimated variance of each estimate,  $S_1^2$  and  $S_2^2$ .

$$S \text{ difference} = \sqrt{s_1^2 + s_2^2}$$

The CES sample overlaps almost entirely from month to month, so monthly estimates are not independent. The covariance between these estimates must be accounted for when testing the significance of the change in estimates over time. The standard error of the change can be estimated as follows.

$$S \text{ change} = \sqrt{s_1^2 + s_2^2 - 2\rho s_1 s_2}$$

If  $S_1 = S_2$ , then:

$$S \text{ change} = \sqrt{2s_1^2(1 - \rho)}$$

Conservative estimates of  $\rho$  after one month are 0.8 for employment, 0.6 for average weekly hours, and 0.8 for average hourly earnings.

If the bias is small, then the standard error can be used to construct approximate confidence intervals or range of values that include the true population value. If the process of selecting a sample from the population were repeated many

times and an estimate and its standard error calculated for each sample, then approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the true population value.

*Noneconomic code changes.* A major source of benchmark revision at the major industry division level and below are noneconomic code changes, which are introduced into the universe data in the first quarter of each calendar year.

Approximately one-third of all establishments in the universe are included in the universe program's annual Standard Industrial Classification (SIC) refiling survey. Corrections to individual establishments' SIC and ownership codes are made through this process. The refiling cycle is such that every third year entire division(s) are subject to refiling. The volume of these adjustments is generally quite large and has a substantial impact on universe employment counts at the industry levels, although the total nonfarm employment level remains unaffected. For example, in a year when the services division is refiled, a substantial

**Table 2-C. Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 1995**

(Numbers in thousands)

Industry	Bench- marks	Sample coverage <sup>1</sup>		
		Number of establish- ments	Employees	
			Number	Percent of bench- marks
Total .....	115,849	329,162	44,856	39
Mining .....	576	3,605	247	43
Construction .....	4,748	26,680	950	20
Manufacturing .....	18,460	59,882	9,261	50
Transportation and public utilities .....	6,066	<sup>2</sup> 17,111	2,404	40
Wholesale trade ..	6,316	26,177	1,144	18
Retail trade .....	20,627	65,892	5,043	24
Finance, insurance, and real estate ...	6,770	24,699	2,206	33
Services .....	32,612	79,479	8,275	25
Government:				
Federal .....	2,822	( <sup>3</sup> )	2,822	100
State .....	4,777	6,122	4,013	84
Local .....	12,075	19,515	8,491	70

<sup>1</sup> Counts reflect reports used in final estimates. Because not all establishments report payroll and hours information, hours and earnings estimates are based on a smaller sample than employment estimates.

<sup>2</sup> The Interstate Commerce Commission provides a complete count of employment for Class I railroads plus Amtrak. A small sample is used to estimate hours and earnings data.

<sup>3</sup> Total Federal employment counts by agency for use in national estimates 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 5,586 reports covering about 58 percent of employment in Federal establishments.

**Table 2-D. Current (March 1995) and historical benchmark revisions**  
(Numbers in thousands)

Industry	March 1995 benchmark revision		10-year average mean percent revision <sup>1</sup>	
	Level	Percent	Actual	Absolute
Total .....	542	0.5	0	0.3
Total private .....	511	.5	0	.4
Goods-producing .....	-19	-.1	-0.3	.8
Mining .....	1	.2	-1.4	1.8
Metal mining .....	0	0	-2.4	2.8
Coal mining .....	-2	-1.9	-9	1.9
Oil and gas extraction .....	3	.9	-1.7	2.5
Nonmetallic minerals, except fuels .....	1	1.0	-.4	1.6
Construction .....	-75	-1.6	-.8	1.4
General building contractors .....	-40	-3.5	-.6	2.4
Heavy construction, except building .....	10	1.5	.2	1.9
Special trade contractors .....	-46	-1.6	-1.1	1.6
Manufacturing .....	55	.3	-.1	.7
Durable goods .....	53	.5	0	.7
Lumber and wood products .....	6	.8	-.2	1.7
Furniture and fixtures .....	9	1.7	.3	1.1
Stone, clay, and glass products .....	-3	-.6	.1	.8
Primary metal industries .....	-4	-.6	-.4	1.0
Blast furnaces and basic steel products .....	1	.4	0	1.5
Fabricated metal products .....	3	.2	-.1	.9
Industrial machinery and equipment .....	15	.7	-.4	1.2
Computer and office equipment .....	11	3.2	-.2	2.4
Electronic and other electrical equipment .....	-1	-.1	-.7	1.1
Electronic components and accessories .....	0	0	-.5	1.8
Transportation equipment .....	39	2.2	1.1	1.1
Motor vehicles and equipment .....	34	3.5	1.6	1.6
Aircraft and parts .....	6	1.3	.9	1.3
Instruments and related products .....	-7	-.8	-.2	1.8
Miscellaneous manufacturing .....	-4	-1.0	0	1.5
Nondurable goods .....	2	( <sup>a</sup> )	-.2	.7
Food and kindred products .....	-5	-.3	-.2	.9
Tobacco products .....	2	5.0	-.6	4.7
Textile mill products .....	10	1.5	0	.8
Apparel and other textile products .....	15	1.6	-.2	1.3
Paper and allied products .....	4	.6	.1	.7
Printing and publishing .....	-14	-.9	-.5	.9
Chemicals and allied products .....	-11	-1.1	-.2	.8
Petroleum and coal products .....	1	.7	-.3	1.8
Rubber and miscellaneous plastics products .....	3	.3	.2	1.5
Leather and leather products .....	-3	-2.8	-.7	2.6
Service-producing .....	561	.6	0	.3
Transportation and public utilities .....	-43	-.7	-.2	.9
Transportation .....	-18	-.5	-.4	1.3
Railroad transportation .....	0	0	-.7	1.2
Local and interurban passenger transit .....	-20	-4.7	.5	2.2
Trucking and warehousing .....	-12	-.7	-.2	1.5
Water transportation .....	11	6.5	0	4.0
Transportation by air .....	17	2.2	-.8	1.9
Pipelines, except natural gas .....	-2	-13.3	0	4.5
Transportation services .....	-12	-2.9	-1.2	2.9
Communications and public utilities .....	-25	-1.1	.1	.8
Communications .....	-32	-2.4	.2	1.3
Electric, gas, and sanitary services .....	5	.5	-.1	.7
Wholesale trade .....	73	1.2	-.4	1.3
Durable goods .....	55	1.5	-.6	1.6
Nondurable goods .....	18	.7	-.2	1.0

See footnotes at end of table.

**Table 2-D. Current (March 1995) and historical benchmark revisions—Continued**  
(Numbers in thousands)

Industry	March 1995 benchmark revision		10-year average mean percent revision <sup>1</sup>	
	Level	Percent	Actual	Absolute
Retail trade .....	327	1.6	.4	.7
Building materials and garden supplies .....	17	2.0	.5	1.6
General merchandise stores .....	120	4.7	2.2	2.7
Department stores .....	110	4.9	2.8	3.5
Food stores .....	7	.2	-.4	.9
Automotive dealers and service stations .....	-20	-.9	-1.2	1.2
New and used car dealers .....	-6	-.6	-.4	1.1
Apparel and accessory stores .....	32	2.9	1.1	1.6
Furniture and home furnishings stores .....	-3	-.3	-.7	1.2
Eating and drinking places .....	133	1.9	.6	1.2
Miscellaneous retail establishments .....	41	1.6	.2	.9
Finance, insurance, and real estate .....	-120	-1.8	-.3	1.1
Finance .....	-79	-2.4	-.7	1.2
Depository institutions .....	-31	-1.5	-1.1	1.5
Commercial banks .....	-25	-1.7	-.5	.8
Savings institutions <sup>3</sup> .....	-9	-3.2	-4.7	6.9
Nondepository institutions .....	-25	-5.5	.5	2.0
Mortgage bankers and brokers .....	-25	-12.6	.7	5.4
Security and commodity brokers .....	-8	-1.5	.1	1.3
Holding and other investment offices .....	-16	-7.1	-1.8	4.7
Insurance .....	-5	-.2	.4	1.2
Insurance carriers .....	4	.3	.7	1.5
Insurance agents, brokers, and service .....	-9	-1.3	-.2	1.8
Real estate .....	-36	-2.7	-.5	1.6
Services <sup>4</sup> .....	293	.9	.1	.6
Agricultural services .....	-4	-.8	2.4	2.6
Hotels and other lodging places .....	42	2.6	.7	1.5
Personal services .....	4	.3	.5	1.5
Business services .....	134	2.0	.3	1.7
Services to buildings .....	9	1.0	.9	1.9
Personnel supply services .....	58	2.5	1.4	3.9
Help supply services <sup>3</sup> .....	49	2.3	1.7	3.3
Computer and data processing services .....	28	2.7	-1.1	2.8
Auto repair, services, and parking .....	-7	-.7	-1.1	1.5
Miscellaneous repair services .....	14	4.0	-1.3	4.8
Motion pictures .....	-96	-20.0	-1.9	4.6
Amusement and recreation services .....	-32	-2.5	.5	3.0
Health services .....	-28	-.3	-.8	.9
Offices and clinics of medical doctors .....	14	.9	-1.4	2.0
Nursing and personal care facilities .....	-1	-.1	-.9	1.1
Hospitals .....	-37	-1.0	-.7	.8
Home health care services <sup>3</sup> .....	13	2.1	1.0	2.9
Legal services .....	-9	-1.0	-.2	1.4
Educational services .....	90	4.3	1.3	3.1
Social services .....	61	2.6	-.6	1.9
Child day care services .....	42	7.3	-2.7	5.0
Residential care .....	5	.8	0	1.7
Museums and botanical and zoological gardens .....	-2	-2.7	1.5	2.8
Membership organizations .....	72	3.4	2.6	3.2
Engineering and management services <sup>3</sup> .....	37	1.4	.5	1.6
Engineering and architectural services .....	11	1.4	-1.0	1.9
Management and public relations <sup>3</sup> .....	9	1.2	2.3	3.5
Services, nec .....	2	4.7	-.5	1.4
Government .....	31	.2	0	.3
Federal .....	0	0	0	0
Federal, except Postal Service .....	0	0	0	0
State .....	41	.9	.3	.6
Education .....	22	1.1	.6	.9
Other State government .....	20	.7	.1	.6
Local .....	-10	-.1	-.1	.3
Education .....	-34	-.5	-.2	.4
Other local government .....	24	.5	0	.4

<sup>1</sup> Data relate to the 1985-94 benchmarks, as originally published, unless otherwise noted.

<sup>2</sup> Less than 0.05 percent.

<sup>3</sup> Data relate to 1989-95.

<sup>4</sup> Includes other industries, not shown separately.

**Table 2-E. Relative standard errors<sup>1</sup> for estimates of employment, hours, and earnings**  
(In percent)

Size of employment estimate	Employment	Average weekly hours	Average hourly earnings
50,000 .....	1.4	1.9	3.2
100,000 .....	1.1	1.5	2.6
200,000 .....	.8	1.2	2.2
500,000 .....	.6	.9	1.7
1,000,000 .....	.4	.7	1.3
2,000,000 .....	.3	.6	1.1

<sup>1</sup> Relative errors were estimated with sample data from March 1994-March 1995.

**Table 2-F. Relative standard errors<sup>1</sup> for estimates of employment, hours, and earnings by industry**  
(In percent)

Industry	Employment	Average weekly hours	Average hourly earnings
Total private .....	0.1	0.1	0.2
Mining .....	.8	.6	1.1
Construction .....	.4	.1	.3
Manufacturing .....	.1	.1	.4
Durable goods .....	.1	.1	.5
Nondurable goods .....	.1	.1	.5
Transportation and public utilities .....	.3	.5	1.0
Wholesale trade .....	.2	.2	.4
Retail trade .....	.1	.1	.3
Finance, insurance, and real estate .....	.2	.2	.7
Services .....	.2	.2	.4

<sup>1</sup> Relative errors were estimated with sample data from March 1994-March 1995.

amount of employment is usually reclassified out of services to other major divisions, thus, lowering the benchmark level for services, and potentially causing a significant downward revision in the services employment totals previously published.

*Revisions between preliminary and final data.* First preliminary estimates of employment, hours, and earnings, based on less than the total sample, are published immediately following the reference month. Final revised sample-

based estimates are published 2 months later when nearly all the reports in the sample have been received. Table 2-G presents the root-mean-square error, the mean percent, and the mean absolute percent revision that may be expected between the preliminary and final employment estimates.

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, at the total private nonfarm level, and may be slightly larger for the more detailed industry groupings.

## STATISTICS FOR STATES AND AREAS

### (Tables B-7, B-14, and B-18)

As explained earlier, State agencies in cooperation with BLS collect and prepare State and area employment, hours, and earnings data. These statistics are based on the same establishment reports used by BLS, however, BLS uses the full CES sample to produce monthly national employment estimates, while each State agency uses its portion of the sample to independently develop a State employment estimate.

The CES 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.

*Caution in aggregating State data.* The national estimation procedures used by BLS are designed to produce accurate national data by detailed industry; correspondingly the State estimation procedures are designed to produce accurate data for each individual State. State estimates are not forced to sum to national totals nor vice versa. Because each State series is subject to larger sampling and nonsampling errors than the national series, summing them cumulates individual State level errors and can cause distortions at an aggregate level. This has been a particular problem at turning points in the U.S. economy, when the majority of the individual State errors tend to be in the same direction. Due to these statistical limitations, the Bureau does not compile or publish a "sum-of-States" employment series. Additionally, BLS cautions users that such a series is subject to a relatively large and volatile error structure, particularly at turning points.

**Table 2-G. Errors of preliminary employment estimates**

Industry	Root-mean-square error of monthly level <sup>1</sup>	Mean percent revision	
		Actual	Absolute
Total .....	65,200	0	0
Total private .....	54,300	0	0
Goods-producing .....	15,500	0	0.1
Mining .....	2,200	-0.1	.3
Metal mining .....	400	0	.5
Coal mining .....	900	-.1	.5
Oil and gas extraction .....	2,200	-.1	.4
Nonmetallic minerals, except fuels .....	400	0	.3
Construction .....	9,600	.1	.2
General building contractors .....	4,200	.1	.3
Heavy construction, except building .....	3,900	.1	.4
Special trade contractors .....	6,200	.1	.2
Manufacturing .....	11,000	0	0
Durable goods .....	7,500	0	.1
Lumber and wood products .....	1,300	.1	.1
Furniture and fixtures .....	1,300	0	.2
Stone, clay, and glass products .....	1,200	0	.2
Primary metal industries .....	1,800	0	.2
Blast furnaces and basic steel products .....	1,500	-.1	.4
Fabricated metal products .....	2,100	0	.1
Industrial machinery and equipment .....	2,500	0	.1
Computer and office equipment .....	1,200	0	.3
Electronic and other electrical equipment .....	2,400	.1	.1
Electronic components and accessories .....	1,300	0	.2
Transportation equipment .....	4,000	0	.2
Motor vehicles and equipment .....	3,600	.1	.3
Aircraft and parts .....	1,400	0	.2
Instruments and related products .....	2,000	0	.2
Miscellaneous manufacturing .....	1,300	0	.3
Nondurable goods .....	5,900	0	.1
Food and kindred products .....	3,400	-.1	.2
Tobacco products .....	400	0	.7
Textile mill products .....	1,300	0	.1
Apparel and other textile products .....	2,500	.1	.2
Paper and allied products .....	1,200	0	.1
Printing and publishing .....	1,800	.1	.1
Chemicals and allied products .....	1,700	-.1	.1
Petroleum and coal products .....	1,000	-.1	.4
Rubber and miscellaneous plastics products .....	1,700	0	.1
Leather and leather products .....	700	0	.5
Service-producing .....	60,400	0	.1
Transportation and public utilities .....	8,900	-.1	.1
Transportation .....	7,700	-.1	.2
Railroad transportation .....	2,400	-.2	.7
Local and interurban passenger transit .....	3,900	-.1	.6
Trucking and warehousing .....	5,200	-.1	.2
Water transportation .....	2,000	0	.9
Transportation by air .....	2,400	-.1	.3
Pipelines, except natural gas .....	200	-.4	.8
Transportation services .....	1,200	-.1	.3
Communications and public utilities .....	4,800	0	.2
Communications .....	4,500	0	.2
Electric, gas, and sanitary services .....	1,900	0	.2
Wholesale trade .....	7,400	.1	.1
Durable goods .....	3,900	0	.1
Nondurable goods .....	5,000	.1	.1

See footnotes at end of table.

**Table 2-G. Errors of preliminary employment estimates—Continued**

Industry	Root-mean-square error of monthly level <sup>1</sup>	Mean percent revision	
		Actual	Absolute
Retail trade .....	34,300	.1	.1
Building materials and garden supplies .....	2,500	0	.2
General merchandise stores .....	16,200	.1	.5
Department stores .....	15,200	.1	.5
Food stores .....	6,300	0	.1
Automotive dealers and service stations .....	2,900	-.1	.1
New and used car dealers .....	1,300	-.1	.1
Apparel and accessory stores .....	5,900	.2	.4
Furniture and home furnishings stores .....	4,000	0	.3
Eating and drinking places .....	13,000	.1	.2
Miscellaneous retail establishments .....	8,600	.1	.3
Finance, insurance, and real estate .....	6,800	0	.1
Finance .....	4,100	0	.1
Depository institutions .....	3,000	-.1	.1
Commercial banks .....	2,500	-.1	.1
Savings institutions .....	1,200	0	.2
Nondepository institutions .....	1,400	0	.2
Mortgage bankers and brokers .....	1,000	0	.4
Security and commodity brokers .....	1,000	0	.2
Holding and other investment offices .....	1,700	-.1	.5
Insurance .....	3,100	0	.1
Insurance carriers .....	2,700	0	.1
Insurance agents, brokers, and service .....	1,000	.1	.1
Real estate .....	3,000	0	.2
Services <sup>2</sup> .....	30,900	0	.1
Agricultural services .....	3,200	.1	.5
Hotels and other lodging places .....	6,100	-.1	.3
Personal services .....	8,700	-.1	.5
Business services .....	13,000	.1	.2
Services to buildings .....	3,000	0	.3
Personnel supply services .....	10,500	.2	.4
Help supply services .....	9,800	.1	.4
Computer and data processing services .....	2,400	0	.2
Auto repair, services, and parking .....	1,900	0	.2
Miscellaneous repair services .....	1,200	-.1	.3
Motion pictures .....	5,900	-.1	.9
Amusement and recreation services .....	12,600	.4	.8
Health services .....	5,200	0	.1
Offices and clinics of medical doctors .....	2,900	.1	.1
Nursing and personal care facilities .....	2,000	0	.1
Hospitals .....	3,000	0	.1
Home health care services .....	1,600	.1	.3
Legal services .....	1,100	0	.1
Educational services .....	12,500	0	.6
Social services .....	7,900	.1	.3
Child day care services .....	4,200	.3	.6
Residential care .....	1,400	0	.2
Museums and botanical and zoological gardens .....	700	.1	.7
Membership organizations .....	3,900	0	.2
Engineering and management services .....	4,500	0	.1
Engineering and architectural services .....	2,300	0	.2
Management and public relations .....	2,600	.1	.3
Services, nec .....	400	.1	.8
Government .....	27,700	.1	.1
Federal .....	11,600	.1	.3
Federal, except Postal Service .....	10,700	.1	.4
State .....	12,700	0	.2
Education .....	11,500	0	.5
Other State government .....	6,000	0	.2
Local .....	21,200	.1	.1
Education .....	18,000	.1	.2
Other local government .....	13,500	0	.2

<sup>1</sup> The root-mean-square error is the square root of the mean squared error. The mean squared error is the square of the difference between the final and preliminary estimates averaged across a series of monthly observations.

<sup>2</sup> Includes other industries, not shown separately.

NOTE: Errors are based on differences from January 1991 through December 1995.

# Region, State, and Area Labor Force Data ("C" tables)

## 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 derive from standardized procedures developed by BLS are the basis for determining eligibility of an area for benefits under Federal programs such as the Job Training Partnership Act.

Annual average data for the States and over 270 areas shown in table C-3 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 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, DC 20402. The report "Unemployment in States and Local Areas" is published monthly through GPO and is available in microfiche form only, on a subscription basis.

## ESTIMATING METHODS

Monthly labor force, employment, and unemployment estimates are prepared for the 50 States, the District of Columbia, and over 6,500 areas, including nearly 2,400 LMA's, counties, and cities with a population of 25,000 or more. The estimation methods are described below for States (and the District of Columbia) and for sub-State areas. At the sub-LMA (county and city) level, estimates are prepared using disaggregation techniques based on decennial and annual population estimates and current unemployment insurance data. A more detailed description of the estimation procedure is contained in the BLS document, *Manual for Developing Local Area Unemployment Statistics*.

### Estimates for States

*Current monthly estimates.* Effective January 1996, civilian labor force and unemployment estimates for all States and the District of Columbia are produced using models based on a "signal-plus-noise" approach. The model of the signal is a time series model of the true labor force which consists of three components: A variable coefficient

regression, a flexible trend, and a flexible seasonal component. The regression techniques are based on historical and current relationships found within each State's economy as reflected in the different sources of data that are available for each State—the Current Population Survey (CPS), the Current Employment Statistics (CES) survey, and the unemployment insurance (UI) system. The noise component of the models explicitly accounts for auto correlation in the CPS sampling error and changes in the average magnitude of the error. In addition, the models can identify and remove the effects of outliers in the historical CPS series. While all the State models have important components in common, they differ somewhat from one another to better reflect individual State characteristics.

Two models—one for the employment-to-population ratio and one for the unemployment rate—are used for each State. The employment-to-population ratio, rather than the employment level, and the unemployment rate, rather than the unemployment level, are estimated primarily because these ratios are usually more meaningful for economic analysis.

The employment-to-population ratio models use the relationship between the State's monthly employment from the CES and the CPS. The models also include trend and seasonal components to account for movements in the CPS not captured by the CES series. The seasonal component accounts for the seasonality in the CPS not explained by the CES, while the trend component adjusts for long-run systematic differences between the two series.

The unemployment rate models use the relationship between the State's monthly unemployment insurance (UI) claims data and the CPS unemployment rate, along with trend and seasonal components.

In both the employment-to-population ratio and unemployment rate models, an important feature is the use of a technique that allows the equations to adjust automatically to structural changes that occur. The regression portion of the model includes a built-in tuning mechanism, known as the Kalman Filter, which revises a model's coefficients when the new data that become available each month indicate that changes in the data relationships have taken place. Once the estimates are developed from the models, levels are calculated for employment, unemployment, and labor force.

*Benchmark correction procedures.* Once each year, monthly estimates for all States and the District of Columbia are adjusted, or benchmarked, by BLS to the annual average CPS estimates. The benchmarking technique employs a procedure (called the Denton method) which adjusts the annual average of the models to equal the CPS annual aver-



age, while preserving, as much as possible, the original monthly seasonal pattern of the model estimates.

### **Estimates for sub-State areas**

Monthly labor force, employment, and unemployment estimates for two large sub-State areas—New York City and the Los Angeles-Long Beach metropolitan area—are obtained using the same modeling approach as for states. Estimates for the nearly 2,400 remaining LMA's, are prepared through indirect estimation techniques, described below.

*Preliminary estimate—employment.* The total civilian employment estimates are based largely on CES data. These “place-of-work” estimates 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 on the basis of employment relationships at the time of the 1990 decennial census. These factors are applied to the CES estimates for the current period to obtain adjusted employment estimates, to which are added estimates for employment not represented in the CES—agricultural employees, nonagricultural self-employed and unpaid family workers, and private household workers.

*Preliminary estimate—unemployment.* In the current month,

the estimate of unemployment is an aggregate of the estimates for each of two categories: (1) Persons who were previously employed in industries covered by State UI laws; and (2) those who were entering the civilian labor force for the first time or reentering after a period of separation.

*Sub-State adjustment for additivity.* Estimates of employment and unemployment are prepared for the State and all LMA's within the State. The LMA estimates geographically exhaust the entire State. Thus, a proportional adjustment is applied to all sub-State preliminary LMA estimates to ensure that they add to the independently estimated State totals for employment and unemployment. For California and New York, the proportional adjustment is applied to all LMA's other than the two modeled areas, to ensure that the LMA estimates sum to an independent model-based estimate for the balance of State.

*Benchmark correction.* At the end of each year, sub-State estimates are revised. The revisions incorporate any changes in the inputs, such as revisions in the CES-based employment figures, corrections in UI claims counts, and updated historical relationships. The updated estimates are then re-adjusted to add to the revised (benchmarked) State estimates of employment and unemployment.

# 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 non-seasonal 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, because 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 monthly in *Employment and Earnings*.

## Household data

Since January 1980, national labor force data have been seasonally adjusted with a procedure called *X-11 ARIMA* (Auto-Regressive Integrated Moving Average), which was developed at Statistics Canada as an extension of the 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, January 1983.

BLS uses an extension of X-11 ARIMA to allow it to adjust more adequately for the effects of the presence or absence of religious holidays in the April survey reference period and of Labor Day in the September reference period. This extension was applied for the first time at the end of 1989 to three persons-at-work labor force series which tested as having significant and well-defined effects in their April data associated with the timing of Easter.

At the beginning of each calendar year, projected seasonal adjustment factors are calculated for use during the January-June period. In July of each year, BLS calculates and publishes in *Employment and Earnings* projected seasonal adjustment factors for use in the second half, based on the experience through June. Revisions of historical data, usually for the most recent 5 years, are made only 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. In 1994, data were revised only for that year because of the major redesign and

1990 census-based population controls, adjusted for the estimated undercount, introduced into the Current Population Survey. In 1996, 1990-93 data also were revised to incorporate these 1990 census-based population controls and seasonally adjusted series were revised back to 1990. Subsequent revisions are only carried back to 1994.

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 a sum of eight seasonally adjusted civilian employment components and four seasonally adjusted unemployment components. The total for unemployment is the sum of the four unemployment components, and the 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.

In each January issue (March issue in 1996), *Employment and Earnings* publishes revised seasonally adjusted data for selected labor force series based on the experience through December, new seasonal adjustment factors to be used to calculate the civilian unemployment estimate for the first 6 months of the following year, and a description of the current seasonal adjustment procedure.

## Establishment data

Beginning in June 1996, with the release of the March 1995 benchmark revisions, BLS utilizes X-12 ARIMA software developed by the Bureau of the Census to seasonally adjust national establishment-based employment, hours, and earnings series. The X-12 ARIMA replaces the X-11 ARIMA, which had been used to adjust these series since the early 1980's. All national establishment-based series were revised back to 1988.

The conversion to X-12 ARIMA allows BLS to refine its seasonal adjustment procedures to control for survey interval variations, sometime referred to as the 4-vs. 5-week effect. While the CES survey is referenced to a consistent concept, the pay period including the 12th day of the month, inconsistencies arise because there are variations of 4 or 5 weeks between the week of the 12th in any given pair of months. In highly seasonal months and industries, this variation can be an important determinant of the magnitude of

seasonal hires or layoffs that have occurred at the time the survey is taken, thereby complicating seasonal adjustment. The interval effect adjustment is accomplished through the REGARIMA (regression with auto-correlated errors) option in the X-12 software. This process combines standard regression analysis, which measures correlations between two or more variables, with ARIMA modeling, which describes and predicts the behavior of a data series based on its own past history. In this application, the correlations of interest are those between employment levels in individual calendar months and the length of the survey intervals for those months. The REGARIMA models estimate and remove the variation in employment levels attributable to 11 separate survey intervals, one specified for each month, except March. March is excluded because there are always 4 weeks between the February and March surveys.

Projected seasonal factors for the establishment-based series are calculated and published twice a year, paralleling the procedure used for the household series. Revisions to historical data are made once a year, coincident with benchmark revisions. All series are seasonally adjusted using multiplicative models in X-12; additive models are not considered. Seasonal adjustment factors are computed and applied at component levels. For employment series, these are generally the 2-digit SIC levels. Seasonally adjusted totals are arithmetic aggregations for employment series and weighted averages of the seasonally adjusted data for hours and earnings series.

Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1982 annual average base. For total private, total goods-producing, total private service-producing, and major industry divisions, 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 1982 annual average 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, however, are used in the aggregation to broader level seasonally adjusted series.

Seasonal adjustment factors for Federal Government employment are derived from unadjusted data which include Christmas temporary workers employed by the Postal Service. The number of temporary census workers for the decennial census, however, are removed prior to the calcu-

lation of seasonal adjustment factors.

BLS also makes special adjustments for floating holidays for the establishment-based series on average weekly hours and manufacturing overtime hours. From 1988 forward, these adjustments are now accomplished as part of the X-12 ARIMA/REGARIMA modeling process rather than through the previously used moving-holiday extension of X-11 ARIMA. The special adjustment made in November each year to adjust for the effect of poll workers in the local government employment series also is incorporated into the X-12 process from 1988 forward; this replaces the X-11 ARIMA-based procedure previously used to account for this effect.

Revised seasonally adjusted national establishment-based series based on the experience through March 1996, new seasonal adjustment factors for March-October 1996, and a description of the current seasonal adjustment procedure appear in the June 1996 issue of *Employment and Earnings*. Revised factors for the September 1996-April 1997 period will appear in the December issue.

Beginning in 1993, BLS introduced publication of seasonally adjusted nonfarm payroll employment data by major industry for all States and the District of Columbia (table B-7). Seasonal adjustment factors are applied directly to the employment estimates at the division level (component series for manufacturing and trade) and then aggregated to the State totals. The recomputation of seasonal factors and historical revisions are made coincident with the annual benchmark adjustments. State estimation procedures are designed to produce accurate (unadjusted and seasonally adjusted) data for each individual State. BLS independently develops a national employment series; State estimates are not forced to sum to national totals. Because each State series is subject to larger sampling and nonsampling errors than the national series, summing them cumulates individual State level errors and can cause significant distortions at an aggregate level. Due to these statistical limitations, BLS does not compile a "sum-of-States" employment series, and cautions users that such a series is subject to a relatively large and volatile error structure.

### **Region and State labor force data**

Beginning in 1992, BLS introduced publication of seasonally adjusted labor force data for the census regions and divisions, the 50 States, and the District of Columbia (tables C-1 and C-2). Using the X-11 ARIMA procedure, seasonal adjustment factors are computed and applied independently to the component employment and unemployment levels and then aggregated to regional or State totals. Current seasonal adjustment factors are produced for 6-month periods twice a year. Historical revisions usually are made at the beginning of each calendar year. Because of the separate processing procedures, totals for the Nation, as a whole, differ from the results obtained by aggregating regional or State data.

# INDEX TO STATISTICAL TABLES

**TABLE KEY: A: Monthly household data; B: Monthly national and State and area establishment data; C: Monthly regional, State, and area labor force data; D: Quarterly, household data only, in the January, April, July, and October issues. Annual averages: Household data in the January issue; national establishment data in the January, March, and June issues; State and area establishment and labor force data in the May issue. For additional information see the listing on the inside front cover of this publication.**

Topic	Monthly		Quarterly averages		Annual averages
	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	
Absences from work .....					44-45
Aggregate weekly hours (Index) .....	B-9				
Agricultural industries .....	A-1-3, 6, 10	A-14,19-20, 28,33	D-1, 4, 8	D-11-14	A-1-2; 1-2, 5-6,12-13, 15, 17-18, 26, 32
At work .....	A-6	A-21-25	D-4		19-23
Class of worker .....	A-6	A-20	D-4	D-13-14	12-13, 15-16
Diffusion Index .....	B-6				
Discouraged workers .....		A-34			35
Earnings, hourly .....	B-11	B-2, 15-18			B-2, 15-17; 50; 2
Earnings, weekly .....	B-11	B-2, 15, 15a, 17-18		D-19-21	B-2, 15, 15a, 17; 37-39, 50; 2
Educational attainment and school enrollment .....		A-15			7
Employment by:					
Age .....	A-3-5, 7	A-13-17, 20	D-1-3, 5	D-11-12, 15	3-9, 14-15
Hispanic origin .....	A-4	A-15	D-2	D-11-15	4-7, 11-13, 18
Industry .....	B-3-5, 7	A-19; B-12-14			B-1, 12-13; 16-18; 1
Occupation .....	A-6	A-17-19	D-4	D-13-14	9-13, 17
Race .....	A-4	A-13-16, 18	D-2	D-11, 13, 15	3, 5, 7-8, 10-12, 14, 17-18
Sex .....	A-2-7; B-4	A-13-18, 20; B-13	D-1-5	D-11-15	B-13; 2-18
Full-time workers .....	A-5	A-16, 31	D-3	D-13-14	8, 12-13, 30
Historical data .....					A-1-2; B-1-2; 1-2
Hours of work .....	B-8-10	A-21-25; B-2, 15, 18			B-15; 19-23, 50; 2
Jobsearch methods .....					33-34
Marital status .....	A-6, 10	A-26, 32	D-4, 8		24, 31
Multiple jobholders .....		A-35			36
Nonagricultural industries .....	A-1-3, 6	A-14, 20	D-1, 4		A-1-2; 1-2, 5-6,12-13, 15
Not in the labor force .....		A-34			35
Part-time workers .....	A-5	A-16	D-3	D-13-14	8,12-13
Production or nonsupervisory workers .....	B-5, 8-9, 11	B-12, 15-18			B-12, 15-17; 49-50
State, region, and area data .....	B-7; C-1-2	B-14, 18; C-3			1-3
Unemployment by:					
Age .....	A-3-5, 8-9	A-13-16, 26, 29-30, 32	D-1-2, 6-7	D-11-12, 16	3-8, 24, 27, 29, 33
Duration .....	A-12	A-30-33	D-10	D-18	29-32
Hispanic origin .....	A-4	A-15	D-2	D-11-12, 16-18	4-7, 28
Industry of last job .....	A-10	A-28, 33	D-8		26, 32
Occupation of last job .....	A-10	A-27, 33	D-8		25, 32
Race .....	A-4	A-13-16, 26, 29, 32	D-2	D-11,16-20	3, 5, 7-8, 24, 28, 31, 33
Reason .....	A-11	A-29-30	D-9	D-17	27-29
Sex .....	A-2-5, 8-9	A-13-16, 26-30, 32	D-1-2, 6-7	D-11-12,16	2-8, 24, 25-27, 29, 31, 33-35
Union affiliation .....					40-43
Veterans, Vietnam-era .....		A-36		D-22-23	46-47

**U.S. DEPARTMENT OF LABOR  
Bureau of Labor Statistics**

Regional Office	Cooperating State Agencies Current Employment Statistics (CES) and State and Local Area Unemployment Statistics (LAUS) Programs	
	<b>BLS Region</b>	<b>BLS Region</b>
REGION I—BOSTON JFK Federal Building Rm. E310 Boston, MA 02203 Phone: (617) 565-2327	IV ALABAMA Department of Industrial Relations, Room 427, Industrial Relations Bldg., Montgomery 36130	VIII MONTANA Department of Labor and Industry, P.O. Box 1728, Helena 59624
REGION II—NEW YORK Room 808 201 Varick Street New York, NY 10014 Phone: (212) 337-2400	X ALASKA Department of Labor, Research and Analysis Section, 1111 West 8th St., Juneau 99802-5501	VII NEBRASKA Department of Labor, P.O. Box 94600, Lincoln 68509-4600
REGION III—PHILADELPHIA 3535 Market Street P.O. Box 13309 Philadelphia, PA 19101 Phone: (215) 596-1154	IX ARIZONA Department of Economic Security, 1300 West Washington St., Phoenix 85005	IX NEVADA Employment Security Department, 500 East 3rd St., Carson City 89713
REGION IV—ATLANTA Room 7T50 61 Forsyth Street, SW. Atlanta, GA 30303 Phone: (404) 562-2463	VI ARKANSAS Employment Security Department, P.O. Box 2981, Little Rock 72203-2981	I NEW HAMPSHIRE Department of Employment Security, 32 South Main St., Concord 03301
REGION V—CHICAGO 9th Floor 230 South Dearborn Street Chicago, IL 60604 Phone: (312) 353-1880	IX CALIFORNIA Employment Development Department, Employ- ment Data and Research Division, 7000 Franklin Blvd., Bldg. 1100, Sacramento 95823	II NEW JERSEY Department of Labor, Division of Planning and Research, P.O. Box 2765, Trenton 08625
REGION VI—DALLAS Room 221 Federal Building 525 Griffin Street Dallas, TX 75202 Phone: (214) 767-6970	VIII COLORADO Department of Labor and Employment, Suite 801, 1120 Lincoln Street, Denver 80203	VI NEW MEXICO Employment Security Commission, 401 Broad- way, TIWA Bldg., Albuquerque 87103
REGIONS VII and VIII— KANSAS CITY City Center Square 1100 Main, Suite 600 Kansas City, MO 64105-2112 Phone: (816) 426-2481	I CONNECTICUT Labor Department, Employment Security Division, 200 Folly Brook Blvd., Wethersfield 06109	II NEW YORK Department of Labor, Division of Research and Statistics, State Campus, Room 400, Bldg. 12, Albany 12240-0020
REGIONS IX and X— SAN FRANCISCO 71 Stevenson Street P.O. Box 193766 San Francisco, CA 94119 Phone: (415) 975-4384	III DELAWARE Department of Labor, Office of Occupational and Labor Market Information, P.O. Box 9029, Newark 19714-9029	IV NORTH CAROLINA Employment Security Commission, Labor Market Information Division, P.O. Box 25903, Raleigh 27611
	III DIST. OF COL. Department of Employment Services, Division of Labor Market Information and Analysis, Room 201, 500 C St., NW., Washington, DC 20001	VIII NORTH DAKOTA Job Service, P.O. Box 15317, Bismarck 58502
	IV FLORIDA Florida Department of Labor and Employment Security, Bureau of Labor Market Information, Suite 203, 2574 Seagate Dr., Tallahassee 32399-0674	V OHIO Bureau of Employment Services, Labor Market Information Division, 1160 Dublin Rd., Columbus 43215
	IV GEORGIA Department of Labor, Labor Information Systems, 148 International Blvd., NE., Atlanta 30303	VI OKLAHOMA Employment Security Commission, Research and Planning Division, 2401 North Lincoln, Oklahoma City 73105
	IX HAWAII Department of Labor and Industrial Relations, Research and Statistics Office, Room 304, 830 Punchbowl St., Honolulu 96813	X OREGON Employment Division, 875 Union St., NE., Salem 97311
	X IDAHO Department of Employment, 317 Main St., Boise 83735	III PENNSYLVANIA Bureau of Research and Statistics 300 Capitol Associates Building Harrisburg, PA 17120-0034
	V ILLINOIS Department of Employment Security, (2 South), 401 South State St., Chicago 60605	II PUERTO RICO Department of Labor and Human Resources, Bureau of Labor Statistics, 17th Fl., 505 Munoz Rivera Avenue, Hato Rey 00918 (CES), Bureau of Employment Security, Research and Analysis Section, 15th Fl., 505 Munoz Rivera Avenue, Hato Rey 00918 (LAUS)
	V INDIANA Department of Employment and Training Services, Statistical Services Division, 10 North Senate Avenue, Indianapolis 46204	I RHODE ISLAND Department of Employment Security, 24 Mason St., Providence 02903
	VII IOWA Department of Employment Services, 1000 East Grand Avenue, Des Moines 50319	IV SOUTH CAROLINA Employment Security Commission, Labor Market Information Division, P.O. Box 995, Columbia 29202
	VII KANSAS Department of Human Resources, 401 Topeka Avenue, Topeka 66603	VIII SOUTH DAKOTA Department of Labor, Labor Market Information Center, P.O. Box 4730, Aberdeen 57401
	IV KENTUCKY Department for Employment Services, Labor Market Research and Analysis Branch, 275 East Main St., Frankfort 40621	IV TENNESSEE Department of Employment Security, Research and Statistics Division, 519 Cordell Hill Office Bldg., Nashville 37219
	VI LOUISIANA Department of Labor, Research and Statistics Section, 1001 North 23rd St., Baton Rouge 70804-9094	VI TEXAS Employment Commission, Room 208 T, 1117 Trinity St., Austin 78778
	I MAINE Department of Labor, Division of Economic Analysis and Research, 20 Union St., Augusta 04330	VIII UTAH Department of Employment Security, Labor Market Information Services, P.O. Box 11249, Salt Lake City 84147
	III MARYLAND Department of Employment and Training, Research and Analysis Division, 1100 North Eutaw St., Baltimore 21201	I VERMONT Department of Employment and Training, Office of Policy and Public Information, P.O. Box 488, Montpelier 05602
	I MASSACHUSETTS Department of Employment and Training, Government Center, Charles F. Hurley Bldg., Boston 02114	III VIRGINIA Employment Commission, Economic Information Services, P.O. Box 1358, Richmond 23211
	V MICHIGAN Employment Security Commission, Research and Statistics Division, Room 516, 7310 Woodward Avenue, Detroit 48202	II VIRGIN ISLANDS Department of Labor, Bureau of Labor Statistics, 53-A, 54-A&B Kronprindsens Gade Charlotte Amalie, St. Thomas 00801-3359 (CES)
	V MINNESOTA Department of Jobs and Training, Research and Statistics Division, 5th Fl., 390 North Robert St., St. Paul 55101	X WASHINGTON Employment Security Department, Labor Market and Economic Analysis Branch, 605 Woodview Dr., Olympia 98503
	IV MISSISSIPPI Employment Security Commission, Labor Market Information Division, P.O. Box 1699, Jackson 39215-1699	III WEST VIRGINIA Department of Employment Security, Division of Labor and Economic Security, 112 California Avenue, Charleston 25305
	VII MISSOURI Division of Employment Security, P.O. Box 59, Jefferson City 65104	V WISCONSIN Department of Industry, Labor, and Human Relations, Labor Market Information Bureau, 201 East Washington Avenue, Madison 53707
		VIII WYOMING Employment Security Commission, Research and Analysis Section, P.O. Box 2760, Casper 82602