

# EMPLOYMENT & EARNINGS

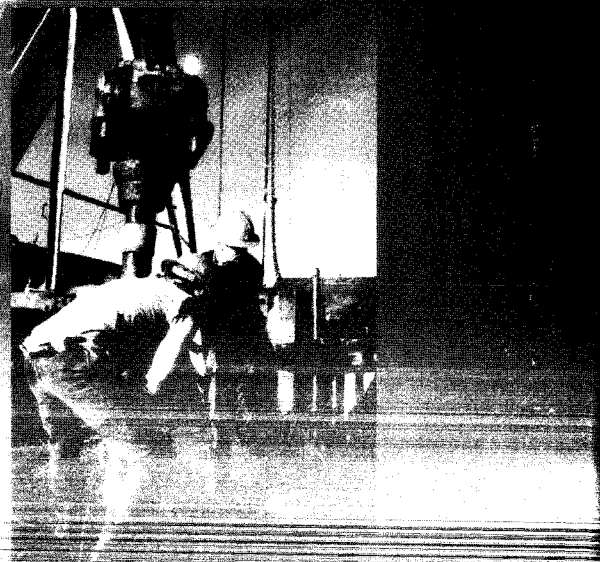


June 2003

*In this issue:*

**Revisions to national establishment data  
effective May 2003**

**Revised annual averages for  
household data**



U.S. Department of Labor

Bureau of Labor Statistics



## U.S. DEPARTMENT OF LABOR

Elaine L. Chao, *Secretary*

### BUREAU OF LABOR STATISTICS

Kathleen P. Utgoff, *Commissioner*

*Employment & Earnings* (ISSN 0013-6840; USPS 485-010), is published monthly and prepared in the Office of Employment and Unemployment Statistics in collaboration with the Office of Publications. The data are collected by the U.S. Census Bureau (Department of Commerce) and State Employment Security Agencies, in cooperation with the Bureau of Labor Statistics. The State agencies are listed on the inside back cover.

*Employment & 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 \$53 domestic and \$74.20 foreign. Single copy \$27 domestic and \$37.80 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) 512-1800. POSTMASTER: Send address changes to *Employment & Earnings*, U.S. Government Printing Office, Washington, DC 20402.

Communications on material in this publication should be addressed to: Editors, *Employment & Earnings*, Bureau of Labor Statistics, Washington, DC 20212. Specific questions concerning the data in this publication, or their availability, should be directed as follows:

#### Household data:

Telephone: (202) 691-6378  
E-mail: CPSInfo@bls.gov  
Internet: <http://www.bls.gov/cps/>

#### National establishment data:

Telephone: (202) 691-6555  
E-mail: CESInfo@bls.gov  
Internet: <http://www.bls.gov/ces/>

#### State and area establishment data:

Telephone: (202) 691-6559  
E-mail: Data\_SA@bls.gov  
Internet: <http://www.bls.gov/sae/>

#### Region, State, and area labor force data:

Telephone: (202) 691-6392  
E-mail: LausInfo@bls.gov  
Internet: <http://www.bls.gov/laui/>

Periodicals 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) 691-5200; Federal Relay Service: 1-800-877-8339.

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

June 2003  
Vol. 50 No. 6

## Calendar of Features

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

### Household data

Revised seasonally adjusted series	Jan.
Annual averages	Jan.
Earnings by detailed occupation	Jan.
Union affiliation	Jan.
Minimum wage data	Jan.
Employee absences	Jan.
Quarterly averages: Seasonally adjusted data, persons of Hispanic or Latino ethnicity, 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
State and area annual averages	May
Area definitions	May

### Region, State, and area labor force data

Annual averages	May
-----------------	-----

Cover Design:  
Melvin B. Moxley

# EMPLOYMENT & EARNINGS

## Editor

John F. Stinson Jr.

## Design and Layout

Phyllis L. Lott

## Editor's Note

Beginning with this issue, several major changes have been introduced to the national estimates of employment, hours, and earnings from the monthly survey of business establishments. These changes include the conversion from the Standard Industrial Classification system to the North American Industry Classification System (NAICS), a change in how Federal Government employment is measured, the completion of a sample redesign phase-in, and the introduction of concurrent seasonal adjustment. In addition, the establishment data incorporate routine annual benchmark revisions and updated seasonal adjustment factors for historical data. All historical establishment survey data have been reconstructed as part of the NAICS conversion process. All published series now have a NAICS-based series extending back to at least 1990. For total nonfarm and other high-level aggregates, NAICS history has been reconstructed back to the previously existing start date for the series, 1939 in most cases.

The article beginning on page 3 discusses these changes in more detail. Revised current data appear in the "B" tables. Historical data for all national establishment data series are available at <http://www.bls.gov/ces/>, the Current Employment Statistics homepage.

Effective with data for January 2003, Census 2000-based population controls were introduced into the Current Population Survey (household survey). All data back to 2000 were revised to reflect the new population controls. Tables 1-47, beginning on page 184, present revised 2000-02 annual average data based on the new population controls. These tables replace those published in the January 2003 issue of this publication, which contained data based on 1990 census-based population controls. For more information on the revisions to the data, see "Revisions to the Current Population Survey Effective in January 2003" published in the February 2003 issue of this publication.

## Contents

	<i>Page</i>
List of statistical tables .....	ii
Contents to the explanatory notes and estimates of error .....	vi
Employment and unemployment developments, May 2003 .....	1
Revisions to the Current Employment Statistics national estimates effective May 2003 .....	3
Summary tables and charts .....	20
Explanatory notes and estimates of error .....	244
Index to statistical tables .....	290

## Statistical tables

Source	Historical	Seasonally adjusted	Not seasonally adjusted	Other features
Household data .....	23	25	35	
Establishment data:				
Employment:				
National .....	66	71	91	
State .....		78	112	
Area .....			112	
Hours and earnings:				
National .....	67	87	136	
State and area .....			166	
Local area labor force data:				
Region .....		169		
State .....		171	176	
Area .....			176	
Revised national establishment data:				
2002 annual averages .....				( <sup>1</sup> )
Seasonally adjusted data .....				( <sup>2</sup> )
Revised household data:				
Annual averages .....				184

<sup>1</sup> All tables containing not seasonally adjusted national establishment data.

<sup>2</sup> Tables B-1 through B-6 and B-8 through B-11.

# Monthly Household Data

Page

## Historical

A-1. Employment status of the civilian noninstitutional population 16 years and over, 1969 to date .....	23
A-2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1991 to date .....	24

## Seasonally Adjusted Data

### Employment Status

A-3. Employment status of the civilian noninstitutional population by sex and age .....	25
A-4. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic or Latino ethnicity .....	26
A-5. Employment status of the civilian noninstitutional population 25 years and over by educational attainment .....	28
A-6. Employed and unemployed full- and part-time workers by sex and age .....	29

### Characteristics of the Employed

A-7. Employed persons by class of worker and part-time status .....	30
A-8. Employed persons by age, sex, and marital status .....	31

### Characteristics of the Unemployed

A-9. Unemployed persons by age, sex, and marital status .....	32
A-10. Unemployment rates by age, sex, and marital status .....	33
A-11. Unemployed persons by reason for unemployment .....	34
A-12. Unemployed persons by duration of unemployment .....	34

## Not Seasonally Adjusted Data

### Employment Status

A-13. Employment status of the civilian noninstitutional population by age, sex, and race .....	35
A-14. Employment status of the Hispanic or Latino population by age and sex .....	39
A-15. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic or Latino ethnicity .....	40
A-16. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, educational attainment, sex, race, and Hispanic or Latino ethnicity .....	41
A-17. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, sex, race, and Hispanic or Latino ethnicity .....	43
A-18. Employed and unemployed full- and part-time workers by age, sex, race, and Hispanic or Latino ethnicity .....	44

### Characteristics of the Employed

A-19. Employed persons by occupation, sex, and age .....	46
A-20. Employed persons by occupation, race, Hispanic or Latino ethnicity, and sex .....	47
A-21. Employed persons by industry and occupation .....	49
A-22. Employed persons in agriculture and related and in nonagricultural industries by age, sex, and class of worker .....	50
A-23. Persons at work in agriculture and related and in nonagricultural industries by hours of work .....	51
A-24. Persons at work 1 to 34 hours in all and in nonagricultural industries by reason for working less than 35 hours and usual full- or part-time status .....	51
A-25. Persons at work in nonagricultural industries by class of worker and usual full- or part-time status .....	52
A-26. Persons at work in nonagricultural industries by age, sex, race, Hispanic or Latino ethnicity, marital status, and usual full- or part-time status .....	53
A-27. Persons at work by occupation, sex, and usual full- or part-time status .....	54

### Characteristics of the Unemployed

A-28. Unemployed persons by marital status, race, Hispanic or Latino ethnicity, age, and sex .....	55
A-29. Unemployed persons by occupation and sex .....	56
A-30. Unemployed persons by industry and sex .....	57
A-31. Unemployed persons by reason for unemployment, sex, and age .....	59
A-32. Unemployed persons by reason for unemployment, race, and Hispanic or Latino ethnicity .....	60
A-33. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment .....	61
A-34. Unemployed total and full-time workers by duration of unemployment .....	61
A-35. Unemployed persons by age, sex, race, Hispanic or Latino ethnicity, marital status, and duration of unemployment .....	62
A-36. Unemployed persons by occupation, industry, and duration of unemployment .....	63

### Persons Not in the Labor Force

A-37. Persons not in the labor force by desire and availability for work, age, and sex .....	64
--	----

### Multiple Jobholders

A-38. Multiple jobholders by selected demographic and economic characteristics .....	65
--	----



# Monthly Establishment Data

Page

## Historical

B-1. Employees on nonfarm payrolls by major industry sector, 1952 to date .....	66
B-2. Average hours and earnings of production or nonsupervisory workers on private nonfarm payrolls by major industry sector, 1964 to date .....	67

## Seasonally Adjusted Data

### Employment

#### National

B-3. Employees on nonfarm payrolls by major industry sector and selected industry detail .....	71
B-4. Women employees on nonfarm payrolls by major industry sector and selected industry detail .....	75
B-5. Production or nonsupervisory workers on private nonfarm payrolls by major industry sector and selected industry detail .....	76
B-6. Diffusion indexes of employment change .....	77

#### States

B-7. Employees on nonfarm payrolls by State and major industry .....	78
--	----

### Hours and Earnings

#### National

B-8. Average weekly hours of production or nonsupervisory workers on private nonfarm payrolls by major industry sector and selected industry detail .....	87
B-9. Indexes of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls by major industry sector and selected industry detail .....	88
B-10. Hours of wage and salary workers on nonfarm payrolls by major industry .....	89
B-11. Average hourly and weekly earnings of production or nonsupervisory workers on private nonfarm payrolls by major industry sector and selected industry detail .....	90

## Not Seasonally Adjusted Data

### Employment

#### National

B-12. Employees on nonfarm payrolls by detailed industry .....	91
B-13. Women employees on nonfarm payrolls by major industry sector and selected industry detail .....	111

#### States and Areas

B-14. Employees on nonfarm payrolls in States and selected areas by major industry .....	112
--	-----

### Hours and Earnings

#### National

B-15. Average hours and earnings of production or nonsupervisory workers on private nonfarm payrolls by detailed industry .....	136
B-16. Average hourly earnings, excluding overtime, of production workers on manufacturing payrolls .....	164
B-17. Average hourly and weekly earnings of production or nonsupervisory workers on private nonfarm payrolls by major industry sector and selected industry detail, in current and constant (1982) dollars .....	165

#### States and Areas

B-18. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas .....	166
---	-----

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

### Seasonally Adjusted Data

C-1. Labor force status by census region and division .....	169
C-2. Labor force status by State .....	171

### Not Seasonally Adjusted Data

C-3. Labor force status by State and metropolitan area .....	176
--	-----

# Annual Averages—Household Data

Page

## Employment Status

1. Employment status of the civilian noninstitutional population, 1940 to date .....	184
2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1971 to date .....	185
3. Employment status of the civilian noninstitutional population by age, sex, and race .....	186
4. Employment status of the Hispanic-origin population by age and sex .....	189
5. Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin .....	190
6. Employment status of the Mexican, Puerto Rican, and Cuban-origin population by sex and age .....	191
7. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, sex, race, and Hispanic origin .....	192
8. Employed and unemployed full- and part-time workers by age, sex, and race .....	193

## Characteristics of the Employed

9. Employed persons by occupation, sex, and age .....	194
10. Employed persons by occupation, race, and sex .....	195
11. Employed persons by detailed occupation, sex, race, and Hispanic origin .....	196
12. Employed white, black, and Hispanic-origin workers by sex, occupation, class of worker, and full- or part-time status .....	202
13. Employed Mexican, Puerto Rican, and Cuban-origin workers by sex, occupation, class of worker, and full- or part-time status .....	203
14. Employed persons in nonagricultural industries by age, sex, and race .....	204
15. Employed persons in agriculture and nonagricultural industries by age, sex, and class of worker .....	205
16. Employed persons in nonagricultural industries by sex and class of worker .....	206
17. Employed persons by industry, sex, race, and occupation .....	207
18. Employed persons by detailed industry, sex, race, and Hispanic origin .....	209
19. Persons at work in agriculture and nonagricultural industries by hours of work .....	213
20. 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 .....	213
21. Persons at work in nonagricultural industries by class of worker and usual full- or part-time status .....	214
22. Persons at work in nonagricultural industries by age, sex, race, marital status, and usual full- or part-time status .....	215
23. Persons at work in nonfarm occupations by sex and usual full- or part-time status .....	216

## Characteristics of the Unemployed

24. Unemployed persons by marital status, race, age, and sex .....	217
25. Unemployed persons by occupation and sex .....	218
26. Unemployed persons by industry and sex .....	219
27. Unemployed persons by reason for unemployment, sex, and age .....	220
28. Unemployed persons by reason for unemployment, race, and Hispanic origin .....	221
29. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment .....	222
30. Unemployed total and full-time workers by duration of unemployment .....	222
31. Unemployed persons by selected demographic characteristics and duration of unemployment .....	223
32. Unemployed persons by occupation, industry, and duration of unemployment .....	224
33. Unemployed jobseekers by sex, age, race, and active jobsearch methods used .....	225
34. Unemployed jobseekers by sex, reason for unemployment, and active jobsearch methods used .....	226

## Persons Not in the Labor Force

35. Persons not in the labor force by desire and availability for work, age, and sex .....	227
--	-----

## Multiple Jobholders

36. Multiple jobholders by selected demographic and economic characteristics .....	228
--	-----

## Weekly Earnings Data

37. Median weekly earnings of full-time wage and salary workers by selected characteristics .....	229
38. Median weekly earnings of part-time wage and salary workers by selected characteristics .....	229
39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex .....	230

## Annual Averages—Household Data—Continued

*Page*

### **Union Affiliation Data**

40. Union affiliation of employed wage and salary workers by selected characteristics .....	236
41. Median weekly earnings of full-time wage and salary workers by union affiliation and selected characteristics .....	237
42. Union affiliation of employed wage and salary workers by occupation and industry .....	238
43. Median weekly earnings of full-time wage and salary workers by union affiliation, occupation, and industry .....	239

### **Minimum Wage Data**

44. Wage and salary workers paid hourly rates with earnings at or below the prevailing Federal minimum wage, by selected characteristics .....	240
45. Wage and salary workers paid hourly rates with earnings at or below the prevailing Federal minimum wage, by occupation and industry .....	241

### **Employee Absences Data**

46. Absences from work of employed full-time wage and salary workers by age and sex .....	242
47. Absences from work of employed full-time wage and salary workers by occupation and industry .....	243

# Explanatory Notes and Estimates of Error

	<i>Page</i>		<i>Page</i>
Introduction .....	244	Establishment data—Continued	
Relationship between the household and establishment series .....	244	Benchmarks .....	267
Comparability of household data with other series .....	245	Monthly estimation .....	267
Comparability of payroll employment data with other series .....	245	Stratification .....	267
Household data .....	246	Weighted link-relative technique .....	267
Collection and coverage .....	246	Summary of methods table .....	268
Concepts and definitions .....	246	Weighted link and taper technique .....	268
Historical comparability .....	249	Business birth and death estimation .....	270
Changes in concepts and methods .....	249	The sample .....	271
Noncomparability of labor force levels .....	250	Design .....	271
Changes in the occupational and industrial classification systems .....	253	Frame and sample selection .....	271
Sampling .....	253	Frame maintenance and sample updates .....	272
Selection of sample areas .....	254	Coverage .....	273
Selection of sample households .....	255	Employment benchmarks and sample coverage table .....	273
Rotation of sample .....	255	Reliability .....	273
CPS sample, 1947 to present .....	255	Benchmark revision as a measure of survey error .....	273
Estimating methods .....	255	Revisions between preliminary and final data .....	273
Noninterview adjustment .....	256	Variance estimation .....	274
Ratio estimates .....	256	Appropriate uses of sampling variances .....	274
First stage .....	256	Sampling errors .....	274
Second stage .....	256	Statistics for States and areas .....	275
Composite estimation procedure .....	257	Region, State, and area labor force data .....	283
Rounding of estimates .....	257	Federal-State cooperative program .....	283
Reliability of the estimates .....	257	Estimating methods .....	283
Nonsampling error .....	257	Estimates for States .....	283
Sampling error (Revised effective Oct. 2000) .....	258	Current monthly estimates .....	283
Tables 1-B through 1-H .....	258	Benchmark correction procedures .....	283
Establishment data .....	264	Estimates for substate areas .....	284
Data collection .....	264	Preliminary estimate:	
Concepts .....	264	Employment .....	284
Estimating methods .....	267	Unemployment .....	284
		Substate adjustment for additivity .....	284
		Benchmark correction .....	284
		Seasonal adjustment .....	285

# Employment and Unemployment Developments, May 2003

**B**oth nonfarm payroll employment and the unemployment rate were about unchanged in May. There were job gains in temporary help services and construction, while losses continued in manufacturing.

## Unemployment

The unemployment rate was 6.1 percent in May; the number of unemployed persons was 9.0 million. Over the month, the unemployment rate for Hispanics increased to 8.2 percent. The rates for whites and adult men edged up to 5.4 and 5.9 percent, respectively. The jobless rates for the other major worker groups—adult women (5.1 percent), teenagers (18.5 percent), and blacks (10.8 percent)—showed little or no change from the previous month. The unemployment rate for Asians was 5.1 percent, not seasonally adjusted. (See tables A-3, A-4, and A-13.)

The number of unemployed job losers and persons who completed temporary jobs rose by 309,000 to 5.1 million in May. The number of persons unemployed less than 5 weeks edged up to 3.1 million. There were 1.9 million persons unemployed for 27 weeks or longer in May, about the same as in April. This measure has increased by 347,000 over the past 12 months. (See tables A-11 and A-12.)

## Total employment and the labor force

The employment-population ratio edged down to 62.3 percent in May; total employment, at 137.5 million, was not significantly different from April's level. Over the month, the civilian labor force and labor force participation rate were unchanged at 146.5 million and 66.4 percent, respectively. (See table A-3.)

## Persons not in the labor force

In May, 1.4 million persons were marginally attached to the labor force, about the same as a year earlier. These individuals wanted and were available to work and had looked for a job sometime in the prior 12 months. They were not counted as unemployed, however, because they did not actively search for work in the 4 weeks preceding the survey. There were 482,000 discouraged workers in May, essentially unchanged from May 2002. Discouraged workers, a subset of the marginally attached, were not currently looking for work specifically because they believed no jobs were available for them. (See table A-37.)

## Industry payroll employment

Total nonfarm payroll employment was little changed (-17,000) in May at 130.1 million. Payroll employment has declined by 2.5 million since peaking in February 2001. The private sector has lost 3.1 million jobs over the same period, with manufacturing accounting for the bulk of the job losses. (See table B-3.)

In May, employment in natural resources and mining continued the downward trend that began in June 2001. The industry has lost 50,000 jobs over that period, with about half of the losses in support activities for mining.

Construction employment rose by 26,000 in May. Employment in specialty trade contractors showed the largest increase. Construction lost 160,000 jobs from March 2001 to February 2003 but has gained back about half of those losses over the last 3 months. The recent job growth has occurred in construction of buildings and in special trade contracting.

Manufacturing employment decreased by 53,000 in May, about the same as its average monthly decline for the prior 12 months. Since July 2000, the industry has lost 2.6 million jobs, a decline of about 15 percent. May job losses were widespread in both durable and nondurable goods. The largest decline occurred in computer and electronic products (-16,000); employment in the industry has decreased every month since January 2001. Transportation equipment employment was up by 9,000 over the month, as workers returned from temporary auto plant shutdowns. Since its most recent peak in October 1998, employment in transportation equipment manufacturing has decreased by 320,000.

Employment in wholesale trade continued to trend downward in May. The industry has lost 386,000 jobs since its peak in March 2000. Retail employment was little changed over the month. It declined by 374,000 from its peak in February 2001 through the end of 2002 but has been essentially flat thus far in 2003.

Job losses continued in transportation and warehousing over the month. Employment declined by 5,000 in air transportation; the industry has lost 113,000 jobs since its peak in March 2001.

Information sector employment was essentially unchanged in May. Since its peak in March 2001, the industry has lost 417,000 jobs. Declines occurred throughout the component industries of the sector, including telecommunications; publishing industries, except Internet;

and Internet service providers (ISPs), search portals, and data processing.

Employment in financial activities continued to grow in May. Credit intermediation and related activities, which includes mortgage brokerages, added 19,000 jobs over the month. Since July 2000, employment in credit intermediation and related activities has increased by about a quarter of a million.

Professional and business services added 48,000 jobs in May, bolstered by strong growth in temporary help services (58,000). Employment in temporary help services peaked in April 2000 and fell sharply until late 2001. Since then, it has remained at about 2.2 million.

Education and health services employment continued to grow; the industry has added a million jobs since March 2001. Within this sector, employment rose over the month in ambulatory health care services (such as doctors' offices and outpatient care centers). Social assistance lost 10,000 jobs in May, 6,000 of which were in child day care services.

Employment in leisure and hospitality was little changed in May. This industry, which includes arts, entertainment, and recreation; accommodations; and food service and drinking places has lost about 100,000 jobs since January.

## Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls was unchanged in May at 33.7 hours, seasonally adjusted. This followed a decline of 0.1 hour in April. The manufacturing workweek gained 0.1 hour in May, bringing it to 40.2 hours. This followed a decline of 0.3 hour in April. Manufacturing overtime edged up by 0.1 hour to 4.1 hours in May. (See table B-8.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls was unchanged in May at 98.7 (2002=100). The manufacturing index was down by 0.2 percent over the month to 95.0. (See table B-9.)

## Hourly and weekly earnings

Average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls increased by 5 cents in May to \$15.34, seasonally adjusted. This followed no change in April. Average weekly earnings rose by 0.3 percent in May to \$516.96. Over the year, average hourly earnings grew by 3.2 percent, and average weekly earnings increased by 2.6 percent. (See table B-11.)

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

# Revisions to the Current Employment Statistics National Estimates Effective May 2003

Sharon Strifas

With the release of estimates for May 2003, national employment, hours, and earnings data produced from the Current Employment Statistics (CES) program incorporate several important changes that affect data analysis and comparison. These changes include:

- Conversion to the 2002 North American Industry Classification System (NAICS),
- Completion of the CES sample redesign to a probability-based sample,
- Incorporation of March 2002 benchmarks, and
- Introduction of concurrent seasonal adjustment.

## Conversion to the 2002 NAICS

With the release of the May 2003 data, all CES national series have been converted from industry coding based on the 1987 Standard Industrial Classification (SIC) system to industry coding based on the 2002 version of the North American Industry Classification System (NAICS). The SIC code structure was first developed in the 1930s, when the economy was dominated by the manufacturing sector. Through the years there was little change to the original structure, and there was a mixture of ways to categorize the economic activity of establishments. Some establishments were categorized into industries based on demand groupings and others were categorized based on supply groupings.

NAICS classifies establishments into industries based solely on their supply function. That is, establishments are classified based on the activity in which they are primarily engaged. NAICS was developed in cooperation with the United States' North American Free Trade Agreement (NAFTA) partners, Canada and Mexico, in an effort to standardize their economic data series. NAICS was first released in 1997 and will be reviewed and updated every five years by all three North American countries. This CES benchmark release is based on the 2002 version of NAICS.

NAICS doubles the amount of top-level industry groupings, known as sectors. There are 20 broad sectors, compared with only 10 major industry divisions under SIC. In addition to these sectors, BLS and its U.S. NAICS partners (the Bureau of Economic Analysis and the U.S. Census

Bureau) have further aggregated industry classifications into 11 supersectors. Above the supersectors, are two more aggregations, the commonly known domains of goods-producing and service-providing.

The numbering system differs in NAICS from that of the SIC, to allow finer detail. The greatest detail is at the six-digit level, and the highest level of detail is the above-mentioned supersector level, as seen in the example presented in exhibit 1. The five-digit detail, or the NAICS industry detail, allows for international comparison with the NAFTA partners. Further national detail is allowed at the six-digit level.

With the implementation of NAICS came several notable classification changes that affect the CES. First, auxiliary establishments, which are engaged primarily in performing management or support activities for other establishments of the "parent" company are now given an industry code denoting their main activity, without regard to the code assigned to the parent company. Auxiliary establishments are now classified within sector 55, management of companies and enterprises, which is part of the professional and business services supersector.

Second, although the logging industry was reclassified from the SIC manufacturing sector to the NAICS agriculture, forestry, fishing and hunting sector, the CES program will continue to treat it as part of the nonfarm sector. To keep the logging industry in scope, the CES program will include it in the natural resources and mining supersector.

Third, NAICS manufacturing recognizes some new high-tech industries, such as semiconductor machinery manufacturing and fiber optic cable manufacturing; there is also a new subsector for computer and electronic product

**Exhibit 1. An example of the NAICS numbering hierarchy used by the Current Employment Statistics program**

Level	Hierarchy for NAICS code 31-334511
Supersector .....	31 (Manufacturing)
Sector (two-digit) .....	33 (Durable goods manufacturing)
Subsector (three-digit) .....	334 (Computer and electronic products)
Industry group (four-digit) ...	3345 (Electronic instruments)
NAICS industry (five-digit) ..	33451 (Electronic instruments)
U.S. industry (six-digit) .....	334511 (Search, detection, and navigation instruments)

Sharon Strifas is an economist in the Division of Current Employment Statistics, Office of Employment and Unemployment Statistics, Bureau of Labor Statistics. Telephone: (202) 691-6555; e-mail: [CESInfo@bls.gov](mailto:CESInfo@bls.gov).

manufacturing. Also, the publishing industry has been moved out of manufacturing and into the new information sector. The new information sector, also a BLS supersector, is composed of seven subsectors, containing 34 industries that produce, disseminate, or process information and cultural products. Twenty of these industries are new, including Internet service providers, sound recording studios, and cable program distributors.

Fourth, NAICS 2002 includes two new industries in wholesale trade: business to business electronic markets and wholesale trade agents and brokers.

In order to avoid time series breaks, all national CES series were reconstructed back to at least 1990. At the supersector and higher levels, the reconstruction extends back to 1939, the previously existing start date of total nonfarm and most major industry division level series. For finer levels of detail, the series that are nearly identical between SIC and NAICS were reconstructed back to the previously existing start dates. For each NAICS series that is not closely related to one SIC series, the start date is 1990.

The reconstruction methodology is based on the first quarter 2001 unemployment insurance (UI) microdata, which were coded on both an SIC and NAICS basis. SIC-to-NAICS ratios were established from this dual coded file; the ratios were used to map employment from the SIC series to the corresponding NAICS counterparts. For example, the March 2001 employment ratios for NAICS subsector 325 indicate that 95 percent of it is formed from SIC 28, 3 percent of it comes from SIC 30, and 2 percent is from SIC 38. These ratios were applied to the SIC series and the results summed to derive the NAICS series. The supersector employment interchangeability, or distribution of employment between SIC divisions and NAICS supersectors, can be seen in exhibit 2.

A comparable procedure is used for the hours and earnings series. Those NAICS series are produced from a weighted average of the SIC component series, the weights being the NAICS/SIC ratios. An example of the hours and earnings reconstruction is illustrated in exhibit 3.

New hours and earnings levels were recomputed using data from the NAICS-based probability sample. The new levels for average weekly hours and average hourly earnings series were computed from the new probability sample averages for March 2001-02. The over-the-month changes computed using the reconstruction methodology were then applied. With this methodology, the overall CES seasonal patterns are preserved, as are the CES time series properties. In other words, there are no outliers or level shifts.

While this ratio method was the basic technique used in the reconstruction, another method was tested and used for a small number of series as well. This alternative method uses a longitudinal UI database (LDB) which stores firm-level information on business births, deaths, and employment levels over a 10-year time span. The LDB aggregation method takes the 1990-2000 LDB file that has been recoded for NAICS and aggregates the micro-level

records to derive macro totals by industry and geographic area. This procedure is computationally simple and uses actual firm-level data that capture real economic trends (to the extent that firms did not change their industry classification over time). On the other hand, the LDB has not been edited or maintained as a macro series, unlike published CES totals. Nor has it ever accepted corrections that are made to the data submitted to the ES-202 reports. Nevertheless, for a small number of series, this method proved to be the most accurate one. Both methods have their basis in the single quarter of UI microdata that was dual coded with both SIC and NAICS.

*Changes in CES scope.* The industry support activities for animal production or NAICS 11-1152 (previously part of animal services, except veterinary or SIC 075) is no longer considered in-scope for the CES program. As indicated earlier, logging, or NAICS 11-113310, is now within the natural resources and mining supersector; under the SIC system, this industry was within manufacturing. These changes along with some in the Federal Government series, as described below, slightly affect the total nonfarm employment level. There will be no series breaks as a result of the changes, as the entire total nonfarm history has been reconstructed.

*Publishing industries.* The publishing industries have moved from the manufacturing division under SIC to the information supersector under NAICS. Therefore, the CES program no longer collects payroll and hours of production workers in these industries, but rather the payroll and hours of nonsupervisory workers. Because of this change, data series for nonsupervisory workers, average weekly hours, and average hourly earnings for the following industries begin publication in January 2003: Publishing industries, except Internet (NAICS 50-511000); newspaper, book, and directory publishers (NAICS 50-511100); newspaper publishers (NAICS 50-511110); periodical publishers (NAICS 50-511120); book publishers (NAICS 50-511130); and directory and mailing list publishers (NAICS 50-511140).

### **Changes to Federal Government series**

The CES series for Federal Government employment has been revised slightly in scope and definition due to a change in source data and estimation methods. The former national series was an end-of-month count of Federal employees produced by the U.S. Office of Personnel Management, and it excluded some workers, mostly employees of U.S. Department of Defense-owned establishments such as military base commissaries. Beginning with the collection of data for May 2003, however, the CES national series will include these workers, and the series employment level will shift upward as a consequence. Additionally, Federal Government employment will now be estimated from a sample of Federal establishments, will be benchmarked



Exhibit 2. SIC-to-NAICS employment ratios <sup>1</sup>

(Numbers in thousands)

NAICS supersector	Category	SIC division							
		Mining	Construction	Manu- facturing	Trans- portation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Natural resources and mining	Employment.. Percent .....	515.9 87.3	( <sup>2</sup> )	75,136 12.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Construction	Employment.. Percent .....	16.9 .3	6,288.7 97.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	86.3 1.3	78.9 1.2
Manufacturing	Employment.. Percent .....	( <sup>2</sup> )	( <sup>2</sup> )	16,502.5 98.2	( <sup>2</sup> )	31.4 0.2	147.9 0.9	( <sup>2</sup> )	128.7 .8
Trade, transportation, and utilities	Employment.. Percent .....	( <sup>2</sup> )	1.0 .0	70.8 .3	4,360.0 17.1	6,592.5 25.8	14,381.3 56.3	( <sup>2</sup> )	125.3 .5
Information	Employment.. Percent .....	( <sup>2</sup> )	( <sup>2</sup> )	751.9 20.3	1,670.3 45.2	( <sup>2</sup> )	1.2 .0	9.2 .2	1,262.7 34.2
Financial activities	Employment.. Percent .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	37.9 .5	( <sup>2</sup> )	25.1 .3	6,881.8 90.4	671.4 8.8
Professional and business services	Employment.. Percent .....	15.7 .1	66.3 .4	613.0 3.7	657.8 4.0	155.5 .9	373.5 2.3	431.6 2.6	14,172.8 86.0
Education and health services	Employment.. Percent .....	( <sup>2</sup> )	( <sup>2</sup> )	4.4 .0	101.2 .7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	14,602.0 99.3
Leisure and hospitality	Employment.. Percent .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	24.1 .2	( <sup>2</sup> )	8,147.2 70.3	8.4 .1	3,402.2 29.4
Other services	Employment.. Percent .....	( <sup>2</sup> )	( <sup>2</sup> )	12.8 .3	5.1 .1	( <sup>2</sup> )	6.2 .2	103.3 2.8	3,614.0 96.5

<sup>1</sup> Data are derived from March 2001 unemployment insurance data.

<sup>2</sup> Less than 1,000.

Exhibit 3. Hours and earnings reconstruction example using NAICS code 31-333414—HVAC and commercial refrigeration equipment <sup>1</sup>

1987 SIC structure					2002 NAICS structure		
1987 SIC code	Ratio <sup>2</sup>	Production workers	Aggregate hours	Aggregate payrolls	Production workers	Aggregate hours	Aggregate payrolls
3433 .....	0.22	12,453	537,969	\$5,379,690	2,740	118,353	\$1,183,532
3569 .....	.75	65,891	2,754,230	34,427,875	49,418	2,065,673	25,820,906
3634 .....	.13	12,365	580,292	9,864,964	1,607	75,438	1,282,445
				<b>Sum <sup>3</sup></b>	53,765	2,259,464	28,286,883

<sup>1</sup> Data are derived from March 2001 unemployment insurance data.

<sup>2</sup> The ratio represents the percent of employment in the SIC industry that went into a specific NAICS industry.

<sup>3</sup> New NAICS data where:

Production workers = sum of production workers = 53,765

Average weekly hours = aggregate hours/production workers  
= 2,259,464/53,765 = 42.0

Average hourly earnings = aggregate payrolls/aggregate hours  
= \$28,286,883/2,259,464 = \$12.52

annually to counts from UI tax records, and will reflect employee counts as of the pay period including the 12th of the month, consistent with other CES industry series. The historical time series for Federal Government employment has been revised to reflect these changes.

### **Completion of the CES sample redesign**

Beginning with benchmark revisions in March 2000, BLS has been phasing in a probability-based sample design to replace an older quota-based sample design. The CES estimates had been based on a quota sample since the inception of the program over 70 years ago. Although quota samples are known to be at risk for potentially significant biases, the large sample size and annual benchmarking to full population counts made the risk of bias less severe. However, following a review by the American Statistical Association in 1995, BLS embarked on a sample redesign effort to convert to a probability sample for the CES program. Probability sampling is the internationally recognized standard for sample surveys. Unlike quota sampling, probability sampling ensures a proper representation of the universe of nonfarm business establishments through randomized selection techniques.

*The new CES sample design.* The new design is a stratified, simple random sample of worksites, clustered by UI account number. The UI account number is a major identifier on the previously discussed BLS LDB file, which serves as both the sample frame and the benchmark source for the CES employment estimates. The sample strata, or subpopulations, are defined by State, industry, and establishment employment size, yielding a State-based design. The sampling rate for each stratum is determined through a method known as optimum allocation, which distributes a fixed number of sample units across a set of strata to minimize the overall variance, or sampling error, on the primary estimate of interest. The total nonfarm employment level is the primary estimate of interest, and the new design gives top priority to measuring it as precisely as possible, or, in other words, minimizing the statistical error around the statewide total nonfarm employment estimates.

For the CES redesign, the number of sample units drawn initially was fixed at the approximate size of the existing CES sample for each State—the sample size assumed to be supportable by current program resources. However, after a few years of experience, BLS recognized that the sample size needed to be reduced to support the more costly data collection and followup techniques needed to sustain viable response ratios. Therefore, the overall sample size was reduced by approximately 20 percent with the March 2001 sample update. Even with the sample size reduction, the CES program can support the publication of considerable industry and geographic detail within a State, and provide highly reliable national CES estimates at the total nonfarm and detailed industry levels.

The sampling frame and the CES sample are updated twice a year with new quarters of UI-based universe data. This frame maintenance helps to keep the sample up to date by adding new firm births and deleting business deaths. In addition, the new design specifies an annual update process that includes sampling frame maintenance and the redrawing of the entire sample for the first quarter of each year. Frame maintenance provides for the updating of industry, size class, and metropolitan area designations and for the merging of semiannual birth samples into the overall frame. A high degree of overlap is expected at each annual update because each UI account is ordered on the frame with a permanent random number (PRN). This technique assigns random numbers to all UI accounts on the universe frame at the time they first appear and then orders the frame by PRN. The allocation for each sampling cell is fulfilled by working down the ordered PRN list until the full complement of needed units is drawn. Because the random numbers are permanent, and thus remain in essentially the same order on the frame, this technique minimizes cancellation of existing sample units and the need to solicit replacement units.

*Estimation formulas.* An improved estimator also has been developed for the CES survey to support the new sample design. The primary difference from the former CES estimator is the application of a weight to each sample unit in the estimation process. The weights are derived from population sampling fractions and are a standard feature of probability sample estimators. A sampled unit's weight is the inverse of its probability of selection. The new estimator for the all-employee series is a ratio estimator, known as the weighted link relative.

In order to prevent series breaks in the hours and earnings estimates during the redesign phase-in, the initial implementation of the redesign utilized the weighted link relative estimator for these data types, and the first month's redesign estimate linked from the final month's estimate produced under the quota-sample design. That was different from the usual CES procedure of initializing new hours and earnings series with the sample average value for the first month and then applying a "link and taper" methodology. That methodology accounts for the over-the-month change in the sampled units, but also includes a tapering feature used to keep the estimates close to the overall sample average over time. The taper is considered to be a level correction. However, following this procedure could have resulted in series breaks in hours and earnings series for each major industry division as it was introduced, and at the total private level as well. With the completion of the CES shift to NAICS, hours and earnings are again estimated by the "link and taper" methodology.

Another methodological change introduced with the sample redesign is a net birth/death model used to estimate the residual portion of birth employment not accounted for

through improved sampling techniques. Net birth/death modeling replaces bias adjustment. Net birth/death modeling is more fully described later in this article. Finally, it is now possible to publish sampling errors and confidence intervals, standard survey accuracy measures that were not directly applicable to the nonprobability design used in prior years. The overall accuracy of the employment estimates is still best measured by the annual benchmark revisions, because those revisions cover the total estimation error associated with the CES employment series.

NAICS probability-based estimation began in April 2001 for all but four supersectors. The NAICS probability-based estimates began in April 2002 for professional and business services, education and health services, leisure and hospitality, and other services.

### Summary of the benchmark revisions

The March 2002 benchmark level for total nonfarm employment is 129,672,000; this figure is 203,000 below the NAICS sample-based estimate for March 2002, an adjustment of 0.2 percent. The published over-the-year change for March 2001 to March 2002 has been revised downward by 313,000 or 0.2 percent. The difference between these two measures is accounted for by the previously mentioned changes in the scope of the CES series for Federal Government and the animal services industry under SIC. Table 1 shows the total nonfarm percent differences of benchmark revisions for the past ten years. Table 2 shows the nonfarm employment benchmarks by industry for March 2002.

### Revisions in the post-benchmark period

Post-benchmark period estimates from April 2002 to March 2003 were calculated for each month based on new benchmark levels, new net birth/death figures, and a slightly new sample composition resulting from the annual sample update (beginning with October). The post-benchmark period estimates for this benchmark year, due to the NAICS conversion, are first-time NAICS probability estimates on the new benchmark level rather than recomputed estimates. (See table 3.)

Text table A shows the net birth/death model figures for the supersectors over the post-benchmark period. From April

2002 to March 2003, the cumulative net birth/death model added 469,000.

### Why benchmarks differ from estimates

A benchmark revision is the difference between the benchmark level for a given March and its corresponding sample-based estimate. The overall accuracy of the establishment survey is usually gauged by the size of this difference. The benchmark revision often is regarded as a proxy for total survey error, but this does not take into account error in the universe data. The employment counts obtained from quarterly unemployment insurance tax forms are administrative data that reflect employer recordkeeping practices and differing State laws and procedures. The benchmark revision can be more precisely interpreted as the difference between two independently derived employment counts, each subject to its own error sources.

Like all sample surveys, the establishment survey is susceptible to two sources of error, sampling error and nonsampling error. Sampling error is present any time a sample is used to make inferences about a population. The magnitude of the sampling error, or variance, relates directly to sample size and the percentage of the universe covered by that sample. The CES monthly survey captures slightly under one-third of the universe, exceptionally high by usual sampling standards. This coverage insures a small sampling error at the total nonfarm employment level.

Both the universe counts and the establishment survey estimates are subject to nonsampling errors common to all surveys—coverage, response, and processing errors. The error structures for both the CES monthly survey and the UI universe are complex. Still, the two programs generally produce consistent total employment figures, each validating the other. Over the last decade, annual benchmark revisions at the total nonfarm level have averaged 0.3 percent, with an absolute range from less than 0.05 percent to 0.7 percent.

### Benchmark revisions effects for other series

The routine benchmarking process results in revisions in the series on women workers and production or non-supervisory workers. There are no benchmark employment levels for these series; they are revised by preserving ratios

Table 1. Percent differences between nonfarm employment benchmarks and estimates, March 1993-2002 <sup>1</sup>

Industry	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002 <sup>2</sup>
Total nonfarm .....	0.2	0.7	0.5	( <sup>3</sup> )	0.4	( <sup>3</sup> )	0.2	0.4	-0.1	-0.2
Total private .....	.3	.7	.5	0.1	.5	0.1	.2	.3	-.2	-.4

<sup>1</sup> Differences are based on comparisons of final published March estimates and benchmark levels, as originally published.

<sup>2</sup> Beginning with the March 2002 benchmark, there is a small change in the scope of the CES survey. Employment in support activities for animal production, or NAICS 11-1152, is no longer

included. In addition, Federal employment is estimated using a sample and benchmarked annually to ES-202 universe counts, rather than relying on monthly U.S. Office of Personnel Management employment counts.

<sup>3</sup> Less than 0.05 percent.

Table 2. Nonfarm employment benchmarks by industry sector and selected industry detail, March 2002

(In thousands)

Industry	Benchmark
Total nonfarm .....	129,672
Total private .....	107,836
Goods-producing .....	22,365
Natural resources and mining .....	574
Logging .....	67
Mining .....	507
Oil and gas extraction .....	122
Mining, except oil and gas .....	209
Coal mining .....	76
Support activities for mining .....	176
Construction .....	6,416
Construction of buildings .....	1,519
Heavy and civil engineering construction .....	862
Specialty trade contractors .....	4,036
Manufacturing .....	15,375
Durable goods .....	9,585
Wood products .....	551
Nonmetallic mineral products .....	511
Primary metals .....	514
Fabricated metal products .....	1,557
Machinery .....	1,253
Computer and electronic products .....	1,553
Computer and peripheral equipment .....	258
Communications equipment .....	197
Semiconductors and electronic components .....	544
Electronic instruments .....	456
Electrical equipment and appliances .....	507
Transportation equipment .....	1,840
Furniture and related products .....	610
Miscellaneous manufacturing .....	690
Nondurable goods .....	5,790
Food manufacturing .....	1,510
Beverages and tobacco products .....	204
Textile mills .....	297
Textile product mills .....	195
Apparel .....	366
Leather and allied products .....	51
Paper and paper products .....	550
Printing and related support activities .....	718
Petroleum and coal products .....	116
Chemicals .....	933
Plastics and rubber products .....	852
Service-providing .....	107,307
Private service-providing .....	85,471
Trade, transportation, and utilities .....	25,219
Wholesale trade .....	5,634
Electronic markets and agents and brokers .....	620
Retail trade .....	14,810
Motor vehicle and parts dealers .....	1,860
Automobile dealers .....	1,246
Furniture and home furnishings stores .....	530
Electronics and appliance stores .....	529
Building material and garden supply stores .....	1,143
Food and beverage stores .....	2,862
Health and personal care stores .....	935
Gasoline stations .....	894
Clothing and clothing accessories stores .....	1,273
Sporting goods, hobby, book, and music stores .....	651
General merchandise stores .....	2,745
Department stores .....	1,658
Miscellaneous store retailers .....	945
Nonstore retailers .....	444

Table 2. Nonfarm employment benchmarks by industry sector and selected industry detail, March 2002—Continued

(In thousands)

Industry	Benchmark
Transportation and warehousing .....	4,178
Air transportation .....	553
Rail transportation .....	220
Water transportation .....	52
Truck transportation .....	1,319
Transit and ground passenger transportation .....	391
Pipeline transportation .....	42
Scenic and sightseeing transportation .....	21
Support activities for transportation .....	517
Couriers and messengers .....	558
Warehousing and storage .....	506
Utilities .....	597
Information .....	3,448
Publishing industries, except Internet .....	972
Motion picture and sound recording industries .....	384
Broadcasting, except Internet .....	336
Internet publishing and broadcasting .....	35
Telecommunications .....	1,221
ISPs, search portals, and data processing .....	454
Other information services .....	47
Financial activities .....	7,793
Finance and insurance .....	5,794
Monetary authorities - central bank .....	23
Credit intermediation and related activities .....	2,657
Depository credit intermediation .....	1,727
Commercial banking .....	1,276
Securities, commodity contracts, investments .....	799
Insurance carriers and related activities .....	2,229
Funds, trusts, and other financial vehicles .....	87
Real estate and rental and leasing .....	1,999
Real estate .....	1,331
Rental and leasing services .....	640
Lessors of nonfinancial intangible assets .....	27
Professional and business services .....	15,845
Professional and technical services .....	6,755
Legal services .....	1,101
Accounting and bookkeeping services .....	955
Architectural and engineering services .....	1,233
Computer systems design and related services .....	1,167
Management and technical consulting services .....	723
Management of companies and enterprises .....	1,708
Administrative and waste services .....	7,381
Administrative and support services .....	7,068
Employment services .....	3,125
Temporary help services .....	2,096
Business support services .....	775
Services to buildings and dwellings .....	1,503
Waste management and remediation services .....	314
Education and health services .....	16,197
Educational services .....	2,758
Health care and social assistance .....	13,439
Ambulatory health care services .....	4,579
Offices of physicians .....	1,956
Outpatient care centers .....	409
Home health care services .....	663
Hospitals .....	4,121
Nursing and residential care facilities .....	2,727
Nursing care facilities .....	1,567
Social assistance .....	2,012
Child day care services .....	748

Table 2. Nonfarm employment benchmarks by industry sector and selected industry detail, March 2002—Continued

(In thousands)

Industry	Benchmark
Leisure and hospitality .....	11,622
Arts, entertainment, and recreation .....	1,652
Performing arts and spectator sports .....	352
Museums, historical sites, zoos, and parks .....	109
Amusements, gambling, and recreation .....	1,191
Accommodations and food services .....	9,970
Accommodations .....	1,717
Food services and drinking places .....	8,254
Other services .....	5,347
Repair and maintenance .....	1,245
Personal and laundry services .....	1,247
Membership associations and organizations .....	2,855
Government .....	21,836
Federal government .....	2,738
Federal government, except U.S. Postal Service .....	1,887
U.S. Postal Service .....	851
State government .....	5,147
State government education .....	2,364
State government, excluding education .....	2,784
Local government .....	13,951
Local government education .....	7,987
Local government, excluding education .....	5,964

Table 3. Revisions in nonfarm employment, seasonally adjusted, January 2002-April 2003

(In thousands)

Year and month	Levels		Over-the-month changes		
	As previously published	As revised	As previously published	As revised	Difference
<b>2002:</b>					
January .....	130,871	130,578	-19	-83	-64
February .....	130,706	130,510	-165	-68	97
<b>March</b> .....	130,701	130,481	-5	-29	-24
April .....	130,680	130,415	-21	-66	-45
May .....	130,702	130,411	22	-4	-26
June .....	130,736	130,383	34	-28	-62
July .....	130,790	130,204	54	-179	-233
August .....	130,913	130,224	123	20	-103
September .....	130,829	130,289	-84	65	149
October .....	130,898	130,408	69	119	50
November .....	130,817	130,409	-81	1	82
December .....	130,670	130,198	-147	-211	-64
<b>2003:</b>					
January .....	130,873	130,356	203	158	-45
February .....	130,520	130,235	-353	-121	232
March .....	130,396	130,084	-124	-151	-27
<b>April<sup>p</sup></b> .....	130,348	130,084	-48	0	48

p=preliminary.

Text table A. Net birth/death estimates for private nonfarm industries, post-benchmark 2002

(In thousands)

Year and month	Natural re-sources and mining	Con-struction	Manu-facturing	Trade, trans-portion, and utilities	Infor-mation	Financial activities	Profes-sional and business services	Educa-tion and health services	Leisure and hos-pitality	Other services	Total monthly amount con-tributed
<b>2002:</b>											
April .....	-1	22	-2	-31	0	0	20	6	29	1	44
May .....	1	37	6	21	4	6	23	5	67	6	176
June .....	1	29	5	20	2	5	17	-6	78	5	156
July .....	0	-6	-22	-24	-1	-5	-16	-13	37	-11	-61
August .....	0	15	6	21	4	6	22	10	18	4	106
September .....	0	11	3	18	1	3	8	13	-36	2	23
October .....	1	9	-3	30	5	11	19	29	-34	1	68
November .....	0	-7	3	24	4	5	7	8	-20	1	25
December .....	-1	-9	3	23	2	12	6	6	8	3	53
<b>2003:</b>											
January .....	-4	-77	-29	-95	-3	-25	-107	-7	-32	-12	-391
February .....	0	11	6	6	6	10	33	14	28	5	119
March .....	0	29	8	25	2	7	31	6	37	6	151
<b>Cumulative total .....</b>	<b>-3</b>	<b>64</b>	<b>-16</b>	<b>38</b>	<b>26</b>	<b>35</b>	<b>63</b>	<b>71</b>	<b>180</b>	<b>11</b>	<b>469</b>

of employment for the particular series to all employees prior to benchmarking, and then applying these ratios to the revised all-employee figures. These figures are calculated at the basic cell level and then aggregated to produce the summary estimates.

Average weekly hours and average hourly earnings are not benchmarked; they are estimated solely from reports supplied by survey respondents at the basic estimating cell level. With the completion of the redesign and the NAICS conversion, the levels were recomputed from the NAICS probability sample averages for March 2001 to 2002. The sample-based over-the-month changes were then applied to this new level to bring it forward.

The aggregate industry levels of the hours and earnings series are derived as weighted averages. The production or nonsupervisory worker employment estimates for the basic cells are used as weights for the hours and earnings estimates for broader industry groupings. Adjustments of the all-employee estimates to new benchmarks may alter the weights, which, in turn, may change the estimates for hours and earnings of production or nonsupervisory workers at higher levels of aggregation.

Generally, new employment benchmarks have little effect on hours and earnings estimates for major groupings. To influence the hours and earnings estimates of a broader group, employment revisions have to be relatively large and must affect industries that have hours or earnings averages that are substantially different from those of other industries in their group. Table 4 gives information on the levels of specific hours and earnings series resulting from the March 2002 benchmark and the NAICS/sample redesign introduction. At the total private level, average weekly hours decreased by 0.3 hour and average hourly earnings increased

by 14 cents from the previously published levels. These changes are primarily the result of computing new sample average levels from the probability sample.

### Methods

*Benchmark adjustment procedure.* Establishment survey benchmarking is done on an annual basis to a population derived primarily from the administrative file of employees covered by unemployment insurance (UI). The time required to complete the revision process—from the full collection of the UI population data to publication of the revised industry estimates—is about 15 months. The benchmark adjustment procedure replaces the March sample-based employment estimates with UI-based population counts for March. The benchmark therefore determines the final employment levels, while sample movements capture month-to-month trends.

Benchmarks are established for each basic estimating cell and are aggregated to develop published levels. On a not seasonally adjusted basis, the sample-based estimates for the year preceding and the year following the benchmark also are then subject to revision. Employment estimates for the months between the most recent March benchmark and the previous year's benchmark are adjusted using a "wedge-back" procedure. In this process, the difference between the benchmark level and the previously published March estimate for each estimating cell is computed. This difference, or error, is distributed linearly across the 11 months of estimates subsequent to the previous benchmark; eleven-twelfths of the March difference is added to February estimates, ten-twelfths to January estimates, and so on, ending with the previous April estimates, which receive one-twelfth of the March difference. The wedge procedure

Table 4. Hours and earnings estimates, selected industries, March 2002

Industry	Average weekly hours	Average hourly earnings
Total private .....	33.6	\$14.81
Goods-producing .....	39.7	16.10
Natural resources and mining .....	43.0	17.19
Construction .....	37.8	18.26
Manufacturing .....	40.4	15.14
Durable goods .....	40.8	15.86
Wood products .....	39.6	12.21
Nonmetallic mineral products .....	41.3	15.20
Primary metals .....	42.4	17.37
Fabricated metal products .....	40.6	14.55
Machinery .....	40.6	15.85
Computer and electronic products .....	39.8	16.08
Electrical equipment and appliances .....	39.9	13.99
Transportation equipment .....	42.8	20.38
Furniture and related products .....	39.5	12.43
Miscellaneous manufacturing .....	38.6	12.77
Nondurable goods .....	40.0	13.99
Food manufacturing .....	39.2	12.36
Beverages and tobacco products .....	39.2	17.69
Textile mills .....	41.4	11.67
Textile product mills .....	39.6	10.81
Apparel .....	36.7	9.04
Leather and allied products .....	37.1	10.83
Paper and paper products .....	41.7	16.58
Printing and related support activities .....	38.5	14.78
Petroleum and coal products .....	42.5	23.04
Chemicals .....	41.9	17.82
Plastics and rubber products .....	40.6	13.42
Private service-providing .....	32.2	14.45
Trade, transportation, and utilities .....	33.3	13.97
Wholesale trade .....	37.7	16.83
Retail trade .....	30.5	11.64
Transportation and warehousing .....	36.5	15.62
Utilities .....	40.4	23.85
Information .....	36.3	19.90
Financial activities .....	35.3	15.86
Professional and business services .....	34.0	16.66
Education and health services .....	32.2	15.02
Leisure and hospitality .....	25.5	8.50
Other services .....	31.9	13.60



assumes that the total estimation error accumulated at a steady rate since the last benchmark. Applying previously derived over-the-month sample changes to the revised March level yields revised estimates for the months following the March benchmark. New net birth/death model levels also are calculated and applied during post-benchmark estimation and new sample is introduced from the annual update.

*Benchmark source material.* The principal source of benchmark data for private industries is the ES-202 report. This report contains employment data provided to State employment security agencies by employers covered by State UI laws. BLS uses several other sources to establish benchmarks for the remaining industries partially covered or exempt from mandatory UI coverage, accounting for 3 percent of the nonfarm employment total.

Data on employees covered under Social Security laws, published by the U.S. Census Bureau in *County Business Patterns*, are used to augment UI data for nonoffice insurance sales workers, child day care workers, religious organizations, and private schools and hospitals. Benchmarks for State and local government hospitals and educational institutions are based on the Annual Census of Governments conducted by the Census Bureau. Benchmark data from these sources are available only on a 1- or 2-year lagged basis. Extrapolation to a current level is accomplished by assuming and applying the employment trends from the UI-covered part of the population in these industries to the noncovered part. Universe data for interstate railroads are obtained from the Railroad Retirement Board.

*Business birth and death estimation.* Regular updating of the CES sample frame, with information from the UI universe files helps to keep the CES survey current with respect to employment from business births and business deaths. The timeliest UI universe files available, however, always will be a minimum of 9 months out of date. The CES survey thus can not rely on regular frame maintenance alone to provide estimates for business birth and death employment contributions. BLS has researched both sample-based and model-based approaches to measuring birth units that have not yet appeared on the UI universe frame. The research demonstrated that sampling for births was not feasible in the very short CES production timeframes. Therefore BLS is utilizing a model-based approach for this component.

Earlier research indicated that, while both the business birth and death portions of total employment are generally significant, the net contribution is relatively small and stable. To account for this net birth/death portion of total employment, BLS is utilizing an estimation procedure with two components. The first component uses business deaths to impute employment for business births. This is incorporated into the sample-based link relative estimate procedure by simply not reflecting sample units going out of business, but imputing to them the same trend as the

other firms in the sample. The second component is an ARIMA (Auto-Regressive Integrated Moving Average) time series model designed to estimate the residual net birth/death employment not accounted for by the imputations. The historical time series used to create and test the ARIMA model was derived from the UI universe micro-level database, and reflects the actual residual net of births and deaths over the past 5 years. The ARIMA model component is reviewed on a quarterly basis. The net birth/death model component figures are unique to each month and include negative adjustments in some months. Furthermore, these figures may exhibit a seasonal pattern observed in the historical UI universe data series.

The most significant potential drawback to this or any model-based approach is that time series modeling assumes a predictable continuation of historical patterns and relationships and therefore is likely to have some difficulty producing reliable estimates at economic turning points or during periods when there are sudden changes in trend. BLS will continue researching alternative model-based techniques for the net birth/death component; it is likely to remain as the most problematic part of the estimation process.

### **Availability of revised data**

LABSTAT, the BLS public database on the Internet, contains all historical employment, hours, and earnings data revised as a result of this benchmark, both unadjusted and seasonally adjusted data. The data can be accessed at <http://www.bls.gov/ces/>, the Current Employment Statistics homepage. The series code under NAICS for CES to be used in the LABSTAT database queries is slightly different. The prefix for the NAICS series will be "CE" and the industry code will expand by two digits to accommodate the longer NAICS code. The old SIC database with the prefix "EE" will be available indefinitely with data ending with April 2003 and will not be updated. Employment, hours, and earnings estimates are published monthly in *Employment and Earnings*.

### **Seasonal adjustment procedure**

BLS uses X-12 ARIMA software developed by the U.S. Census Bureau to seasonally adjust national employment, hours, and earnings series derived from the CES program. Individual series are seasonally adjusted using either a multiplicative or an additive model. For employment, seasonal adjustment factors are directly applied to the component levels. Individual 3-digit NAICS levels are seasonally adjusted, and higher-level aggregates are formed by the summation of these components. Seasonally adjusted totals for hours and earnings are obtained by taking weighted averages of the seasonally adjusted data for the component series.

Beginning in June 2003 with the May first preliminary estimates, BLS will compute seasonal factors concurrently with the monthly estimate production. Previously, the factors were forecasted twice a year. Concurrent seasonal adjustment

is expected to provide a more accurate seasonal adjustment, and smaller revisions from the first preliminary estimates to the final benchmarked estimates, than the semiannual updates. As a result of the adoption of concurrent seasonal adjustment, the CES program has discontinued the publication of projected seasonal factors.

### Special model adjustments

*Variable survey intervals.* Beginning with the release of the 1995 benchmark, BLS refined the seasonal adjustment procedures to control for survey interval variations, sometimes referred to as the 4- versus 5-week effect. Although the CES survey is referenced to a consistent concept—the pay period including the 12th of each month—inconsistencies arise because there are sometimes 4 and sometimes 5 weeks between the week including the 12th in a given pair of months. In highly seasonal industries, these variations 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.

Standard seasonal adjustment methodology relies heavily on the experience of the most recent 3 years to determine the expected seasonal change in employment for each month of the current year. Prior to the implementation of the adjustment, the procedure did not distinguish between 4- and 5-week survey intervals and the accuracy of the seasonal expectation depended in large measure on how well the current year's survey interval corresponded with those from the previous 3 years. All else being the same, the greatest potential for distortion occurred when the current month being estimated had a 5-week interval but the 3 years preceding it were all 4-week intervals, or, conversely, when the current month had a 4-week interval but the 3 years preceding it were all 5-week intervals.

BLS has adopted REGARIMA (regression with autocorrelated errors) modeling to identify the estimated size and significance of the calendar effect for each published series. REGARIMA combines standard regression analysis, which measures correlation among two or more variables, with ARIMA modeling, which describes and predicts the behavior of a data series based on its own past history. For many economic time series, including nonfarm payroll employment, observations are autocorrelated over time. That is, each month's value is significantly dependent on the observations that precede it; these series, thus, usually can be successfully fit using ARIMA models. If autocorrelated time series are modeled through regression analysis alone, the measured relationships among other variables of interest may be distorted due to the influence of the autocorrelation. Thus, the REGARIMA technique is appropriate to measuring relationships among variables of interest in series that exhibit autocorrelation, such as nonfarm payroll employment.

In this application, the correlations of interest are those between employment levels in individual calendar months

and the lengths of the survey intervals for those months. The REGARIMA models evaluate the variation in employment levels attributable to 11 separate survey interval variables, one specified for each month, except March. March is excluded because there is almost always 4 weeks between the February and March surveys. Models for individual basic series were fitted with the most recent 10 years of data available, the standard time span used for CES seasonal adjustment.

The REGARIMA procedure yielded regression coefficients for each of the 11 months specified in the model. These coefficients provide estimates of the strength of the relationship between employment levels and the number of weeks between surveys for the 11 modeled months. The X-12 ARIMA software also produces diagnostic statistics that permit the assessment of the statistical significance of the regression coefficients, and all series are reviewed for model adequacy.

Because the 11 coefficients derived from the REGARIMA models provide an estimate of the magnitude of variation in employment levels associated with the length of the survey interval, these coefficients were used to adjust the CES data to remove the calendar effect. These "filtered" series then were seasonally adjusted using the standard X-12 ARIMA software previously used.

For a few series, REGARIMA models did not fit well; these series were seasonally adjusted with the X-12 software but without the interval-effect adjustment. For all employees, the series are transportation equipment, transit and ground passenger transportation, social assistance, and membership associations and organizations. The series for women workers, production and nonsupervisory workers, average weekly hours, average weekly overtime hours, and average hourly earnings also are adjusted with X-12 ARIMA including interval-effect modeling. As with the all-employee data, there were a few series which could not successfully be fitted to ARIMA/REGARIMA models and these do not include the interval-effect adjustment. These series are transportation equipment for women workers; wholesale trade, retail trade, transportation and warehousing, information, financial activities, professional and business services, education and health services, leisure and hospitality, and other services for average weekly hours; and wholesale trade, financial activities, professional and business services, and other services for average hourly earnings. All production or nonsupervisory worker and average overtime hours series were successfully fitted to the models and include the interval-effect adjustment.

*Construction series.* BLS also continues its special treatment in seasonally adjusting the construction industry series, which began with the 1996 benchmark revision. In the application of the interval-effect modeling process to the construction series, there initially was difficulty in accurately identifying and measuring the effect because of the strong influence of variable weather patterns on

employment movements in the industry. Further research allowed BLS to incorporate interval-effect modeling for the construction industry by disaggregating the construction series into its finer industry and geographic estimating cells and tightening outlier designation parameters. This allowed a more precise identification of weather-related outliers that had masked the interval effect and clouded the seasonal adjustment patterns in general. With these outliers removed, interval-effect modeling became feasible. The result is a seasonally adjusted series for construction that is improved because it is controlled for two potential distortions, unusual weather events and the 4- versus 5-week effect.

*Floating holidays.* BLS is continuing the practice of making special adjustments for average weekly hours and average weekly overtime series to account for the presence or absence of religious holidays in the April survey reference period and the occurrence of Labor Day in the September reference period back to 1939, or when the series begins.

*Local government series.* A special adjustment also is made in November each year for poll workers in the local government, excluding education series; this adjustment is incorporated as part of the X-12 modeling process from 1988 forward. An X-11 ARIMA-based procedure is used for earlier years.

*Refinements in hours and earnings seasonal adjustment.* With the release of the 1997 benchmark, BLS implemented refinements to the seasonal adjustment process for the hours and earnings series to correct for distortions related to the method of accounting for the varying length of payroll periods across months. There is a significant correlation between over-the-month changes in both the average weekly hours (AWH) and the average hourly earnings (AHE) series and the number of weekdays in a month, resulting in noneconomic fluctuations in these two series. Both AWH and AHE show more growth in "short" months (20 or 21 weekdays) than in "long" months (22 or 23 weekdays). Much of the previously unexplained volatility in these series is attributable to this calendar effect. The effect is stronger for the AWH than for the AHE series.

The calendar effect is traceable to response and processing errors associated with converting payroll and hours information from sample respondents with semimonthly or monthly pay periods to a weekly equivalent. The response error comes from sample respondents reporting a fixed number of total hours for workers regardless of the length of the reference month, while the CES conversion process assumes that the hours reporting will be variable. A constant level of hours reporting most likely occurs when employees are salaried rather than paid by the hour, as employers are less likely to keep actual detailed hours records for such employees. This causes artificial peaks in the AWH series in shorter months that are reversed in longer months.

The processing error occurs when respondents with salaried workers report hours correctly (vary them according to the length of the month), which dictates that different conversion factors be applied to payroll and hours. The CES processing system uses the hours conversion factor for both fields, resulting in peaks in the AHE series in short months and reversals in long months. Currently, the CES processing system can accommodate only one conversion factor per reporter.

REGARIMA modeling is used to identify, measure, and remove the length-of-pay-period effect for seasonally adjusted average weekly hours and average hourly earnings series. The length-of-pay-period variable proves significant for explaining AWH movements in all the service-providing industries, except retail trade. For AHE, the length-of-pay-period variable is significant for wholesale trade; financial activities; professional and business services; and other services. All AWH series in the service-providing industries, except retail trade, have been adjusted from January 1990 forward. The AHE series for wholesale trade; financial activities; professional and business services; and other services have been adjusted from January 1990 forward, as well. For this reason, calculations of over-the-year change in the establishment hours and earnings series should use seasonally adjusted data.

The series to which the length-of-pay-period adjustment is applied are not subject to the 4- versus 5-week adjustment, because the modeling cannot support the number of variables that would be required in the regression equation to make both adjustments. Because the 4- versus 5-week model shows only marginal significance in the service-providing industries, its replacement with the length-of-pay-period adjustment in those industries, with the exception of retail trade, is a viable tradeoff. The 4- versus 5-week adjustment is most significant in manufacturing hours and earnings series; it will continue to be applied there and in other divisions not affected by the length-of-pay-period variable.

*Additive and multiplicative models.* Prior to this benchmark release, all CES series were adjusted using multiplicative seasonal adjustment models. Although the X-12 ARIMA seasonal adjustment program provides for either an additive or a multiplicative adjustment depending on which model best fits the individual series, the previous CES processing system was unable to utilize additive seasonal adjustments. A new processing system, being introduced simultaneously with the conversion to NAICS, is able to utilize both additive and multiplicative adjustments. See exhibit 4 for a list of which series are adjusted with additive seasonal adjustment models and which series are adjusted with multiplicative models. Exhibit 4 also designates which series are subject to the calendar-effects modeling described earlier.

Exhibit 4. Mode of adjustment used for seasonal adjustment of nonfarm payroll series

Industry	Mode of adjustment	Special adjustments			
		4/5 week	10/11 day	Easter/ Labor Day	Other
	All employees				
Logging .....	Multiplicative	X			
Oil and gas extraction .....	Multiplicative	X			
Mining, except oil and gas .....	Multiplicative	X			
Coal mining .....	Multiplicative	X			
Support activities for mining .....	Multiplicative	X			
Construction of buildings .....	-	X			Indirect <sup>1</sup>
Heavy and civil engineering construction .....	Additive	X			
Specialty trade contractors .....	-	X			Indirect <sup>1</sup>
Wood products .....	Additive	X			
Nonmetallic mineral products .....	Additive	X			
Primary metals .....	Multiplicative	X			
Fabricated metal products .....	Multiplicative	X			
Machinery .....	Multiplicative	X			
Computer and electronic products .....	Multiplicative	X			
Computer and peripheral equipment .....	Additive	X			
Communications equipment .....	Additive	X			
Semiconductors and electronic components .....	Multiplicative	X			
Electronic instruments .....	Multiplicative	X			
Electrical equipment and appliances .....	Multiplicative	X			
Transportation equipment .....	Multiplicative				
Furniture and related products .....	Additive	X			
Miscellaneous manufacturing .....	Multiplicative	X			
Food manufacturing .....	Multiplicative	X			
Beverages and tobacco products .....	Multiplicative	X			
Textile mills .....	Additive	X			
Textile product mills .....	Additive	X			
Apparel .....	Multiplicative	X			
Leather and allied products .....	Multiplicative	X			
Paper and paper products .....	Multiplicative	X			
Printing and related support activities .....	Additive	X			
Petroleum and coal products .....	Additive	X			
Chemicals .....	Multiplicative	X			
Plastics and rubber products .....	Multiplicative	X			
Wholesale trade, durable goods .....	Multiplicative	X			
Wholesale trade, nondurable goods .....	Multiplicative	X			
Electronic markets and agents and brokers .....	Multiplicative	X			
Motor vehicle and parts dealers .....	Multiplicative	X			
Automobile dealers .....	Additive	X			
Furniture and home furnishings stores .....	Multiplicative	X			
Electronics and appliance stores .....	Multiplicative	X			
Building material and garden supply stores .....	Multiplicative	X			
Food and beverage stores .....	Multiplicative	X			
Health and personal care stores .....	Multiplicative	X			
Gasoline stations .....	Multiplicative	X			
Clothing and clothing accessories stores .....	Multiplicative	X			
Sporting goods, hobby, book, and music stores .....	Multiplicative	X			
General merchandise stores .....	Multiplicative	X			
Department stores .....	Multiplicative	X			
Miscellaneous store retailers .....	Additive	X			
Nonstore retailers .....	Multiplicative	X			
Air transportation .....	Multiplicative	X			
Rail transportation .....	Multiplicative	X			
Water transportation .....	Multiplicative	X			
Truck transportation .....	Additive	X			
Transit and ground passenger transportation .....	Additive				
Pipeline transportation .....	Additive	X			
Scenic and sightseeing transportation .....	Multiplicative	X			
Support activities for transportation .....	Additive	X			
Couriers and messengers .....	Multiplicative	X			
Warehousing and storage .....	Multiplicative	X			

See footnotes at end of exhibit.

Exhibit 4. Mode of adjustment used for seasonal adjustment of nonfarm payroll series—Continued

Industry	Mode of adjustment	Special adjustments			
		4/5 week	10/11 day	Easter/ Labor Day	Other
	All employees				
Utilities .....	Multiplicative	X			
Publishing industries, except Internet .....	Multiplicative	X			
Motion picture and sound recording industries .....	Multiplicative	X			
Broadcasting, except Internet .....	Multiplicative	X			
Internet publishing and broadcasting .....	Multiplicative	X			
Telecommunications .....	Multiplicative	X			
ISPs, search portals, and data processing .....	Multiplicative	X			
Other information services .....	Additive	X			
Monetary authorities – central bank .....	Additive	X			
Credit intermediation and related activities .....	Multiplicative	X			
Depository credit intermediation .....	Multiplicative	X			
Commercial banking .....	Multiplicative	X			
Securities, commodity contracts, investments .....	Multiplicative	X			
Insurance carriers and related activities .....	Multiplicative	X			
Funds, trusts, and other financial vehicles .....	Multiplicative	X			
Real estate .....	Multiplicative	X			
Rental and leasing services .....	Multiplicative	X			
Lessors of nonfinancial intangible assets .....	Multiplicative	X			
Professional and technical services .....	Multiplicative	X			
Legal services .....	Multiplicative	X			
Accounting and bookkeeping services .....	Multiplicative	X			
Architectural and engineering services .....	Multiplicative	X			
Computer systems design and related services .....	Multiplicative	X			
Management and technical consulting services .....	Multiplicative	X			
Management of companies and enterprises .....	Multiplicative	X			
Administrative and support services .....	Multiplicative	X			
Employment services .....	Multiplicative	X			
Temporary help services .....	Multiplicative	X			
Business support services .....	Multiplicative	X			
Services to buildings and dwellings .....	Multiplicative	X			
Waste management and remediation services .....	Multiplicative	X			
Educational services .....	Additive	X			
Ambulatory health care services .....	Additive	X			
Offices of physicians .....	Additive	X			
Outpatient care centers .....	Additive	X			
Home health care services .....	Additive	X			
Hospitals .....	Additive	X			
Nursing and residential care facilities .....	Additive	X			
Nursing care facilities .....	Additive	X			
Social assistance .....	Multiplicative				
Child day care services .....	Multiplicative	X			
Performing arts and spectator sports .....	Multiplicative	X			
Museums, historical sites, zoos, and parks .....	Multiplicative	X			
Amusements, gambling, and recreation .....	Multiplicative	X			
Accommodations .....	Multiplicative	X			
Food services and drinking places .....	Additive	X			
Repair and maintenance .....	Additive	X			
Personal and laundry services .....	Multiplicative	X			
Membership associations and organizations .....	Additive				
Federal Government, except U.S. Postal Service .....	Multiplicative	X			
U.S. Postal Service .....	Multiplicative	X			
State government education .....	Additive	X			
State government, excluding education .....	Multiplicative	X			
Local government education .....	Additive	X			
Local government, excluding education .....	Additive	X			
					Election <sup>2</sup>

See footnotes at end of exhibit.

Exhibit 4. Mode of adjustment used for seasonal adjustment of nonfarm payroll series—Continued

Industry	Mode of adjustment	Special adjustments			
		4/5 week	10/11 day	Easter/ Labor Day	Other
Women workers					
Natural resources and mining .....	Additive	X			
Mining .....	Additive	X			
Construction .....	Multiplicative	X			
Manufacturing, durable goods .....	Multiplicative	X			
Manufacturing, nondurable goods .....	Multiplicative	X			
Wholesale trade .....	Multiplicative	X			
Retail trade .....	Multiplicative	X			
Transportation and warehousing .....	Multiplicative	X			
Utilities .....	Multiplicative	X			
Information .....	Multiplicative	X			
Finance and insurance .....	Multiplicative	X			
Real estate and rental and leasing .....	Additive	X			
Professional and technical services .....	Multiplicative	X			
Management of companies and enterprises .....	Multiplicative	X			
Administrative and waste services .....	Multiplicative	X			
Educational services .....	Multiplicative	X			
Health care and social assistance .....	Multiplicative	X			
Arts, entertainment, and recreation .....	Multiplicative	X			
Accommodations and food services .....	Multiplicative	X			
Other services .....	Multiplicative	X			
Federal Government .....	Additive	X			
State government .....	Multiplicative	X			
Local government .....	Multiplicative	X			Election <sup>2</sup>
Production or nonsupervisory workers <sup>3</sup>					
Natural resources and mining .....	Multiplicative	X			
Construction .....	Additive	X			
Wood products .....	Additive	X			
Nonmetallic mineral products .....	Additive	X			
Primary metals .....	Multiplicative	X			
Fabricated metal products .....	Multiplicative	X			
Machinery .....	Additive	X			
Computer and electronic products .....	Multiplicative	X			
Electrical equipment and appliances .....	Multiplicative	X			
Transportation equipment .....	Multiplicative	X			
Furniture and related products .....	Additive	X			
Miscellaneous manufacturing .....	Multiplicative	X			
Food manufacturing .....	Multiplicative	X			
Beverages and tobacco products .....	Additive	X			
Textile mills .....	Additive	X			
Textile product mills .....	Additive	X			
Apparel .....	Additive	X			
Leather and allied products .....	Multiplicative	X			
Paper and paper products .....	Additive	X			
Printing and related support activities .....	Additive	X			
Petroleum and coal products .....	Additive	X			
Chemicals .....	Additive	X			
Plastics and rubber products .....	Multiplicative	X			
Wholesale trade .....	Multiplicative	X			
Retail trade .....	Multiplicative	X			
Transportation and warehousing .....	Additive	X			
Utilities .....	Multiplicative	X			
Information .....	Multiplicative	X			
Financial activities .....	Additive	X			
Professional and business services .....	Multiplicative	X			
Education and health services .....	Multiplicative	X			
Leisure and hospitality .....	Multiplicative	X			
Other services .....	Additive	X			

See footnotes at end of exhibit.

Exhibit 4. Mode of adjustment used for seasonal adjustment of nonfarm payroll series—Continued

Industry	Mode of adjustment	Special adjustments			
		4/5 week	10/11 day	Easter/ Labor Day	Other
Average weekly hours <sup>3</sup>					
Natural resources and mining .....	Multiplicative	X		X	
Construction .....	Additive	X		X	
Wood products .....	Additive	X		X	
Nonmetallic mineral products .....	Additive	X		X	
Primary metals .....	Multiplicative	X		X	
Fabricated metal products .....	Multiplicative	X		X	
Machinery .....	Multiplicative	X		X	
Computer and electronic products .....	Multiplicative	X		X	
Electrical equipment and appliances .....	Multiplicative	X		X	
Transportation equipment .....	Multiplicative	X		X	
Furniture and related products .....	Additive	X		X	
Miscellaneous manufacturing .....	Additive	X		X	
Food manufacturing .....	Additive	X		X	
Beverages and tobacco products .....	Multiplicative	X		X	
Textile mills .....	Additive	X		X	
Textile product mills .....	Additive	X		X	
Apparel .....	Additive	X		X	
Leather and allied products .....	Additive	X		X	
Paper and paper products .....	Multiplicative	X		X	
Printing and related support activities .....	Additive	X		X	
Petroleum and coal products .....	Multiplicative	X		X	
Chemicals .....	Multiplicative	X			
Plastics and rubber products .....	Multiplicative	X		X	
Wholesale trade .....	Multiplicative		X	X	
Retail trade .....	Multiplicative		X		
Transportation and warehousing .....	Multiplicative		X	X	
Utilities .....	Multiplicative	X			
Information .....	Multiplicative		X		
Financial activities .....	Multiplicative		X		
Professional and business services .....	Multiplicative		X	X	
Education and health services .....	Multiplicative		X		
Leisure and hospitality .....	Additive		X		
Other services .....	Multiplicative		X	X	
Average overtime hours <sup>4</sup>					
Manufacturing, durable goods .....	Additive	X		X	
Manufacturing, nondurable goods .....	Additive	X		X	
Average hourly earnings <sup>3</sup>					
Natural resources and mining .....	Additive	X			
Construction .....	Additive	X			
Manufacturing, durable goods .....	Additive	X			
Manufacturing, nondurable goods .....	Multiplicative	X			
Wholesale trade .....	Multiplicative		X		
Retail trade .....	Multiplicative	X			
Transportation and warehousing .....	Additive	X			
Utilities .....	Multiplicative	X			
Information .....	Multiplicative	X			
Financial activities .....	Multiplicative		X		
Professional and business services .....	Multiplicative		X		
Education and health services .....	Multiplicative	X			
Leisure and hospitality .....	Additive	X			
Other services .....	Multiplicative		X		

<sup>1</sup> Seasonal adjustment occurs at the finest industry detail available.

<sup>2</sup> Special adjustment for the presence/absence of poll workers in local government.

<sup>3</sup> Data relate to production workers in natural resources and

mining and manufacturing; construction workers in construction; and nonsupervisory workers in private service-providing industries.

<sup>4</sup> Data relate to production workers in manufacturing.

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

(Numbers in thousands)

Category	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>Labor force status</b>													
Civilian noninstitutional population .....	217,198	217,407	217,630	217,866	218,107	218,340	218,548	218,741	219,897	220,114	220,317	220,540	220,768
Civilian labor force .....	144,911	144,852	144,786	145,123	145,634	145,393	145,180	145,150	145,838	145,857	145,793	146,473	146,485
Percent of population .....	66.7	66.6	66.5	66.6	66.8	66.6	66.4	66.4	66.3	66.3	66.2	66.4	66.4
Employed .....	136,487	136,383	136,343	136,757	137,312	136,988	136,542	136,439	137,536	137,408	137,348	137,687	137,487
Percent of population .....	62.8	62.7	62.6	62.8	63.0	62.7	62.5	62.4	62.5	62.4	62.3	62.4	62.3
Unemployed .....	8,424	8,469	8,443	8,366	8,321	8,405	8,637	8,711	8,302	8,450	8,445	8,786	8,998
Not in labor force .....	72,287	72,556	72,844	72,743	72,473	72,947	73,369	73,591	74,059	74,257	74,524	74,067	74,283
<b>Unemployment rates</b>													
All workers .....	5.8	5.8	5.8	5.8	5.7	5.8	5.9	6.0	5.7	5.8	5.8	6.0	6.1
Men, 20 years and over .....	5.2	5.4	5.3	5.3	5.3	5.4	5.6	5.6	5.4	5.3	5.3	5.6	5.9
Women, 20 years and over .....	5.2	5.1	5.1	5.0	5.0	5.2	5.0	5.2	4.7	5.0	5.0	5.1	5.1
Both sexes, 16 to 19 years .....	17.0	16.9	17.0	16.9	16.2	15.1	16.8	16.4	16.8	17.1	17.7	18.0	18.5
White .....	5.2	5.2	5.2	5.1	5.1	5.1	5.2	5.1	5.1	5.0	5.1	5.2	5.4
Black or African American .....	10.1	10.6	9.9	9.9	9.8	9.9	10.8	11.2	10.3	10.5	10.2	10.9	10.8
Hispanic or Latino ethnicity .....	7.1	7.4	7.5	7.6	7.5	7.8	7.8	7.9	7.8	7.7	7.5	7.5	8.2

NOTE: Beginning in January 2003, data reflect revised population controls used in the household survey.

**Summary table B. Employment, hours, and earnings of employees on nonfarm payrolls, seasonally adjusted**

(Numbers in thousands)

Industry	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>Employment</b>													
Total nonfarm .....	130,411	130,383	130,204	130,224	130,289	130,408	130,409	130,198	130,356	130,235	130,084	130,084	130,067
Goods-producing <sup>1</sup> .....	22,667	22,639	22,588	22,527	22,497	22,435	22,409	22,323	22,288	22,191	22,159	22,104	22,075
Construction .....	6,716	6,725	6,703	6,719	6,728	6,720	6,745	6,731	6,738	6,700	6,720	6,757	6,783
Manufacturing .....	15,367	15,334	15,309	15,233	15,196	15,143	15,091	15,020	14,982	14,922	14,874	14,784	14,731
Service-providing <sup>1</sup> .....	107,744	107,744	107,616	107,697	107,792	107,973	108,000	107,875	108,068	108,044	107,925	107,980	107,992
Trade, transportation, and utilities .....	25,536	25,530	25,513	25,458	25,430	25,439	25,406	25,378	25,376	25,346	25,338	25,332	25,307
Information .....	3,434	3,424	3,410	3,401	3,383	3,392	3,382	3,353	3,328	3,308	3,305	3,307	3,301
Financial activities .....	7,825	7,830	7,830	7,830	7,851	7,872	7,880	7,889	7,902	7,916	7,930	7,953	7,965
Professional and business services .....	16,035	16,026	15,973	16,008	16,008	16,036	16,014	15,972	16,015	16,043	15,980	15,981	16,029
Education and health services .....	16,130	16,183	16,194	16,241	16,273	16,315	16,357	16,373	16,405	16,430	16,452	16,498	16,516
Leisure and hospitality .....	11,922	11,904	11,918	11,940	11,975	12,032	12,069	12,019	12,132	12,084	12,050	12,043	12,034
Government .....	21,504	21,492	21,448	21,479	21,526	21,544	21,540	21,556	21,576	21,588	21,547	21,545	21,520
<b>Over-the-month change</b>													
Total nonfarm .....	-4	-28	-179	20	65	119	1	-211	158	-121	-151	0	-17
Goods-producing <sup>1</sup> .....	-46	-28	-51	-61	-30	-62	-26	-86	-35	-97	-32	-55	-29
Construction .....	-3	9	-22	16	9	-8	25	-14	7	-38	20	37	26
Manufacturing .....	-39	-33	-25	-76	-37	-53	-52	-71	-38	-60	-48	-90	-53
Service-providing <sup>1</sup> .....	42	0	-128	81	95	181	27	-125	193	-24	-119	55	12
Trade, transportation, and utilities .....	-24	-6	-17	-55	-28	9	-33	-28	-2	-30	-8	-6	-25
Information .....	-9	-10	-14	-9	-18	9	-10	-29	-25	-20	-3	2	-6
Financial activities .....	-3	5	0	0	21	21	8	9	13	14	14	23	12
Professional and business services .....	12	-9	-53	35	0	28	-22	-42	43	28	-63	1	48
Education and health services .....	30	53	11	47	32	42	42	16	32	25	22	46	18
Leisure and hospitality .....	-7	-18	14	22	35	57	37	-50	113	-48	-34	-7	-9
Government .....	46	-12	-44	31	47	18	-4	16	20	12	-41	-2	-25
<b>Hours of work<sup>2</sup></b>													
Total private .....	33.9	34.0	33.8	33.9	33.9	33.8	33.8	33.8	33.8	33.7	33.8	33.7	33.7
Manufacturing .....	40.6	40.7	40.4	40.5	40.5	40.3	40.4	40.5	40.4	40.4	40.4	40.1	40.2
Overtime .....	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.3	4.1	4.0	4.1
<b>Indexes of aggregate weekly hours (2002=100)<sup>2</sup></b>													
Total private .....	100.2	100.4	99.7	99.9	99.9	99.7	99.6	99.4	99.4	99.0	99.0	98.7	98.7
Manufacturing .....	100.7	100.7	99.9	99.5	99.3	98.5	98.4	98.2	97.6	97.2	96.6	95.2	95.0
<b>Earnings<sup>2</sup></b>													
Average hourly earnings, total private:													
Current dollars .....	\$14.86	\$14.93	\$14.97	\$15.02	\$15.05	\$15.10	\$15.14	\$15.20	\$15.22	\$15.29	\$15.29	\$15.29	\$15.34
Constant(1982) dollars <sup>3</sup> .....	8.21	8.23	8.23	8.24	8.24	8.26	8.27	8.30	8.28	8.26	8.22	8.26	N.A.
Average weekly earnings, total private .....	503.75	507.62	505.99	509.18	510.20	510.38	511.73	513.76	514.44	515.27	516.80	515.27	516.96

<sup>1</sup> Includes other industries, not shown separately.

<sup>2</sup> Data relate to production or nonsupervisory workers.

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

N.A. = not available.

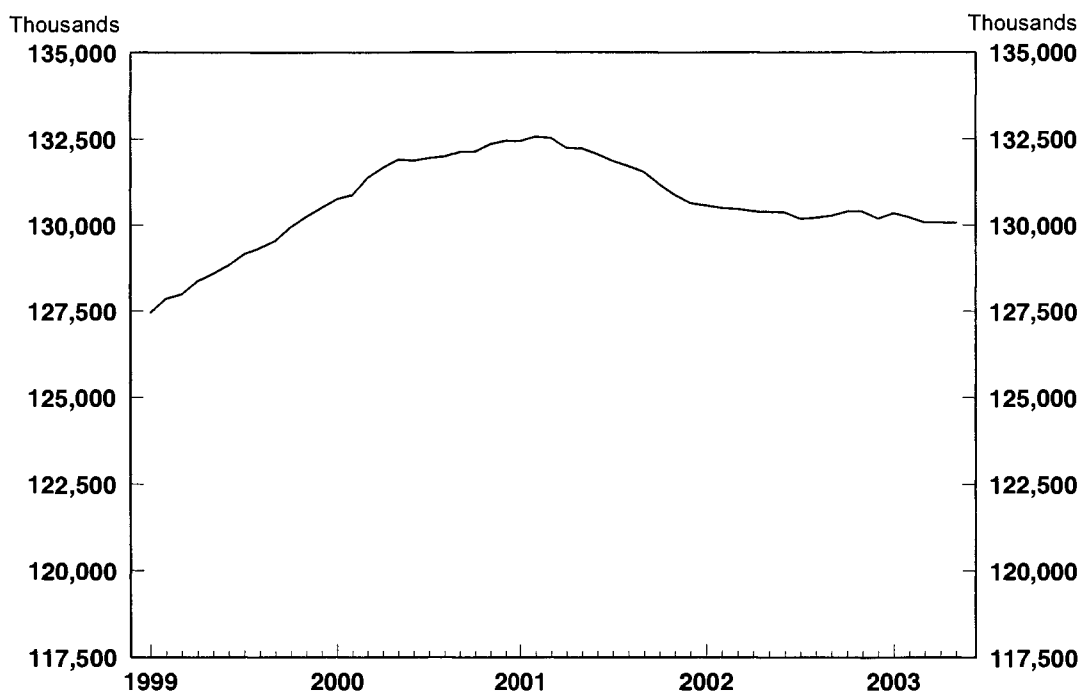
<sup>P</sup> = preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and

tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

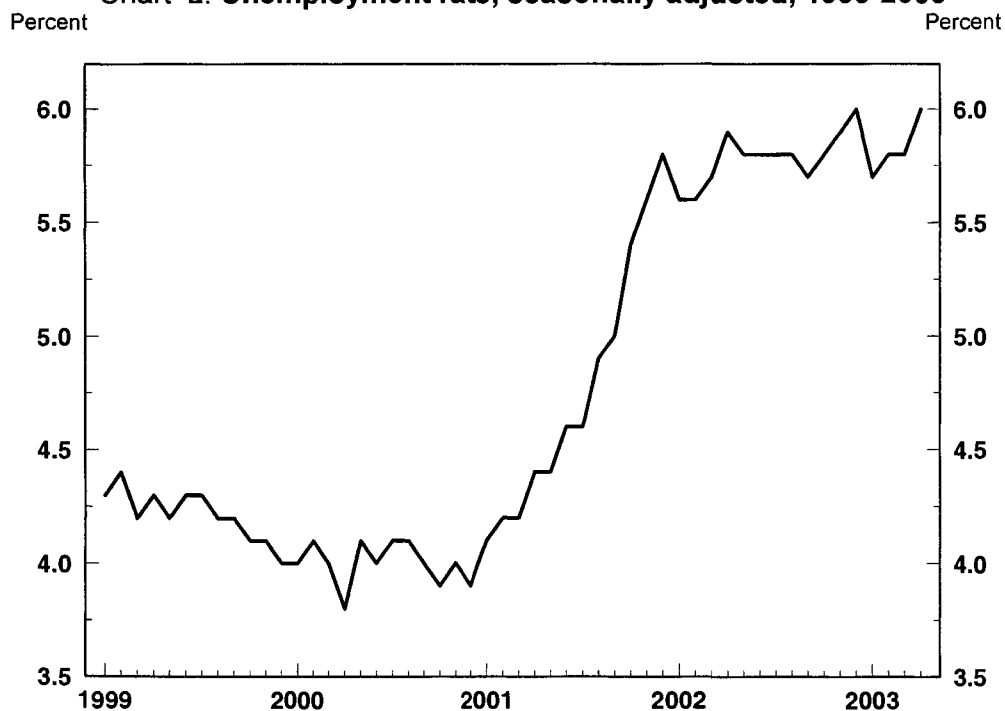


**Chart 1. Nonfarm payroll employment, seasonally adjusted, 1999-2003**



NOTE: Data have been revised. See the article in this issue for addition information.

**Chart 2. Unemployment rate, seasonally adjusted, 1999-2003**



NOTE: Beginning in 1999, data incorporate revisions in the population controls. Beginning in 2000, data include the use of new population controls that reflect Census 2000 results. Beginning in January 2003, data reflect an additional upward adjustment to population controls and other changes to the survey. These changes affect comparability with data for prior periods.

## Obtaining information from the Bureau of Labor Statistics

Office or topic	Internet address	E-mail
Bureau of Labor Statistics Information services	<a href="http://www.bls.gov/">http://www.bls.gov/</a> <a href="http://www.bls.gov/opub/">http://www.bls.gov/opub/</a>	<a href="mailto:blsdata_staff@bls.gov">blsdata_staff@bls.gov</a>
<b>Employment and unemployment</b>		
Employment, hours, and earnings: National State and local Labor force statistics: National Local UI-covered employment, wages Occupational employment Mass layoffs Longitudinal data	<a href="http://www.bls.gov/ces/">http://www.bls.gov/ces/</a> <a href="http://www.bls.gov/sae/">http://www.bls.gov/sae/</a> <a href="http://www.bls.gov/cps/home.htm">http://www.bls.gov/cps/home.htm</a> <a href="http://www.bls.gov/lau/">http://www.bls.gov/lau/</a> <a href="http://www.bls.gov/cew/">http://www.bls.gov/cew/</a> <a href="http://www.bls.gov/oes/">http://www.bls.gov/oes/</a> <a href="http://www.bls.gov/lau/">http://www.bls.gov/lau/</a> <a href="http://www.bls.gov/nls/">http://www.bls.gov/nls/</a>	<a href="mailto:cesinfo@bls.gov">cesinfo@bls.gov</a> <a href="mailto:data_sa@bls.gov">data_sa@bls.gov</a> <a href="mailto:cpsinfo@bls.gov">cpsinfo@bls.gov</a> <a href="mailto:lausinfo@bls.gov">lausinfo@bls.gov</a> <a href="mailto:cewinfo@bls.gov">cewinfo@bls.gov</a> <a href="mailto:oesinfo@bls.gov">oesinfo@bls.gov</a> <a href="mailto:mlsinfo@bls.gov">mlsinfo@bls.gov</a> <a href="mailto:nls_info@bls.gov">nls_info@bls.gov</a>
<b>Prices and living conditions</b>		
Consumer price indexes Producer price indexes) Import and export price indexes Consumer expenditures	<a href="http://www.bls.gov/cpi/">http://www.bls.gov/cpi/</a> <a href="http://www.bls.gov/ppi/">http://www.bls.gov/ppi/</a> <a href="http://www.bls.gov/mxp/">http://www.bls.gov/mxp/</a> <a href="http://www.bls.gov/cex/">http://www.bls.gov/cex/</a>	<a href="mailto:cpi_info@bls.gov">cpi_info@bls.gov</a> <a href="mailto:ppi-info@bls.gov">ppi-info@bls.gov</a> <a href="mailto:mxpinfo@bls.gov">mxpinfo@bls.gov</a> <a href="mailto:cexinfo@bls.gov">cexinfo@bls.gov</a>
<b>Compensation and working conditions</b>		
National Compensation Survey: Employee benefits Employment cost trends Occupational compensation Occupational illnesses, injuries Fatal occupational injuries Collective bargaining	<a href="http://www.bls.gov/ncs/">http://www.bls.gov/ncs/</a> <a href="http://www.bls.gov/ebs/">http://www.bls.gov/ebs/</a> <a href="http://www.bls.gov/ect/">http://www.bls.gov/ect/</a> <a href="http://www.bls.gov/ncs/">http://www.bls.gov/ncs/</a> <a href="http://www.bls.gov/iif/">http://www.bls.gov/iif/</a> <a href="http://www.bls.gov/iif/">http://www.bls.gov/iif/</a> <a href="http://www.bls.gov/cba/">http://www.bls.gov/cba/</a>	<a href="mailto:ocltinfo@bls.gov">ocltinfo@bls.gov</a> <a href="mailto:ocltinfo@bls.gov">ocltinfo@bls.gov</a> <a href="mailto:ocltinfo@bls.gov">ocltinfo@bls.gov</a> <a href="mailto:ocltinfo@bls.gov">ocltinfo@bls.gov</a> <a href="mailto:oshstaff@bls.gov">oshstaff@bls.gov</a> <a href="mailto:cfoistaff@bls.gov">cfoistaff@bls.gov</a> <a href="mailto:cbainfo@bls.gov">cbainfo@bls.gov</a>
<b>Productivity</b>		
Labor Industry Multifactor	<a href="http://www.bls.gov/lpc/">http://www.bls.gov/lpc/</a> <a href="http://www.bls.gov/lpc/">http://www.bls.gov/lpc/</a> <a href="http://www.bls.gov/mfp/">http://www.bls.gov/mfp/</a>	<a href="mailto:dprweb@bls.gov">dprweb@bls.gov</a> <a href="mailto:dipsweb@bls.gov">dipsweb@bls.gov</a> <a href="mailto:dprweb@bls.gov">dprweb@bls.gov</a>
<b>Projections</b>		
Employment Occupation	<a href="http://www.bls.gov/emp/">http://www.bls.gov/emp/</a> <a href="http://www.bls.gov/oco/">http://www.bls.gov/oco/</a>	<a href="mailto:oohinfo@bls.gov">oohinfo@bls.gov</a> <a href="mailto:oohinfo@bls.gov">oohinfo@bls.gov</a>
<b>International</b>		
	<a href="http://www.bls.gov/fls/">http://www.bls.gov/fls/</a>	<a href="mailto:flshelp@bls.gov">flshelp@bls.gov</a>
<b>Regional centers</b>		
Atlanta Boston Chicago Dallas Kansas City New York Philadelphia San Francisco	<a href="http://www.bls.gov/ro4/">http://www.bls.gov/ro4/</a> <a href="http://www.bls.gov/ro1/">http://www.bls.gov/ro1/</a> <a href="http://www.bls.gov/ro5/">http://www.bls.gov/ro5/</a> <a href="http://www.bls.gov/ro6/">http://www.bls.gov/ro6/</a> <a href="http://www.bls.gov/ro7/">http://www.bls.gov/ro7/</a> <a href="http://www.bls.gov/ro2/">http://www.bls.gov/ro2/</a> <a href="http://www.bls.gov/ro3/">http://www.bls.gov/ro3/</a> <a href="http://www.bls.gov/ro9/">http://www.bls.gov/ro9/</a>	<a href="mailto:BLSinfoAtlanta@bls.gov">BLSinfoAtlanta@bls.gov</a> <a href="mailto:BLSinfoBoston@bls.gov">BLSinfoBoston@bls.gov</a> <a href="mailto:BLSinfoChicago@bls.gov">BLSinfoChicago@bls.gov</a> <a href="mailto:BLSinfoDallas@bls.gov">BLSinfoDallas@bls.gov</a> <a href="mailto:BLSinfoKansasCity@bls.gov">BLSinfoKansasCity@bls.gov</a> <a href="mailto:BLSinfoNY@bls.gov">BLSinfoNY@bls.gov</a> <a href="mailto:BLSinfoPhiladelphia@bls.gov">BLSinfoPhiladelphia@bls.gov</a> <a href="mailto:BLSinfoSF@bls.gov">BLSinfoSF@bls.gov</a>
<b>Other Federal statistical agencies</b>		
	<a href="http://www.fedstats.gov/">http://www.fedstats.gov/</a>	

**HOUSEHOLD DATA  
HISTORICAL**

**A-1. Employment status of the civilian noninstitutional population 16 years and over, 1969 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	Number	Percent of labor force	
Annual averages								
1969 .....	134,335	80,734	60.1	77,902	58.0	2,832	3.5	53,602
1970 .....	137,085	82,771	60.4	78,678	57.4	4,093	4.9	54,315
1971 .....	140,216	84,382	60.2	79,367	56.6	5,016	5.9	55,834
1972 <sup>1</sup> .....	144,126	87,034	60.4	82,153	57.0	4,882	5.6	57,091
1973 <sup>1</sup> .....	147,096	89,429	60.8	85,064	57.8	4,365	4.9	57,667
1974 .....	150,120	91,949	61.3	86,794	57.8	5,156	5.6	58,171
1975 .....	153,153	93,774	61.2	85,846	56.1	7,929	8.5	59,377
1976 .....	156,150	96,158	61.6	88,752	56.8	7,406	7.7	59,991
1977 .....	159,033	99,008	62.3	92,017	57.9	6,991	7.1	60,025
1978 <sup>1</sup> .....	161,910	102,250	63.2	96,048	59.3	6,202	6.1	59,659
1979 .....	164,863	104,962	63.7	98,824	59.9	6,137	5.8	59,900
1980 .....	167,745	106,940	63.8	99,302	59.2	7,637	7.1	60,806
1981 .....	170,130	108,670	63.9	100,397	59.0	8,273	7.6	61,460
1982 .....	172,271	110,204	64.0	99,526	57.8	10,678	9.7	62,067
1983 .....	174,215	111,550	64.0	100,834	57.9	10,717	9.6	62,665
1984 .....	176,383	113,544	64.4	105,005	59.5	8,539	7.5	62,839
1985 .....	178,206	115,461	64.8	107,150	60.1	8,312	7.2	62,744
1986 <sup>1</sup> .....	180,587	117,834	65.3	109,597	60.7	8,237	7.0	62,752
1987 .....	182,753	119,865	65.6	112,440	61.5	7,425	6.2	62,888
1988 .....	184,613	121,669	65.9	114,968	62.3	6,701	5.5	62,944
1989 .....	186,393	123,869	66.5	117,342	63.0	6,528	5.3	62,523
1990 <sup>1</sup> .....	189,164	125,840	66.5	118,793	62.8	7,047	5.6	63,324
1991 .....	190,925	126,346	66.2	117,718	61.7	8,628	6.8	64,578
1992 .....	192,805	128,105	66.4	118,492	61.5	9,613	7.5	64,700
1993 .....	194,838	129,200	66.3	120,259	61.7	8,940	6.9	65,638
1994 <sup>1</sup> .....	196,814	131,056	66.6	123,060	62.5	7,996	6.1	65,758
1995 .....	198,584	132,304	66.6	124,900	62.9	7,404	5.6	66,280
1996 .....	200,591	133,943	66.8	126,708	63.2	7,236	5.4	66,647
1997 <sup>1</sup> .....	203,133	136,297	67.1	129,558	63.8	6,739	4.9	66,836
1998 <sup>1</sup> .....	205,220	137,673	67.1	131,463	64.1	6,210	4.5	67,547
1999 <sup>1</sup> .....	207,753	139,368	67.1	133,488	64.3	5,880	4.2	68,385
2000 <sup>1</sup> .....	212,577	142,583	67.1	136,891	64.4	5,692	4.0	69,994
2001 .....	215,092	143,734	66.8	136,933	63.7	6,801	4.7	71,359
2002 .....	217,570	144,863	66.6	136,485	62.7	8,378	5.8	72,707
Monthly data, seasonally adjusted <sup>2</sup>								
<b>2002:</b>								
May .....	217,198	144,911	66.7	136,487	62.8	8,424	5.8	72,287
June .....	217,407	144,852	66.6	136,383	62.7	8,469	5.8	72,556
July .....	217,630	144,786	66.5	136,343	62.6	8,443	5.8	72,844
August .....	217,866	145,123	66.6	136,757	62.8	8,366	5.8	72,743
September .....	218,107	145,634	66.8	137,312	63.0	8,321	5.7	72,473
October .....	218,340	145,393	66.6	136,988	62.7	8,405	5.8	72,947
November .....	218,548	145,180	66.4	136,542	62.5	8,637	5.9	73,369
December .....	218,741	145,150	66.4	136,439	62.4	8,711	6.0	73,591
<b>2003:</b>								
January <sup>3</sup> .....	219,897	145,838	66.3	137,536	62.5	8,302	5.7	74,059
February .....	220,114	145,857	66.3	137,408	62.4	8,450	5.8	74,257
March .....	220,317	145,793	66.2	137,348	62.3	8,445	5.8	74,524
April .....	220,540	146,473	66.4	137,687	62.4	8,786	6.0	74,067
May .....	220,768	146,485	66.4	137,487	62.3	8,998	6.1	74,283

<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 2003, data are not strictly comparable with data for 2002 and earlier years because of the revisions in the population controls used in the household survey. For additional information, see "Revisions to the Current Population Survey Effective in January 2003" in the February 2003 issue of this publication.

# HOUSEHOLD DATA HISTORICAL

## A-2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1991 to date

(Numbers in thousands)

Sex, year, and month	Civilian noninstitu- tional population	Civilian labor force						Not in labor force
		Number	Percent of population	Employed		Unemployed		
				Number	Percent of population	Number	Percent of labor force	
Annual averages								
MEN								
1991 .....	91,278	69,168	75.8	64,223	70.4	4,946	7.2	22,110
1992 .....	92,270	69,964	75.8	64,440	69.8	5,523	7.9	22,306
1993 .....	93,332	70,404	75.4	65,349	70.0	5,055	7.2	22,927
1994 <sup>1</sup> .....	94,354	70,817	75.1	66,450	70.4	4,367	6.2	23,538
1995 .....	95,178	71,360	75.0	67,377	70.8	3,983	5.6	23,818
1996 .....	96,206	72,086	74.9	68,207	70.9	3,880	5.4	24,119
1997 <sup>1</sup> .....	97,715	73,261	75.0	69,685	71.3	3,577	4.9	24,454
1998 <sup>1</sup> .....	98,758	73,959	74.9	70,693	71.6	3,266	4.4	24,799
1999 <sup>1</sup> .....	99,722	74,512	74.7	71,446	71.6	3,066	4.1	25,210
2000 <sup>1</sup> .....	101,964	76,280	74.8	73,305	71.9	2,975	3.9	25,684
2001 .....	103,282	76,886	74.4	73,196	70.9	3,690	4.8	26,396
2002 .....	104,585	77,500	74.1	72,903	69.7	4,597	5.9	27,085
Monthly data, seasonally adjusted <sup>2</sup>								
2002:								
May .....	104,393	77,676	74.4	73,093	70.0	4,583	5.9	26,718
June .....	104,501	77,566	74.2	72,893	69.8	4,673	6.0	26,936
July .....	104,616	77,542	74.1	72,931	69.7	4,610	5.9	27,074
August .....	104,738	77,677	74.2	73,023	69.7	4,654	6.0	27,062
September .....	104,863	78,013	74.4	73,402	70.0	4,610	5.9	26,851
October .....	104,985	77,727	74.0	73,151	69.7	4,575	5.9	27,258
November .....	105,094	77,618	73.9	72,773	69.2	4,845	6.2	27,476
December .....	105,195	77,492	73.7	72,690	69.1	4,801	6.2	27,703
2003:								
January <sup>3</sup> .....	105,767	77,693	73.5	72,994	69.0	4,699	6.0	28,074
February .....	105,895	77,927	73.6	73,249	69.2	4,678	6.0	27,968
March .....	106,005	77,738	73.3	73,064	68.9	4,674	6.0	28,268
April .....	106,123	78,122	73.6	73,182	69.0	4,940	6.3	28,001
May .....	106,238	78,088	73.5	72,981	68.7	5,107	6.5	28,150
Annual averages								
WOMEN								
1991 .....	99,646	57,178	57.4	53,496	53.7	3,683	6.4	42,468
1992 .....	100,535	58,141	57.8	54,052	53.8	4,090	7.0	42,394
1993 .....	101,506	58,795	57.9	54,910	54.1	3,885	6.6	42,711
1994 <sup>1</sup> .....	102,460	60,239	58.8	56,610	55.3	3,629	6.0	42,221
1995 .....	103,406	60,944	58.9	57,523	55.6	3,421	5.6	42,462
1996 .....	104,385	61,857	59.3	58,501	56.0	3,356	5.4	42,528
1997 <sup>1</sup> .....	105,418	63,036	59.8	59,873	56.8	3,162	5.0	42,382
1998 <sup>1</sup> .....	106,462	63,714	59.8	60,771	57.1	2,944	4.6	42,748
1999 <sup>1</sup> .....	108,031	64,855	60.0	62,042	57.4	2,814	4.3	43,175
2000 <sup>1</sup> .....	110,613	66,303	59.9	63,586	57.5	2,717	4.1	44,310
2001 .....	111,811	66,848	59.8	63,737	57.0	3,111	4.7	44,962
2002 .....	112,985	67,363	59.6	63,582	56.3	3,781	5.6	45,621
Monthly data, seasonally adjusted <sup>2</sup>								
2002:								
May .....	112,805	67,235	59.6	63,394	56.2	3,841	5.7	45,569
June .....	112,906	67,286	59.6	63,490	56.2	3,796	5.6	45,620
July .....	113,014	67,244	59.5	63,412	56.1	3,832	5.7	45,770
August .....	113,127	67,446	59.6	63,734	56.3	3,712	5.5	45,681
September .....	113,243	67,621	59.7	63,910	56.4	3,711	5.5	45,622
October .....	113,355	67,667	59.7	63,837	56.3	3,829	5.7	45,689
November .....	113,455	67,562	59.5	63,769	56.2	3,792	5.6	45,893
December .....	113,546	67,658	59.6	63,749	56.1	3,909	5.8	45,888
2003:								
January <sup>3</sup> .....	114,130	68,144	59.7	64,542	56.6	3,603	5.3	45,985
February .....	114,219	67,930	59.5	64,159	56.2	3,772	5.6	46,289
March .....	114,312	68,055	59.5	64,284	56.2	3,771	5.5	46,257
April .....	114,417	68,351	59.7	64,505	56.4	3,846	5.6	46,066
May .....	114,531	68,397	59.7	64,506	56.3	3,891	5.7	46,134

<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 2003, data are not strictly comparable with data for

2002 and earlier years because of the revisions in the population controls used in the household survey. For additional information, see "Revisions to the Current Population Survey Effective in January 2003" in the February 2003 issue of this publication.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-3. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted**

(Numbers in thousands)

Employment status, sex, and age	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	217,198	217,407	217,630	217,866	218,107	218,340	218,548	218,741	219,897	220,114	220,317	220,540	220,768
Civilian labor force .....	144,911	144,852	144,786	145,123	145,634	145,393	145,180	145,150	145,838	145,857	145,793	146,473	146,485
Percent of population .....	66.7	66.6	66.5	66.6	66.8	66.6	66.4	66.4	66.3	66.3	66.2	66.4	66.4
Employed .....	136,487	136,383	136,343	136,757	137,312	136,988	136,542	136,439	137,536	137,408	137,348	137,687	137,487
Employment-population ratio .....	62.8	62.7	62.6	62.8	63.0	62.7	62.5	62.4	62.5	62.4	62.3	62.4	62.3
Unemployed .....	8,424	8,469	8,443	8,366	8,321	8,405	8,637	8,711	8,302	8,450	8,445	8,786	8,998
Unemployment rate .....	5.8	5.8	5.8	5.8	5.7	5.8	5.9	6.0	5.7	5.8	5.8	6.0	6.1
Not in labor force .....	72,287	72,556	72,844	72,743	72,473	72,947	73,369	73,591	74,059	74,257	74,524	74,067	74,283
Persons who currently want a job .....	4,795	4,713	4,900	4,628	4,702	4,542	4,727	4,546	4,676	4,462	5,020	4,417	4,744
<b>Men, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	104,393	104,501	104,616	104,738	104,863	104,985	105,094	105,195	105,767	105,895	106,005	106,123	106,238
Civilian labor force .....	77,676	77,566	77,542	77,677	78,013	77,727	77,618	77,492	77,693	77,927	77,738	78,122	78,088
Percent of population .....	74.4	74.2	74.1	74.2	74.4	74.0	73.9	73.7	73.5	73.6	73.3	73.6	73.5
Employed .....	73,093	72,893	72,931	73,023	73,402	73,151	72,773	72,690	72,994	73,249	73,064	73,182	72,981
Employment-population ratio .....	70.0	69.8	69.7	69.7	70.0	69.7	69.2	69.1	69.0	69.2	68.9	69.0	68.7
Unemployed .....	4,583	4,673	4,610	4,654	4,610	4,575	4,845	4,801	4,699	4,678	4,674	4,940	5,107
Unemployment rate .....	5.9	6.0	5.9	6.0	5.9	5.9	6.2	6.2	6.0	6.0	6.0	6.3	6.5
Not in labor force .....	26,718	26,936	27,074	27,062	26,851	27,258	27,476	27,703	28,074	27,968	28,268	28,001	28,150
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	96,205	96,375	96,468	96,552	96,732	96,860	97,022	97,139	97,635	97,762	97,869	97,979	98,083
Civilian labor force .....	73,766	73,689	73,670	73,802	74,108	73,883	73,770	73,744	73,993	74,254	74,236	74,571	74,506
Percent of population .....	76.7	76.5	76.4	76.4	76.6	76.3	76.0	75.9	75.8	76.0	75.9	76.1	76.0
Employed .....	69,918	69,739	69,792	69,895	70,213	69,921	69,617	69,600	69,967	70,293	70,293	70,364	70,144
Employment-population ratio .....	72.7	72.4	72.3	72.4	72.6	72.2	71.8	71.6	71.7	71.9	71.8	71.8	71.5
Unemployed .....	3,848	3,950	3,879	3,906	3,895	3,962	4,153	4,145	4,026	3,962	3,944	4,207	4,362
Unemployment rate .....	5.2	5.4	5.3	5.3	5.3	5.4	5.6	5.6	5.4	5.3	5.3	5.6	5.9
Not in labor force .....	22,439	22,686	22,797	22,750	22,623	22,977	23,252	23,394	23,642	23,508	23,632	23,408	23,577
<b>Women, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	112,805	112,906	113,014	113,127	113,243	113,355	113,455	113,546	114,130	114,219	114,312	114,417	114,531
Civilian labor force .....	67,235	67,286	67,244	67,446	67,621	67,667	67,562	67,658	68,144	67,930	68,055	68,351	68,397
Percent of population .....	59.6	59.6	59.5	59.6	59.7	59.7	59.5	59.6	59.7	59.5	59.5	59.7	59.7
Employed .....	63,394	63,490	63,412	63,734	63,910	63,837	63,769	63,749	64,542	64,159	64,284	64,505	64,506
Employment-population ratio .....	56.2	56.2	56.1	56.3	56.4	56.3	56.2	56.1	56.6	56.2	56.2	56.4	56.3
Unemployed .....	3,841	3,796	3,832	3,712	3,711	3,829	3,792	3,909	3,603	3,772	3,771	3,846	3,891
Unemployment rate .....	5.7	5.6	5.7	5.5	5.5	5.7	5.6	5.8	5.3	5.6	5.5	5.6	5.7
Not in labor force .....	45,569	45,620	45,770	45,681	45,622	45,689	45,893	45,888	45,985	46,289	46,257	46,066	46,134
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	104,977	105,089	105,190	105,334	105,421	105,509	105,594	105,678	106,235	106,322	106,411	106,510	106,613
Civilian labor force .....	63,551	63,556	63,534	63,760	63,858	63,975	63,921	64,036	64,479	64,310	64,477	64,677	64,733
Percent of population .....	60.5	60.5	60.4	60.5	60.6	60.6	60.5	60.6	60.7	60.5	60.6	60.7	60.7
Employed .....	60,262	60,320	60,262	60,581	60,675	60,668	60,697	60,676	61,443	61,073	61,227	61,401	61,436
Employment-population ratio .....	57.4	57.4	57.3	57.5	57.6	57.5	57.5	57.4	57.8	57.4	57.5	57.6	57.6
Unemployed .....	3,289	3,236	3,272	3,180	3,184	3,308	3,224	3,360	3,035	3,237	3,250	3,276	3,297
Unemployment rate .....	5.2	5.1	5.1	5.0	5.0	5.2	5.0	5.2	4.7	5.0	5.0	5.1	5.1
Not in labor force .....	41,426	41,533	41,656	41,574	41,563	41,533	41,673	41,642	41,757	42,013	41,933	41,834	41,880
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	16,017	15,943	15,972	15,980	15,954	15,971	15,933	15,925	16,027	16,030	16,038	16,051	16,072
Civilian labor force .....	7,594	7,607	7,581	7,561	7,667	7,535	7,489	7,369	7,366	7,293	7,079	7,226	7,246
Percent of population .....	47.4	47.7	47.5	47.3	48.1	47.2	47.0	46.3	46.0	45.5	44.1	45.0	45.1
Employed .....	6,307	6,324	6,289	6,280	6,425	6,400	6,228	6,164	6,125	6,042	5,829	5,923	5,907
Employment-population ratio .....	39.4	39.7	39.4	39.3	40.3	40.1	39.1	38.7	38.2	37.7	36.3	36.9	36.8
Unemployed .....	1,287	1,283	1,292	1,280	1,243	1,135	1,261	1,206	1,241	1,251	1,251	1,303	1,339
Unemployment rate .....	17.0	16.9	17.0	16.9	16.2	15.1	16.8	16.4	16.8	17.1	17.7	18.0	18.5
Not in labor force .....	8,422	8,337	8,391	8,419	8,287	8,436	8,444	8,555	8,661	8,736	8,959	8,825	8,826

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

in the household survey.

NOTE: Beginning in January 2003, data reflect revised population controls used

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-4. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic or Latino ethnicity, seasonally adjusted**

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic or Latino ethnicity	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>WHITE <sup>1</sup></b>													
Civilian noninstitutional population <sup>2</sup> ...	179,524	179,665	179,816	179,979	180,146	180,306	180,450	180,580	180,460	180,599	180,728	180,873	181,021
Civilian labor force .....	120,197	120,152	120,272	120,449	120,502	120,479	120,345	120,093	120,084	120,166	120,200	120,575	120,420
Percent of population .....	67.0	66.9	66.9	66.9	66.9	66.8	66.7	66.5	66.5	66.5	66.5	66.7	66.5
Employed .....	114,003	113,951	114,008	114,250	114,373	114,294	114,128	113,910	113,995	114,135	114,089	114,286	113,882
Employment-population ratio .....	63.5	63.4	63.4	63.5	63.5	63.4	63.2	63.1	63.2	63.2	63.1	63.2	62.9
Unemployed .....	6,195	6,201	6,264	6,199	6,129	6,184	6,218	6,184	6,089	6,031	6,111	6,289	6,539
Unemployment rate .....	5.2	5.2	5.2	5.1	5.1	5.1	5.2	5.1	5.1	5.0	5.1	5.2	5.4
Not in labor force .....	59,327	59,513	59,545	59,530	59,644	59,828	60,104	60,487	60,376	60,432	60,528	60,298	60,601
<b>Men, 20 years and over</b>													
Civilian labor force .....	62,154	62,095	62,121	62,272	62,298	62,243	62,229	62,112	62,003	62,235	62,269	62,500	62,305
Percent of population .....	76.9	76.8	76.7	76.9	76.8	76.6	76.6	76.3	76.2	76.4	76.3	76.5	76.2
Employed .....	59,197	59,129	59,160	59,273	59,328	59,246	59,127	59,053	58,994	59,342	59,344	59,353	59,064
Employment-population ratio .....	73.3	73.1	73.1	73.1	73.1	73.0	72.7	72.6	72.5	72.8	72.7	72.7	72.3
Unemployed .....	2,958	2,966	2,962	2,999	2,970	2,997	3,102	3,059	3,009	2,893	2,925	3,147	3,241
Unemployment rate .....	4.8	4.8	4.8	4.8	4.8	4.8	5.0	4.9	4.9	4.6	4.7	5.0	5.2
<b>Women, 20 years and over</b>													
Civilian labor force .....	51,731	51,694	51,734	51,837	51,817	51,909	51,785	51,752	51,909	51,840	52,039	52,107	52,155
Percent of population .....	60.0	60.0	60.0	60.0	60.0	60.0	59.8	59.7	60.0	59.9	60.1	60.1	60.1
Employed .....	49,418	49,402	49,432	49,576	49,563	49,601	49,586	49,488	49,768	49,645	49,770	49,885	49,770
Employment-population ratio .....	57.4	57.3	57.3	57.4	57.3	57.3	57.3	57.1	57.5	57.3	57.4	57.5	57.3
Unemployed .....	2,313	2,292	2,302	2,261	2,255	2,308	2,199	2,264	2,141	2,194	2,269	2,223	2,385
Unemployment rate .....	4.5	4.4	4.4	4.4	4.4	4.4	4.2	4.4	4.1	4.2	4.4	4.3	4.6
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	6,312	6,363	6,416	6,340	6,387	6,328	6,332	6,230	6,172	6,091	5,892	5,968	5,961
Percent of population .....	50.1	50.5	51.0	50.4	50.7	50.2	50.3	49.4	49.4	48.8	47.2	47.7	47.6
Employed .....	5,388	5,420	5,416	5,401	5,482	5,448	5,415	5,369	5,232	5,147	4,976	5,049	5,048
Employment-population ratio .....	42.8	43.0	43.0	42.9	43.5	43.3	43.0	42.6	41.9	41.2	39.8	40.4	40.3
Unemployed .....	925	943	1,001	939	905	880	917	861	940	944	916	919	913
Unemployment rate .....	14.6	14.8	15.6	14.8	14.2	13.9	14.5	13.8	15.2	15.5	15.6	15.4	15.3
<b>BLACK OR AFRICAN AMERICAN <sup>1</sup></b>													
Civilian noninstitutional population <sup>2</sup> ...	25,514	25,552	25,591	25,633	25,675	25,717	25,751	25,784	25,484	25,519	25,552	25,587	25,624
Civilian labor force .....	16,610	16,570	16,390	16,541	16,789	16,682	16,540	16,706	16,374	16,395	16,296	16,521	16,618
Percent of population .....	65.1	64.8	64.0	64.5	65.4	64.9	64.2	64.8	64.3	64.2	63.8	64.6	64.9
Employed .....	14,928	14,816	14,763	14,907	15,148	15,027	14,754	14,827	14,684	14,669	14,641	14,723	14,819
Employment-population ratio .....	58.5	58.0	57.7	58.2	59.0	58.4	57.3	57.5	57.6	57.5	57.3	57.5	57.8
Unemployed .....	1,682	1,754	1,627	1,634	1,641	1,656	1,786	1,879	1,690	1,726	1,655	1,797	1,799
Unemployment rate .....	10.1	10.6	9.9	9.9	9.8	9.9	10.8	11.2	10.3	10.5	10.2	10.9	10.8
Not in labor force .....	8,903	8,982	9,201	9,092	8,886	9,034	9,211	9,078	9,110	9,124	9,256	9,066	9,007
<b>Men, 20 years and over</b>													
Civilian labor force .....	7,402	7,369	7,312	7,344	7,466	7,413	7,250	7,311	7,233	7,296	7,195	7,295	7,346
Percent of population .....	72.8	72.4	71.7	71.8	72.9	72.2	70.5	71.0	71.0	71.5	70.4	71.3	71.7
Employed .....	6,755	6,613	6,636	6,672	6,762	6,682	6,480	6,543	6,489	6,560	6,526	6,537	6,524
Employment-population ratio .....	66.4	64.9	65.0	65.3	66.0	65.1	63.0	63.6	63.7	64.3	63.8	63.9	63.6
Unemployed .....	647	756	676	671	704	731	770	768	744	736	669	758	821
Unemployment rate .....	8.7	10.3	9.2	9.1	9.4	9.9	10.6	10.5	10.3	10.1	9.3	10.4	11.2
<b>Women, 20 years and over</b>													
Civilian labor force .....	8,326	8,307	8,278	8,348	8,422	8,390	8,442	8,540	8,327	8,296	8,315	8,443	8,461
Percent of population .....	64.4	64.1	63.8	64.3	64.7	64.4	64.7	65.4	64.4	64.1	64.1	65.0	65.1
Employed .....	7,555	7,578	7,544	7,641	7,737	7,676	7,685	7,712	7,629	7,548	7,592	7,663	7,784
Employment-population ratio .....	58.4	58.5	58.2	58.8	59.5	58.9	58.9	59.0	59.0	58.3	58.6	59.0	59.9
Unemployed .....	771	729	734	707	685	715	757	827	698	748	723	780	677
Unemployment rate .....	9.3	8.8	8.9	8.5	8.1	8.5	9.0	9.7	8.4	9.0	8.7	9.2	8.0

See footnotes at end of table.

**A-4. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic or Latino ethnicity, seasonally adjusted — Continued**

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic or Latino ethnicity	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>BLACK OR AFRICAN AMERICAN—Continued <sup>1</sup></b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	882	894	800	849	901	879	849	855	813	803	786	782	811
Percent of population .....	36.5	37.0	33.1	35.1	37.2	36.3	35.0	35.2	34.4	33.9	33.2	33.0	34.1
Employed .....	618	625	583	593	649	669	590	571	566	560	524	523	511
Employment-population ratio .....	25.6	25.9	24.1	24.5	26.8	27.6	24.3	23.5	23.9	23.7	22.1	22.1	21.5
Unemployed .....	264	269	217	256	252	210	259	284	247	242	262	259	300
Unemployment rate .....	29.9	30.1	27.1	30.1	28.0	23.9	30.5	33.2	30.4	30.2	33.4	33.1	37.0
<b>HISPANIC OR LATINO ETHNICITY</b>													
Civilian noninstitutional population <sup>2</sup> ...	25,827	25,917	26,008	26,096	26,184	26,272	26,355	26,436	26,994	27,095	27,191	27,291	27,391
Civilian labor force .....	17,843	17,891	18,045	18,030	18,103	18,049	18,169	18,134	18,614	18,658	18,614	18,836	18,811
Percent of population .....	69.1	69.0	69.4	69.1	69.1	68.7	68.9	68.6	69.0	68.9	68.5	69.0	68.7
Employed .....	16,581	16,573	16,685	16,664	16,739	16,637	16,755	16,708	17,155	17,223	17,215	17,428	17,264
Employment-population ratio .....	64.2	63.9	64.2	63.9	63.9	63.3	63.6	63.2	63.5	63.6	63.3	63.9	63.0
Unemployed .....	1,261	1,318	1,360	1,366	1,363	1,412	1,414	1,425	1,459	1,436	1,399	1,408	1,548
Unemployment rate .....	7.1	7.4	7.5	7.6	7.5	7.8	7.8	7.9	7.8	7.7	7.5	7.5	8.2
Not in labor force .....	7,984	8,026	7,963	8,066	8,082	8,223	8,186	8,303	8,380	8,436	8,577	8,455	8,580

<sup>1</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as the main race. For more information, see the "Explanatory Notes and Estimates of Error" section of this publication.

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

NOTE: Estimates for the above race groups (white and black or African American) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2003, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-5. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, seasonally adjusted**

(Numbers in thousands)

Educational attainment	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>Less than a high school diploma</b>													
Civilian labor force .....	12,752	12,778	12,449	12,392	12,381	12,461	12,541	12,607	12,542	12,638	12,896	12,710	12,703
Participation rate .....	44.0	44.0	44.5	44.6	44.6	44.9	44.9	44.6	43.7	44.9	45.1	44.4	44.7
Employed .....	11,674	11,757	11,377	11,335	11,404	11,375	11,417	11,470	11,471	11,522	11,802	11,664	11,536
Employment-population ratio .....	40.3	40.5	40.7	40.8	41.1	40.9	40.9	40.6	40.0	40.9	41.3	40.8	40.6
Unemployed .....	1,077	1,022	1,072	1,057	977	1,086	1,124	1,136	1,071	1,116	1,094	1,046	1,167
Unemployment rate .....	8.4	8.0	8.6	8.5	7.9	8.7	9.0	9.0	8.5	8.8	8.5	8.2	9.2
<b>High school graduates, no college <sup>1</sup></b>													
Civilian labor force .....	37,566	37,579	37,864	37,949	38,198	37,966	37,967	37,797	37,856	37,816	37,632	37,950	37,823
Participation rate .....	64.4	64.4	64.9	64.2	64.3	64.0	63.5	63.6	63.5	63.7	63.5	64.1	63.9
Employed .....	35,509	35,507	35,921	35,987	36,286	36,090	35,963	35,775	35,923	35,779	35,569	35,774	35,729
Employment-population ratio .....	60.9	60.8	61.6	60.9	61.0	60.9	60.2	60.2	60.2	60.2	60.0	60.4	60.4
Unemployed .....	2,057	2,072	1,942	1,962	1,912	1,876	2,004	2,021	1,933	2,037	2,063	2,176	2,094
Unemployment rate .....	5.5	5.5	5.1	5.2	5.0	4.9	5.3	5.3	5.1	5.4	5.5	5.7	5.5
<b>Some college or associate degree</b>													
Civilian labor force .....	33,404	33,445	33,571	33,594	33,818	33,884	33,890	33,831	34,186	34,335	34,008	34,375	34,191
Participation rate .....	74.0	73.6	72.5	72.9	73.5	72.8	72.7	72.4	73.3	73.2	73.3	74.1	73.6
Employed .....	31,830	31,913	32,087	32,135	32,266	32,299	32,260	32,154	32,556	32,730	32,382	32,760	32,542
Employment-population ratio .....	70.5	70.2	69.3	69.7	70.1	69.4	69.2	68.8	69.8	69.8	69.8	70.6	70.1
Unemployed .....	1,574	1,531	1,485	1,459	1,552	1,585	1,630	1,677	1,630	1,605	1,626	1,615	1,649
Unemployment rate .....	4.7	4.6	4.4	4.3	4.6	4.7	4.8	5.0	4.8	4.7	4.8	4.7	4.8
<b>Bachelor's degree and higher <sup>2</sup></b>													
Civilian labor force .....	38,818	38,695	38,490	38,664	38,664	38,622	38,476	38,652	38,778	39,046	39,507	39,465	39,576
Participation rate .....	78.4	78.4	77.5	78.1	78.2	78.5	79.0	79.2	78.8	78.2	78.5	78.1	77.8
Employed .....	37,657	37,549	37,348	37,578	37,536	37,458	37,344	37,530	37,626	37,892	38,292	38,233	38,351
Employment-population ratio .....	76.1	76.1	75.2	75.9	75.9	76.1	76.6	76.9	76.4	75.9	76.1	75.6	75.4
Unemployed .....	1,161	1,146	1,142	1,086	1,128	1,165	1,132	1,121	1,152	1,154	1,215	1,232	1,224
Unemployment rate .....	3.0	3.0	3.0	2.8	2.9	3.0	2.9	2.9	3.0	3.0	3.1	3.1	3.1

<sup>1</sup> Includes high school diploma or equivalent.

<sup>2</sup> Includes persons with bachelor's, master's, professional, and doctoral degrees.

NOTE: Beginning in January 2003, data reflect revised population controls used in the household survey.



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-6. 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	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>EMPLOYED</b>													
Full-time workers .....	112,398	112,270	112,327	112,740	113,375	113,458	112,828	112,856	112,823	113,442	113,157	113,241	112,821
Men, 16 years and over .....	65,200	65,109	65,019	65,213	65,423	65,593	65,235	65,145	65,057	65,397	65,319	65,381	64,995
Men, 20 years and over .....	63,925	63,915	63,923	64,074	64,388	64,341	64,006	63,947	64,035	64,333	64,305	64,298	63,931
Women, 16 years and over .....	47,232	47,121	47,239	47,504	47,825	47,839	47,660	47,763	47,875	48,076	47,941	47,961	47,872
Women, 20 years and over .....	46,402	46,357	46,424	46,711	46,940	47,004	46,908	47,023	47,088	47,300	47,172	47,107	47,086
Both sexes, 16 to 19 years .....	2,071	1,998	1,981	1,954	2,047	2,113	1,914	1,886	1,700	1,809	1,679	1,836	1,805
Part-time workers .....	24,107	24,192	24,235	24,133	23,901	23,635	23,765	23,629	24,400	23,830	24,068	24,355	24,676
Men, 16 years and over .....	7,880	7,820	7,932	7,803	7,767	7,606	7,627	7,616	7,931	7,849	7,763	7,860	7,963
Men, 20 years and over .....	6,041	5,850	5,908	5,803	5,776	5,627	5,649	5,682	5,868	5,929	5,962	6,032	6,265
Women, 16 years and over .....	16,157	16,354	16,313	16,295	16,141	16,062	16,132	16,006	16,481	15,988	16,332	16,532	16,636
Women, 20 years and over .....	13,854	13,981	13,906	13,903	13,773	13,708	13,845	13,683	14,173	13,720	14,037	14,279	14,347
Both sexes, 16 to 19 years .....	4,211	4,361	4,420	4,427	4,352	4,300	4,272	4,265	4,359	4,181	4,069	4,044	4,064
<b>UNEMPLOYED</b>													
Looking for full-time work .....	7,023	7,180	7,073	6,986	6,990	7,099	7,317	7,348	6,940	7,075	7,068	7,419	7,523
Men, 16 years and over .....	3,945	4,024	3,896	3,997	4,078	4,056	4,289	4,267	4,129	4,133	4,102	4,424	4,495
Men, 20 years and over .....	3,560	3,705	3,604	3,641	3,691	3,708	3,906	3,885	3,732	3,706	3,625	3,930	4,034
Women, 16 years and over .....	3,072	3,078	3,073	2,964	2,923	3,061	3,039	3,114	2,836	2,979	2,961	3,091	3,028
Women, 20 years and over .....	2,791	2,795	2,805	2,679	2,685	2,816	2,761	2,804	2,583	2,725	2,723	2,801	2,703
Both sexes, 16 to 19 years .....	671	681	665	665	614	576	650	659	625	643	720	687	786
Looking for part-time work .....	1,389	1,283	1,376	1,389	1,336	1,305	1,281	1,331	1,380	1,396	1,392	1,378	1,465
Men, 16 years and over .....	606	576	662	619	579	542	543	538	579	590	584	629	573
Men, 20 years and over .....	283	240	285	264	248	254	216	257	292	270	316	272	316
Women, 16 years and over .....	755	706	742	773	753	766	754	800	797	795	800	767	863
Women, 20 years and over .....	488	444	471	515	486	486	455	513	471	515	533	490	596
Both sexes, 16 to 19 years .....	619	600	621	610	602	565	609	562	617	611	544	616	553
<b>UNEMPLOYMENT RATES</b>													
Full-time workers .....	5.9	6.0	5.9	5.8	5.8	5.9	6.1	6.1	5.8	5.9	5.9	6.1	6.3
Men, 16 years and over .....	5.7	5.8	5.7	5.8	5.9	5.8	6.2	6.1	6.0	5.9	5.9	6.3	6.5
Men, 20 years and over .....	5.3	5.5	5.3	5.4	5.4	5.4	5.8	5.7	5.5	5.4	5.3	5.8	5.9
Women, 16 years and over .....	6.1	6.1	6.1	5.9	5.8	6.0	6.0	6.1	5.6	5.8	5.8	6.1	5.9
Women, 20 years and over .....	5.7	5.7	5.7	5.4	5.4	5.7	5.6	5.6	5.2	5.4	5.5	5.6	5.4
Both sexes, 16 to 19 years .....	24.5	25.4	25.1	25.4	23.1	21.4	25.4	25.9	26.9	26.2	30.0	27.2	30.3
Part-time workers .....	5.4	5.0	5.4	5.4	5.3	5.2	5.1	5.3	5.4	5.5	5.5	5.4	5.6
Men, 16 years and over .....	7.1	6.9	7.7	7.3	6.9	6.7	6.6	6.6	6.8	7.0	7.0	7.4	6.7
Men, 20 years and over .....	4.5	3.9	4.6	4.3	4.1	4.3	3.7	4.3	4.7	4.4	5.0	4.3	4.8
Women, 16 years and over .....	4.5	4.1	4.4	4.5	4.5	4.5	4.5	4.8	4.6	4.7	4.7	4.4	4.9
Women, 20 years and over .....	3.4	3.1	3.3	3.6	3.4	3.4	3.2	3.6	3.2	3.6	3.7	3.3	4.0
Both sexes, 16 to 19 years .....	12.8	12.1	12.3	12.1	12.1	11.6	12.5	11.6	12.4	12.7	11.8	13.2	12.0

NOTE: Detail for the data shown in this table will not necessarily add to totals because of the independent seasonal adjustment of the various series.

Beginning in January 2003, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-7. Employed persons by class of worker and part-time status, seasonally adjusted**

(In thousands)

Category	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>CLASS OF WORKER</b>													
Agriculture and related industries .....	2,239	2,177	2,321	2,169	2,315	2,483	2,314	2,342	2,314	2,178	2,227	2,128	2,157
Wage and salary workers .....	1,254	1,242	1,355	1,201	1,310	1,394	1,219	1,260	1,195	1,174	1,271	1,192	1,198
Self-employed workers .....	959	955	959	959	974	1,040	1,060	1,038	1,071	953	923	912	948
Nonagricultural industries .....	134,324	134,103	134,094	134,552	134,979	134,537	134,206	134,080	135,142	135,317	135,104	135,682	135,424
Wage and salary workers .....	125,352	125,213	125,033	125,521	125,766	125,346	124,786	124,735	125,768	126,006	125,886	126,425	126,202
Private industries .....	105,499	105,375	105,306	105,690	106,022	105,704	105,148	105,348	105,907	106,437	106,583	106,838	106,683
Industries except private households .....	104,764	104,605	104,533	104,910	105,259	104,947	104,365	104,673	105,192	105,773	105,910	106,104	105,907
Government .....	19,896	19,791	19,743	19,778	19,746	19,692	19,647	19,551	19,868	19,418	19,318	19,556	19,552
Self-employed workers .....	8,844	8,833	8,912	8,980	9,048	9,080	9,276	9,250	9,444	9,258	9,181	9,139	9,065
<b>PERSONS AT WORK PART TIME <sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	4,097	3,982	4,139	4,308	4,356	4,343	4,329	4,273	4,643	4,807	4,696	4,840	4,592
Slack work or business conditions .....	2,685	2,703	2,760	2,881	2,814	2,888	2,855	2,893	3,027	3,152	3,123	3,221	3,058
Could only find part-time work .....	1,110	1,097	1,113	1,153	1,177	1,133	1,159	1,110	1,297	1,275	1,192	1,266	1,265
Part time for noneconomic reasons .....	18,988	19,251	19,143	19,047	18,928	18,685	18,727	18,555	19,314	18,421	18,888	18,886	19,083
Nonagricultural industries:													
Part time for economic reasons .....	3,983	3,887	4,025	4,185	4,266	4,274	4,272	4,219	4,496	4,675	4,587	4,728	4,478
Slack work or business conditions .....	2,611	2,629	2,689	2,806	2,755	2,857	2,816	2,854	2,947	3,062	3,048	3,140	3,003
Could only find part-time work .....	1,087	1,099	1,103	1,143	1,172	1,122	1,158	1,097	1,267	1,257	1,178	1,258	1,234
Part time for noneconomic reasons .....	18,636	18,985	18,741	18,668	18,555	18,347	18,361	18,197	18,984	18,134	18,529	18,503	18,664

<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: Detail for the data shown in this table will not necessarily add to totals

because of the independent seasonal adjustment of the various series. Industries reflect the introduction of the 2002 Census industry classification system derived from the 2002 North American Industry Classification System into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-8. Employed persons by age, sex, and marital status, seasonally adjusted**

(In thousands)

Age, sex, and marital status	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>AGE AND SEX</b>													
Total, 16 years and over .....	136,487	136,383	136,343	136,757	137,312	136,988	136,542	136,439	137,536	137,408	137,348	137,687	137,487
16 to 19 years .....	6,307	6,324	6,289	6,280	6,425	6,400	6,228	6,164	6,125	6,042	5,829	5,923	5,907
16 to 17 years .....	2,260	2,328	2,338	2,321	2,358	2,347	2,256	2,258	2,446	2,352	2,292	2,311	2,333
18 to 19 years .....	4,003	4,001	3,968	3,959	4,060	4,045	3,960	3,921	3,694	3,722	3,550	3,616	3,547
20 years and over .....	130,180	130,059	130,054	130,476	130,888	130,589	130,314	130,275	131,410	131,365	131,519	131,765	131,580
20 to 24 years .....	13,509	13,346	13,361	13,484	13,432	13,303	13,387	13,372	13,568	13,510	13,458	13,420	13,455
25 years and over .....	116,684	116,697	116,713	117,099	117,406	117,271	116,856	116,892	117,876	117,932	117,984	118,332	118,139
25 to 54 years .....	96,857	96,768	96,639	96,959	97,025	96,840	96,356	96,491	96,957	96,942	97,042	97,341	97,111
25 to 34 years .....	30,343	30,416	30,412	30,365	30,365	30,323	29,961	30,139	30,369	30,563	30,420	30,554	30,392
35 to 44 years .....	35,377	35,219	35,010	35,168	35,160	35,005	34,973	34,942	35,125	34,803	34,910	34,986	34,849
45 to 54 years .....	31,137	31,133	31,217	31,425	31,500	31,512	31,422	31,411	31,463	31,577	31,712	31,800	31,871
55 years and over .....	19,827	19,929	20,074	20,140	20,381	20,430	20,499	20,400	20,918	20,990	20,942	20,992	21,028
Men, 16 years and over .....	73,093	72,893	72,931	73,023	73,402	73,151	72,773	72,690	72,994	73,249	73,064	73,182	72,981
16 to 19 years .....	3,174	3,154	3,140	3,127	3,189	3,230	3,156	3,091	3,027	2,956	2,772	2,818	2,837
16 to 17 years .....	1,137	1,147	1,139	1,101	1,134	1,142	1,113	1,102	1,203	1,157	1,056	1,052	1,073
18 to 19 years .....	2,028	2,007	2,007	2,025	2,055	2,081	2,040	1,986	1,838	1,820	1,718	1,770	1,760
20 years and over .....	69,918	69,739	69,792	69,895	70,213	69,921	69,617	69,600	69,967	70,293	70,293	70,364	70,144
20 to 24 years .....	7,071	6,980	6,994	6,987	7,050	6,975	7,014	7,024	7,183	7,215	7,206	7,116	7,076
25 years and over .....	62,852	62,758	62,807	62,957	63,077	62,938	62,562	62,579	62,814	63,151	63,050	63,266	63,077
25 to 54 years .....	52,038	51,909	51,888	52,019	52,066	51,873	51,569	51,566	51,687	51,925	51,885	52,057	51,911
25 to 34 years .....	16,604	16,557	16,607	16,641	16,614	16,569	16,384	16,445	16,528	16,730	16,669	16,750	16,660
35 to 44 years .....	19,079	18,979	18,755	18,892	18,953	18,804	18,748	18,749	18,824	18,729	18,719	18,735	18,685
45 to 54 years .....	16,355	16,373	16,525	16,486	16,499	16,500	16,437	16,371	16,334	16,466	16,498	16,572	16,566
55 years and over .....	10,814	10,849	10,919	10,937	11,012	11,065	10,993	11,013	11,127	11,227	11,165	11,209	11,166
Women, 16 years and over .....	63,394	63,490	63,412	63,734	63,910	63,837	63,769	63,749	64,542	64,159	64,284	64,505	64,506
16 to 19 years .....	3,132	3,170	3,149	3,153	3,235	3,169	3,072	3,073	3,098	3,086	3,057	3,104	3,070
16 to 17 years .....	1,123	1,181	1,200	1,220	1,224	1,204	1,143	1,156	1,243	1,195	1,236	1,259	1,259
18 to 19 years .....	1,975	1,994	1,961	1,933	2,005	1,964	1,921	1,935	1,856	1,902	1,833	1,845	1,787
20 years and over .....	60,262	60,320	60,262	60,581	60,675	60,668	60,697	60,676	61,443	61,073	61,227	61,401	61,436
20 to 24 years .....	6,438	6,366	6,368	6,497	6,382	6,328	6,373	6,348	6,385	6,295	6,252	6,304	6,378
25 years and over .....	53,833	53,939	53,906	54,142	54,328	54,332	54,293	54,313	55,062	54,781	54,934	55,066	55,062
25 to 54 years .....	44,819	44,859	44,751	44,940	44,959	44,967	44,787	44,926	45,270	45,018	45,157	45,283	45,200
25 to 34 years .....	13,739	13,859	13,805	13,725	13,751	13,754	13,577	13,693	13,841	13,834	13,752	13,804	13,731
35 to 44 years .....	16,298	16,240	16,255	16,276	16,207	16,201	16,225	16,193	16,301	16,073	16,191	16,251	16,164
45 to 54 years .....	14,782	14,760	14,692	14,939	15,001	15,012	14,985	15,039	15,129	15,111	15,214	15,228	15,305
55 years and over .....	9,013	9,080	9,155	9,202	9,369	9,365	9,506	9,387	9,792	9,763	9,777	9,783	9,862
<b>MARITAL STATUS</b>													
Married men, spouse present .....	44,306	44,037	44,150	44,235	44,129	44,245	44,093	44,005	44,401	44,587	44,415	44,552	44,542
Married women, spouse present .....	34,015	34,050	34,035	34,278	34,479	34,322	34,264	34,189	34,525	34,620	34,569	34,685	34,443

NOTE: Detail for the data shown in this table will not necessarily add to totals because of the independent seasonal adjustment of the various series.

Beginning in January 2003, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-9. Unemployed persons by age, sex, and marital status, seasonally adjusted**

(In thousands)

Age, sex, and marital status	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>AGE AND SEX</b>													
Total, 16 years and over .....	8,424	8,469	8,443	8,366	8,321	8,405	8,637	8,711	8,302	8,450	8,445	8,786	8,998
16 to 19 years .....	1,287	1,283	1,292	1,280	1,243	1,135	1,261	1,206	1,241	1,251	1,251	1,303	1,339
16 to 17 years .....	578	568	572	555	568	453	542	481	546	514	460	530	530
18 to 19 years .....	720	723	728	764	663	674	715	718	697	702	761	785	834
20 years and over .....	7,137	7,186	7,151	7,086	7,079	7,269	7,377	7,505	7,061	7,199	7,194	7,483	7,659
20 to 24 years .....	1,356	1,387	1,415	1,428	1,433	1,502	1,455	1,444	1,392	1,390	1,310	1,501	1,580
25 years and over .....	5,832	5,852	5,707	5,676	5,632	5,768	5,884	5,924	5,675	5,828	5,876	6,057	6,116
25 to 54 years .....	4,998	5,013	4,913	4,803	4,797	4,942	5,141	5,084	4,833	5,011	5,061	5,045	5,130
25 to 34 years .....	1,886	1,947	1,854	1,908	1,853	1,859	1,967	1,980	1,921	1,809	1,844	1,887	1,937
35 to 44 years .....	1,729	1,619	1,686	1,612	1,677	1,787	1,818	1,747	1,657	1,905	1,747	1,753	1,833
45 to 54 years .....	1,383	1,447	1,373	1,283	1,267	1,296	1,356	1,356	1,256	1,296	1,469	1,404	1,360
55 years and over .....	845	855	795	828	819	823	778	892	890	822	821	919	995
Men, 16 years and over .....	4,583	4,673	4,610	4,654	4,610	4,575	4,845	4,801	4,699	4,678	4,674	4,940	5,107
16 to 19 years .....	735	723	731	748	716	613	692	657	673	716	730	733	745
16 to 17 years .....	342	323	324	331	310	237	300	251	287	273	232	286	295
18 to 19 years .....	397	400	400	446	401	372	392	398	392	436	471	446	465
20 years and over .....	3,848	3,950	3,879	3,906	3,895	3,962	4,153	4,145	4,026	3,962	3,944	4,207	4,362
20 to 24 years .....	753	743	755	802	827	813	797	796	775	731	685	853	915
25 years and over .....	3,144	3,236	3,106	3,097	3,062	3,153	3,329	3,309	3,256	3,238	3,250	3,370	3,485
25 to 54 years .....	2,642	2,734	2,646	2,628	2,592	2,695	2,875	2,803	2,748	2,749	2,754	2,828	2,921
25 to 34 years .....	995	1,128	1,016	1,019	1,000	1,023	1,110	1,067	1,091	969	987	1,033	1,069
35 to 44 years .....	879	845	913	878	887	966	1,010	939	932	997	953	1,008	1,037
45 to 54 years .....	768	761	717	730	705	706	755	797	725	784	814	786	815
55 years and over .....	501	502	460	469	470	459	454	505	507	488	496	542	564
Women, 16 years and over .....	3,841	3,796	3,832	3,712	3,711	3,829	3,792	3,909	3,603	3,772	3,771	3,846	3,891
16 to 19 years .....	552	560	560	532	527	522	569	549	567	534	521	570	594
16 to 17 years .....	236	245	247	223	258	216	242	231	259	241	227	244	235
18 to 19 years .....	323	323	328	318	262	302	323	319	304	266	291	339	369
20 years and over .....	3,289	3,236	3,272	3,180	3,184	3,308	3,224	3,360	3,035	3,237	3,250	3,276	3,297
20 to 24 years .....	603	644	660	626	606	689	658	648	617	658	625	648	665
25 years and over .....	2,689	2,616	2,602	2,579	2,570	2,614	2,555	2,615	2,420	2,590	2,627	2,687	2,631
25 to 54 years .....	2,356	2,279	2,266	2,175	2,205	2,247	2,265	2,280	2,085	2,261	2,307	2,217	2,209
25 to 34 years .....	891	820	839	889	853	836	857	913	830	840	857	854	867
35 to 44 years .....	850	773	773	734	790	821	808	808	725	908	794	745	797
45 to 54 years .....	615	686	655	552	562	590	600	559	531	513	655	619	545
<b>MARITAL STATUS</b>													
Married men, spouse present .....	1,653	1,831	1,620	1,618	1,652	1,630	1,667	1,706	1,622	1,667	1,734	1,730	1,796
Married women, spouse present .....	1,374	1,345	1,331	1,291	1,300	1,342	1,343	1,348	1,176	1,282	1,320	1,304	1,327

NOTE: Detail for the data shown in this table will not necessarily add to totals because of the independent seasonal adjustment of the various series.

Beginning in January 2003, data reflect revised population controls used in the household survey.

## A-10. Unemployment rates by age, sex, and marital status, seasonally adjusted

(Percent)

Age, sex, and marital status	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>AGE AND SEX</b>													
Total, 16 years and over .....	5.8	5.8	5.8	5.8	5.7	5.8	5.9	6.0	5.7	5.8	5.8	6.0	6.1
16 to 19 years .....	17.0	16.9	17.0	16.9	16.2	15.1	16.8	16.4	16.8	17.1	17.7	18.0	18.5
16 to 17 years .....	20.4	19.6	19.7	19.3	19.4	16.2	19.4	17.6	18.3	17.9	16.7	18.7	18.5
18 to 19 years .....	15.3	15.3	15.5	16.2	14.0	14.3	15.3	15.5	15.9	15.9	17.7	17.8	19.0
20 years and over .....	5.2	5.2	5.2	5.2	5.1	5.3	5.4	5.4	5.1	5.2	5.2	5.4	5.5
20 to 24 years .....	9.1	9.4	9.6	9.6	9.6	10.1	9.8	9.7	9.3	9.3	8.9	10.1	10.5
25 years and over .....	4.8	4.8	4.7	4.6	4.6	4.7	4.8	4.8	4.6	4.7	4.7	4.9	4.9
25 to 54 years .....	4.9	4.9	4.8	4.7	4.7	4.9	5.1	5.0	4.7	4.9	5.0	4.9	5.0
25 to 34 years .....	5.9	6.0	5.7	5.9	5.8	5.8	6.2	6.2	5.9	5.6	5.7	5.8	6.0
35 to 44 years .....	4.7	4.4	4.6	4.4	4.6	4.9	4.9	4.8	4.5	5.2	4.8	4.8	5.0
45 to 54 years .....	4.3	4.4	4.2	3.9	3.9	4.0	4.1	4.1	3.8	3.9	4.4	4.2	4.1
55 years and over .....	4.1	4.1	3.8	4.0	3.9	3.9	3.7	4.2	4.1	3.8	3.8	4.2	4.5
Men, 16 years and over .....	5.9	6.0	5.9	6.0	5.9	5.9	6.2	6.2	6.0	6.0	6.0	6.3	6.5
16 to 19 years .....	18.8	18.6	18.9	19.3	18.3	16.0	18.0	17.5	18.2	19.5	20.8	20.6	20.8
16 to 17 years .....	23.1	22.0	22.2	23.1	21.5	17.2	21.2	18.5	19.3	19.1	18.0	21.4	21.5
18 to 19 years .....	16.4	16.6	16.6	18.1	16.3	15.2	16.1	16.7	17.6	19.3	21.5	20.1	20.9
20 years and over .....	5.2	5.4	5.3	5.3	5.3	5.4	5.6	5.6	5.4	5.3	5.3	5.6	5.9
20 to 24 years .....	9.6	9.6	9.7	10.3	10.5	10.4	10.2	10.2	9.7	9.2	8.7	10.7	11.4
25 years and over .....	4.8	4.9	4.7	4.7	4.6	4.8	5.1	5.0	4.9	4.9	4.9	5.1	5.2
25 to 54 years .....	4.8	5.0	4.9	4.8	4.7	4.9	5.3	5.2	5.0	5.0	5.0	5.2	5.3
25 to 34 years .....	5.7	6.4	5.8	5.8	5.7	5.8	6.3	6.1	6.2	5.5	5.6	5.8	6.0
35 to 44 years .....	4.4	4.3	4.6	4.4	4.5	4.9	5.1	4.8	4.7	5.1	4.8	5.1	5.3
45 to 54 years .....	4.5	4.4	4.2	4.2	4.1	4.1	4.4	4.6	4.2	4.5	4.7	4.5	4.7
55 years and over .....	4.4	4.4	4.0	4.1	4.1	4.0	4.0	4.4	4.4	4.2	4.3	4.6	4.8
Women, 16 years and over .....	5.7	5.6	5.7	5.5	5.5	5.7	5.6	5.8	5.3	5.6	5.5	5.6	5.7
16 to 19 years .....	15.0	15.0	15.1	14.4	14.0	14.1	15.6	15.2	15.5	14.8	14.6	15.5	16.2
16 to 17 years .....	17.4	17.2	17.1	15.5	17.4	15.2	17.4	16.6	17.3	16.8	15.5	16.2	15.8
18 to 19 years .....	14.1	14.0	14.3	14.1	11.5	13.3	14.4	14.2	14.1	12.3	13.7	15.5	17.1
20 years and over .....	5.2	5.1	5.1	5.0	5.0	5.2	5.0	5.2	4.7	5.0	5.0	5.1	5.1
20 to 24 years .....	8.6	9.2	9.4	8.8	8.7	9.8	9.4	9.3	8.8	9.5	9.1	9.3	9.4
25 years and over .....	4.8	4.6	4.6	4.5	4.5	4.6	4.5	4.6	4.2	4.5	4.6	4.7	4.6
25 to 54 years .....	5.0	4.8	4.8	4.6	4.7	4.8	4.8	4.8	4.4	4.8	4.9	4.7	4.7
25 to 34 years .....	6.1	5.6	5.7	6.1	5.8	5.7	5.9	6.3	5.7	5.7	5.9	5.8	5.9
35 to 44 years .....	5.0	4.5	4.5	4.3	4.6	4.8	4.7	4.8	4.3	5.3	4.7	4.4	4.7
45 to 54 years .....	4.0	4.4	4.3	3.6	3.6	3.8	3.9	3.6	3.4	3.3	4.1	3.9	3.4
<b>MARITAL STATUS</b>													
Married men, spouse present .....	3.6	4.0	3.5	3.5	3.6	3.6	3.6	3.7	3.5	3.6	3.8	3.7	3.9
Married women, spouse present .....	3.9	3.8	3.8	3.6	3.6	3.8	3.8	3.8	3.3	3.6	3.7	3.6	3.7

NOTE: Beginning in January 2003, 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	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>NUMBER OF UNEMPLOYED</b>													
Job losers and persons who completed temporary jobs ..	4,634	4,650	4,613	4,607	4,608	4,828	4,833	4,863	4,583	4,756	4,613	4,765	5,074
On temporary layoff .....	1,114	1,101	1,236	1,158	1,044	1,098	1,069	1,110	1,080	1,142	1,157	1,101	1,226
Not on temporary layoff .....	3,520	3,550	3,377	3,449	3,565	3,729	3,764	3,753	3,503	3,614	3,456	3,664	3,848
Job leavers .....	892	844	840	844	808	850	834	862	825	772	794	829	772
Reentrants .....	2,400	2,379	2,390	2,326	2,321	2,386	2,394	2,462	2,331	2,395	2,391	2,558	2,499
New entrants .....	503	544	547	587	542	494	586	534	616	579	626	642	634
<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 ..	55.0	55.2	55.0	55.1	55.7	56.4	55.9	55.8	54.9	55.9	54.8	54.2	56.5
On temporary layoff .....	13.2	13.1	14.7	13.8	12.6	12.8	12.4	12.7	12.9	13.4	13.7	12.5	13.7
Not on temporary layoff .....	41.8	42.2	40.2	41.2	43.1	43.6	43.5	43.0	41.9	42.5	41.0	41.7	42.9
Job leavers .....	10.6	10.0	10.0	10.1	9.8	9.9	9.6	9.9	9.9	9.1	9.4	9.4	8.6
Reentrants .....	28.5	28.3	28.5	27.8	28.0	27.9	27.7	28.2	27.9	28.2	28.4	29.1	27.8
New entrants .....	6.0	6.5	6.5	7.0	6.5	5.8	6.8	6.1	7.4	6.8	7.4	7.3	7.1
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers and persons who completed temporary jobs ..	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.4	3.1	3.3	3.2	3.3	3.5
Job leavers .....	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.6	.5
Reentrants .....	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.7	1.7
New entrants .....	.3	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4

NOTE: Beginning in January 2003, data reflect revised population controls used in the household survey.

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

(Numbers in thousands)

Duration	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>NUMBER OF UNEMPLOYED</b>													
Less than 5 weeks .....	2,900	2,786	2,903	2,895	2,782	2,797	2,912	2,860	2,772	2,749	2,780	2,814	3,056
5 to 14 weeks .....	2,566	2,803	2,520	2,505	2,558	2,515	2,532	2,547	2,577	2,565	2,473	2,630	2,605
15 weeks and over .....	2,911	3,045	2,955	2,891	3,019	3,099	3,143	3,296	3,140	3,155	3,104	3,294	3,250
15 to 26 weeks .....	1,328	1,419	1,381	1,361	1,359	1,374	1,317	1,392	1,457	1,281	1,316	1,392	1,321
27 weeks and over .....	1,583	1,626	1,573	1,530	1,660	1,724	1,826	1,904	1,683	1,874	1,788	1,903	1,930
Average (mean) duration, in weeks .....	16.8	17.1	16.6	16.3	17.8	17.6	17.9	18.4	18.4	18.6	18.0	19.6	19.2
Median duration, in weeks .....	9.6	11.6	8.9	8.7	9.5	9.6	9.4	9.6	9.8	9.4	9.6	10.2	10.1
<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 .....	34.6	32.3	34.6	34.9	33.3	33.2	33.9	32.9	32.6	32.5	33.3	32.2	34.3
5 to 14 weeks .....	30.6	32.5	30.1	30.2	30.6	29.9	29.5	29.3	30.4	30.3	29.6	30.1	29.2
15 weeks and over .....	34.7	35.3	35.3	34.9	36.1	36.8	36.6	37.9	37.0	37.3	37.1	37.7	36.5
15 to 26 weeks .....	15.8	16.4	16.5	16.4	16.3	16.3	15.3	16.0	17.2	15.1	15.7	15.9	14.8
27 weeks and over .....	18.9	18.8	18.8	18.5	19.9	20.5	21.3	21.9	19.8	22.1	21.4	21.8	21.7

NOTE: Beginning in January 2003, data reflect revised population controls used in the household survey.

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

(Numbers in thousands)

Age, sex, and race	May 2003							
	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
<b>TOTAL</b>								
16 years and over .....	220,768	146,067	66.2	137,567	62.3	8,500	5.8	74,701
16 to 19 years .....	16,072	6,979	43.4	5,722	35.6	1,257	18.0	9,092
16 to 17 years .....	8,516	2,700	31.7	2,179	25.6	521	19.3	5,816
18 to 19 years .....	7,556	4,279	56.6	3,543	46.9	736	17.2	3,276
20 to 24 years .....	19,775	14,891	75.3	13,310	67.3	1,581	10.6	4,884
25 to 54 years .....	123,172	102,187	83.0	97,398	79.1	4,789	4.7	20,985
25 to 34 years .....	38,990	32,295	82.8	30,459	78.1	1,836	5.7	6,694
25 to 29 years .....	18,569	15,387	82.9	14,429	77.7	958	6.2	3,182
30 to 34 years .....	20,421	16,908	82.8	16,030	78.5	878	5.2	3,512
35 to 44 years .....	43,772	36,710	83.9	34,996	80.0	1,714	4.7	7,062
35 to 39 years .....	21,095	17,588	83.4	16,750	79.4	838	4.8	3,507
40 to 44 years .....	22,676	19,121	84.3	18,246	80.5	875	4.6	3,555
45 to 54 years .....	40,410	33,182	82.1	31,943	79.0	1,239	3.7	7,228
45 to 49 years .....	21,535	18,103	84.1	17,353	80.6	750	4.1	3,432
50 to 54 years .....	18,876	15,079	79.9	14,590	77.3	489	3.2	3,796
55 to 64 years .....	27,562	17,201	62.4	16,495	59.8	705	4.1	10,361
55 to 59 years .....	15,520	11,100	71.5	10,635	68.5	466	4.2	4,419
60 to 64 years .....	12,042	6,100	50.7	5,861	48.7	240	3.9	5,942
65 years and over .....	34,188	4,809	14.1	4,641	13.6	168	3.5	29,379
65 to 69 years .....	9,573	2,599	27.1	2,493	26.0	105	4.1	6,974
70 to 74 years .....	8,469	1,210	14.3	1,179	13.9	31	2.6	7,259
75 years and over .....	16,147	1,000	6.2	969	6.0	31	3.1	15,146
<b>Men</b>								
16 years and over .....	106,238	77,870	73.3	73,131	68.8	4,739	6.1	28,367
16 to 19 years .....	8,154	3,461	42.4	2,793	34.3	667	19.3	4,694
16 to 17 years .....	4,311	1,315	30.5	1,029	23.9	286	21.7	2,996
18 to 19 years .....	3,844	2,146	55.8	1,764	45.9	381	17.8	1,698
20 to 24 years .....	9,864	7,924	80.3	7,019	71.2	905	11.4	1,940
25 to 54 years .....	60,540	54,735	90.4	52,072	86.0	2,663	4.9	5,805
25 to 34 years .....	19,331	17,692	91.5	16,711	86.4	981	5.5	1,639
25 to 29 years .....	9,233	8,374	90.7	7,865	85.2	509	6.1	859
30 to 34 years .....	10,098	9,318	92.3	8,846	87.6	472	5.1	780
35 to 44 years .....	21,474	19,699	91.7	18,733	87.2	966	4.9	1,774
35 to 39 years .....	10,359	9,562	92.3	9,120	88.0	442	4.6	797
40 to 44 years .....	11,115	10,137	91.2	9,613	86.5	524	5.2	977
45 to 54 years .....	19,736	17,345	87.9	16,628	84.3	716	4.1	2,391
45 to 49 years .....	10,545	9,414	89.3	8,972	85.1	442	4.7	1,131
50 to 54 years .....	9,191	7,931	86.3	7,657	83.3	274	3.5	1,260
55 to 64 years .....	13,224	9,057	68.5	8,650	65.4	407	4.5	4,167
55 to 59 years .....	7,471	5,803	77.7	5,527	74.0	276	4.8	1,668
60 to 64 years .....	5,753	3,254	56.6	3,123	54.3	131	4.0	2,499
65 years and over .....	14,455	2,694	18.6	2,596	18.0	98	3.6	11,761
65 to 69 years .....	4,435	1,460	32.9	1,398	31.5	62	4.2	2,975
70 to 74 years .....	3,770	696	18.5	673	17.8	24	3.4	3,074
75 years and over .....	6,250	537	8.6	525	8.4	12	2.3	5,712
<b>Women</b>								
16 years and over .....	114,531	68,197	59.5	64,436	56.3	3,761	5.5	46,334
16 to 19 years .....	7,917	3,519	44.4	2,929	37.0	590	16.8	4,398
16 to 17 years .....	4,205	1,385	32.9	1,150	27.3	235	17.0	2,820
18 to 19 years .....	3,712	2,134	57.5	1,779	47.9	355	16.6	1,578
20 to 24 years .....	9,911	6,967	70.3	6,291	63.5	676	9.7	2,944
25 to 54 years .....	62,631	47,452	75.8	45,326	72.4	2,126	4.5	15,180
25 to 34 years .....	19,659	14,604	74.3	13,748	69.9	855	5.9	5,055
25 to 29 years .....	9,336	7,013	75.1	6,564	70.3	449	6.4	2,323
30 to 34 years .....	10,322	7,590	73.5	7,184	69.6	406	5.4	2,732
35 to 44 years .....	22,298	17,010	76.3	16,263	72.9	748	4.4	5,288
35 to 39 years .....	10,736	8,026	74.8	7,630	71.1	397	4.9	2,710
40 to 44 years .....	11,562	8,984	77.7	8,633	74.7	351	3.9	2,578
45 to 54 years .....	20,675	15,838	76.6	15,315	74.1	523	3.3	4,837
45 to 49 years .....	10,990	8,689	79.1	8,382	76.3	307	3.5	2,301
50 to 54 years .....	9,685	7,148	73.8	6,933	71.6	215	3.0	2,536
55 to 64 years .....	14,338	8,144	56.8	7,845	54.7	298	3.7	6,194
55 to 59 years .....	8,049	5,298	65.8	5,108	63.5	189	3.6	2,751
60 to 64 years .....	6,289	2,846	45.3	2,737	43.5	109	3.8	3,443
65 years and over .....	19,733	2,115	10.7	2,045	10.4	70	3.3	17,618
65 to 69 years .....	5,138	1,139	22.2	1,095	21.3	44	3.8	3,999
70 to 74 years .....	4,698	513	10.9	506	10.8	8	1.5	4,185
75 years and over .....	9,897	463	4.7	445	4.5	19	4.0	9,434

See footnotes at end of table.

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	May 2003							
	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
WHITE <sup>1</sup>								
16 years and over .....	181,021	120,135	66.4	114,016	63.0	6,119	5.1	60,886
16 to 19 years .....	12,512	5,791	46.3	4,899	39.2	892	15.4	6,722
16 to 17 years .....	6,554	2,256	34.4	1,866	28.5	390	17.3	4,298
18 to 19 years .....	5,958	3,535	59.3	3,033	50.9	502	14.2	2,424
20 to 24 years .....	15,516	12,006	77.4	10,908	70.3	1,098	9.1	3,510
25 to 54 years .....	99,548	83,229	83.6	79,808	80.2	3,420	4.1	16,320
25 to 34 years .....	30,777	25,721	83.6	24,449	79.4	1,273	4.9	5,056
25 to 29 years .....	14,615	12,265	83.9	11,611	79.4	654	5.3	2,350
30 to 34 years .....	16,162	13,457	83.3	12,838	79.4	619	4.6	2,706
35 to 44 years .....	35,388	29,802	84.2	28,590	80.8	1,212	4.1	5,586
35 to 39 years .....	16,923	14,100	83.3	13,517	79.9	583	4.1	2,823
40 to 44 years .....	18,465	15,702	85.0	15,073	81.6	629	4.0	2,763
45 to 54 years .....	33,384	27,706	83.0	26,770	80.2	936	3.4	5,678
45 to 49 years .....	17,706	15,027	84.9	14,470	81.7	558	3.7	2,678
50 to 54 years .....	15,678	12,678	80.9	12,300	78.5	378	3.0	3,000
55 to 64 years .....	23,459	14,845	63.3	14,275	60.9	570	3.8	8,614
55 to 59 years .....	13,244	9,590	72.4	9,213	69.6	377	3.9	3,654
60 to 64 years .....	10,215	5,255	51.4	5,062	49.6	193	3.7	4,959
65 years and over .....	29,985	4,265	14.2	4,126	13.8	139	3.3	25,721
65 to 69 years .....	8,199	2,261	27.6	2,174	26.5	87	3.8	5,938
70 to 74 years .....	7,363	1,094	14.9	1,072	14.6	23	2.1	6,269
75 years and over .....	14,423	910	6.3	881	6.1	29	3.2	13,514
Men								
16 years and over .....	88,111	65,177	74.0	61,726	70.1	3,451	5.3	22,934
16 to 19 years .....	6,385	2,907	45.5	2,438	38.2	469	16.1	3,479
16 to 17 years .....	3,307	1,093	33.1	887	26.8	207	18.9	2,213
18 to 19 years .....	3,079	1,813	58.9	1,551	50.4	262	14.5	1,266
20 to 24 years .....	7,846	6,488	82.7	5,854	74.6	634	9.8	1,358
25 to 54 years .....	49,711	45,458	91.4	43,522	87.5	1,936	4.3	4,253
25 to 34 years .....	15,562	14,458	92.9	13,763	88.4	696	4.8	1,103
25 to 29 years .....	7,420	6,849	92.3	6,495	87.5	354	5.2	571
30 to 34 years .....	8,142	7,609	93.5	7,267	89.3	342	4.5	533
35 to 44 years .....	17,636	16,341	92.7	15,642	88.7	699	4.3	1,295
35 to 39 years .....	8,453	7,838	92.7	7,516	88.9	322	4.1	615
40 to 44 years .....	9,183	8,503	92.6	8,126	88.5	377	4.4	680
45 to 54 years .....	16,513	14,658	88.8	14,117	85.5	541	3.7	1,855
45 to 49 years .....	8,781	7,923	90.2	7,601	86.6	321	4.1	858
50 to 54 years .....	7,732	6,735	87.1	6,516	84.3	220	3.3	997
55 to 64 years .....	11,378	7,919	69.6	7,585	66.7	334	4.2	3,458
55 to 59 years .....	6,475	5,098	78.7	4,872	75.2	226	4.4	1,378
60 to 64 years .....	4,902	2,822	57.6	2,713	55.4	108	3.8	2,080
65 years and over .....	12,791	2,405	18.8	2,327	18.2	78	3.2	10,385
65 to 69 years .....	3,841	1,281	33.4	1,228	32.0	53	4.1	2,560
70 to 74 years .....	3,315	636	19.2	621	18.7	15	2.4	2,678
75 years and over .....	5,635	488	8.7	478	8.5	10	2.1	5,147
Women								
16 years and over .....	92,910	54,957	59.2	52,290	56.3	2,668	4.9	37,953
16 to 19 years .....	6,127	2,884	47.1	2,461	40.2	423	14.7	3,243
16 to 17 years .....	3,247	1,163	35.8	979	30.2	183	15.8	2,085
18 to 19 years .....	2,879	1,721	59.8	1,482	51.5	239	13.9	1,158
20 to 24 years .....	7,670	5,518	71.9	5,054	65.9	464	8.4	2,152
25 to 54 years .....	49,837	37,771	75.8	36,286	72.8	1,485	3.9	12,066
25 to 34 years .....	15,215	11,263	74.0	10,686	70.2	577	5.1	3,952
25 to 29 years .....	7,195	5,415	75.3	5,115	71.1	300	5.5	1,779
30 to 34 years .....	8,021	5,848	72.9	5,571	69.5	277	4.7	2,173
35 to 44 years .....	17,752	13,461	75.8	12,948	72.9	513	3.8	4,291
35 to 39 years .....	8,470	6,262	73.9	6,001	70.8	261	4.2	2,208
40 to 44 years .....	9,282	7,199	77.6	6,947	74.8	252	3.5	2,082
45 to 54 years .....	16,870	13,047	77.3	12,653	75.0	395	3.0	3,823
45 to 49 years .....	8,924	7,104	79.6	6,868	77.0	236	3.3	1,820
50 to 54 years .....	7,946	5,943	74.8	5,784	72.8	158	2.7	2,003
55 to 64 years .....	12,081	6,925	57.3	6,690	55.4	236	3.4	5,156
55 to 59 years .....	6,769	4,492	66.4	4,341	64.1	151	3.4	2,277
60 to 64 years .....	5,312	2,433	45.8	2,349	44.2	85	3.5	2,879
65 years and over .....	17,195	1,859	10.8	1,799	10.5	61	3.3	15,336
65 to 69 years .....	4,359	980	22.5	945	21.7	34	3.5	3,379
70 to 74 years .....	4,048	458	11.3	450	11.1	8	1.6	3,590
75 years and over .....	8,788	422	4.8	403	4.6	19	4.4	8,366

See footnotes at end of table.



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

(Numbers in thousands)

Age, sex, and race	May 2003							
	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
BLACK OR AFRICAN AMERICAN <sup>1</sup>								
16 years and over .....	25,624	16,559	64.6	14,817	57.8	1,742	10.5	9,066
16 to 19 years .....	2,376	771	32.5	501	21.1	270	35.1	1,604
16 to 17 years .....	1,300	298	22.9	205	15.8	92	31.0	1,003
18 to 19 years .....	1,076	474	44.1	296	27.5	178	37.6	602
20 to 24 years .....	2,769	1,907	68.9	1,528	55.2	380	19.9	862
25 to 54 years .....	14,967	12,077	80.7	11,073	74.0	1,003	8.3	2,890
25 to 34 years .....	4,969	4,074	82.0	3,662	73.7	412	10.1	895
25 to 29 years .....	2,406	1,964	81.6	1,732	72.0	232	11.8	442
30 to 34 years .....	2,562	2,110	82.3	1,930	75.3	180	8.5	453
35 to 44 years .....	5,390	4,492	83.3	4,102	76.1	390	8.7	898
35 to 39 years .....	2,638	2,236	84.8	2,037	77.2	199	8.9	402
40 to 44 years .....	2,752	2,255	82.0	2,065	75.0	191	8.5	497
45 to 54 years .....	4,608	3,511	76.2	3,309	71.8	202	5.7	1,097
45 to 49 years .....	2,519	1,978	78.5	1,847	73.3	131	6.6	541
50 to 54 years .....	2,089	1,533	73.4	1,463	70.0	71	4.6	556
55 to 64 years .....	2,668	1,425	53.4	1,358	50.9	67	4.7	1,244
55 to 59 years .....	1,464	907	62.0	863	59.0	44	4.9	556
60 to 64 years .....	1,205	517	42.9	495	41.1	22	4.3	688
65 years and over .....	2,844	379	13.3	357	12.5	22	5.8	2,466
65 to 69 years .....	894	219	24.5	208	23.2	12	5.3	675
70 to 74 years .....	726	81	11.1	72	10.0	9	10.6	645
75 years and over .....	1,225	79	6.4	77	6.3	2	2.4	1,146
Men								
16 years and over .....	11,426	7,656	67.0	6,737	59.0	919	12.0	3,769
16 to 19 years .....	1,174	351	29.9	205	17.4	146	41.6	823
16 to 17 years .....	661	151	22.9	92	13.9	59	39.1	510
18 to 19 years .....	513	200	38.9	113	22.0	87	43.5	313
20 to 24 years .....	1,288	915	71.0	702	54.5	213	23.3	373
25 to 54 years .....	6,701	5,578	83.2	5,061	75.5	517	9.3	1,123
25 to 34 years .....	2,206	1,857	84.2	1,655	75.0	202	10.9	349
25 to 29 years .....	1,069	885	82.7	762	71.3	122	13.8	185
30 to 34 years .....	1,136	972	85.6	893	78.5	80	8.2	164
35 to 44 years .....	2,402	2,058	85.7	1,855	77.2	203	9.9	344
35 to 39 years .....	1,168	1,037	88.8	950	81.3	87	8.4	131
40 to 44 years .....	1,235	1,022	82.8	905	73.3	116	11.4	213
45 to 54 years .....	2,092	1,662	79.4	1,551	74.1	111	6.7	430
45 to 49 years .....	1,148	926	80.7	845	73.6	81	8.8	222
50 to 54 years .....	945	737	78.0	706	74.8	30	4.1	208
55 to 64 years .....	1,177	633	53.7	606	51.5	27	4.2	545
55 to 59 years .....	618	393	63.7	374	60.5	19	4.9	225
60 to 64 years .....	560	239	42.8	232	41.5	7	3.0	320
65 years and over .....	1,086	180	16.6	163	15.1	17	9.3	905
65 to 69 years .....	375	103	27.4	96	25.7	6	6.3	273
70 to 74 years .....	282	40	14.1	31	11.0	9	( <sup>2</sup> )	242
75 years and over .....	429	38	8.9	36	8.4	2	( <sup>2</sup> )	391
Women								
16 years and over .....	14,199	8,903	62.7	8,080	56.9	823	9.2	5,296
16 to 19 years .....	1,202	421	35.0	296	24.6	124	29.6	781
16 to 17 years .....	639	146	22.9	113	17.7	33	22.6	493
18 to 19 years .....	563	274	48.7	183	32.5	91	33.3	288
20 to 24 years .....	1,481	993	67.0	826	55.8	166	16.8	489
25 to 54 years .....	8,266	6,499	78.6	6,013	72.7	487	7.5	1,767
25 to 34 years .....	2,763	2,217	80.2	2,007	72.7	210	9.5	546
25 to 29 years .....	1,337	1,080	80.8	970	72.6	110	10.2	257
30 to 34 years .....	1,426	1,137	79.7	1,037	72.7	100	8.8	289
35 to 44 years .....	2,988	2,434	81.5	2,247	75.2	187	7.7	554
35 to 39 years .....	1,470	1,200	81.6	1,088	74.0	112	9.4	270
40 to 44 years .....	1,518	1,234	81.3	1,159	76.4	75	6.0	284
45 to 54 years .....	2,515	1,849	73.5	1,758	69.9	90	4.9	667
45 to 49 years .....	1,371	1,052	76.7	1,002	73.1	50	4.8	319
50 to 54 years .....	1,144	797	69.6	756	66.1	40	5.1	347
55 to 64 years .....	1,491	792	53.1	752	50.4	40	5.1	699
55 to 59 years .....	846	514	60.8	489	57.9	25	4.8	332
60 to 64 years .....	645	278	43.1	262	40.7	15	5.5	367
65 years and over .....	1,759	198	11.3	193	11.0	5	2.6	1,560
65 to 69 years .....	519	116	22.5	111	21.5	5	4.5	402
70 to 74 years .....	444	41	9.3	41	9.3	—	—	403
75 years and over .....	796	41	5.1	41	5.1	—	—	755

See footnotes at end of table.

**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	May 2003							
	Civilian noninstitutional population	Civilian labor force						
		Total	Percent of population	Employed		Unemployed		Not in labor force
				Total	Percent of population	Number	Percent of labor force	
ASIAN <sup>1</sup>								
16 years and over .....	9,204	6,081	66.1	5,768	62.7	313	5.1	3,123
16 to 19 years .....	598	173	28.9	144	24.0	29	17.0	425
16 to 17 years .....	355	69	19.4	52	14.6	17	( <sup>2</sup> )	286
18 to 19 years .....	243	104	42.8	92	37.7	12	11.8	139
20 to 24 years .....	858	531	61.9	476	55.5	55	10.3	327
25 to 54 years .....	5,812	4,612	79.4	4,431	76.2	181	3.9	1,200
25 to 34 years .....	2,186	1,639	75.0	1,573	72.0	66	4.0	546
25 to 29 years .....	1,045	739	70.8	706	67.6	33	4.5	305
30 to 34 years .....	1,141	900	78.9	867	76.0	33	3.6	241
35 to 44 years .....	2,011	1,633	81.2	1,567	77.9	66	4.0	378
35 to 39 years .....	1,069	855	80.0	821	76.9	33	3.9	214
40 to 44 years .....	943	778	82.6	746	79.1	33	4.2	164
45 to 54 years .....	1,615	1,340	83.0	1,291	79.9	49	3.7	275
45 to 49 years .....	845	714	84.5	686	81.3	28	3.9	131
50 to 54 years .....	770	626	81.3	605	78.5	22	3.4	144
55 to 64 years .....	979	659	67.3	616	62.9	43	6.6	320
55 to 59 years .....	551	429	77.8	398	72.2	31	7.3	122
60 to 64 years .....	428	231	53.8	218	51.0	12	5.2	198
65 years and over .....	957	106	11.1	101	10.6	4	4.2	852
65 to 69 years .....	338	84	24.8	79	23.5	4	5.3	254
70 to 74 years .....	269	15	5.6	15	5.6	—	—	254
75 years and over .....	350	7	2.0	7	2.0	—	—	343

<sup>1</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as the main race. For more information, see the "Explanatory Notes and Estimates of Error" section of this publication.

<sup>2</sup> Data not shown where base is less than 75,000.  
NOTE: Estimates for the above race groups do not sum to totals because data are not presented for all races. Beginning in January 2003, data reflect revised population controls used in the household survey.

A-14. Employment status of the Hispanic or Latino population by age and sex

(Numbers in thousands)

Age and sex	May 2003							
	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Percent of population	Employed		Unemployed		
				Total	Percent of population	Number	Percent of labor force	
HISPANIC OR LATINO ETHNICITY								
16 years and over .....	27,391	18,667	68.1	17,288	63.1	1,378	7.4	8,725
16 to 19 years .....	2,533	942	37.2	788	31.1	153	16.3	1,591
16 to 17 years .....	1,348	318	23.6	262	19.4	56	17.6	1,030
18 to 19 years .....	1,185	624	52.6	527	44.4	97	15.6	561
20 to 24 years .....	3,530	2,685	76.1	2,379	67.4	306	11.4	845
25 to 54 years .....	17,233	13,628	79.1	12,792	74.2	836	6.1	3,605
25 to 34 years .....	7,463	5,914	79.2	5,515	73.9	399	6.7	1,549
25 to 29 years .....	3,787	3,020	79.8	2,806	74.1	214	7.1	767
30 to 34 years .....	3,676	2,894	78.7	2,709	73.7	185	6.4	782
35 to 44 years .....	5,964	4,866	81.6	4,589	76.9	278	5.7	1,098
35 to 39 years .....	3,222	2,614	81.1	2,467	76.5	147	5.6	608
40 to 44 years .....	2,742	2,252	82.1	2,122	77.4	130	5.8	490
45 to 54 years .....	3,806	2,848	74.8	2,688	70.6	160	5.6	958
45 to 49 years .....	2,161	1,662	76.9	1,558	72.1	104	6.2	499
50 to 54 years .....	1,646	1,186	72.1	1,131	68.7	56	4.7	459
55 to 64 years .....	2,073	1,142	55.1	1,062	51.2	80	7.0	931
55 to 59 years .....	1,179	753	63.9	696	59.1	56	7.5	426
60 to 64 years .....	894	389	43.5	365	40.8	24	6.1	505
65 years and over .....	2,022	270	13.4	267	13.2	3	1.0	1,752
65 to 69 years .....	685	171	24.9	171	24.9	-	-	514
70 to 74 years .....	524	53	10.1	50	9.6	3	( 1 )	471
75 years and over .....	813	46	5.7	46	5.7	-	-	767
Men								
16 years and over .....	14,015	11,186	79.8	10,415	74.3	771	6.9	2,829
16 to 19 years .....	1,297	492	37.9	408	31.4	84	17.1	805
16 to 17 years .....	673	149	22.2	122	18.1	27	18.2	524
18 to 19 years .....	624	343	55.0	286	45.8	57	16.7	281
20 to 24 years .....	1,906	1,684	88.4	1,508	79.1	176	10.5	221
25 to 54 years .....	8,976	8,233	91.7	7,773	86.6	460	5.6	744
25 to 34 years .....	4,008	3,731	93.1	3,524	87.9	207	5.6	276
25 to 29 years .....	2,061	1,918	93.0	1,815	88.0	103	5.4	144
30 to 34 years .....	1,946	1,814	93.2	1,709	87.8	104	5.7	133
35 to 44 years .....	3,077	2,873	93.4	2,713	88.2	160	5.6	203
35 to 39 years .....	1,678	1,552	92.5	1,489	88.7	64	4.1	126
40 to 44 years .....	1,399	1,321	94.5	1,224	87.5	97	7.3	78
45 to 54 years .....	1,892	1,628	86.1	1,536	81.2	92	5.7	264
45 to 49 years .....	1,085	943	86.9	872	80.3	71	7.6	142
50 to 54 years .....	807	685	84.9	664	82.3	21	3.1	122
55 to 64 years .....	980	631	64.4	581	59.3	50	7.9	349
55 to 59 years .....	559	413	73.9	376	67.3	37	8.9	146
60 to 64 years .....	420	217	51.7	204	48.6	13	6.1	203
65 years and over .....	856	146	17.1	146	17.1	-	-	710
65 to 69 years .....	306	98	32.0	98	32.0	-	-	208
70 to 74 years .....	223	22	9.7	22	9.7	-	-	201
75 years and over .....	328	26	8.1	26	8.1	-	-	301
Women								
16 years and over .....	13,376	7,481	55.9	6,873	51.4	607	8.1	5,896
16 to 19 years .....	1,236	449	36.4	381	30.8	69	15.3	786
16 to 17 years .....	675	169	25.0	140	20.7	29	17.0	506
18 to 19 years .....	561	281	50.1	241	42.9	40	14.2	280
20 to 24 years .....	1,625	1,001	61.6	871	53.6	130	13.0	624
25 to 54 years .....	8,257	5,395	65.3	5,019	60.8	376	7.0	2,862
25 to 34 years .....	3,455	2,183	63.2	1,991	57.6	192	8.8	1,273
25 to 29 years .....	1,726	1,102	63.9	991	57.5	111	10.1	623
30 to 34 years .....	1,730	1,080	62.4	1,000	57.8	81	7.5	650
35 to 44 years .....	2,887	1,993	69.0	1,876	65.0	117	5.9	894
35 to 39 years .....	1,544	1,062	68.8	978	63.3	84	7.9	482
40 to 44 years .....	1,343	931	69.3	898	66.8	33	3.6	412
45 to 54 years .....	1,914	1,220	63.7	1,153	60.2	67	5.5	695
45 to 49 years .....	1,075	718	66.8	686	63.8	32	4.5	357
50 to 54 years .....	839	501	59.8	467	55.6	35	6.9	337
55 to 64 years .....	1,093	511	46.8	481	44.0	30	5.9	582
55 to 59 years .....	620	340	54.8	320	51.7	20	5.8	280
60 to 64 years .....	474	172	36.2	161	34.0	11	6.2	302
65 years and over .....	1,166	124	10.6	121	10.4	3	2.3	1,042
65 to 69 years .....	379	73	19.2	73	19.2	-	-	306
70 to 74 years .....	301	31	10.4	29	9.5	3	( 1 )	270
75 years and over .....	486	20	4.1	20	4.1	-	-	466

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

NOTE: Persons whose ethnicity is identified as Hispanic or Latino may be of any

race. Beginning in January 2003, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-15. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic or Latino ethnicity**

(Numbers in thousands)

Employment status, race, and Hispanic or Latino ethnicity	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
<b>TOTAL</b>								
Civilian noninstitutional population .....	217,198	220,768	96,205	98,083	104,977	106,613	16,017	16,072
Civilian labor force .....	144,527	146,067	73,701	74,410	63,499	64,678	7,328	6,979
Percent of population .....	66.5	66.2	76.6	75.9	60.5	60.7	45.7	43.4
Employed .....	136,559	137,567	70,104	70,338	60,334	61,507	6,120	5,722
Unemployed .....	7,969	8,500	3,597	4,072	3,165	3,170	1,207	1,257
Unemployment rate .....	5.5	5.8	4.9	5.5	5.0	4.9	16.5	18.0
Not in labor force .....	72,671	74,701	22,504	23,674	41,478	41,935	8,689	9,092
<b>White<sup>1</sup></b>								
Civilian noninstitutional population .....	179,524	181,021	80,784	81,726	86,147	86,783	12,593	12,512
Civilian labor force .....	119,938	120,135	62,141	62,271	51,652	52,074	6,145	5,791
Percent of population .....	66.8	66.4	76.9	76.2	60.0	60.0	48.8	46.3
Employed .....	114,132	114,016	59,414	59,288	49,479	49,829	5,239	4,899
Unemployed .....	5,806	6,119	2,727	2,982	2,172	2,245	906	892
Unemployment rate .....	4.8	5.1	4.4	4.8	4.2	4.3	14.8	15.4
Not in labor force .....	59,587	60,886	18,643	19,455	34,496	34,710	6,448	6,722
<b>Black or African American<sup>1</sup></b>								
Civilian noninstitutional population .....	25,514	25,624	10,165	10,252	12,935	12,997	2,413	2,376
Civilian labor force .....	16,573	16,559	7,376	7,305	8,352	8,482	845	771
Percent of population .....	65.0	64.6	72.6	71.3	64.6	65.3	35.0	32.5
Employed .....	14,925	14,817	6,764	6,532	7,555	7,784	605	501
Unemployed .....	1,648	1,742	612	773	796	698	239	270
Unemployment rate .....	9.9	10.5	8.3	10.6	9.5	8.2	28.4	35.1
Not in labor force .....	8,941	9,066	2,789	2,946	4,584	4,515	1,568	1,604
<b>Asian<sup>1</sup></b>								
Civilian noninstitutional population .....	9,780	9,204	4,222	4,022	4,782	4,584	776	598
Civilian labor force .....	6,504	6,081	3,384	3,189	2,865	2,719	255	173
Percent of population .....	66.5	66.1	80.2	79.3	59.9	59.3	32.8	28.9
Employed .....	6,122	5,768	3,188	3,029	2,716	2,596	218	144
Unemployed .....	382	313	196	160	149	123	37	29
Unemployment rate .....	5.9	5.1	5.8	5.0	5.2	4.5	14.4	17.0
Not in labor force .....	3,276	3,123	838	833	1,917	1,865	522	425
<b>Hispanic or Latino ethnicity</b>								
Civilian noninstitutional population .....	25,827	27,391	11,858	12,718	11,465	12,141	2,504	2,533
Civilian labor force .....	17,733	18,667	9,886	10,694	6,776	7,031	1,071	942
Percent of population .....	68.7	68.1	83.4	84.1	59.1	57.9	42.8	37.2
Employed .....	16,605	17,288	9,402	10,007	6,313	6,493	889	788
Unemployed .....	1,128	1,378	483	687	463	539	182	153
Unemployment rate .....	6.4	7.4	4.9	6.4	6.8	7.7	17.0	16.3
Not in labor force .....	8,094	8,725	1,972	2,024	4,689	5,109	1,433	1,591

<sup>1</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as the main race. For more information, see the "Explanatory Notes and Estimates of Error" section of this publication.

NOTE: Estimates for the above race groups (white, black or African American,

and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2003, data reflect revised population controls used in the household survey.

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

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic or Latino ethnicity	May 2003									
	Civilian noninstitutional population	Civilian labor force								Percent of labor force
		Total	Percent of population	Employed			Unemployed			
				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 .....	18,831	8,069	42.9	7,052	1,609	5,443	1,017	493	524	12.6
16 to 19 years .....	12,905	4,672	36.2	3,938	436	3,502	734	297	436	15.7
20 to 24 years .....	5,925	3,397	57.3	3,114	1,173	1,940	284	196	88	8.4
Men .....	9,193	3,663	39.8	3,151	782	2,369	512	245	267	14.0
Women .....	9,637	4,406	45.7	3,901	827	3,074	506	249	257	11.5
High school .....	11,001	3,713	33.8	3,088	231	2,857	625	234	391	16.8
College .....	7,830	4,356	55.6	3,964	1,378	2,586	392	259	133	9.0
Full-time students .....	6,592	3,309	50.2	2,985	809	2,177	323	216	107	9.8
Part-time students .....	1,238	1,047	84.6	978	569	409	69	42	26	6.6
<b>White<sup>1</sup></b>										
Total, 16 to 24 years .....	14,540	6,623	45.5	5,882	1,291	4,591	741	340	401	11.2
16 to 19 years .....	10,052	3,940	39.2	3,398	361	3,036	542	195	347	13.8
20 to 24 years .....	4,488	2,683	59.8	2,484	929	1,555	199	145	54	7.4
Men .....	7,156	3,049	42.6	2,671	653	2,019	377	184	193	12.4
Women .....	7,384	3,574	48.4	3,211	638	2,573	363	155	208	10.2
High school .....	8,498	3,157	37.2	2,709	200	2,509	448	142	306	14.2
College .....	6,042	3,465	57.4	3,173	1,090	2,083	292	197	95	8.4
Full-time students .....	5,092	2,652	52.1	2,410	639	1,770	243	167	76	9.1
Part-time students .....	950	813	85.6	763	451	313	50	31	19	6.1
<b>Black or African American<sup>1</sup></b>										
Total, 16 to 24 years .....	2,697	860	31.9	661	211	450	198	117	81	23.1
16 to 19 years .....	1,892	464	24.5	330	54	276	135	75	60	29.0
20 to 24 years .....	806	396	49.1	332	158	174	64	42	22	16.1
Men .....	1,285	359	27.9	263	83	180	96	46	50	26.8
Women .....	1,412	501	35.5	399	128	270	102	71	31	20.4
High school .....	1,685	362	21.5	241	25	216	121	61	60	33.5
College .....	1,012	498	49.2	421	186	234	77	56	21	15.5
Full-time students .....	826	343	41.5	280	105	176	62	44	18	18.2
Part-time students .....	186	155	83.3	140	82	59	14	12	3	9.3
<b>Asian<sup>1</sup></b>										
Total, 16 to 24 years .....	947	318	33.6	276	47	230	41	13	29	13.0
16 to 19 years .....	533	131	24.5	107	7	99	24	8	16	18.5
20 to 24 years .....	413	187	45.2	170	39	130	17	5	12	9.3
Men .....	451	148	32.8	120	21	99	28	5	22	18.7
Women .....	496	170	34.2	156	25	131	14	7	7	8.2
High school .....	439	90	20.5	68	—	68	22	8	14	24.6
College .....	508	228	44.9	209	47	162	19	4	15	8.5
Full-time students .....	459	189	41.3	175	29	146	15	4	11	7.8
Part-time students .....	49	39	( <sup>2</sup> )	34	17	16	5	—	5	( <sup>2</sup> )
<b>Hispanic or Latino Ethnicity</b>										
Total, 16 to 24 years .....	2,544	843	33.1	740	205	534	103	73	30	12.3
16 to 19 years .....	1,869	476	25.5	409	61	348	67	43	24	14.1
20 to 24 years .....	674	367	54.4	331	144	187	36	30	6	9.9
Men .....	1,227	384	31.3	334	106	229	50	45	5	13.0
Women .....	1,317	459	34.8	405	100	306	54	28	26	11.7
High school .....	1,681	368	21.9	300	34	266	68	40	28	18.4
College .....	862	475	55.1	440	171	268	36	34	2	7.5
Full-time students .....	658	311	47.2	287	85	202	23	21	2	7.5
Part-time students .....	204	165	80.5	152	87	66	12	12	—	7.4

See footnotes at end of table.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic or Latino ethnicity	May 2003									
	Civilian noninstitutional population	Civilian labor force								Percent of labor force
		Total	Percent of population	Employed			Unemployed			
				Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work	
TOTAL NOT ENROLLED										
Total, 16 to 24 years .....	17,016	13,801	81.1	11,980	9,577	2,403	1,821	1,655	166	13.2
16 to 19 years .....	3,167	2,307	72.9	1,784	1,191	593	524	466	58	22.7
20 to 24 years .....	13,849	11,494	83.0	10,196	8,386	1,811	1,297	1,190	108	11.3
Men .....	8,825	7,721	87.5	6,661	5,612	1,049	1,060	992	68	13.7
Women .....	8,191	6,079	74.2	5,319	3,965	1,354	761	663	98	12.5
Less than a high school diploma .....	4,289	2,973	69.3	2,359	1,823	536	614	564	50	20.6
High school graduates, no college .....	6,552	5,449	83.2	4,728	3,848	879	721	661	59	13.2
Some college or associate degree .....	4,533	3,864	85.3	3,457	2,622	835	407	356	51	10.5
Bachelor's degree and higher .....	1,642	1,515	92.3	1,436	1,282	153	80	74	5	5.3
White <sup>1</sup>										
Total, 16 to 24 years .....	13,489	11,174	82.8	9,925	7,966	1,959	1,249	1,126	123	11.2
16 to 19 years .....	2,460	1,851	75.2	1,501	1,010	491	350	297	53	18.9
20 to 24 years .....	11,029	9,323	84.5	8,424	6,956	1,468	900	830	70	9.6
Men .....	7,076	6,346	89.7	5,621	4,760	860	726	682	44	11.4
Women .....	6,413	4,828	75.3	4,304	3,205	1,099	523	444	79	10.8
Less than a high school diploma .....	3,316	2,370	71.5	1,954	1,515	440	415	374	41	17.5
High school graduates, no college .....	5,116	4,353	85.1	3,877	3,187	690	477	437	40	10.9
Some college or associate degree .....	3,676	3,141	85.4	2,843	2,136	707	298	262	36	9.5
Bachelor's degree and higher .....	1,381	1,310	94.9	1,251	1,128	123	59	54	5	4.5
Black or African American <sup>1</sup>										
Total, 16 to 24 years .....	2,448	1,819	74.3	1,367	1,053	315	452	418	34	24.8
16 to 19 years .....	484	307	63.4	171	97	75	136	130	5	44.2
20 to 24 years .....	1,963	1,512	77.0	1,196	956	240	316	287	28	20.9
Men .....	1,176	907	77.1	644	520	124	263	243	20	29.0
Women .....	1,271	912	71.8	724	533	191	189	175	14	20.7
Less than a high school diploma .....	727	428	58.8	261	184	77	167	158	9	39.0
High school graduates, no college .....	1,049	818	78.0	617	469	148	201	184	16	24.5
Some college or associate degree .....	577	488	84.6	414	339	74	74	66	9	15.2
Bachelor's degree and higher .....	95	86	90.3	76	61	15	10	10	-	11.6
Asian <sup>1</sup>										
Total, 16 to 24 years .....	509	386	75.8	343	295	48	43	39	3	11.0
16 to 19 years .....	65	42	( <sup>2</sup> )	37	32	5	5	5	-	( <sup>2</sup> )
20 to 24 years .....	444	344	77.4	306	263	44	37	34	3	10.8
Men .....	273	226	82.8	199	174	25	27	24	3	12.1
Women .....	236	160	67.7	145	122	23	15	15	-	9.5
Less than a high school diploma .....	95	76	79.9	68	64	4	8	8	-	10.5
High school graduates, no college .....	153	112	73.2	108	94	14	4	4	-	3.4
Some college or associate degree .....	143	117	82.0	97	77	19	20	17	3	17.4
Bachelor's degree and higher .....	118	81	68.6	71	60	11	10	10	-	12.8
Hispanic or Latino Ethnicity										
Total, 16 to 24 years .....	3,519	2,784	79.1	2,428	2,023	405	356	324	32	12.8
16 to 19 years .....	663	466	70.2	380	280	100	86	78	8	18.5
20 to 24 years .....	2,856	2,318	81.2	2,048	1,743	305	270	246	24	11.6
Men .....	1,976	1,792	90.7	1,581	1,372	209	211	198	13	11.8
Women .....	1,543	991	64.2	846	651	195	145	126	19	14.6
Less than a high school diploma .....	1,719	1,291	75.1	1,108	934	174	182	172	10	14.1
High school graduates, no college .....	1,135	946	83.3	836	697	138	110	105	5	11.7
Some college or associate degree .....	571	466	81.6	412	329	82	54	43	11	11.7
Bachelor's degree and higher .....	94	81	86.2	72	62	10	9	4	5	10.9

<sup>1</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as the main race. For more information, see the "Explanatory Notes and Estimates of Error" section of this publication.

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

NOTE: In the summer months, the educational attainment levels of youth not enrolled

in school are increased by the temporary movement of high school and college students into that group. Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2003, data reflect revised population controls used in the household survey.

**A-17. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, sex, race, and Hispanic or Latino ethnicity**

(Numbers in thousands)

Sex, race, and Hispanic or Latino ethnicity	Less than a high school diploma		High school graduates, no college		Some college or associate degree						Bachelor's degree and higher <sup>1</sup>	
					Total		Some college, no degree		Associate degree			
	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
<b>TOTAL</b>												
Civilian labor force .....	12,995	12,954	37,532	37,774	32,927	33,668	21,485	22,112	11,442	11,556	39,022	39,801
Percent of population .....	44.8	45.6	64.3	63.8	73.0	72.5	71.1	70.8	76.7	75.9	78.8	78.2
Employed .....	12,036	11,914	35,633	35,836	31,447	32,107	20,501	21,012	10,945	11,095	37,959	38,678
Employment-population ratio .....	41.5	41.9	61.1	60.5	69.7	69.1	67.9	67.3	73.4	72.9	76.7	76.0
Unemployed .....	959	1,040	1,899	1,938	1,480	1,561	984	1,100	497	461	1,063	1,123
Unemployment rate .....	7.4	8.0	5.1	5.1	4.5	4.6	4.6	5.0	4.3	4.0	2.7	2.8
<b>Men</b>												
Civilian labor force .....	8,030	8,088	20,038	20,096	16,510	16,784	11,185	11,465	5,325	5,320	21,362	21,518
Percent of population .....	57.3	58.0	74.9	74.0	80.3	78.9	78.7	77.6	83.7	81.9	84.4	83.2
Employed .....	7,548	7,511	19,055	19,002	15,797	15,941	10,709	10,879	5,088	5,062	20,689	20,864
Employment-population ratio .....	53.9	53.9	71.2	70.0	76.8	74.9	75.4	73.6	80.0	78.0	81.7	80.7
Unemployed .....	482	577	983	1,094	713	843	476	585	237	258	673	653
Unemployment rate .....	6.0	7.1	4.9	5.4	4.3	5.0	4.3	5.1	4.4	4.8	3.2	3.0
<b>Women</b>												
Civilian labor force .....	4,964	4,865	17,494	17,678	16,417	16,883	10,300	10,647	6,117	6,236	17,660	18,283
Percent of population .....	33.2	33.7	55.4	55.2	66.9	67.1	64.4	64.8	71.5	71.4	73.1	73.0
Employed .....	4,488	4,403	16,578	16,834	15,650	16,166	9,793	10,132	5,857	6,033	17,270	17,814
Employment-population ratio .....	30.0	30.5	52.5	52.5	63.7	64.2	61.2	61.7	68.5	69.1	71.4	71.2
Unemployed .....	477	463	916	844	767	718	507	515	260	203	390	469
Unemployment rate .....	9.6	9.5	5.2	4.8	4.7	4.3	4.9	4.8	4.2	3.3	2.2	2.6
<b>White <sup>2</sup></b>												
Civilian labor force .....	10,541	10,447	31,099	30,952	27,119	27,587	17,461	17,893	9,658	9,695	32,995	33,353
Percent of population .....	45.7	46.2	63.5	63.0	72.2	71.7	69.9	69.8	76.8	75.6	78.6	78.0
Employed .....	9,857	9,708	29,762	29,545	26,011	26,470	16,720	17,130	9,291	9,340	32,175	32,486
Employment-population ratio .....	42.7	42.9	60.7	60.1	69.3	68.8	67.0	66.8	73.9	72.8	76.6	76.0
Unemployed .....	684	738	1,338	1,407	1,108	1,117	741	762	366	355	819	867
Unemployment rate .....	6.5	7.1	4.3	4.5	4.1	4.0	4.2	4.3	3.8	3.7	2.5	2.6
<b>Black or African American <sup>2</sup></b>												
Civilian labor force .....	1,758	1,635	4,858	4,944	4,370	4,303	3,044	3,059	1,326	1,244	2,821	2,999
Percent of population .....	40.6	40.7	69.6	68.3	77.8	77.5	77.3	76.8	78.9	79.4	82.9	81.7
Employed .....	1,555	1,413	4,376	4,529	4,086	3,990	2,854	2,821	1,232	1,169	2,704	2,855
Employment-population ratio .....	35.9	35.2	62.7	62.6	72.7	71.9	72.5	70.8	73.3	74.6	79.5	77.8
Unemployed .....	204	221	482	414	283	313	190	239	93	74	117	143
Unemployment rate .....	11.6	13.5	9.9	8.4	6.5	7.3	6.2	7.8	7.0	6.0	4.2	4.8
<b>Asian <sup>2</sup></b>												
Civilian labor force .....	457	524	1,127	1,051	1,059	926	713	584	346	341	2,995	2,878
Percent of population .....	43.6	49.8	65.3	64.0	74.9	71.2	79.6	73.0	66.8	68.2	77.7	76.7
Employed .....	413	490	1,070	1,005	996	859	671	530	325	329	2,879	2,794
Employment-population ratio .....	39.3	46.6	62.0	61.2	70.5	66.1	75.0	66.3	62.7	65.7	74.7	74.4
Unemployed .....	44	34	56	45	62	66	41	54	21	12	117	83
Unemployment rate .....	9.7	6.4	5.0	4.3	5.9	7.2	5.8	9.2	6.1	3.6	3.9	2.9
<b>Hispanic or Latino ethnicity</b>												
Civilian labor force .....	5,341	5,582	4,089	4,339	2,669	2,951	1,905	2,021	764	930	2,005	2,168
Percent of population .....	62.3	61.6	73.5	73.0	79.3	80.7	79.2	79.8	79.3	82.6	83.1	81.5
Employed .....	4,984	5,146	3,898	4,108	2,543	2,784	1,819	1,910	724	874	1,946	2,083
Employment-population ratio .....	58.2	56.8	70.1	69.1	75.5	76.1	75.6	75.4	75.2	77.7	80.7	78.3
Unemployed .....	357	437	192	231	126	167	86	111	39	56	59	85
Unemployment rate .....	6.7	7.8	4.7	5.3	4.7	5.7	4.5	5.5	5.2	6.0	2.9	3.9

<sup>1</sup> Includes persons with bachelor's, master's, professional, and doctoral degrees.

<sup>2</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as the main race. For more information, see the "Explanatory Notes and Estimates of Error" section of this publication.

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2003, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-18. Employed and unemployed full- and part-time workers by age, sex, race, and Hispanic or Latino ethnicity**

(In thousands)

Age, sex, race, and Hispanic or Latino ethnicity	May 2003									
	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 .....	112,983	101,654	8,544	2,785	24,584	3,086	20,103	1,395	7,225	1,275
16 to 19 years .....	1,627	1,349	245	33	4,095	234	3,715	146	763	495
16 to 17 years .....	163	124	38	2	2,016	31	1,914	70	199	322
18 to 19 years .....	1,464	1,225	207	32	2,079	203	1,800	76	563	173
20 years and over .....	111,356	100,304	8,300	2,752	20,489	2,851	16,388	1,249	6,462	781
20 to 24 years .....	9,559	8,467	893	199	3,751	627	2,940	185	1,386	195
25 years and over .....	101,797	91,837	7,407	2,553	16,738	2,225	13,448	1,065	5,076	585
25 to 54 years .....	85,632	77,553	6,041	2,038	11,766	1,903	9,180	683	4,407	381
55 years and over .....	16,165	14,284	1,366	515	4,972	322	4,268	382	669	204
<b>Men, 16 years and over .....</b>	<b>65,143</b>	<b>59,204</b>	<b>4,495</b>	<b>1,444</b>	<b>7,988</b>	<b>1,428</b>	<b>6,090</b>	<b>469</b>	<b>4,232</b>	<b>507</b>
16 to 19 years .....	948	792	136	20	1,845	105	1,674	67	422	245
20 years and over .....	64,195	58,411	4,359	1,425	6,143	1,324	4,416	403	3,810	263
20 to 24 years .....	5,446	4,889	463	94	1,573	339	1,157	77	814	90
25 years and over .....	58,749	53,523	3,896	1,330	4,569	984	3,259	325	2,995	172
25 to 54 years .....	49,483	45,245	3,197	1,041	2,590	844	1,578	167	2,567	95
55 years and over .....	9,267	8,278	700	289	1,979	140	1,681	158	428	77
<b>Women, 16 years and over .....</b>	<b>47,840</b>	<b>42,450</b>	<b>4,049</b>	<b>1,341</b>	<b>16,596</b>	<b>1,657</b>	<b>14,013</b>	<b>926</b>	<b>2,993</b>	<b>768</b>
16 to 19 years .....	679	557	108	14	2,250	130	2,041	79	341	250
20 years and over .....	47,161	41,893	3,941	1,328	14,346	1,528	11,972	847	2,652	518
20 to 24 years .....	4,113	3,578	430	105	2,178	287	1,783	107	571	105
25 years and over .....	43,048	38,314	3,510	1,223	12,169	1,241	10,189	739	2,081	413
25 to 54 years .....	36,150	32,308	2,844	997	9,176	1,059	7,602	516	1,840	286
55 years and over .....	6,898	6,006	666	226	2,992	182	2,587	224	241	127
<b>White <sup>3</sup></b>										
<b>Men, 16 years and over .....</b>	<b>55,061</b>	<b>50,056</b>	<b>3,843</b>	<b>1,163</b>	<b>6,666</b>	<b>1,107</b>	<b>5,151</b>	<b>407</b>	<b>3,092</b>	<b>359</b>
16 to 19 years .....	835	706	114	15	1,603	88	1,453	62	281	188
20 years and over .....	54,226	49,350	3,729	1,147	5,062	1,019	3,698	345	2,811	171
20 to 24 years .....	4,578	4,125	381	73	1,276	269	947	60	585	49
25 years and over .....	49,648	45,225	3,348	1,074	3,787	750	2,751	285	2,226	122
25 to 54 years .....	41,534	37,962	2,734	838	1,987	638	1,215	135	1,872	64
55 years and over .....	8,113	7,263	614	236	1,800	113	1,537	150	354	58
<b>Women, 16 years and over .....</b>	<b>38,134</b>	<b>33,804</b>	<b>3,302</b>	<b>1,028</b>	<b>14,156</b>	<b>1,254</b>	<b>12,083</b>	<b>819</b>	<b>2,061</b>	<b>607</b>
16 to 19 years .....	536	431	92	14	1,925	104	1,755	66	211	212
20 years and over .....	37,597	33,373	3,210	1,015	12,231	1,150	10,328	753	1,850	395
20 to 24 years .....	3,307	2,903	310	93	1,747	226	1,426	94	389	75
25 years and over .....	34,291	30,469	2,900	922	10,484	924	8,902	659	1,461	320
25 to 54 years .....	28,467	25,398	2,322	748	7,819	787	6,584	449	1,264	221
55 years and over .....	5,823	5,072	578	174	2,665	137	2,318	210	197	99
<b>Black or African American <sup>3</sup></b>										
<b>Men, 16 years and over .....</b>	<b>5,934</b>	<b>5,433</b>	<b>341</b>	<b>161</b>	<b>803</b>	<b>226</b>	<b>543</b>	<b>34</b>	<b>812</b>	<b>107</b>
16 to 19 years .....	65	52	10	3	140	8	128	3	103	43
20 years and over .....	5,869	5,381	331	158	663	218	414	31	709	64
20 to 24 years .....	537	481	48	8	164	53	107	4	187	26
25 years and over .....	5,332	4,899	283	150	499	165	307	27	523	38
25 to 54 years .....	4,673	4,310	246	117	388	148	215	25	494	23
55 years and over .....	659	589	37	33	111	17	92	2	29	14
<b>Women, 16 years and over .....</b>	<b>6,655</b>	<b>5,930</b>	<b>514</b>	<b>210</b>	<b>1,425</b>	<b>292</b>	<b>1,059</b>	<b>74</b>	<b>714</b>	<b>109</b>
16 to 19 years .....	85	75	10	-	211	22	182	7	103	22
20 years and over .....	6,570	5,856	504	210	1,214	269	877	68	611	87
20 to 24 years .....	576	478	93	5	250	54	185	10	143	24
25 years and over .....	5,993	5,377	411	205	964	215	692	57	469	63
25 to 54 years .....	5,278	4,753	357	168	735	182	508	44	441	46
55 years and over .....	716	624	54	38	230	33	183	13	28	17

See footnotes at end of table.



A-18. Employed and unemployed full- and part-time workers by age, sex, race, and Hispanic or Latino ethnicity — Continued

(In thousands)

Age, sex, race, and Hispanic or Latino ethnicity	May 2003									
	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>Asian <sup>3</sup></b>										
Men, 16 years and over .....	2,793	2,572	164	57	307	47	242	19	154	28
16 to 19 years .....	21	10	11	-	51	4	45	1	10	12
20 years and over .....	2,772	2,563	153	57	257	43	197	17	144	16
20 to 24 years .....	174	151	17	6	73	6	61	6	20	14
25 years and over .....	2,598	2,412	136	51	183	37	135	11	124	3
25 to 54 years .....	2,247	2,099	108	40	136	28	104	5	96	1
55 years and over .....	351	313	28	11	47	9	32	6	28	1
Women, 16 years and over .....	2,020	1,828	141	51	648	61	573	14	108	22
16 to 19 years .....	19	16	3	-	53	-	51	2	3	4
20 years and over .....	2,001	1,812	139	51	595	60	522	12	105	18
20 to 24 years .....	128	102	23	4	101	4	94	2	19	2
25 years and over .....	1,874	1,711	116	47	494	56	427	10	86	16
25 to 54 years .....	1,613	1,482	95	37	435	50	375	10	76	7
55 years and over .....	260	229	21	10	59	6	53	-	10	9
<b>Hispanic or Latino ethnicity</b>										
Men, 16 years and over .....	9,473	8,635	668	170	942	338	576	28	739	32
16 to 19 years .....	205	181	17	7	203	27	174	2	78	6
20 years and over .....	9,268	8,454	651	163	739	311	402	25	661	26
20 to 24 years .....	1,273	1,168	82	22	235	88	137	10	165	11
25 years and over .....	7,995	7,286	569	141	504	223	266	16	496	14
25 to 54 years .....	7,336	6,685	527	124	437	210	216	11	449	11
55 years and over .....	660	601	41	17	67	13	49	4	47	3
Women, 16 years and over .....	5,269	4,693	428	148	1,605	366	1,176	62	520	88
16 to 19 years .....	136	123	9	5	244	29	212	4	42	27
20 years and over .....	5,132	4,571	419	143	1,360	338	964	58	477	61
20 to 24 years .....	615	540	64	11	257	60	185	11	111	18
25 years and over .....	4,518	4,031	355	132	1,104	278	779	47	366	43
25 to 54 years .....	4,080	3,636	330	114	939	236	665	38	345	31
55 years and over .....	438	395	25	18	164	41	114	9	21	12

<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 also are 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.

<sup>3</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as

the main race. For more information, see the "Explanatory Notes and Estimates of Error" section of this publication.

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2003, data reflect revised population controls used in the household survey.

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

**A-19. 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	
	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
Total .....	136,559	137,567	73,230	73,131	70,104	70,338	63,328	64,436	60,334	61,507
Management, professional, and related occupations .....	47,136	48,041	23,633	23,768	23,450	23,646	23,503	24,273	23,298	24,075
Management, business, and financial operations occupations .....	19,814	20,067	11,658	11,623	11,606	11,602	8,156	8,443	8,114	8,418
Management occupations .....	14,528	14,677	9,299	9,223	9,255	9,204	5,229	5,454	5,200	5,438
Business and financial operations occupations .....	5,286	5,390	2,359	2,400	2,351	2,398	2,928	2,989	2,914	2,980
Professional and related occupations .....	27,322	27,974	11,976	12,144	11,845	12,044	15,346	15,830	15,184	15,657
Computer and mathematical occupations .....	3,033	3,022	2,160	2,197	2,147	2,183	872	825	864	818
Architecture and engineering occupations .....	2,735	2,599	2,408	2,270	2,394	2,262	327	329	324	329
Life, physical, and social science occupations .....	1,236	1,363	690	754	687	754	546	609	538	601
Community and social services occupations .....	2,179	2,278	828	932	818	929	1,351	1,345	1,340	1,340
Legal occupations .....	1,473	1,556	798	849	798	849	675	708	666	701
Education, training, and library occupations .....	7,793	7,892	2,082	2,036	2,053	2,005	5,711	5,856	5,637	5,766
Arts, design, entertainment, sports, and media occupations .....	2,646	2,728	1,408	1,383	1,352	1,350	1,238	1,344	1,216	1,308
Healthcare practitioner and technical occupations .....	6,226	6,536	1,602	1,722	1,597	1,712	4,624	4,814	4,598	4,794
Service occupations .....	21,948	22,678	9,626	9,804	8,555	8,713	12,322	12,874	11,142	11,623
Healthcare support occupations .....	2,700	2,859	304	288	269	257	2,396	2,570	2,331	2,480
Protective service occupations .....	2,612	2,648	2,075	2,160	2,047	2,120	537	489	507	452
Food preparation and serving related occupations .....	7,061	7,646	3,121	3,342	2,437	2,650	3,941	4,304	3,146	3,515
Building and grounds cleaning and maintenance occupations .....	5,169	5,262	3,235	3,098	2,995	2,896	1,934	2,164	1,869	2,092
Personal care and service occupations .....	4,405	4,263	891	916	807	791	3,515	3,347	3,289	3,084
Sales and office occupations .....	35,370	35,115	12,945	12,691	12,060	11,955	22,425	22,424	21,003	21,137
Sales and related occupations .....	15,917	15,721	8,260	8,069	7,694	7,621	7,657	7,651	6,699	6,801
Office and administrative support occupations .....	19,453	19,394	4,685	4,621	4,366	4,334	14,768	14,773	14,303	14,336
Natural resources, construction, and maintenance occupations .....	13,326	13,862	12,647	13,239	12,236	12,823	678	624	639	594
Farming, fishing, and forestry occupations .....	1,082	968	793	757	692	680	289	211	261	192
Construction and extraction occupations .....	7,763	7,967	7,561	7,768	7,327	7,534	202	199	195	194
Installation, maintenance, and repair occupations .....	4,481	4,928	4,294	4,714	4,216	4,609	187	214	182	208
Production, transportation, and material moving occupations .....	18,779	17,871	14,379	13,631	13,802	13,201	4,400	4,240	4,253	4,079
Production occupations .....	10,142	9,644	6,928	6,621	6,751	6,507	3,214	3,023	3,136	2,938
Transportation and material moving occupations .....	8,637	8,228	7,451	7,010	7,051	6,694	1,186	1,218	1,116	1,140

NOTE: Occupations reflect the introduction of the 2002 Census occupational classification system derived from the 2000 Standard Occupational Classification

system into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

**A-20. Employed persons by occupation, race, Hispanic or Latino ethnicity, and sex**

(Percent distribution)

Occupation, race, and Hispanic or Latino ethnicity	Total		Men		Women	
	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	136,559	137,567	73,230	73,131	63,328	64,436
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations .....	34.5	34.9	32.3	32.5	37.1	37.7
Management, business, and financial operations occupations .....	14.5	14.6	15.9	15.9	12.9	13.1
Professional and related occupations .....	20.0	20.3	16.4	16.6	24.2	24.6
Service occupations .....	16.1	16.5	13.1	13.4	19.5	20.0
Sales and office occupations .....	25.9	25.5	17.7	17.4	35.4	34.8
Sales and related occupations .....	11.7	11.4	11.3	11.0	12.1	11.9
Office and administrative support occupations .....	14.2	14.1	6.4	6.3	23.3	22.9
Natural resources, construction, and maintenance occupations .....	9.8	10.1	17.3	18.1	1.1	1.0
Farming, fishing, and forestry occupations .....	.8	.7	1.1	1.0	.5	.3
Construction and extraction occupations .....	5.7	5.8	10.3	10.6	.3	.3
Installation, maintenance, and repair occupations .....	3.3	3.6	5.9	6.4	.3	.3
Production, transportation, and material moving occupations .....	13.8	13.0	19.6	18.6	6.9	6.6
Production occupations .....	7.4	7.0	9.5	9.1	5.1	4.7
Transportation and material moving occupations .....	6.3	6.0	10.2	9.6	1.9	1.9
<b>White<sup>1</sup></b>						
Total, 16 years and over (thousands) .....	114,132	114,016	62,091	61,726	52,041	52,290
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations .....	35.5	35.5	33.3	32.9	38.0	38.6
Management, business, and financial operations occupations .....	15.4	15.3	17.0	16.7	13.4	13.6
Professional and related occupations .....	20.1	20.3	16.3	16.2	24.7	25.0
Service occupations .....	15.0	15.4	12.1	12.5	18.3	18.9
Sales and office occupations .....	26.0	25.6	17.5	17.3	36.2	35.5
Sales and related occupations .....	12.0	11.7	11.5	11.3	12.6	12.1
Office and administrative support occupations .....	14.0	14.0	6.0	6.0	23.6	23.4
Natural resources, construction, and maintenance occupations .....	10.4	10.9	18.3	19.2	1.1	1.1
Farming, fishing, and forestry occupations .....	.9	.8	1.2	1.1	.5	.4
Construction and extraction occupations .....	6.1	6.3	11.0	11.4	.4	.4
Installation, maintenance, and repair occupations .....	3.5	3.8	6.1	6.7	.3	.3
Production, transportation, and material moving occupations .....	13.1	12.5	18.8	18.0	6.3	6.0
Production occupations .....	7.1	6.7	9.3	8.9	4.5	4.2
Transportation and material moving occupations .....	6.0	5.8	9.5	9.1	1.7	1.8
<b>Black or African American<sup>1</sup></b>						
Total, 16 years and over (thousands) .....	14,925	14,817	7,069	6,737	7,856	8,080
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations .....	25.2	27.3	19.0	22.4	30.7	31.4
Management, business, and financial operations occupations .....	8.9	9.5	8.1	8.8	9.6	10.1
Professional and related occupations .....	16.3	17.8	10.9	13.6	21.1	21.4
Service occupations .....	23.6	23.7	20.6	20.5	26.3	26.4
Sales and office occupations .....	25.6	26.2	18.4	18.3	32.0	32.7
Sales and related occupations .....	9.0	10.0	8.9	8.8	9.1	11.1
Office and administrative support occupations .....	16.6	16.1	9.5	9.5	22.9	21.6
Natural resources, construction, and maintenance occupations .....	6.7	5.9	13.3	12.4	.8	.5
Farming, fishing, and forestry occupations .....	.5	.2	.7	.3	.3	.1
Construction and extraction occupations .....	3.6	3.3	7.4	7.2	.2	—
Installation, maintenance, and repair occupations .....	2.6	2.4	5.2	4.9	.3	.4
Production, transportation, and material moving occupations .....	18.9	16.9	28.7	26.5	10.2	8.9
Production occupations .....	9.2	8.2	11.3	10.5	7.4	6.3
Transportation and material moving occupations .....	9.7	8.7	17.4	16.0	2.8	2.7

See footnotes at end of table.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-20. Employed persons by occupation, race, Hispanic or Latino ethnicity, and sex — Continued**

(Percent distribution)

Occupation, race, and Hispanic or Latino ethnicity	Total		Men		Women	
	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
<b>Asian<sup>1</sup></b>						
Total, 16 years and over (thousands) .....	6,122	5,768	3,298	3,101	2,824	2,668
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations .....	41.7	45.0	44.5	48.1	38.3	41.3
Management, business, and financial operations occupations .....	13.0	14.2	13.0	15.3	13.1	12.9
Professional and related occupations .....	28.6	30.8	31.5	32.9	25.3	28.4
Service occupations .....	16.1	17.1	13.5	13.9	19.3	20.9
Sales and office occupations .....	25.7	21.6	20.4	17.4	31.8	26.5
Sales and related occupations .....	12.0	10.9	12.8	11.4	11.0	10.3
Office and administrative support occupations .....	13.7	10.7	7.6	6.0	20.8	16.2
Natural resources, construction, and maintenance occupations .....	3.7	3.6	6.1	6.4	.9	.3
Farming, fishing, and forestry occupations .....	.4	.4	.2	.5	.5	.3
Construction and extraction occupations .....	1.8	1.3	3.3	2.5	—	—
Installation, maintenance, and repair occupations .....	1.6	1.8	2.6	3.4	.4	—
Production, transportation, and material moving occupations .....	12.8	12.7	15.5	14.3	9.7	10.9
Production occupations .....	8.6	9.1	8.9	8.5	8.3	9.8
Transportation and material moving occupations .....	4.2	3.6	6.6	5.7	1.4	1.1
<b>Hispanic or Latino ethnicity</b>						
Total, 16 years and over (thousands) .....	16,605	17,288	9,917	10,415	6,688	6,873
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations .....	17.3	16.6	13.4	13.6	23.0	21.1
Management, business, and financial operations occupations .....	7.1	6.8	6.7	7.0	7.5	6.7
Professional and related occupations .....	10.2	9.8	6.7	6.7	15.4	14.5
Service occupations .....	24.5	25.8	21.7	22.3	28.6	31.0
Sales and office occupations .....	21.3	21.2	13.6	13.6	32.7	32.8
Sales and related occupations .....	9.8	9.3	7.7	7.6	13.0	11.9
Office and administrative support occupations .....	11.5	11.9	5.9	6.0	19.8	20.8
Natural resources, construction, and maintenance occupations .....	16.3	17.1	25.7	26.7	2.2	2.5
Farming, fishing, and forestry occupations .....	2.7	2.2	3.3	2.7	1.8	1.3
Construction and extraction occupations .....	10.4	10.9	17.2	17.8	.3	.5
Installation, maintenance, and repair occupations .....	3.2	4.0	5.2	6.2	.1	.8
Production, transportation, and material moving occupations .....	20.7	19.4	25.5	23.8	13.5	12.6
Production occupations .....	12.0	11.1	13.1	12.2	10.3	9.3
Transportation and material moving occupations .....	8.7	8.3	12.4	11.6	3.3	3.3

<sup>1</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as the main race. For more information, see the "Explanatory Notes and Estimates of Error" section of this publication.

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented

for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Occupations reflect the introduction of the 2002 Census occupation classification system derived from the 2000 Standard Occupational Classification system into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

**A-21. Employed persons by industry and occupation**

(In thousands)

Industry	May 2003											
	Total employed	Management, professional, and related occupations		Service occupations		Sales and office occupations		Natural resources, construction, and maintenance occupations			Production, transportation, and material moving occupations	
		Management, business, and financial operations occupations	Professional and related occupations	Protective service occupations	Service occupations, except protective	Sales and related occupations	Office and administrative support occupations	Farming, fishing, and forestry occupations	Construction and extraction occupations	Installation, maintenance, and repair occupations	Production occupations	Transportation and material moving occupations
Agriculture, forestry, fishing, and hunting .....	2,221	1,049	25	9	101	1	118	785	10	28	42	53
Mining .....	499	88	46	-	1	6	53	-	152	49	26	77
Construction .....	9,955	1,408	192	7	23	80	624	2	6,596	471	149	403
Manufacturing .....	16,847	2,591	2,191	50	206	635	1,667	58	340	736	7,084	1,291
Durable goods .....	10,418	1,698	1,592	36	93	295	1,020	2	285	450	4,358	588
Nondurable goods .....	6,429	892	599	14	113	340	647	55	55	286	2,726	703
Wholesale and retail trade .....	20,196	1,516	927	71	555	10,294	3,161	76	138	857	622	1,978
Wholesale trade .....	4,192	555	137	8	41	1,674	680	33	41	113	150	762
Retail trade .....	16,003	961	790	63	515	8,620	2,481	44	97	745	472	1,217
Transportation and utilities .....	6,902	614	294	50	235	99	1,807	4	184	528	297	2,788
Information .....	3,690	748	1,060	1	81	451	772	-	24	350	117	86
Financial activities .....	9,507	3,310	570	45	333	2,327	2,535	2	79	140	54	113
Professional and business services .....	14,270	3,215	4,262	492	2,150	532	2,413	16	169	237	320	464
Education and health services .....	28,308	2,307	15,274	142	5,956	123	3,632	-	87	176	260	352
Leisure and hospitality .....	12,189	1,493	778	159	7,878	780	594	2	37	109	142	218
Other services .....	6,742	561	927	20	2,275	360	653	-	26	1,127	474	318
Other services, except private households .....	6,010	555	927	20	1,572	360	643	-	26	1,125	474	307
Private households .....	732	5	-	-	704	-	10	-	-	2	-	11
Public administration .....	6,240	1,168	1,427	1,601	236	32	1,366	22	125	121	57	86

NOTE: Industries and occupations reflect the introduction of the 2002 Census industry and occupational classification systems derived from the 2002 North American Industry Classification System and the 2000 Standard Occupational

Classification system into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-22. Employed persons in agriculture and related and in nonagricultural industries by age, sex, and class of worker**

(In thousands)

Age and sex	May 2003									
	Agriculture and related industries			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 .....	1,222	978	22	126,138	106,428	732	105,696	19,711	9,088	119
16 to 19 years .....	80	8	11	5,533	5,318	67	5,251	215	79	11
16 to 17 years .....	42	2	5	2,078	2,035	45	1,990	43	47	5
18 to 19 years .....	39	6	6	3,455	3,283	23	3,261	172	31	6
20 to 24 years .....	151	14	—	12,944	11,879	98	11,781	1,065	197	4
25 to 34 years .....	263	102	2	28,553	24,918	120	24,798	3,635	1,511	28
35 to 44 years .....	291	163	—	32,006	26,987	156	26,831	5,019	2,500	35
45 to 54 years .....	239	228	4	28,948	22,921	147	22,774	6,027	2,492	31
55 to 64 years .....	114	238	—	14,451	11,293	102	11,190	3,158	1,684	9
65 years and over .....	84	223	4	3,703	3,112	41	3,071	592	626	1
Men, 16 years and over .....	897	724	10	65,897	57,526	52	57,475	8,371	5,578	26
16 to 19 years .....	62	4	5	2,660	2,557	8	2,549	103	59	4
16 to 17 years .....	29	2	—	960	935	3	932	26	36	1
18 to 19 years .....	33	1	4	1,699	1,622	5	1,617	77	23	3
20 to 24 years .....	117	9	—	6,751	6,291	6	6,284	461	140	2
25 to 34 years .....	200	72	2	15,488	13,878	7	13,871	1,609	940	10
35 to 44 years .....	212	114	—	16,960	14,886	13	14,873	2,074	1,443	5
45 to 54 years .....	172	166	—	14,745	12,305	7	12,298	2,440	1,542	3
55 to 64 years .....	77	176	—	7,331	5,957	10	5,947	1,373	1,065	2
65 years and over .....	57	184	2	1,963	1,652	—	1,652	311	389	—
Women, 16 years and over .....	325	254	12	60,241	48,901	681	48,221	11,340	3,510	94
16 to 19 years .....	18	5	6	2,873	2,761	60	2,701	112	20	7
16 to 17 years .....	13	—	4	1,118	1,100	42	1,058	18	12	3
18 to 19 years .....	5	5	2	1,756	1,661	17	1,644	95	8	3
20 to 24 years .....	34	5	—	6,193	5,588	92	5,497	605	57	2
25 to 34 years .....	63	30	—	13,065	11,040	113	10,927	2,026	571	18
35 to 44 years .....	80	50	—	15,046	12,101	144	11,958	2,945	1,057	30
45 to 54 years .....	68	62	4	14,203	10,616	140	10,477	3,587	950	28
55 to 64 years .....	37	63	—	7,120	5,335	92	5,243	1,785	619	7
65 years and over .....	26	40	2	1,740	1,460	41	1,419	280	236	1

NOTE: Industries reflect the introduction of the 2002 Census industry classification system derived from the 2002 North American Industry

Classification System into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

**A-23. Persons at work in agriculture and related and in nonagricultural industries by hours of work**

Hours of work	May 2003					
	Thousands of persons			Percent distribution		
	All industries	Agriculture and related industries	Nonagricultural industries	All industries	Agriculture and related industries	Nonagricultural industries
Total, 16 years and over .....	133,386	2,137	131,249	100.0	100.0	100.0
1 to 34 hours .....	30,811	576	30,235	23.1	26.9	23.0
1 to 4 hours .....	1,138	43	1,096	.9	2.0	.8
5 to 14 hours .....	4,943	130	4,813	3.7	6.1	3.7
15 to 29 hours .....	15,439	255	15,184	11.6	11.9	11.6
30 to 34 hours .....	9,291	148	9,144	7.0	6.9	7.0
35 hours and over .....	102,575	1,561	101,014	76.9	73.1	77.0
35 to 39 hours .....	9,155	107	9,048	6.9	5.0	6.9
40 hours .....	56,209	523	55,686	42.1	24.5	42.4
41 hours and over .....	37,211	932	36,280	27.9	43.6	27.6
41 to 48 hours .....	12,971	145	12,826	9.7	6.8	9.8
49 to 59 hours .....	14,029	272	13,757	10.5	12.7	10.5
60 hours and over .....	10,212	515	9,697	7.7	24.1	7.4
Average hours, total at work .....	39.2	43.7	39.2	-	-	-
Average hours, persons who usually work full time .....	43.1	49.9	43.0	-	-	-

NOTE: Industries reflect the introduction of the 2002 Census industry classification system derived from the 2002 North American Industry

Classification System into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

**A-24. Persons at work 1 to 34 hours in all and in 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	May 2003					
	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 .....	30,811	8,544	22,267	30,235	8,387	21,849
Economic reasons .....	4,409	1,505	2,904	4,298	1,453	2,845
Slack work or business conditions .....	2,915	1,263	1,651	2,849	1,224	1,625
Could only find part-time work .....	1,218	-	1,218	1,189	-	1,189
Seasonal work .....	106	72	35	91	60	31
Job started or ended during week .....	170	170	-	169	169	-
Noneconomic reasons .....	26,402	7,039	19,363	25,938	6,934	19,004
Child-care problems .....	773	72	701	772	72	700
Other family or personal obligations .....	6,102	794	5,308	6,001	783	5,217
Health or medical limitations .....	764	-	764	753	-	753
In school or training .....	5,963	107	5,857	5,902	106	5,796
Retired or Social Security limit on earnings .....	2,012	-	2,012	1,897	-	1,897
Vacation or personal day .....	3,404	3,404	-	3,379	3,379	-
Holiday, legal or religious .....	47	47	-	47	47	-
Weather-related curtailment .....	385	385	-	348	348	-
All other reasons .....	6,952	2,231	4,722	6,838	2,199	4,639
Average hours:						
Economic reasons .....	23.3	24.1	23.0	23.4	24.2	22.9
Other reasons .....	21.3	25.2	19.9	21.3	25.3	19.9

NOTE: Industries reflect the introduction of the 2002 Census industry classification system derived from the 2002 North American Industry

Classification System into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

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

**A-25. 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	May 2003							
	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 .....	131,249	30,235	4,298	6,934	19,004	101,014	39.2	43.0
Wage and salary workers .....	122,499	27,335	3,826	6,390	17,118	95,165	39.2	42.8
Mining .....	461	34	3	18	13	426	46.2	47.0
Construction .....	8,031	1,325	369	575	381	6,706	40.7	42.3
Manufacturing .....	16,107	1,724	369	850	505	14,383	42.1	42.9
Durable goods .....	9,981	1,002	186	555	261	8,979	42.4	43.0
Nondurable goods .....	6,126	722	182	296	244	5,404	41.7	42.7
Wholesale and retail trade .....	18,398	4,808	656	728	3,424	13,589	38.4	43.2
Transportation and utilities .....	6,352	916	196	305	415	5,436	42.1	44.1
Information .....	3,456	600	77	196	327	2,855	40.6	43.2
Financial activities .....	8,636	1,529	146	522	861	7,107	40.5	42.9
Professional and business services .....	12,100	2,431	414	632	1,385	9,669	40.3	43.5
Education and health services .....	26,368	6,937	593	1,430	4,913	19,432	37.7	42.1
Leisure and hospitality .....	11,118	4,590	759	413	3,419	6,528	34.4	42.5
Other services .....	5,424	1,613	192	248	1,173	3,811	37.0	42.9
Other services, except private households .....	4,725	1,210	135	215	860	3,515	38.4	43.2
Private households .....	699	403	56	34	313	296	27.9	39.9
Public administration .....	6,050	828	53	473	302	5,222	40.8	42.0
Self-employed workers .....	8,631	2,826	452	544	1,830	5,805	38.8	45.3
Unpaid family workers .....	119	75	19	—	56	44	30.9	( <sup>1</sup> )

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

NOTE: Industries reflect the introduction of the 2002 Census industry classification system derived from the 2002 North American Industry

Classification System into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.



**A-26. Persons at work in nonagricultural industries by age, sex, race, Hispanic or Latino ethnicity, marital status, and usual full- or part-time status**

(Numbers in thousands)

Age, sex, race, Hispanic or Latino ethnicity, and marital status	May 2003							
	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 .....	131,249	30,235	4,298	6,934	19,004	101,014	39.2	43.0
16 to 19 years .....	5,449	4,044	276	170	3,598	1,405	23.3	38.6
16 to 17 years .....	2,062	1,922	42	23	1,857	140	16.5	37.0
18 to 19 years .....	3,388	2,122	234	147	1,741	1,266	27.4	38.8
20 years and over .....	125,800	26,192	4,022	6,764	15,406	99,608	39.9	43.0
20 to 24 years .....	12,764	4,237	776	659	2,802	8,527	35.9	41.1
25 years and over .....	113,036	21,954	3,246	6,105	12,603	91,081	40.3	43.2
25 to 54 years .....	93,428	16,397	2,703	5,023	8,671	77,031	40.8	43.3
55 years and over .....	19,608	5,557	543	1,082	3,933	14,050	37.8	42.9
<b>Men, 16 years and over</b> .....	69,633	11,343	2,232	3,445	5,666	58,290	41.8	44.3
16 to 19 years .....	2,643	1,846	133	91	1,622	797	24.5	39.0
16 to 17 years .....	957	877	17	10	849	81	16.9	37.0
18 to 19 years .....	1,685	969	116	80	772	716	28.7	39.2
20 years and over .....	66,990	9,497	2,098	3,354	4,045	57,493	42.5	44.4
20 to 24 years .....	6,724	1,824	443	298	1,083	4,900	37.7	41.9
25 years and over .....	60,266	7,674	1,656	3,056	2,962	52,593	43.1	44.6
25 to 54 years .....	49,942	5,362	1,379	2,532	1,452	44,579	43.6	44.6
55 years and over .....	10,325	2,312	277	525	1,510	8,013	40.4	44.4
<b>Women, 16 years and over</b> .....	61,617	18,893	2,066	3,489	13,337	42,724	36.2	41.2
16 to 19 years .....	2,807	2,198	142	79	1,976	609	22.1	38.1
16 to 17 years .....	1,105	1,045	25	13	1,007	59	16.2	( <sup>1</sup> )
18 to 19 years .....	1,702	1,153	117	67	969	549	26.0	38.2
20 years and over .....	58,810	16,694	1,923	3,410	11,361	42,116	36.8	41.2
20 to 24 years .....	6,041	2,414	333	362	1,720	3,627	33.8	40.1
25 years and over .....	52,769	14,281	1,591	3,048	9,642	38,489	37.2	41.4
25 to 54 years .....	43,486	11,035	1,325	2,491	7,219	32,452	37.7	41.4
55 years and over .....	9,283	3,246	266	557	2,423	6,037	34.9	41.0
<b>Race and Hispanic or Latino ethnicity</b>								
White, 16 years and over <sup>2</sup> .....	108,577	25,448	3,399	5,790	16,259	83,130	39.2	43.2
Men .....	58,657	9,517	1,764	2,977	4,776	49,140	42.0	44.4
Women .....	49,921	15,931	1,635	2,813	11,483	33,990	35.9	41.3
Black or African American, 16 years and over <sup>2</sup> .....	14,285	2,864	594	719	1,551	11,421	38.7	41.5
Men .....	6,500	1,068	297	247	524	5,431	40.4	42.9
Women .....	7,785	1,796	297	472	1,027	5,990	37.3	40.3
Asian, 16 years and over <sup>2</sup> .....	5,595	1,169	161	239	769	4,426	39.7	43.2
Men .....	3,007	425	83	117	225	2,581	42.0	44.2
Women .....	2,588	744	78	122	544	1,845	37.0	41.8
Hispanic or Latino, 16 years and over .....	16,479	3,365	984	746	1,635	13,114	38.7	41.4
Men .....	9,902	1,468	526	431	511	8,434	40.6	42.2
Women .....	6,577	1,897	459	314	1,124	4,680	36.0	40.1
<b>Marital status</b>								
Men, 16 years and over:								
Married, spouse present .....	42,329	4,897	916	2,101	1,880	37,432	43.6	45.0
Widowed, divorced, or separated .....	8,421	1,297	315	454	528	7,124	42.1	44.0
Never married .....	18,883	5,150	1,001	889	3,259	13,733	37.7	42.4
Women, 16 years and over:								
Married, spouse present .....	32,764	9,977	810	1,833	7,334	22,788	36.2	41.0
Widowed, divorced, or separated .....	12,832	3,166	550	797	1,819	9,666	38.1	41.7
Never married .....	16,021	5,750	706	860	4,184	10,271	34.6	41.2

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

<sup>2</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as the main race. For more information, see the "Explanatory Notes and Estimates of Error" section of this publication.

NOTE: Estimates for the above race groups (white, black or African American,

and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Nonagricultural industries reflect the introduction of the 2002 Census industry classification system derived from the 2002 North American Industry Classification System into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

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

**A-27. Persons at work by occupation, sex, and usual full- or part-time status**

(Numbers in thousands)

Occupation and sex	May 2003							
	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 .....	133,386	30,811	4,409	7,039	19,363	102,575	39.2	43.1
Management, professional, and related occupations .....	46,595	8,387	659	2,547	5,181	38,208	41.6	44.5
Management, business, and financial operations occupations .....	19,483	2,566	212	1,048	1,306	16,917	44.1	46.0
Professional and related occupations .....	27,112	5,820	447	1,499	3,874	21,291	39.7	43.3
Service occupations .....	21,961	8,103	1,287	978	5,837	13,858	35.1	42.0
Sales and office occupations .....	34,018	9,020	1,018	1,732	6,271	24,997	37.6	42.1
Sales and related occupations .....	15,220	4,248	554	639	3,055	10,972	38.7	44.1
Office and administrative support occupations .....	18,798	4,772	463	1,094	3,216	14,025	36.7	40.6
Natural resources, construction, and maintenance occupations <sup>1</sup> .....	13,394	2,254	672	937	645	11,140	40.6	42.1
Construction and extraction occupations .....	7,682	1,478	494	615	370	6,204	39.8	41.3
Installation, maintenance, and repair occupations .....	4,772	546	118	259	169	4,227	41.9	43.0
Production, transportation, and material moving occupations .....	17,419	3,048	773	845	1,430	14,371	40.5	42.8
Production occupations .....	9,430	1,380	376	511	493	8,050	40.4	41.8
Transportation and material moving occupations .....	7,989	1,668	398	334	937	6,321	40.7	44.2
Men, 16 years and over .....	71,218	11,657	2,307	3,524	5,826	59,561	42.0	44.4
Management, professional, and related occupations .....	23,237	2,775	308	1,127	1,340	20,463	44.7	46.5
Management, business, and financial operations occupations .....	11,356	1,125	137	514	474	10,230	46.6	47.9
Professional and related occupations .....	11,882	1,649	171	613	866	10,232	43.0	45.1
Service occupations .....	9,539	2,569	545	356	1,668	6,970	38.1	43.3
Sales and office occupations .....	12,342	2,269	323	536	1,410	10,074	41.2	44.5
Sales and related occupations .....	7,848	1,386	178	311	897	6,462	42.6	45.9
Office and administrative support occupations .....	4,494	882	145	225	513	3,612	38.8	41.9
Natural resources, construction, and maintenance occupations <sup>1</sup> .....	12,811	2,086	642	887	557	10,725	40.8	42.2
Construction and extraction occupations .....	7,509	1,420	485	596	339	6,089	39.9	41.4
Installation, maintenance, and repair occupations .....	4,564	501	111	238	152	4,063	42.1	43.1
Production, transportation, and material moving occupations .....	13,287	1,957	489	618	850	11,330	41.7	43.6
Production occupations .....	6,477	756	210	345	201	5,720	41.6	42.5
Transportation and material moving occupations .....	6,810	1,201	280	272	649	5,610	41.8	44.7
Women, 16 years and over .....	62,169	19,155	2,101	3,515	13,538	43,014	36.1	41.2
Management, professional, and related occupations .....	23,357	5,612	351	1,420	3,841	17,746	38.4	42.2
Management, business, and financial operations occupations .....	8,127	1,441	75	534	832	6,687	40.7	43.2
Professional and related occupations .....	15,230	4,171	276	886	3,009	11,059	37.2	41.6
Service occupations .....	12,422	5,533	742	622	4,169	6,889	32.7	40.6
Sales and office occupations .....	21,675	6,752	695	1,196	4,861	14,924	35.5	40.5
Sales and related occupations .....	7,372	2,862	376	328	2,158	4,511	34.5	41.6
Office and administrative support occupations .....	14,303	3,890	318	869	2,703	10,413	36.1	40.1
Natural resources, construction, and maintenance occupations <sup>1</sup> .....	582	167	29	50	88	415	36.6	40.4
Construction and extraction occupations .....	174	58	9	19	30	115	35.2	39.8
Installation, maintenance, and repair occupations .....	209	45	7	20	17	164	37.9	40.2
Production, transportation, and material moving occupations .....	4,132	1,090	284	227	579	3,041	36.9	40.3
Production occupations .....	2,953	623	166	166	292	2,330	37.8	40.2
Transportation and material moving occupations .....	1,179	467	118	61	288	711	34.6	40.4

<sup>1</sup> Includes farming, fishing, and forestry occupations, not shown separately.

NOTE: Occupations reflect the introduction of the 2002 Census occupational classification system derived from the 2000 Standard Occupational

Classification system into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

**A-28. Unemployed persons by marital status, race, Hispanic or Latino ethnicity, age, and sex**

Marital status, race, Hispanic or Latino ethnicity, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
Total, 16 years and over .....	4,255	4,739	5.5	6.1	3,713	3,761	5.5	5.5
Married, spouse present .....	1,538	1,674	3.4	3.6	1,278	1,236	3.6	3.5
Widowed, divorced, or separated .....	557	634	5.9	6.7	773	816	5.7	5.8
Never married .....	2,161	2,431	9.7	11.0	1,662	1,708	9.2	9.3
White, 16 years and over <sup>1</sup> .....	3,190	3,451	4.9	5.3	2,616	2,668	4.8	4.9
Married, spouse present .....	1,208	1,321	3.0	3.3	1,016	1,013	3.3	3.3
Widowed, divorced, or separated .....	456	464	5.9	6.0	550	591	5.1	5.4
Never married .....	1,526	1,665	8.5	9.5	1,050	1,064	7.8	8.0
Black or African American, 16 years and over <sup>1</sup> .....	773	919	9.9	12.0	875	823	10.0	9.2
Married, spouse present .....	211	200	5.8	5.8	174	125	6.1	4.6
Widowed, divorced, or separated .....	82	130	6.6	10.6	183	159	8.4	6.7
Never married .....	481	590	16.1	19.6	518	539	14.0	14.1
Asian, 16 years and over <sup>1</sup> .....	212	182	6.0	5.5	169	131	5.7	4.7
Married, spouse present .....	103	92	4.9	4.4	75	67	4.3	4.0
Widowed, divorced, or separated .....	10	7	3.0	3.0	26	30	5.2	6.7
Never married .....	100	83	9.2	8.8	68	34	9.0	4.9
Hispanic or Latino, 16 years and over .....	580	771	5.5	6.9	548	607	7.6	8.1
Married, spouse present .....	209	311	3.8	5.2	198	214	5.6	5.8
Widowed, divorced, or separated .....	77	75	5.9	5.3	110	136	7.4	8.8
Never married .....	294	385	8.1	10.3	240	257	11.0	11.4
Total, 25 years and over .....	2,852	3,168	4.3	4.8	2,549	2,494	4.5	4.3
Married, spouse present .....	1,455	1,599	3.3	3.5	1,175	1,113	3.5	3.2
Widowed, divorced, or separated .....	535	620	5.8	6.7	741	781	5.6	5.6
Never married .....	862	949	7.1	7.8	634	601	6.8	6.3
White, 25 years and over <sup>1</sup> .....	2,168	2,348	3.9	4.2	1,781	1,781	3.9	3.8
Married, spouse present .....	1,137	1,267	2.9	3.3	931	902	3.2	3.1
Widowed, divorced, or separated .....	438	451	5.9	5.9	531	564	5.1	5.2
Never married .....	592	630	6.2	6.8	320	315	5.0	5.0
Black or African American, 25 years and over <sup>1</sup> .....	470	560	7.3	8.8	616	532	8.4	7.1
Married, spouse present .....	203	186	5.8	5.6	164	122	5.9	4.7
Widowed, divorced, or separated .....	78	130	6.3	10.8	170	155	8.1	6.7
Never married .....	189	245	10.9	13.2	281	254	11.5	10.0
Asian, 25 years and over <sup>1</sup> .....	163	127	5.3	4.4	116	102	4.5	4.1
Married, spouse present .....	98	89	4.7	4.3	70	59	4.2	3.6
Widowed, divorced, or separated .....	10	7	3.1	3.0	26	30	5.2	6.9
Never married .....	55	31	8.2	5.3	20	12	5.1	3.1
Hispanic or Latino, 25 years and over .....	373	510	4.5	5.7	361	409	6.2	6.8
Married, spouse present .....	197	282	3.8	5.0	169	177	5.2	5.2
Widowed, divorced, or separated .....	72	67	5.7	5.1	106	136	7.5	9.1
Never married .....	104	161	5.5	8.0	86	96	7.9	8.5

<sup>1</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as the main race. For more information, see the "Explanatory Notes and Estimates of Error" section of this publication.

NOTE: Estimates for the above race groups (white, black or African

American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2003, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-29. Unemployed persons by occupation and sex**

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
Total, 16 years and over <sup>1</sup> .....	7,969	8,500	5.5	5.8	5.5	6.1	5.5	5.5
Management, professional, and related occupations .....	1,523	1,475	3.1	3.0	3.5	3.3	2.8	2.6
Management, business, and financial operations occupations .....	655	612	3.2	3.0	3.1	2.9	3.4	3.1
Management occupations .....	476	417	3.2	2.8	3.0	2.6	3.4	3.0
Business and financial operations occupations .....	178	194	3.3	3.5	3.1	3.9	3.4	3.2
Professional and related occupations .....	868	864	3.1	3.0	3.9	3.8	2.4	2.4
Computer and mathematical occupations .....	182	169	5.7	5.3	6.3	6.0	4.0	3.2
Architecture and engineering occupations .....	137	126	4.8	4.6	5.0	4.1	3.4	8.0
Life, physical, and social science occupations .....	35	28	2.7	2.0	2.3	2.1	3.3	1.8
Community and social services occupations .....	50	59	2.2	2.5	1.9	1.8	2.4	3.0
Legal occupations .....	36	30	2.4	1.9	2.6	1.4	2.2	2.5
Education, training, and library occupations .....	190	201	2.4	2.5	2.5	2.9	2.3	2.3
Arts, design, entertainment, sports, and media occupations .....	171	144	6.1	5.0	6.5	6.2	5.6	3.7
Healthcare practitioner and technical occupations .....	67	108	1.1	1.6	.7	2.0	1.2	1.5
Service occupations .....	1,486	1,583	6.3	6.5	6.3	6.5	6.4	6.5
Healthcare support occupations .....	137	130	4.8	4.4	8.0	4.1	4.4	4.4
Protective service occupations .....	128	156	4.7	5.6	3.9	5.4	7.6	6.2
Food preparation and serving related occupations .....	645	648	8.4	7.8	8.6	7.7	8.2	7.9
Building and grounds cleaning and maintenance occupations .....	318	392	5.8	6.9	5.1	6.7	7.0	7.3
Personal care and service occupations .....	258	257	5.5	5.7	7.7	4.7	5.0	6.0
Sales and office occupations .....	2,063	2,106	5.5	5.7	4.8	5.4	5.9	5.8
Sales and related occupations .....	976	1,009	5.8	6.0	4.4	4.7	7.2	7.4
Office and administrative support occupations .....	1,087	1,096	5.3	5.4	5.5	6.6	5.2	5.0
Natural resources, construction, and maintenance occupations .....	963	1,122	6.7	7.5	6.6	7.1	9.7	15.7
Farming, fishing, and forestry occupations .....	93	140	7.9	12.6	6.3	9.4	12.3	22.4
Construction and extraction occupations .....	639	722	7.6	8.3	7.5	8.1	9.7	17.0
Installation, maintenance, and repair occupations .....	231	260	4.9	5.0	4.9	4.9	5.5	6.4
Production, transportation, and material moving occupations .....	1,432	1,575	7.1	8.1	6.1	7.8	10.2	9.0
Production occupations .....	813	811	7.4	7.8	6.0	7.4	10.3	8.6
Transportation and material moving occupations .....	619	764	6.7	8.5	6.1	8.2	10.2	10.0
No previous work experience .....	491	618	-	-	-	-	-	-
16 to 19 years .....	336	432	-	-	-	-	-	-
20 to 24 years .....	81	107	-	-	-	-	-	-
25 years and over .....	73	79	-	-	-	-	-	-

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

NOTE: Occupations reflect the introduction of the 2002 Census occupational

classification system derived from the 2000 Standard Occupational Classification system into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

## A-30. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	May 2002 <sup>1</sup>	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
Total, 16 years and over .....	7,969	8,500	5.5	5.8	5.5	6.1	5.5	5.5
Nonagricultural private wage and salary workers .....	6,642	7,000	5.9	6.2	5.8	6.4	6.1	5.9
Mining .....	25	40	4.9	7.5	4.7	8.0	5.6	4.6
Construction .....	626	715	7.4	8.4	7.8	8.6	4.5	6.8
Manufacturing .....	1,194	1,150	6.6	6.5	5.8	6.3	8.5	7.0
Durable goods .....	731	755	6.4	6.9	5.5	7.2	9.0	6.2
Nonmetallic mineral products .....	22	31	4.0	5.5	3.8	5.8	4.7	4.0
Primary and fabricated metal products .....	140	126	6.8	6.4	6.9	6.7	6.2	5.3
Machinery manufacturing .....	68	65	4.8	4.7	4.9	5.0	4.3	3.7
Computer and electronic products .....	159	128	9.7	7.5	8.1	7.9	12.6	6.8
Electrical equipment and appliances .....	30	48	4.9	9.0	3.9	5.3	6.4	16.7
Transportation equipment .....	125	146	4.8	6.1	3.7	6.3	8.0	5.5
Wood products .....	30	80	6.0	14.5	5.6	16.2	7.5	8.4
Furniture and fixtures .....	72	57	10.1	9.3	5.0	11.1	21.9	5.6
Miscellaneous manufacturing .....	84	76	7.0	6.2	6.2	6.7	8.3	5.4
Nondurable goods .....	463	395	6.8	5.9	6.3	4.8	7.8	7.9
Food manufacturing .....	90	106	5.6	6.5	4.5	5.2	7.8	9.2
Beverage and tobacco products .....	4	11	1.5	4.6	2.1	1.6	-	13.8
Textile, apparel, and leather .....	149	83	13.5	7.6	13.4	5.0	13.7	9.6
Paper and printing .....	68	76	4.7	5.2	4.3	5.0	5.5	5.7
Petroleum and coal products .....	17	15	8.0	8.0	9.3	9.3	4.3	2.9
Chemicals .....	73	50	6.0	3.6	7.8	3.6	2.5	3.6
Plastic and rubber products .....	62	54	6.6	7.9	5.4	5.5	9.1	13.2
Wholesale and retail trade .....	1,138	1,247	5.8	6.2	4.9	6.0	6.8	6.4
Wholesale trade .....	190	220	4.5	5.3	4.0	5.0	5.6	5.9
Retail trade .....	948	1,027	6.1	6.4	5.3	6.4	7.0	6.5
Transportation and utilities .....	257	260	4.5	4.9	3.9	5.0	6.8	4.4
Transportation and warehousing .....	230	221	4.9	5.1	4.4	5.3	6.7	4.3
Utilities .....	27	38	2.8	4.1	1.3	4.0	7.2	4.7
Information <sup>2</sup> .....	260	251	7.2	6.9	7.3	6.0	7.0	8.0
Publishing, except Internet .....	39	45	4.9	5.4	4.8	2.8	4.9	8.2
Motion picture and sound recording industries .....	63	57	16.4	13.7	17.2	12.4	15.2	15.9
Broadcasting, except Internet .....	42	17	7.2	3.6	6.8	3.6	7.7	3.6
Telecommunications .....	90	122	6.0	7.9	5.1	7.2	7.3	8.7
Internet service providers and data processing services .....	-	8	-	3.1	-	4.1	-	2.0
Other information services .....	19	1	7.5	1.5	11.4	-	.8	3.2
Financial activities .....	340	320	3.8	3.6	3.7	4.0	3.8	3.2
Finance and insurance .....	233	234	3.6	3.6	3.1	4.0	3.8	3.3
Finance .....	151	184	3.6	4.4	3.3	4.7	3.7	4.2
Insurance .....	82	49	3.6	2.2	2.6	2.8	4.1	1.8
Real estate and rental and leasing .....	108	87	4.3	3.5	4.8	4.1	3.8	2.9
Real estate .....	64	60	3.3	3.0	3.6	3.7	3.0	2.3
Rental and leasing services .....	44	27	7.9	5.8	8.1	5.4	7.5	7.0
Professional and business services .....	983	1,105	7.7	8.4	6.9	7.8	8.7	9.2
Professional and technical services .....	456	444	6.1	6.0	6.2	5.6	6.0	6.5
Management, administrative, and waste services <sup>2</sup> .....	527	662	10.0	11.5	7.9	10.4	12.9	13.0
Administrative and support services .....	513	647	10.5	12.0	8.4	11.1	13.3	13.3
Waste management and remediation services .....	12	14	3.4	4.1	4.3	3.4	-	6.3
Education and health services .....	533	618	3.2	3.5	2.7	4.1	3.4	3.3
Educational services .....	120	170	3.9	5.3	4.1	6.3	3.9	4.8
Health care and social assistance .....	413	448	3.1	3.1	2.2	3.4	3.3	3.0
Hospitals .....	67	86	1.4	1.7	2.3	2.1	1.2	1.6
Health services, except hospitals .....	233	235	3.4	3.2	1.5	3.1	3.9	3.2
Social assistance .....	113	127	6.2	6.2	5.6	8.4	6.2	5.7

See footnotes at end of table.

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

**A-30. Unemployed persons by industry and sex — Continued**

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	May 2002 <sup>1</sup>	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
Leisure and hospitality .....	1,022	955	8.6	7.9	8.3	7.2	8.9	8.6
Arts, entertainment, and recreation .....	171	124	7.5	5.9	7.6	4.5	7.4	7.4
Accommodation and food services .....	852	831	8.9	8.4	8.6	7.8	9.2	8.8
Accommodation .....	112	132	7.1	7.8	7.2	6.8	7.0	8.4
Food services and drinking places .....	739	699	9.2	8.5	8.8	8.0	9.6	8.9
Other services .....	264	339	4.6	5.7	4.8	5.2	4.4	6.2
Other services, except private households .....	210	246	4.2	4.8	4.8	4.7	3.6	5.0
Repair and maintenance .....	100	96	6.7	5.9	6.3	5.6	9.7	8.5
Personal and laundry services .....	53	85	3.4	5.3	2.4	3.8	3.8	5.9
Membership associations and organizations .....	57	65	3.0	3.5	3.8	3.7	2.3	3.3
Private households .....	54	93	7.2	11.3	5.3	26.1	7.6	9.9
Agricultural and related private wage and salary workers .....	89	133	6.8	10.2	5.5	9.7	10.4	11.5
Government workers .....	484	478	2.3	2.4	2.5	2.6	2.3	2.2
Self-employed and unpaid family workers .....	264	271	2.6	2.6	2.7	2.5	2.4	2.8
No previous work experience .....	491	618	—	—	—	—	—	—

<sup>1</sup> Industry detail will not sum to total because of minor changes in the industry classification system between 2002 and 2003.

<sup>2</sup> Includes other industries, not shown separately.

NOTE: Industries reflect the introduction of the 2002 Census industry

classification system derived from the North American Industry Classification System into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

**A-31. Unemployed persons by reason for unemployment, sex and age**

(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	
	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
<b>NUMBER OF UNEMPLOYED</b>								
Total unemployed .....	7,969	8,500	3,597	4,072	3,165	3,170	1,207	1,257
Job losers and persons who completed temporary jobs .....	4,180	4,589	2,402	2,791	1,626	1,631	151	166
On temporary layoff .....	853	944	540	534	272	347	42	63
Not on temporary layoff .....	3,327	3,645	1,862	2,257	1,355	1,284	110	104
Permanent job losers .....	2,691	2,829	1,508	1,726	1,111	1,039	72	64
Persons who completed temporary jobs .....	636	816	354	531	244	245	38	40
Job leavers .....	813	706	349	317	363	306	101	82
Reentrants .....	2,485	2,587	774	889	1,092	1,121	618	577
New entrants .....	491	618	72	75	83	112	336	432
<b>PERCENT DISTRIBUTION</b>								
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs .....	52.5	54.0	66.8	68.5	51.4	51.4	12.5	13.2
On temporary layoff .....	10.7	11.1	15.0	13.1	8.6	10.9	3.5	5.0
Not on temporary layoff .....	41.7	42.9	51.8	55.4	42.8	40.5	9.1	8.2
Job leavers .....	10.2	8.3	9.7	7.8	11.5	9.7	8.4	6.5
Reentrants .....	31.2	30.4	21.5	21.8	34.5	35.4	51.2	45.9
New entrants .....	6.2	7.3	2.0	1.8	2.6	3.5	27.8	34.3
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>								
Job losers and persons who completed temporary jobs .....	2.9	3.1	3.3	3.8	2.6	2.5	2.1	2.4
Job leavers .....	.6	.5	.5	.4	.6	.5	1.4	1.2
Reentrants .....	1.7	1.8	1.1	1.2	1.7	1.7	8.4	8.3
New entrants .....	.3	.4	.1	.1	.1	.2	4.6	6.2

NOTE: Beginning in January 2003, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-32. Unemployed persons by reason for unemployment, race, and Hispanic or Latino ethnicity**

(Numbers in thousands)

Reason	White <sup>1</sup>		Black or African American <sup>1</sup>		Asian <sup>1</sup>		Hispanic or Latino ethnicity	
	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
<b>NUMBER OF UNEMPLOYED</b>								
Total unemployed .....	5,806	6,119	1,648	1,742	382	313	1,128	1,378
Job losers and persons who completed temporary jobs .....	3,107	3,407	798	838	208	175	534	792
On temporary layoff .....	715	747	99	138	26	32	152	158
Not on temporary layoff .....	2,391	2,660	699	700	183	143	381	634
Permanent job losers .....	1,991	2,116	499	503	157	107	287	447
Persons who completed temporary jobs .....	400	544	200	197	26	36	94	187
Job leavers .....	613	517	156	124	36	38	104	56
Reentrants .....	1,745	1,769	586	659	105	60	392	408
New entrants .....	341	425	108	122	32	40	98	123
<b>PERCENT DISTRIBUTION</b>								
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs .....	53.5	55.7	48.4	48.1	54.6	56.1	47.3	57.5
On temporary layoff .....	12.3	12.2	6.0	7.9	6.7	10.4	13.5	11.4
Not on temporary layoff .....	41.2	43.5	42.4	40.2	47.9	45.7	33.8	46.0
Job leavers .....	10.6	8.5	9.5	7.1	9.5	12.1	9.2	4.1
Reentrants .....	30.1	28.9	35.6	37.8	27.5	19.1	34.8	29.6
New entrants .....	5.9	7.0	6.5	7.0	8.4	12.8	8.7	8.9
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>								
Job losers and persons who completed temporary jobs .....	2.6	2.8	4.8	5.1	3.2	2.9	3.0	4.2
Job leavers .....	.5	.4	.9	.7	.6	.6	.6	.3
Reentrants .....	1.5	1.5	3.5	4.0	1.6	1.0	2.2	2.2
New entrants .....	.3	.4	.6	.7	.5	.7	.6	.7

<sup>1</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as the main race. For more information, see the "Explanatory Notes and Estimates of Error" section of this publication.

NOTE: Estimates for the above race groups (white, black or African

American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2003, data reflect revised population controls used in the household survey.



**A-33. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment**

(Percent distribution)

Reason, sex, and age	May 2003						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over .....	8,500	100.0	35.0	25.4	39.7	17.3	22.4
Job losers and persons who completed temporary jobs .....	4,589	100.0	31.7	25.5	42.8	18.5	24.3
On temporary layoff .....	944	100.0	58.1	21.2	20.8	12.4	8.3
Not on temporary layoff .....	3,645	100.0	24.9	26.6	48.5	20.1	28.4
Permanent job losers .....	2,829	100.0	23.4	25.7	50.9	20.0	30.9
Persons who completed temporary jobs .....	816	100.0	30.1	29.8	40.1	20.2	19.9
Job leavers .....	706	100.0	33.1	26.8	40.1	20.2	19.9
Reentrants .....	2,587	100.0	39.8	24.7	35.5	15.1	20.4
New entrants .....	618	100.0	41.3	25.3	33.4	13.6	19.8
Men, 20 years and over .....	4,072	100.0	29.7	25.7	44.6	18.6	26.0
Job losers and persons who completed temporary jobs .....	2,791	100.0	28.7	26.6	44.7	18.8	25.9
On temporary layoff .....	534	100.0	54.2	22.5	23.3	15.4	7.9
Not on temporary layoff .....	2,257	100.0	22.7	27.6	49.7	19.6	30.1
Permanent job losers .....	1,726	100.0	20.8	26.8	52.5	20.1	32.3
Persons who completed temporary jobs .....	531	100.0	28.9	30.4	40.7	17.9	22.9
Job leavers .....	317	100.0	27.0	21.4	51.6	23.3	28.3
Reentrants .....	889	100.0	33.0	26.1	40.9	15.7	25.1
New entrants .....	75	100.0	38.1	5.4	56.5	23.2	33.3
Women, 20 years and over .....	3,170	100.0	36.9	24.4	38.7	17.3	21.4
Job losers and persons who completed temporary jobs .....	1,631	100.0	34.2	24.2	41.6	18.3	23.4
On temporary layoff .....	347	100.0	60.9	20.4	18.7	8.2	10.4
Not on temporary layoff .....	1,284	100.0	27.0	25.2	47.8	21.0	26.8
Permanent job losers .....	1,039	100.0	25.8	24.1	50.0	20.5	29.5
Persons who completed temporary jobs .....	245	100.0	31.7	29.8	38.5	23.0	15.5
Job leavers .....	306	100.0	40.4	26.5	33.2	19.5	13.7
Reentrants .....	1,121	100.0	39.7	24.0	36.4	15.9	20.4
New entrants .....	112	100.0	40.7	24.6	34.7	10.9	23.8
Both sexes, 16 to 19 years .....	1,257	100.0	47.2	26.7	26.2	12.9	13.2
Job losers and persons who completed temporary jobs .....	166	100.0	58.4	19.4	22.1	15.5	6.6
On temporary layoff .....	63	100.0	(1)	(1)	(1)	(1)	(1)
Not on temporary layoff .....	104	100.0	48.0	22.9	29.1	18.5	10.6
Permanent job losers .....	64	100.0	(1)	(1)	(1)	(1)	(1)
Persons who completed temporary jobs .....	40	100.0	(1)	(1)	(1)	(1)	(1)
Job leavers .....	82	100.0	29.4	48.8	21.8	11.3	10.5
Reentrants .....	577	100.0	50.3	23.9	25.7	12.6	13.2
New entrants .....	432	100.0	42.0	28.9	29.1	12.7	16.4

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

used in the household survey.

NOTE: Beginning in January 2003, data reflect revised population controls

**A-34. 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	
	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
Total, 16 years and over .....	7,969	8,500	100.0	100.0	6,759	7,225	100.0	100.0
Less than 5 weeks .....	2,826	2,974	35.5	35.0	2,172	2,349	32.1	32.5
5 to 14 weeks .....	2,123	2,155	26.6	25.4	1,840	1,846	27.2	25.5
5 to 10 weeks .....	1,422	1,421	17.8	16.7	1,203	1,208	17.8	16.7
11 to 14 weeks .....	700	734	8.8	8.6	637	638	9.4	8.8
15 weeks and over .....	3,020	3,371	37.9	39.7	2,747	3,030	40.6	41.9
15 to 26 weeks .....	1,463	1,467	18.4	17.3	1,315	1,295	19.5	17.9
27 weeks and over .....	1,557	1,905	19.5	22.4	1,432	1,735	21.2	24.0
27 to 51 weeks .....	853	865	10.7	10.2	781	790	11.6	10.9
52 weeks and over .....	704	1,040	8.8	12.2	651	945	9.6	13.1
Average (mean) duration, in weeks .....	17.1	19.6	—	—	18.2	20.6	—	—
Median duration, in weeks .....	9.4	10.0	—	—	10.5	10.8	—	—

NOTE: Beginning in January 2003, data reflect revised population controls

used in the household survey.

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

**A-35. Unemployed persons by age, sex, race, Hispanic or Latino ethnicity, marital status, and duration of unemployment**

Sex, age, race, Hispanic or Latino ethnicity, and marital status	May 2003							Average (mean) duration	Median duration
	Thousands of persons								
	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 .....	8,500	2,974	2,155	3,371	1,467	1,905	19.6	10.0	
16 to 19 years .....	1,257	593	335	329	162	167	12.3	5.5	
20 to 24 years .....	1,581	722	360	499	235	264	15.5	6.2	
25 to 34 years .....	1,836	652	492	692	345	347	17.5	9.7	
35 to 44 years .....	1,714	501	439	774	319	455	22.0	12.3	
45 to 54 years .....	1,239	255	331	653	275	378	26.5	15.8	
55 to 64 years .....	705	195	159	352	103	249	27.6	14.4	
65 years and over .....	168	56	39	72	27	45	24.3	10.5	
<b>Men, 16 years and over .....</b>	<b>4,739</b>	<b>1,487</b>	<b>1,233</b>	<b>2,020</b>	<b>842</b>	<b>1,178</b>	<b>21.1</b>	<b>11.2</b>	
16 to 19 years .....	667	278	185	204	86	118	14.4	7.3	
20 to 24 years .....	905	382	218	304	135	169	16.7	7.5	
25 to 34 years .....	981	322	272	386	176	210	18.8	10.4	
35 to 44 years .....	966	242	244	480	183	297	24.3	14.3	
45 to 54 years .....	716	140	192	384	177	208	26.5	16.1	
55 to 64 years .....	407	96	96	216	69	147	28.2	16.3	
65 years and over .....	98	28	25	46	16	30	28.2	12.9	
<b>Women, 16 years and over .....</b>	<b>3,761</b>	<b>1,487</b>	<b>922</b>	<b>1,352</b>	<b>625</b>	<b>727</b>	<b>17.6</b>	<b>8.5</b>	
16 to 19 years .....	590	316	150	125	76	49	9.9	4.2	
20 to 24 years .....	676	340	142	195	100	95	14.0	4.5	
25 to 34 years .....	855	329	220	306	169	138	16.0	8.7	
35 to 44 years .....	748	259	194	294	136	158	19.0	10.2	
45 to 54 years .....	523	115	139	269	98	170	26.5	15.2	
55 to 64 years .....	298	99	63	136	34	102	26.8	11.9	
65 years and over .....	70	29	15	27	11	16	( <sup>1</sup> )	( <sup>1</sup> )	
<b>Race and Hispanic or Latino ethnicity</b>									
White, 16 years and over <sup>2</sup> .....	6,119	2,278	1,525	2,316	1,047	1,269	18.3	9.3	
Men .....	3,451	1,140	898	1,413	617	796	20.0	10.6	
Women .....	2,668	1,137	627	903	430	473	16.2	7.2	
Black or African American, 16 years and over <sup>2</sup> .....	1,742	472	466	804	329	475	23.2	12.9	
Men .....	919	226	241	452	173	279	24.5	14.2	
Women .....	823	246	225	352	156	196	21.7	11.7	
Asian, 16 years and over <sup>2</sup> .....	313	88	102	123	39	83	21.7	10.0	
Men .....	182	46	59	76	29	47	20.9	10.1	
Women .....	131	42	43	46	10	36	22.8	9.8	
Hispanic or Latino ethnicity, 16 years and over .....	1,378	560	357	461	251	210	15.6	8.4	
Men .....	771	314	215	242	134	108	14.8	8.4	
Women .....	607	246	142	219	117	102	16.5	8.5	
<b>Marital status</b>									
Men, 16 years and over:									
Married, spouse present .....	1,674	475	411	789	326	463	22.9	13.3	
Widowed, divorced, or separated .....	634	179	175	280	108	172	23.9	12.0	
Never married .....	2,431	833	647	951	408	543	19.1	9.9	
Women, 16 years and over:									
Married, spouse present .....	1,236	429	279	528	230	298	20.8	10.9	
Widowed, divorced, or separated .....	816	259	241	316	137	179	20.1	10.5	
Never married .....	1,708	798	402	508	258	250	14.2	5.8	

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

<sup>2</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as the main race. For more information, see the "Explanatory Notes and Estimates of Error" section of this publication.

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2003, data reflect revised population controls used in the household survey.

## A-36. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	May 2003							Average (mean) duration	Median duration
	Thousands of persons					Weeks			
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over					
				Total	15 to 26 weeks	27 weeks and over			
<b>OCCUPATION</b>									
Management, professional, and related occupations .....	1,475	470	333	673	256	416	22.6	12.5	
Management, business, and financial operations occupations .....	612	174	131	306	114	192	23.7	14.6	
Professional and related occupations .....	864	296	202	366	142	224	21.9	10.5	
Service occupations .....	1,583	655	454	474	198	276	15.6	7.4	
Sales and office occupations .....	2,106	779	497	829	384	445	18.9	9.6	
Sales and related occupations .....	1,009	384	251	374	181	193	17.8	8.8	
Office and administrative support occupations .....	1,096	395	246	455	204	251	20.0	10.4	
Natural resources, construction, and maintenance occupations .....	1,122	374	298	450	226	224	18.3	9.9	
Farming, fishing, and forestry occupations .....	140	33	40	66	49	17	18.2	11.8	
Construction and extraction occupations .....	722	270	200	253	133	120	15.6	8.7	
Installation, maintenance, and repair occupations .....	260	71	58	131	44	87	25.7	14.9	
Production, transportation, and material moving occupations ..	1,575	431	415	729	315	414	23.1	13.1	
Production occupations .....	811	185	194	433	171	261	26.6	16.4	
Transportation and material moving occupations .....	764	246	221	297	144	153	19.3	10.6	
<b>INDUSTRY <sup>1</sup></b>									
Agriculture and related industries .....	136	36	44	56	43	12	15.1	9.9	
Mining .....	40	17	7	16	4	12	( <sup>2</sup> )	( <sup>2</sup> )	
Construction .....	723	260	193	269	140	130	16.3	9.4	
Manufacturing .....	1,151	286	252	613	223	390	27.0	16.5	
Durable goods .....	756	170	183	403	134	268	27.6	16.9	
Nondurable goods .....	395	117	68	210	88	122	25.8	16.0	
Wholesale and retail trade .....	1,253	432	349	472	236	235	18.5	9.7	
Transportation and utilities .....	290	73	70	148	66	82	26.1	15.0	
Information .....	264	68	54	142	57	85	26.7	16.5	
Financial activities .....	329	79	63	187	72	115	27.0	17.6	
Professional and business services .....	1,116	383	290	442	183	259	19.8	10.4	
Education and health services .....	841	395	209	238	92	146	15.0	5.6	
Leisure and hospitality .....	1,000	419	267	314	133	180	15.6	6.9	
Other services .....	339	129	96	114	50	63	16.2	9.4	
Public administration .....	109	35	40	33	18	16	13.6	8.9	
No previous work experience .....	618	255	156	207	84	123	17.4	7.2	

<sup>1</sup> Includes wage and salary workers only.<sup>2</sup> Data not shown where base is less than 75,000.

NOTE: Industries and occupations reflect the introduction of the 2002 Census industry and occupational classification systems derived from the 2002 North

American Industry Classification System and the 2000 Standard Occupational Classification system into the Current Population Survey. Beginning in January 2003, data reflect revised population controls used in the household survey.

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

**A-37. Persons not in the labor force by desire and availability for work, age, and sex**

(In thousands)

Category	Total		Age						Sex			
	May 2002	May 2003	16 to 24 years		25 to 54 years		55 years and over		Men		Women	
			May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
Total not in the labor force .....	72,671	74,701	13,217	13,976	20,177	20,985	39,276	39,741	26,908	28,367	45,763	46,334
Do not want a job now <sup>1</sup> .....	67,138	69,220	10,592	11,475	18,077	18,899	38,469	38,845	24,364	25,797	42,774	43,422
Want a job <sup>1</sup> .....	5,533	5,482	2,625	2,501	2,100	2,086	807	895	2,543	2,570	2,989	2,911
Did not search for work in previous year .....	3,041	3,055	1,376	1,311	1,109	1,134	556	610	1,274	1,354	1,767	1,701
Searched for work in previous year <sup>2</sup> .....	2,492	2,427	1,249	1,190	992	951	251	285	1,270	1,216	1,222	1,210
Not available to work now .....	1,025	998	677	689	297	262	51	47	478	461	547	537
Available to work now .....	1,467	1,428	573	501	694	689	200	238	792	755	675	673
Reason not currently looking:												
Discouragement over job prospects <sup>3</sup> .....	414	482	102	102	233	297	78	83	249	310	165	172
Reasons other than discouragement .....	1,054	946	470	399	461	392	122	155	543	446	511	501
Family responsibilities .....	124	119	24	20	81	61	18	37	50	17	73	102
In school or training .....	296	270	250	223	45	45	—	2	130	144	166	126
Ill health or disability .....	133	97	17	13	79	63	37	21	75	54	58	43
Other <sup>4</sup> .....	502	461	179	143	255	223	67	95	288	231	214	229

<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 2003, data reflect revised population controls used in the household survey.

**A-38. 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>	
	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003	May 2002	May 2003
<b>AGE</b>												
Total, 16 years and over <sup>2</sup> .....	7,247	7,338	5.3	5.3	3,736	3,841	5.1	5.3	3,511	3,498	5.5	5.4
16 to 19 years .....	259	220	4.2	3.8	96	107	3.1	3.8	163	113	5.4	3.9
20 years and over .....	6,987	7,118	5.4	5.4	3,640	3,734	5.2	5.3	3,348	3,384	5.5	5.5
20 to 24 years .....	638	822	4.8	6.2	308	395	4.4	5.6	330	427	5.2	6.8
25 years and over .....	6,350	6,296	5.4	5.3	3,332	3,338	5.3	5.3	3,018	2,957	5.6	5.4
25 to 54 years .....	5,433	5,345	5.6	5.5	2,843	2,844	5.4	5.5	2,589	2,501	5.8	5.5
55 years and over .....	917	951	4.6	4.5	489	494	4.5	4.4	428	456	4.7	4.6
55 to 64 years .....	798	815	5.1	4.9	427	413	5.1	4.8	371	403	5.1	5.1
65 years and over .....	119	136	2.7	2.9	62	82	2.4	3.1	57	54	3.2	2.6
<b>RACE AND HISPANIC OR LATINO ETHNICITY</b>												
White <sup>3</sup> .....	6,240	6,226	5.5	5.5	3,250	3,279	5.2	5.3	2,990	2,946	5.7	5.6
Black or African American <sup>3</sup> .....	697	638	4.7	4.3	330	317	4.7	4.7	366	321	4.7	4.0
Asian <sup>3</sup> .....	243	240	4.0	4.2	116	117	3.5	3.8	127	123	4.5	4.6
Hispanic or Latino ethnicity .....	625	585	3.8	3.4	381	335	3.8	3.2	243	250	3.6	3.6
<b>MARITAL STATUS</b>												
Married, spouse present .....	3,918	4,074	5.0	5.2	2,318	2,487	5.2	5.6	1,601	1,587	4.7	4.6
Widowed, divorced, or separated .....	1,347	1,292	6.2	5.8	450	443	5.1	5.0	897	849	7.0	6.4
Never married .....	1,981	1,973	5.4	5.4	968	911	4.8	4.6	1,013	1,062	6.1	6.4
<b>FULL- OR PART-TIME STATUS</b>												
Primary job full time, secondary job part time .....	3,882	3,932	—	—	2,197	2,325	—	—	1,686	1,606	—	—
Primary and secondary jobs both part time .....	1,573	1,630	—	—	510	533	—	—	1,063	1,097	—	—
Primary and secondary jobs both full time .....	297	269	—	—	202	192	—	—	94	77	—	—
Hours vary on primary or secondary job .....	1,441	1,464	—	—	804	772	—	—	637	692	—	—

<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.

<sup>3</sup> Beginning in 2003, persons who selected this race group only; persons who selected more than one race group are not included. Prior to 2003, persons who reported more than one race group were included in the group they identified as the main race. For more information, see the "Explanatory

Notes and Estimates of Error" section of this publication.

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. In addition, persons whose ethnicity is identified as Hispanic or Latino may be of any race and, therefore, are classified by ethnicity as well as by race. Beginning in January 2003, data reflect revised population controls used in the household survey.

**ESTABLISHMENT DATA  
HISTORICAL EMPLOYMENT**

**B-1. Employees on nonfarm payrolls by major industry sector, 1952 to date**

(In thousands)

Year and month	Total	Total private	Goods-producing				Service-providing								
			Total	Natural resources and mining	Construction	Manufacturing	Total	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Government
Annual averages															
1952	48,909	42,182	18,928	928	2,709	15,291	29,981	10,302	1,736	1,964	3,128	2,281	2,950	894	6,727
1953	50,310	43,552	19,733	902	2,700	16,131	30,577	10,504	1,785	2,036	3,215	2,335	3,030	916	6,758
1954	49,093	42,235	18,515	825	2,688	15,002	30,578	10,357	1,693	2,118	3,197	2,385	3,034	936	6,858
1955	50,744	43,722	19,234	828	2,881	15,524	31,510	10,612	1,735	2,212	3,320	2,491	3,140	978	7,021
1956	52,473	45,087	19,799	859	3,082	15,858	32,674	10,921	1,778	2,299	3,437	2,593	3,242	1,018	7,386
1957	52,959	45,235	19,669	864	3,007	15,798	33,290	10,942	1,780	2,348	3,504	2,676	3,267	1,050	7,724
1958	51,426	43,480	18,319	801	2,862	14,656	33,107	10,656	1,674	2,386	3,449	2,695	3,243	1,058	7,946
1959 <sup>1</sup>	53,374	45,182	19,163	789	3,050	15,325	34,211	10,960	1,718	2,454	3,591	2,822	3,365	1,107	8,192
1960	54,296	45,832	19,182	771	2,973	15,438	35,114	11,147	1,728	2,532	3,694	2,937	3,460	1,152	8,464
1961	54,105	45,399	18,647	728	2,908	15,011	35,458	11,040	1,693	2,590	3,744	3,030	3,468	1,188	8,706
1962	55,659	46,655	19,203	709	2,997	15,498	36,455	11,215	1,723	2,656	3,885	3,172	3,557	1,243	9,004
1963	56,764	47,423	19,385	694	3,060	15,631	37,379	11,367	1,735	2,731	3,990	3,288	3,639	1,288	9,341
1964	58,391	48,680	19,733	697	3,148	15,888	38,658	11,677	1,766	2,811	4,137	3,438	3,772	1,346	9,711
1965	60,874	50,683	20,595	694	3,284	16,617	40,279	12,139	1,824	2,878	4,306	3,587	3,951	1,404	10,191
1966	64,020	53,110	21,740	690	3,371	17,680	42,280	12,611	1,908	2,961	4,517	3,770	4,127	1,475	10,910
1967	65,931	54,406	21,882	679	3,305	17,897	44,049	12,950	1,955	3,087	4,720	3,986	4,269	1,558	11,525
1968	68,023	56,050	22,292	671	3,410	18,211	45,731	13,334	1,991	3,234	4,918	4,191	4,453	1,638	11,972
1969	70,512	58,181	22,893	683	3,637	18,573	47,619	13,853	2,048	3,404	5,156	4,428	4,670	1,731	12,330
1970	71,006	58,318	22,179	677	3,654	17,848	48,827	14,144	2,041	3,532	5,267	4,577	4,789	1,789	12,687
1971	71,335	58,323	21,602	658	3,770	17,174	49,734	14,318	2,009	3,651	5,328	4,675	4,914	1,827	13,012
1972	73,798	60,333	22,299	672	3,957	17,669	51,499	14,788	2,056	3,784	5,523	4,863	5,121	1,900	13,465
1973	76,912	63,050	23,450	693	4,167	18,589	53,462	15,349	2,135	3,920	5,774	5,092	5,341	1,990	13,862
1974	78,389	64,086	23,364	755	4,095	18,514	55,025	15,693	2,160	4,023	5,974	5,322	5,471	2,078	14,303
1975	77,069	62,250	21,318	802	3,608	16,909	55,751	15,606	2,061	4,047	6,034	5,497	5,544	2,144	14,820
1976	79,502	64,501	22,025	832	3,662	17,531	57,477	16,128	2,111	4,155	6,287	5,756	5,794	2,244	15,001
1977	82,593	67,334	22,972	865	3,940	18,167	59,620	16,765	2,185	4,348	6,587	6,052	6,065	2,359	15,258
1978	86,826	71,014	24,156	902	4,322	18,932	62,670	17,658	2,287	4,599	6,972	6,427	6,411	2,505	15,812
1979	89,932	73,864	24,997	1,008	4,562	19,426	64,935	18,303	2,375	4,843	7,312	6,767	6,631	2,637	16,068
1980	90,528	74,154	24,263	1,077	4,454	18,733	66,265	18,413	2,361	5,025	7,544	7,072	6,721	2,755	16,375
1981	91,289	75,109	24,118	1,180	4,304	18,634	67,172	18,604	2,382	5,163	7,782	7,357	6,840	2,865	16,180
1982	89,677	73,695	22,550	1,163	4,024	17,363	67,127	18,457	2,317	5,209	7,848	7,515	6,874	2,924	15,982
1983	90,280	74,269	22,110	997	4,065	17,048	68,171	18,668	2,253	5,334	8,039	7,766	7,078	3,021	16,011
1984	94,530	78,371	23,435	1,014	4,501	17,920	71,095	19,653	2,398	5,553	8,464	8,193	7,489	3,186	16,159
1985	97,511	80,978	23,585	974	4,793	17,819	73,926	20,379	2,437	5,815	8,871	8,657	7,869	3,366	16,533
1986	99,474	82,636	23,318	829	4,937	17,552	76,156	20,795	2,445	6,128	9,211	9,061	8,156	3,523	16,838
1987	102,088	84,932	23,470	771	5,090	17,609	78,618	21,302	2,507	6,385	9,608	9,515	8,446	3,699	17,156
1988	105,345	87,806	23,909	770	5,233	17,906	81,436	21,974	2,585	6,500	10,090	10,063	8,778	3,907	17,540
1989	108,014	90,087	24,045	750	5,309	17,985	83,969	22,510	2,622	6,562	10,555	10,616	9,062	4,116	17,927
1990	109,487	91,072	23,723	765	5,263	17,695	85,764	22,666	2,688	6,614	10,848	10,984	9,288	4,261	18,415
1991	108,374	89,829	22,588	739	4,780	17,068	85,787	22,281	2,677	6,558	10,714	11,506	9,256	4,249	18,545
1992	108,726	89,940	22,095	689	4,608	16,799	86,631	22,125	2,641	6,540	10,970	11,891	9,437	4,240	18,787
1993	110,844	91,855	22,219	666	4,779	16,774	88,625	22,378	2,668	6,709	11,495	12,303	9,732	4,350	18,989
1994	114,291	95,016	22,774	659	5,095	17,021	91,517	23,128	2,738	6,867	12,174	12,807	10,100	4,428	19,275
1995	117,298	97,866	23,156	641	5,274	17,241	94,142	23,834	2,843	6,827	12,844	13,289	10,501	4,572	19,432
1996	119,708	100,169	23,410	637	5,536	17,237	96,299	24,239	2,940	6,969	13,462	13,683	10,777	4,690	19,539
1997	122,776	103,113	23,886	654	5,813	17,419	98,890	24,700	3,084	7,178	14,335	14,087	11,018	4,825	19,664
1998	125,930	106,021	24,354	645	6,149	17,560	101,576	25,186	3,218	7,462	15,147	14,446	11,232	4,976	19,909
1999	128,993	108,686	24,465	598	6,545	17,322	104,528	25,771	3,419	7,648	15,957	14,798	11,543	5,087	20,307
2000	131,785	110,996	24,649	599	6,787	17,263	107,136	26,225	3,631	7,687	16,666	15,109	11,862	5,168	20,790
2001	131,826	110,707	23,873	606	6,826	16,441	107,952	25,983	3,629	7,807	16,476	15,645	12,036	5,258	21,118
2002	130,376	108,886	22,619	581	6,732	15,306	107,757	25,493	3,420	7,843	16,010	16,184	11,969	5,348	21,489
Monthly data, seasonally adjusted															
2002:															
May	130,411	108,907	22,667	584	6,716	15,367	107,744	25,536	3,434	7,825	16,035	16,130	11,922	5,358	21,504
June	130,383	108,891	22,639	580	6,725	15,334	107,744	25,530	3,424	7,830	16,026	16,183	11,904	5,355	21,492
July	130,204	108,756	22,588	576	6,703	15,309	107,616	25,513	3,410	7,830	15,973	16,194	11,918	5,330	21,448
Aug.	130,224	108,745	22,527	575	6,719	15,233	107,697	25,458	3,401	7,830	16,008	16,241	11,940	5,340	21,479
Sept.	130,289	108,763	22,497	573	6,728	15,196	107,792	25,430	3,383	7,851	16,008	16,273	11,975	5,346	21,526
Oct.	130,408	108,864	22,435	572	6,720	15,143	107,973	25,439	3,392	7,872	16,036	16,315	12,032	5,343	21,544
Nov.	130,409	108,869	22,409	573	6,745	15,091	108,000	25,406	3,382	7,880	16,014	16,357	12,069	5,352	21,540
Dec.	130,198	108,642	22,323	572	6,731	15,020	107,875	25,378	3,353	7,889	15,972	16,373	12,019	5,335	21,556
2003:															
Jan.	130,356	108,780	22,288	568	6,738	14,982	108,068	25,376	3,328	7,902	16,015	16,405	12,132	5,334	21,576
Feb.	130,235	108,647	22,191	569	6,700	14,922	108,044	25,346	3,308	7,916	16,043	16,430	12,084	5,329	21,588
Mar.	130,084	108,537	22,159	565	6,720	14,874	107,925	25,338	3,305	7,930	15,980	16,452	12,050	5,323	21,547
Apr. <sup>p</sup>	130,084	108,539	22,104	563	6,757										

<sup>1</sup>Data include Alaska and Hawaii beginning in 1959. This inclusion resulted in an increase of 212,000 (0.4 percent) in the nonfarm total for the March 1959 benchmark month.

<sup>p</sup>= preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system.

Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

**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 sector, 1964 to date**

Year and month	Total private			Goods-producing			Natural resources and mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages												
1964 .....	38.5	\$2.46	\$94.71	40.3	\$2.53	\$101.96	43.4	\$2.76	\$119.78	37.7	\$3.08	\$116.12
1965 .....	38.6	2.56	98.82	40.7	2.63	107.04	43.7	2.87	125.42	37.9	3.23	122.42
1966 .....	38.5	2.66	102.41	40.9	2.74	112.07	44.1	3.00	132.30	38.1	3.41	129.92
1967 .....	37.9	2.78	105.36	40.3	2.87	115.66	43.9	3.14	137.85	38.1	3.63	138.30
1968 .....	37.7	2.95	111.22	40.3	3.07	123.72	44.0	3.30	145.20	37.8	3.92	148.18
1969 .....	37.5	3.15	118.13	40.3	3.29	132.59	44.3	3.54	156.82	38.4	4.30	165.12
1970 .....	37.0	3.33	123.21	39.6	3.52	139.39	43.9	3.77	165.50	37.8	4.74	179.17
1971 .....	36.8	3.56	131.01	39.5	3.79	149.71	43.7	3.99	174.36	37.6	5.17	194.39
1972 .....	36.9	3.84	141.70	39.9	4.06	161.99	44.0	4.28	188.32	37.0	5.55	205.35
1973 .....	36.9	4.08	150.55	40.1	4.34	174.03	43.8	4.59	201.04	37.2	5.89	219.11
1974 .....	36.4	4.38	159.43	39.6	4.69	185.72	43.7	5.09	222.43	37.1	6.29	233.36
1975 .....	36.0	4.68	168.48	39.1	5.11	199.80	43.7	5.68	248.22	36.9	6.78	250.18
1976 .....	36.1	5.00	180.50	39.7	5.49	217.95	44.2	6.19	273.60	37.3	7.17	267.44
1977 .....	35.9	5.39	193.50	39.9	5.94	237.01	44.7	6.70	299.49	37.0	7.56	279.72
1978 .....	35.8	5.83	208.71	40.0	6.48	259.20	44.9	7.44	334.06	37.3	8.11	302.50
1979 .....	35.6	6.29	223.92	39.8	7.04	280.19	44.7	8.20	366.54	37.5	8.71	326.63
1980 .....	35.2	6.80	239.36	39.5	7.66	302.57	44.9	8.97	402.75	37.5	9.37	351.38
1981 .....	35.2	7.39	260.13	39.6	8.41	333.04	45.1	9.89	446.04	37.4	10.24	382.98
1982 .....	34.7	7.83	271.70	38.8	9.00	349.20	44.1	10.64	469.22	37.2	11.04	410.69
1983 .....	34.9	8.17	285.13	39.8	9.32	370.94	43.9	11.14	489.05	37.6	11.36	427.14
1984 .....	35.1	8.46	296.95	40.3	9.67	389.70	44.6	11.54	514.68	38.2	11.56	441.59
1985 .....	34.9	8.71	303.98	40.1	10.01	401.40	44.6	11.87	529.40	38.2	11.75	448.85
1986 .....	34.7	8.90	308.83	40.1	10.20	409.02	43.6	12.14	529.30	37.9	11.92	451.77
1987 .....	34.7	9.12	316.46	40.4	10.39	419.76	43.5	12.17	529.40	38.2	12.15	464.13
1988 .....	34.6	9.42	325.93	40.4	10.69	431.88	43.3	12.45	539.09	38.2	12.52	478.26
1989 .....	34.5	9.79	337.76	40.4	11.04	446.02	44.1	12.91	569.33	38.3	12.98	497.13
1990 .....	34.3	10.19	349.29	40.1	11.46	459.55	45.0	13.40	602.54	38.3	13.42	513.43
1991 .....	34.1	10.50	358.06	40.1	11.76	471.32	45.3	13.82	625.42	38.1	13.65	520.41
1992 .....	34.2	10.76	367.83	40.2	11.99	482.58	44.6	14.09	629.02	38.0	13.81	525.13
1993 .....	34.3	11.03	378.40	40.6	12.28	498.82	44.9	14.12	634.77	38.4	14.04	539.81
1994 .....	34.5	11.32	390.73	41.1	12.63	519.58	45.3	14.41	653.14	38.8	14.38	558.53
1995 .....	34.3	11.64	399.53	40.8	12.96	528.62	45.3	14.78	670.32	38.8	14.73	571.57
1996 .....	34.3	12.03	412.74	40.8	13.38	546.48	46.0	15.10	695.07	38.9	15.11	588.48
1997 .....	34.5	12.49	431.25	41.1	13.82	568.43	46.2	15.57	720.11	38.9	15.67	609.48
1998 .....	34.5	13.00	448.04	40.8	14.23	580.99	44.9	16.20	727.28	38.8	16.23	629.75
1999 .....	34.3	13.47	462.49	40.8	14.71	599.99	44.2	16.33	721.74	39.0	16.80	655.11
2000 .....	34.3	14.00	480.41	40.7	15.27	621.86	44.4	16.55	734.92	39.2	17.48	685.78
2001 .....	34.0	14.53	493.20	39.9	15.78	630.04	44.6	17.00	757.92	38.7	18.00	695.89
2002 .....	33.9	14.95	506.22	39.9	16.33	651.60	43.2	17.22	743.11	38.4	18.51	711.61
Monthly data, not seasonally adjusted												
2002:												
May .....	33.8	\$14.83	\$501.25	39.9	\$16.20	\$646.38	43.1	\$17.13	\$738.30	38.4	\$18.31	\$703.10
June .....	34.4	14.88	511.87	40.4	16.27	657.31	44.0	17.10	752.40	39.1	18.38	718.66
July .....	33.9	14.86	503.75	39.7	16.37	649.89	43.0	17.18	738.74	38.9	18.60	723.54
Aug. ....	34.2	14.92	510.26	40.2	16.42	660.08	43.7	17.18	750.77	39.3	18.64	732.55
Sept. ....	34.2	15.11	516.76	40.4	16.53	667.81	43.5	17.32	753.42	39.3	18.79	738.45
Oct. ....	33.8	15.12	511.06	40.0	16.55	662.00	43.4	17.25	748.65	38.7	18.79	727.17
Nov. ....	33.7	15.16	510.89	39.7	16.55	657.04	42.0	17.45	732.90	37.8	18.70	706.86
Dec. ....	34.1	15.26	520.37	40.1	16.66	668.07	43.0	17.40	748.20	37.6	18.90	710.64
2003:												
Jan. ....	33.4	15.27	510.02	39.5	16.56	654.12	42.5	17.49	743.33	37.9	18.68	707.97
Feb. ....	33.7	15.35	517.30	39.0	16.54	645.06	42.9	17.43	747.75	36.3	18.69	678.45
Mar. ....	33.8	15.34	518.49	39.7	16.59	658.62	43.8	17.58	770.00	38.2	18.73	715.49
Apr. <sup>p</sup> .....	33.4	15.31	511.35	39.3	16.66	654.74	43.0	17.81	765.83	37.6	18.82	707.63
May <sup>p</sup> .....	33.6	15.30	514.08	39.8	16.72	665.46	43.9	17.65	774.84	38.8	18.83	730.60

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 sector, 1964 to date—Continued**

Year and month	Manufacturing				Durable goods				Nondurable goods			
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings
Annual averages												
1964 .....	40.8	\$2.41	\$2.32	\$98.33	41.6	\$2.65	\$2.55	\$110.24	39.6	\$2.06	\$1.99	\$81.58
1965 .....	41.2	2.49	2.39	102.59	42.1	2.73	2.61	114.93	39.9	2.13	2.05	84.99
1966 .....	41.4	2.60	2.48	107.64	42.3	2.84	2.70	120.13	40.1	2.22	2.13	89.02
1967 .....	40.6	2.71	2.60	110.03	41.3	2.94	2.82	121.42	39.6	2.34	2.25	92.66
1968 .....	40.7	2.89	2.77	117.62	41.5	3.13	3.00	129.90	39.7	2.51	2.41	99.65
1969 .....	40.6	3.07	2.94	124.64	41.4	3.32	3.18	137.45	39.5	2.68	2.57	105.86
1970 .....	39.8	3.23	3.12	128.55	40.4	3.49	3.37	141.00	39.0	2.85	2.75	111.15
1971 .....	39.9	3.45	3.33	137.66	40.4	3.74	3.61	151.10	39.1	3.04	2.93	118.86
1972 .....	40.6	3.70	3.55	150.22	41.3	4.01	3.84	165.61	39.5	3.25	3.12	128.38
1973 .....	40.7	3.97	3.79	161.58	41.6	4.29	4.09	178.46	39.4	3.47	3.33	136.72
1974 .....	40.0	4.31	4.14	172.40	40.8	4.64	4.46	189.31	38.9	3.78	3.64	147.04
1975 .....	39.5	4.71	4.56	186.05	40.0	5.09	4.93	203.60	38.6	4.14	4.00	159.80
1976 .....	40.1	5.09	4.91	204.11	40.8	5.51	5.31	224.81	39.2	4.47	4.31	175.22
1977 .....	40.3	5.55	5.33	223.67	41.1	5.99	5.74	246.19	39.2	4.88	4.69	191.30
1978 .....	40.4	6.05	5.79	244.42	41.2	6.51	6.22	268.21	39.2	5.30	5.10	207.76
1979 .....	40.2	6.57	6.31	264.11	40.9	7.05	6.77	288.35	39.1	5.78	5.57	226.00
1980 .....	39.7	7.15	6.90	283.86	40.2	7.68	7.42	308.74	38.8	6.32	6.10	245.22
1981 .....	39.8	7.86	7.60	312.83	40.3	8.45	8.17	340.54	38.9	6.95	6.72	270.36
1982 .....	38.9	8.36	8.12	325.20	39.4	8.96	8.72	353.02	38.2	7.50	7.26	286.50
1983 .....	40.1	8.70	8.39	348.87	40.8	9.30	8.98	379.44	39.2	7.84	7.56	307.33
1984 .....	40.7	9.05	8.69	368.34	41.5	9.65	9.25	400.48	39.4	8.14	7.83	320.72
1985 .....	40.5	9.40	9.03	380.70	41.3	10.01	9.61	413.41	39.4	8.47	8.15	333.72
1986 .....	40.7	9.59	9.21	390.31	41.4	10.20	9.79	422.28	39.6	8.71	8.36	344.92
1987 .....	40.9	9.77	9.35	399.59	41.6	10.35	9.90	430.56	40.0	8.93	8.55	357.20
1988 .....	41.0	10.05	9.60	412.05	41.9	10.64	10.15	445.82	39.9	9.19	8.80	366.68
1989 .....	40.9	10.35	9.89	423.32	41.7	10.93	10.45	455.78	39.9	9.50	9.09	379.05
1990 .....	40.5	10.78	10.29	436.16	41.1	11.40	10.89	468.43	39.6	9.87	9.42	390.65
1991 .....	40.4	11.13	10.63	449.73	40.9	11.81	11.30	483.28	39.7	10.18	9.70	404.17
1992 .....	40.7	11.40	10.86	464.43	41.3	12.09	11.54	499.59	40.0	10.45	9.94	417.95
1993 .....	41.1	11.70	11.10	480.80	41.9	12.41	11.78	519.92	40.1	10.70	10.16	429.15
1994 .....	41.7	12.04	11.36	502.12	42.6	12.78	12.04	544.66	40.5	10.96	10.38	443.82
1995 .....	41.3	12.34	11.68	509.26	42.1	13.05	12.32	549.49	40.1	11.30	10.73	452.83
1996 .....	41.3	12.75	12.05	526.55	42.1	13.45	12.69	566.53	40.1	11.68	11.07	467.88
1997 .....	41.7	13.14	12.38	548.22	42.6	13.83	13.00	589.10	40.5	12.04	11.39	487.04
1998 .....	41.4	13.45	12.71	557.12	42.1	14.07	13.28	591.68	40.5	12.45	11.79	503.99
1999 .....	41.4	13.85	13.09	573.17	41.9	14.46	13.65	606.67	40.4	12.85	12.17	519.91
2000 .....	41.3	14.32	13.55	590.65	41.8	14.93	14.11	624.38	40.3	13.31	12.62	536.82
2001 .....	40.3	14.76	14.06	595.19	40.6	15.38	14.67	624.54	39.9	13.75	13.09	548.41
2002 .....	40.5	15.29	14.54	618.87	40.8	16.01	15.23	652.83	40.1	14.15	13.45	567.11
Monthly data, not seasonally adjusted												
2002:												
May .....	40.5	\$15.20	\$14.45	\$615.60	40.9	\$15.92	\$15.14	\$651.13	40.0	\$14.05	\$13.35	\$562.00
June .....	40.9	15.24	14.46	623.32	41.3	15.97	15.16	659.56	40.4	14.09	13.36	569.24
July .....	39.9	15.23	14.49	607.68	40.0	15.88	15.12	635.20	39.8	14.23	13.50	566.35
Aug. ....	40.6	15.30	14.51	621.18	40.7	16.04	15.22	652.83	40.3	14.15	13.40	570.25
Sept. ....	40.8	15.41	14.60	628.73	41.1	16.16	15.32	664.18	40.4	14.25	13.50	575.70
Oct. ....	40.5	15.45	14.67	625.73	40.7	16.20	15.39	659.34	40.1	14.27	13.54	572.23
Nov. ....	40.6	15.51	14.71	629.71	40.8	16.29	15.46	664.63	40.3	14.31	13.57	576.69
Dec. ....	41.2	15.65	14.81	644.78	41.6	16.39	15.51	681.82	40.5	14.48	13.70	586.44
2003:												
Jan. ....	40.1	15.61	14.87	625.96	40.5	16.34	15.55	661.77	39.5	14.47	13.77	571.57
Feb. ....	40.1	15.62	14.88	626.36	40.4	16.34	15.57	660.14	39.5	14.49	13.81	572.36
Mar. ....	40.3	15.62	14.88	629.49	40.6	16.33	15.56	663.00	39.9	14.53	13.84	579.75
Apr. <sup>p</sup> .....	40.0	15.63	14.90	625.20	40.3	16.31	15.56	657.29	39.5	14.56	13.88	575.12
May <sup>p</sup> .....	40.2	15.66	14.92	629.53	40.6	16.37	15.58	664.62	39.5	14.54	13.86	574.33

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 sector, 1964 to date—Continued**

Year and month	Private service-providing			Trade, transportation, and utilities			Information			Financial activities		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages												
1964	37.5	\$2.42	\$90.75	39.7	\$2.85	\$113.15	38.2	\$4.35	\$166.17	37.2	\$2.29	\$85.19
1965	37.3	2.51	93.62	39.6	2.94	116.42	38.3	4.47	171.20	37.1	2.38	88.30
1966	36.9	2.61	96.31	39.1	3.04	118.86	38.3	4.56	174.65	37.2	2.47	91.88
1967	36.4	2.73	99.37	38.5	3.15	121.28	37.6	4.68	175.97	36.9	2.58	95.20
1968	36.1	2.88	103.97	38.2	3.32	126.82	37.6	4.85	182.36	36.8	2.75	101.20
1969	35.9	3.05	109.50	37.9	3.48	131.89	37.6	5.05	189.88	36.9	2.92	107.75
1970	35.5	3.22	114.31	37.6	3.65	137.24	37.2	5.25	195.30	36.6	3.07	112.36
1971	35.3	3.42	120.73	37.4	3.86	144.36	37.0	5.53	204.61	36.4	3.23	117.57
1972	35.2	3.70	130.24	37.4	4.23	158.20	37.3	5.87	218.95	36.4	3.37	122.67
1973	35.1	3.92	137.59	37.2	4.45	165.54	37.3	6.17	230.14	36.4	3.55	129.22
1974	34.8	4.19	145.81	36.8	4.74	174.43	37.0	6.52	241.24	36.3	3.80	137.94
1975	34.5	4.45	153.53	36.4	5.02	182.73	36.6	6.92	253.27	36.2	4.08	147.70
1976	34.3	4.74	162.58	36.3	5.31	192.75	36.7	7.37	270.48	36.2	4.30	155.66
1977	34.1	5.09	173.57	36.0	5.67	204.12	36.8	7.84	288.51	36.2	4.58	165.80
1978	33.8	5.48	185.22	35.6	6.10	217.16	36.8	8.34	306.91	36.1	4.93	177.97
1979	33.6	5.89	197.90	35.4	6.55	231.87	36.6	8.86	324.28	35.9	5.31	190.63
1980	33.4	6.37	212.76	35.0	7.04	246.40	36.3	9.47	343.76	36.0	5.82	209.52
1981	33.3	6.89	229.44	34.9	7.55	263.50	36.3	10.21	370.62	36.0	6.34	228.24
1982	33.2	7.31	242.69	34.6	7.91	273.69	35.8	10.76	385.21	36.0	6.82	245.52
1983	33.2	7.66	254.31	34.6	8.23	284.76	36.2	11.18	404.72	35.9	7.32	262.79
1984	33.2	7.91	262.61	34.7	8.45	293.22	36.6	11.50	420.90	36.2	7.65	276.93
1985	33.0	8.14	268.62	34.4	8.60	295.84	36.5	11.81	431.07	36.1	7.97	287.72
1986	32.9	8.36	275.04	34.1	8.74	298.03	36.4	12.08	439.71	36.1	8.37	302.16
1987	32.8	8.60	282.08	34.1	8.92	304.17	36.5	12.36	451.14	36.0	8.73	314.28
1988	32.7	8.91	291.36	33.8	9.15	309.27	36.1	12.63	455.94	35.6	9.07	322.89
1989	32.6	9.30	303.18	33.8	9.46	319.75	36.1	12.99	468.94	35.6	9.54	339.62
1990	32.5	9.71	315.49	33.7	9.83	331.55	35.8	13.40	479.50	35.5	9.99	354.65
1991	32.4	10.05	325.31	33.7	10.08	339.19	35.6	13.90	495.20	35.5	10.42	369.57
1992	32.5	10.33	335.46	33.8	10.30	348.68	35.8	14.29	512.01	35.6	10.86	386.01
1993	32.5	10.60	345.03	34.1	10.55	359.33	36.0	14.86	535.25	35.5	11.36	403.02
1994	32.7	10.87	354.97	34.3	10.80	370.38	36.0	15.32	551.28	35.5	11.82	419.20
1995	32.6	11.19	364.14	34.1	11.10	378.79	36.0	15.68	564.98	35.5	12.28	436.12
1996	32.6	11.57	376.72	34.1	11.46	390.64	36.4	16.30	592.68	35.5	12.71	451.49
1997	32.8	12.05	394.77	34.3	11.90	407.57	36.3	17.14	622.40	35.7	13.22	472.37
1998	32.8	12.59	412.78	34.2	12.39	423.30	36.6	17.67	646.52	36.0	13.93	500.95
1999	32.7	13.07	427.30	33.9	12.82	434.31	36.7	18.40	675.32	35.8	14.47	517.57
2000	32.7	13.60	445.00	33.8	13.31	449.88	36.8	19.07	700.89	35.9	14.98	537.37
2001	32.5	14.16	460.32	33.5	13.70	459.53	36.9	19.80	731.11	35.8	15.59	558.02
2002	32.5	14.56	473.10	33.6	14.02	471.09	36.5	20.23	739.41	35.6	16.17	575.43
Monthly data, not seasonally adjusted												
2002:												
May	32.4	\$14.44	\$467.86	33.7	\$13.96	\$470.45	36.3	\$20.02	\$726.73	35.3	\$15.98	\$564.09
June	33.0	14.49	478.17	34.3	13.99	479.86	37.0	20.22	748.14	36.3	16.10	584.43
July	32.6	14.44	470.74	34.0	13.92	473.28	36.4	20.00	728.00	35.4	16.07	568.88
Aug.	32.8	14.49	475.27	34.0	13.98	475.32	36.5	20.00	730.00	35.5	16.25	576.88
Sept.	32.8	14.71	482.49	34.0	14.17	481.78	36.7	20.56	754.55	36.2	16.47	596.21
Oct.	32.4	14.72	476.93	33.5	14.13	473.36	36.6	20.59	753.59	35.3	16.48	581.74
Nov.	32.4	14.77	478.55	33.3	14.12	470.20	36.7	20.67	758.59	35.5	16.49	585.40
Dec.	32.8	14.88	488.06	33.9	14.12	478.67	36.8	20.90	769.12	36.3	16.64	604.03
2003:												
Jan.	32.0	14.92	477.44	32.8	14.24	467.07	35.7	20.79	742.20	35.2	16.70	587.84
Feb.	32.5	15.04	488.80	33.2	14.36	476.75	36.4	20.88	760.03	36.1	16.95	611.90
Mar.	32.5	15.00	487.50	33.4	14.34	478.96	36.3	20.88	757.94	36.0	16.89	608.04
Apr. <sup>p</sup>	32.2	14.95	481.39	33.2	14.31	475.09	35.9	20.97	752.82	35.2	16.95	596.64
May <sup>p</sup>	32.3	14.90	481.27	33.4	14.28	476.95	36.0	20.87	751.32	35.2	16.92	595.58

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 sector, 1964 to date—Continued**

Year and month	Professional and business services			Education and health services			Leisure and hospitality			Other services		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages												
1964 .....	37.4	\$3.17	\$118.56	35.5	\$2.01	\$71.36	32.8	.	.	36.3	\$1.14	\$41.38
1965 .....	37.3	3.28	122.34	35.2	2.12	74.62	32.5	.	.	36.1	1.25	45.13
1966 .....	37.0	3.39	125.43	34.9	2.23	77.83	31.9	.	.	35.8	1.37	49.05
1967 .....	36.6	3.51	128.47	34.5	2.36	81.42	31.3	.	.	35.4	1.49	52.75
1968 .....	36.3	3.65	132.50	34.1	2.49	84.91	30.8	.	.	35.0	1.62	56.70
1969 .....	36.3	3.84	139.39	34.1	2.68	91.39	30.4	.	.	35.0	1.81	63.35
1970 .....	35.9	4.04	145.04	33.8	2.88	97.34	30.0	.	.	34.7	2.01	69.75
1971 .....	35.5	4.26	151.23	33.3	3.11	103.56	29.9	.	.	34.2	2.24	76.61
1972 .....	35.5	4.50	159.75	33.3	3.33	110.89	29.7	.	.	34.2	2.46	84.13
1973 .....	35.5	4.72	167.56	33.3	3.54	117.88	29.4	.	.	34.1	2.67	91.05
1974 .....	35.3	5.01	176.85	33.1	3.82	126.44	29.1	.	.	33.9	2.95	100.01
1975 .....	35.1	5.29	185.68	33.0	4.09	134.97	28.8	.	.	33.8	3.21	108.50
1976 .....	34.9	5.60	195.44	32.7	4.39	143.55	28.5	.	.	33.6	3.51	117.94
1977 .....	34.7	5.95	206.47	32.5	4.72	153.40	28.1	.	.	33.4	3.84	128.26
1978 .....	34.6	6.32	218.67	32.3	5.07	163.76	27.7	.	.	33.2	4.19	139.11
1979 .....	34.4	6.71	230.82	32.2	5.44	175.17	27.4	.	.	33.0	4.56	150.48
1980 .....	34.3	7.22	247.65	32.1	5.93	190.35	27.0	.	.	33.0	5.05	166.65
1981 .....	34.3	7.80	267.54	32.1	6.49	208.33	26.9	.	.	33.0	5.61	185.13
1982 .....	34.2	8.30	283.86	32.1	7.00	224.70	26.8	.	.	33.0	6.11	201.63
1983 .....	34.4	8.70	299.28	32.1	7.39	237.22	26.8	.	.	33.0	6.51	214.83
1984 .....	34.3	8.98	308.01	32.0	7.67	245.44	26.7	.	.	32.9	6.79	223.39
1985 .....	34.2	9.28	317.38	31.9	7.98	254.56	26.4	.	.	32.8	7.10	232.88
1986 .....	34.3	9.55	327.57	32.0	8.25	264.00	26.2	.	.	32.9	7.38	242.80
1987 .....	34.3	9.85	337.86	32.0	8.57	274.24	26.3	.	.	32.8	7.69	252.23
1988 .....	34.2	10.22	349.52	32.0	8.96	286.72	26.3	.	.	32.9	8.08	265.83
1989 .....	34.2	10.69	365.60	32.0	9.46	302.72	26.1	.	.	32.9	8.58	282.28
1990 .....	34.2	11.14	380.61	31.9	10.00	319.27	26.0	\$5.88	\$152.47	32.8	9.08	297.91
1991 .....	34.0	11.50	391.09	31.9	10.49	334.55	25.6	6.06	155.16	32.7	9.39	306.91
1992 .....	34.0	11.78	400.64	32.0	10.87	348.29	25.7	6.20	159.54	32.6	9.66	315.08
1993 .....	34.0	11.96	406.20	32.0	11.21	359.08	25.9	6.32	163.45	32.6	9.90	322.69
1994 .....	34.1	12.15	414.16	32.0	11.50	368.14	26.0	6.46	168.00	32.7	10.18	332.44
1995 .....	34.0	12.53	426.44	32.0	11.80	377.73	25.9	6.62	171.43	32.6	10.51	342.36
1996 .....	34.1	13.00	442.81	31.9	12.17	388.27	25.9	6.82	176.48	32.5	10.85	352.62
1997 .....	34.3	13.57	465.51	32.2	12.56	404.65	26.0	7.13	185.81	32.7	11.29	368.63
1998 .....	34.3	14.27	490.00	32.2	13.00	418.82	26.2	7.48	195.82	32.6	11.79	384.25
1999 .....	34.4	14.85	510.99	32.1	13.44	431.35	26.1	7.76	202.87	32.5	12.26	398.77
2000 .....	34.5	15.52	535.07	32.2	13.95	449.29	26.1	8.11	211.79	32.5	12.73	413.41
2001 .....	34.2	16.33	557.84	32.3	14.64	473.39	25.8	8.35	215.19	32.3	13.27	428.64
2002 .....	34.2	16.81	574.59	32.4	15.22	493.02	25.8	8.57	221.15	32.0	13.72	439.65
Monthly data, not seasonally adjusted												
2002:												
May .....	34.1	\$16.59	\$565.72	32.2	\$15.09	\$485.90	25.6	\$8.54	\$218.62	31.9	\$13.66	\$435.75
June .....	34.8	16.82	585.34	32.7	15.12	494.42	26.4	8.51	224.66	32.3	13.70	442.51
July .....	34.0	16.77	570.18	32.4	15.23	493.45	26.5	8.49	224.99	32.1	13.68	439.13
Aug. ....	34.4	16.68	573.79	32.6	15.31	499.11	26.6	8.52	226.63	32.2	13.74	442.43
Sept. ....	34.6	16.91	585.09	32.7	15.39	503.25	26.0	8.62	224.12	32.2	13.84	445.65
Oct. ....	34.2	16.89	577.64	32.4	15.42	499.61	25.7	8.65	222.31	32.0	13.86	443.52
Nov. ....	34.1	17.01	580.04	32.5	15.46	502.45	25.5	8.69	221.60	31.9	13.88	442.77
Dec. ....	34.5	17.28	596.16	32.6	15.55	506.93	25.8	8.81	227.30	32.1	14.01	449.72
2003:												
Jan. ....	33.8	17.14	579.33	32.5	15.61	507.33	24.9	8.74	217.63	31.6	14.00	442.40
Feb. ....	34.4	17.40	598.56	32.6	15.61	508.89	25.5	8.80	224.40	31.8	14.02	445.84
Mar. ....	34.4	17.36	597.18	32.6	15.62	509.21	25.7	8.73	224.36	31.9	14.02	447.24
Apr. <sup>p</sup> .....	34.0	17.21	585.14	32.3	15.55	502.27	25.3	8.69	219.86	31.6	14.01	442.72
May <sup>p</sup> .....	34.0	17.18	584.12	32.3	15.57	502.91	25.5	8.72	222.36	31.7	14.00	443.80

<sup>1</sup>Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

<sup>p</sup>= preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic

data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>Total nonfarm .....</b>	130,411	130,383	130,204	130,224	130,289	130,408	130,409	130,198	130,356	130,235	130,084	130,084	130,067
<b>Total private .....</b>	108,907	108,891	108,756	108,745	108,763	108,864	108,869	108,642	108,780	108,647	108,537	108,539	108,547
<b>Goods-producing .....</b>	22,667	22,639	22,588	22,527	22,497	22,435	22,409	22,323	22,288	22,191	22,159	22,104	22,075
<b>Natural resources and mining .....</b>	584	580	576	575	573	572	573	572	568	569	565	563	561
Logging .....	70.5	69.2	67.9	67.3	67.5	66.7	67.6	67.9	67.1	66.6	64.6	63.6	63.4
Mining .....	513.8	511.2	508.0	508.1	505.7	505.7	505.0	503.6	500.5	502.1	500.4	499.0	498.0
Oil and gas extraction .....	122.9	122.8	122.0	122.0	121.4	121.5	122.0	121.6	122.1	121.8	122.9	124.0	122.9
Mining, except oil and gas <sup>1</sup> .....	212.9	212.1	210.9	210.6	210.7	209.7	209.3	208.1	206.9	206.3	206.9	207.1	207.3
Coal mining .....	75.3	74.8	74.4	74.4	74.3	73.6	73.8	73.3	72.2	72.3	72.3	72.7	72.0
Support activities for mining .....	178.0	176.3	175.1	175.5	173.6	174.5	173.7	173.9	171.5	174.0	170.6	167.9	167.8
<b>Construction .....</b>	6,716	6,725	6,703	6,719	6,728	6,720	6,745	6,731	6,738	6,700	6,720	6,757	6,783
Construction of buildings .....	1,580.4	1,579.6	1,572.9	1,585.3	1,587.9	1,588.0	1,602.9	1,595.3	1,597.7	1,594.4	1,605.6	1,618.4	1,622.0
Heavy and civil engineering construction .....	928.4	930.0	922.8	921.0	919.3	918.1	915.2	915.3	916.8	912.5	895.0	897.5	901.3
Specialty trade contractors .....	4,206.7	4,215.0	4,207.1	4,212.9	4,220.7	4,214.2	4,226.4	4,220.7	4,223.8	4,193.2	4,219.5	4,241.4	4,259.3
<b>Manufacturing .....</b>	15,367	15,334	15,309	15,233	15,196	15,143	15,091	15,020	14,982	14,922	14,874	14,784	14,731
<b>Durable goods .....</b>	9,567	9,541	9,516	9,472	9,435	9,400	9,362	9,316	9,282	9,236	9,203	9,140	9,103
Wood products .....	557.9	557.2	556.0	556.0	554.5	554.2	552.3	548.1	549.2	548.5	544.4	544.8	542.8
Nonmetallic mineral products .....	518.8	518.6	518.8	518.1	517.9	516.1	513.6	510.8	507.9	505.9	506.7	504.4	505.6
Primary metals .....	513.1	511.0	510.1	509.1	507.5	504.4	503.3	499.7	500.1	496.5	494.7	492.1	487.9
Fabricated metal products .....	1,556.7	1,553.6	1,549.2	1,542.3	1,537.8	1,532.0	1,523.7	1,516.0	1,508.0	1,497.5	1,495.3	1,488.8	1,482.9
Machinery .....	1,242.8	1,238.7	1,235.2	1,228.7	1,223.8	1,219.6	1,216.1	1,212.4	1,206.5	1,201.6	1,194.8	1,186.6	1,178.4
Computer and electronic products <sup>1</sup> .....	1,537.5	1,527.4	1,517.3	1,503.5	1,492.9	1,483.9	1,472.0	1,462.2	1,448.5	1,438.2	1,432.1	1,418.6	1,402.6
Computer and peripheral equipment .....	253.3	250.2	248.2	243.9	243.3	242.0	241.8	241.0	234.4	230.9	229.8	228.6	223.2
Communications equipment .....	194.1	190.8	189.0	187.1	186.0	185.5	182.0	180.1	177.6	177.8	176.5	174.1	169.6
Semiconductors and electronic components .....	539.7	535.1	531.1	525.5	519.2	513.9	507.6	503.7	498.8	496.0	494.1	492.0	487.4
Electronic instruments .....	453.3	452.3	448.8	447.2	445.8	444.1	442.5	441.3	441.4	438.7	436.5	432.9	429.9
Electrical equipment and appliances .....	501.7	499.6	500.4	494.9	492.0	489.1	486.8	485.2	482.4	479.8	477.5	473.8	470.6
Transportation equipment .....	1,836.4	1,832.9	1,827.8	1,824.0	1,818.0	1,815.5	1,808.7	1,804.7	1,806.5	1,800.7	1,792.5	1,771.8	1,780.5
Furniture and related products .....	609.1	609.4	609.0	604.3	599.8	596.9	594.2	589.1	587.0	582.9	582.0	576.5	573.7
Miscellaneous manufacturing .....	693.0	692.1	692.2	691.4	690.9	688.3	691.1	687.9	686.0	684.5	683.0	682.5	678.4
<b>Nondurable goods .....</b>	5,800	5,793	5,793	5,761	5,761	5,743	5,729	5,704	5,700	5,686	5,671	5,644	5,628
Food manufacturing .....	1,523.7	1,523.8	1,520.3	1,514.5	1,518.0	1,520.0	1,520.0	1,518.5	1,517.1	1,514.7	1,513.3	1,511.1	1,509.7
Beverages and tobacco products .....	207.4	206.8	206.0	205.0	205.3	203.1	200.2	200.2	199.0	198.2	196.1	194.8	195.2
Textile mills .....	294.1	293.0	294.2	291.3	289.6	287.5	286.8	284.9	285.2	283.7	281.6	277.5	273.1
Textile product mills .....	197.0	196.3	196.1	195.6	195.2	195.4	194.9	193.7	191.7	192.6	192.6	190.6	189.0
Apparel .....	361.2	361.5	357.9	354.2	352.0	346.7	343.2	337.2	331.8	325.9	322.1	317.8	315.1
Leather and allied products .....	50.6	49.9	51.5	48.9	48.7	48.6	47.7	47.3	46.7	46.0	45.8	45.1	44.5
Paper and paper products .....	550.9	550.4	549.5	548.9	547.7	545.6	544.6	541.5	539.7	538.5	535.1	532.2	529.4
Printing and related support activities .....	713.1	710.5	709.4	704.2	702.4	701.3	697.5	689.8	694.5	694.0	696.4	695.9	697.4
Petroleum and coal products .....	118.7	118.3	118.7	118.6	119.2	118.7	119.4	119.7	120.4	120.4	120.3	119.5	119.4
Chemicals .....	930.1	929.2	928.4	926.7	930.5	925.1	924.7	925.8	926.0	924.2	922.5	920.7	919.2
Plastics and rubber products .....	852.9	853.7	860.8	853.3	852.2	851.0	850.1	845.4	848.0	847.4	845.1	839.1	835.8
<b>Service-providing .....</b>	107,744	107,744	107,616	107,697	107,792	107,973	108,000	107,875	108,068	108,044	107,925	107,980	107,992
<b>Private service-providing .....</b>	86,240	86,252	86,168	86,218	86,266	86,429	86,460	86,319	86,492	86,456	86,378	86,435	86,472
<b>Trade, transportation, and utilities .....</b>	25,536	25,530	25,513	25,458	25,430	25,439	25,406	25,378	25,376	25,346	25,338	25,332	25,307
<b>Wholesale trade .....</b>	5,650.7	5,649.8	5,641.5	5,624.4	5,625.2	5,618.9	5,604.9	5,603.9	5,596.0	5,596.2	5,594.0	5,591.2	5,585.1
Durable goods .....	3,013.6	3,011.6	3,006.1	2,991.1	2,995.7	2,990.8	2,984.3	2,978.7	2,967.9	2,967.0	2,961.2	2,957.2	2,953.3
Nondurable goods .....	2,016.7	2,018.2	2,017.2	2,015.7	2,013.3	2,010.1	2,004.3	2,009.6	2,011.5	2,010.7	2,013.6	2,013.2	2,012.4
Electronic markets and agents and brokers .....	620.4	620.0	618.2	617.6	616.2	618.0	616.3	615.6	616.6	618.5	619.2	620.8	619.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-3. Employees on nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted—Continued**

(In thousands)

Industry	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>Retail trade</b> .....	15,069.0	15,065.0	15,061.9	15,033.3	15,016.0	15,025.2	15,014.0	15,005.6	15,009.2	14,987.3	14,994.7	15,008.0	14,994.1
Motor vehicle and parts dealers <sup>1</sup> .....	1,881.4	1,883.3	1,884.2	1,883.2	1,882.6	1,886.8	1,883.8	1,878.9	1,876.8	1,874.9	1,875.5	1,875.8	1,880.0
Automobile dealers .....	1,251.7	1,251.1	1,252.4	1,252.4	1,253.0	1,254.9	1,255.0	1,249.6	1,245.5	1,242.1	1,241.5	1,242.2	1,244.6
Furniture and home furnishings stores .....	536.1	537.8	540.2	541.8	543.5	546.8	548.7	548.4	549.9	552.0	547.6	547.9	545.0
Electronics and appliance stores .....	526.7	527.6	527.0	525.0	524.6	526.4	529.3	529.8	531.6	526.9	524.8	525.5	525.2
Building material and garden supply stores .....	1,181.3	1,182.6	1,186.9	1,185.2	1,182.2	1,184.2	1,184.2	1,183.9	1,190.6	1,183.6	1,181.8	1,186.9	1,187.5
Food and beverage stores .....	2,878.1	2,872.0	2,858.7	2,857.1	2,851.7	2,852.5	2,842.5	2,833.5	2,827.0	2,820.2	2,822.9	2,823.7	2,823.5
Health and personal care stores .....	943.0	944.7	947.0	947.7	949.7	949.2	949.5	952.5	956.8	960.1	962.6	966.1	966.9
Gasoline stations .....	902.7	902.4	902.9	902.2	903.6	903.6	903.7	904.2	905.2	905.0	907.1	911.2	908.6
Clothing and clothing accessories stores .....	1,308.3	1,307.8	1,313.0	1,311.7	1,304.4	1,307.4	1,304.5	1,308.5	1,291.2	1,279.7	1,282.8	1,287.9	1,285.0
Sporting goods, hobby, book, and music stores .....	667.9	668.4	665.6	662.7	657.8	655.3	650.1	637.8	653.5	652.6	650.8	650.4	650.2
General merchandise stores <sup>1</sup> .....	2,834.6	2,827.5	2,828.3	2,809.0	2,809.2	2,809.1	2,817.5	2,827.6	2,834.2	2,838.8	2,846.4	2,840.3	2,835.8
Department stores .....	1,714.2	1,706.8	1,705.7	1,695.0	1,694.5	1,696.6	1,712.0	1,727.5	1,720.9	1,718.6	1,710.6	1,698.1	1,693.6
Miscellaneous store retailers .....	960.6	963.7	962.1	961.0	960.8	960.8	957.2	954.6	952.4	949.1	949.8	949.7	945.9
Nonstore retailers .....	448.3	447.2	446.0	446.7	445.9	443.1	443.0	445.9	440.0	444.4	442.6	442.6	440.5
<b>Transportation and warehousing</b> .....	4,215.2	4,214.4	4,209.0	4,200.4	4,188.4	4,194.6	4,188.9	4,170.7	4,174.6	4,166.7	4,153.8	4,137.9	4,134.2
Air transportation .....	562.4	565.2	564.0	561.1	559.0	556.3	556.3	553.9	551.3	545.8	537.3	527.3	522.0
Rail transportation .....	217.5	215.0	216.1	216.3	215.5	215.1	216.8	216.3	215.7	215.3	215.3	216.2	215.7
Water transportation .....	52.4	51.3	50.7	50.8	50.4	50.4	50.3	50.3	50.6	50.5	50.1	49.8	49.6
Truck transportation .....	1,342.7	1,339.9	1,334.5	1,332.9	1,330.4	1,336.2	1,333.2	1,331.9	1,327.6	1,324.3	1,328.1	1,323.7	1,323.3
Transit and ground passenger transportation .....	375.0	374.0	377.4	372.7	364.7	365.1	363.3	360.8	358.0	357.5	351.9	351.9	349.3
Pipeline transportation .....	41.9	41.5	41.1	40.7	40.5	40.4	40.2	40.2	40.0	39.8	40.2	40.3	40.4
Scenic and sightseeing transportation .....	25.8	26.2	26.7	26.9	26.7	26.2	25.7	25.6	24.0	25.6	27.1	27.9	28.3
Support activities for transportation .....	524.9	531.1	528.2	527.6	525.1	528.1	528.2	531.2	527.7	527.9	525.9	523.3	529.5
Couriers and messengers .....	561.8	559.4	559.0	556.8	558.6	557.5	556.3	545.0	561.4	558.9	563.3	562.8	562.6
Warehousing and storage .....	510.8	510.8	511.3	514.6	517.5	519.3	518.6	515.5	518.3	521.1	514.6	514.7	513.5
<b>Utilities</b> .....	600.7	600.9	600.5	600.0	600.1	600.6	598.3	597.3	596.4	595.9	595.3	594.8	594.0
<b>Information</b> .....	3,434	3,424	3,410	3,401	3,383	3,392	3,382	3,353	3,328	3,308	3,305	3,307	3,301
Publishing industries, except Internet .....	968.4	967.3	967.6	966.9	965.1	964.7	962.6	962.2	954.0	955.3	953.5	951.1	947.4
Motion picture and sound recording industries .....	389.5	389.8	386.0	387.1	384.0	394.7	394.3	381.6	377.8	367.0	369.3	371.3	374.6
Broadcasting, except Internet .....	334.3	335.0	333.2	332.0	330.5	330.3	331.0	332.1	327.2	325.0	325.7	325.0	324.0
Internet publishing and broadcasting .....	34.8	34.7	34.3	34.9	33.9	34.2	33.0	32.9	33.0	33.3	33.6	33.6	33.0
Telecommunications .....	1,211.5	1,203.2	1,195.4	1,188.8	1,180.2	1,177.7	1,174.9	1,162.5	1,158.7	1,151.4	1,146.9	1,146.9	1,144.8
ISPs, search portals, and data processing .....	448.4	446.9	445.2	444.5	443.1	444.0	439.1	435.8	430.3	429.5	430.4	432.6	431.6
Other information services .....	46.8	46.8	47.8	47.2	46.3	46.5	46.9	45.8	46.5	46.3	46.0	46.2	45.5
<b>Financial activities</b> .....	7,825	7,830	7,830	7,830	7,851	7,872	7,880	7,889	7,902	7,916	7,930	7,953	7,965
Finance and insurance .....	5,798.1	5,799.3	5,802.2	5,804.0	5,820.8	5,841.1	5,851.1	5,861.0	5,872.4	5,885.2	5,894.8	5,912.5	5,924.5
Monetary authorities - central bank .....	23.3	23.2	23.2	23.1	23.0	22.9	23.0	22.7	22.7	22.3	22.3	22.2	22.2
Credit intermediation and related activities <sup>1</sup> .....	2,663.8	2,667.9	2,677.5	2,682.3	2,696.5	2,714.0	2,722.8	2,729.1	2,734.9	2,741.9	2,752.3	2,769.3	2,788.6
Depository credit intermediation <sup>1</sup> .....	1,735.0	1,735.3	1,737.7	1,739.6	1,741.4	1,745.6	1,748.3	1,751.3	1,755.1	1,757.1	1,762.3	1,765.7	1,770.5
Commercial banking .....	1,282.9	1,283.0	1,284.3	1,285.3	1,285.7	1,288.8	1,291.2	1,292.8	1,296.1	1,297.5	1,300.4	1,301.8	1,305.2
Securities, commodity contracts, investments .....	804.0	803.4	797.2	795.7	797.6	796.9	798.2	799.4	802.3	803.1	799.3	794.8	790.4
Insurance carriers and related activities .....	2,220.9	2,219.3	2,219.1	2,218.5	2,219.0	2,222.2	2,222.7	2,225.7	2,228.5	2,233.9	2,236.8	2,242.6	2,240.0
Funds, trusts, and other financial vehicles .....	86.1	85.5	85.2	84.4	84.7	85.1	84.4	84.1	84.0	84.0	84.1	83.6	83.3
Real estate and rental and leasing .....	2,027.3	2,031.0	2,028.1	2,026.0	2,030.4	2,031.1	2,029.2	2,028.3	2,029.2	2,030.6	2,034.7	2,040.5	2,040.6
Real estate .....	1,343.7	1,345.0	1,342.2	1,342.3	1,350.7	1,354.4	1,357.3	1,355.7	1,353.8	1,356.9	1,359.9	1,363.7	1,362.7

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-3. Employees on nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted—Continued**

(In thousands)

Industry	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>Financial activities-Continued</b>													
Rental and leasing services .....	655.3	657.1	656.9	655.7	652.1	648.9	644.9	645.8	648.7	646.7	647.0	648.4	648.9
Lessors of nonfinancial intangible assets.....	28.3	28.9	29.0	28.0	27.6	27.8	27.0	26.8	26.7	27.0	27.8	28.4	29.0
<b>Professional and business services</b>	16,035	16,026	15,973	16,008	16,008	16,036	16,014	15,972	16,015	16,043	15,980	15,981	16,029
Professional and technical services <sup>1</sup> .....	6,708.0	6,693.6	6,690.5	6,704.8	6,714.8	6,738.3	6,731.9	6,716.9	6,745.3	6,790.5	6,758.4	6,744.7	6,716.9
Legal services .....	1,109.9	1,108.3	1,107.8	1,111.0	1,116.2	1,121.7	1,120.6	1,120.2	1,119.8	1,124.1	1,125.7	1,128.3	1,127.3
Accounting and bookkeeping services.....	875.3	868.9	867.3	873.1	876.4	882.7	884.3	872.6	910.6	941.2	913.5	900.8	870.9
Architectural and engineering services.....	1,251.2	1,247.8	1,247.7	1,248.5	1,248.8	1,251.3	1,252.1	1,252.5	1,238.6	1,247.9	1,246.0	1,244.3	1,243.2
Computer systems design and related services.....	1,161.9	1,157.9	1,162.1	1,154.5	1,150.7	1,153.4	1,150.1	1,142.7	1,142.8	1,144.3	1,144.5	1,148.6	1,146.4
Management and technical consulting services.....	729.9	727.1	723.6	735.8	736.1	734.0	733.4	739.8	734.8	736.2	735.5	733.0	734.7
Management of companies and enterprises.....	1,710.3	1,712.5	1,707.3	1,704.6	1,706.0	1,703.9	1,699.0	1,694.2	1,696.8	1,697.1	1,697.9	1,698.6	1,696.3
Administrative and waste services .....	7,617.1	7,620.3	7,574.7	7,598.2	7,587.3	7,594.0	7,583.0	7,561.0	7,572.9	7,555.7	7,523.3	7,537.3	7,615.7
Administrative and support services <sup>1</sup> .....	7,300.8	7,303.5	7,257.4	7,281.6	7,273.6	7,279.2	7,271.1	7,244.9	7,255.5	7,239.9	7,207.8	7,216.9	7,295.6
Employment services <sup>1</sup> .....	3,273.2	3,283.4	3,246.5	3,268.8	3,255.2	3,260.8	3,256.8	3,259.2	3,292.7	3,287.8	3,245.9	3,235.0	3,288.8
Temporary help services .....	2,214.4	2,222.3	2,172.8	2,219.1	2,202.1	2,192.6	2,174.4	2,159.4	2,170.2	2,151.6	2,135.9	2,122.5	2,180.2
Business support services .....	759.1	747.3	745.8	743.0	742.8	749.1	755.8	757.0	746.0	743.8	746.5	747.8	746.8
Services to buildings and dwellings.....	1,596.3	1,600.8	1,604.3	1,604.6	1,611.0	1,606.7	1,601.0	1,591.7	1,585.8	1,580.4	1,576.4	1,589.2	1,598.4
Waste management and remediation services.....	316.3	316.8	317.3	316.6	313.7	314.8	311.9	316.1	317.4	315.8	315.5	320.4	320.1
<b>Education and health services</b>	16,130	16,183	16,194	16,241	16,273	16,315	16,357	16,373	16,405	16,430	16,452	16,498	16,516
Educational services .....	2,641.4	2,659.5	2,662.5	2,665.5	2,671.3	2,681.3	2,690.3	2,695.1	2,700.0	2,707.4	2,711.5	2,726.4	2,735.4
Health care and social assistance .....	13,488.6	13,523.4	13,531.9	13,575.4	13,601.4	13,633.3	13,666.5	13,677.5	13,704.5	13,722.6	13,740.5	13,771.5	13,780.1
Ambulatory health care services <sup>1</sup> .....	4,612.2	4,621.7	4,624.9	4,649.4	4,675.0	4,692.0	4,708.5	4,712.5	4,718.5	4,727.6	4,739.1	4,752.3	4,763.9
Offices of physicians .....	1,967.9	1,971.8	1,984.7	1,993.0	2,001.3	2,009.0	2,017.7	2,022.1	2,023.4	2,031.5	2,037.4	2,040.5	2,042.6
Outpatient care centers .....	409.1	407.7	409.3	409.5	411.1	412.2	412.3	412.2	412.0	411.8	412.1	412.8	413.4
Home health care services .....	672.8	678.1	672.3	674.5	681.9	687.9	689.6	693.0	694.2	693.0	698.6	703.7	707.5
Hospitals .....	4,141.6	4,149.7	4,159.6	4,165.4	4,173.7	4,179.0	4,187.0	4,190.4	4,197.8	4,204.7	4,210.9	4,213.1	4,217.0
Nursing and residential care facilities.....	2,737.0	2,739.3	2,740.8	2,746.1	2,751.7	2,757.1	2,763.4	2,766.1	2,770.1	2,770.8	2,776.4	2,784.3	2,787.5
Nursing care facilities .....	1,571.9	1,572.4	1,573.4	1,575.0	1,579.6	1,580.8	1,580.9	1,579.2	1,582.0	1,582.5	1,587.2	1,586.0	1,588.7
Social assistance <sup>1</sup> .....	1,997.8	2,012.7	2,006.6	2,014.5	2,001.0	2,005.2	2,007.6	2,008.5	2,018.1	2,019.5	2,014.1	2,021.8	2,011.7
Child day care services .....	730.3	743.2	769.3	740.8	725.7	726.2	725.9	725.2	727.1	729.0	724.5	723.9	717.7
<b>Leisure and hospitality</b>	11,922	11,904	11,918	11,940	11,975	12,032	12,069	12,019	12,132	12,084	12,050	12,043	12,034
Arts, entertainment, and recreation .....	1,758.3	1,749.9	1,741.4	1,751.2	1,772.9	1,790.1	1,806.2	1,817.8	1,835.6	1,809.5	1,781.8	1,763.2	1,757.4
Performing arts and spectator sports .....	351.9	342.1	330.7	342.9	353.6	360.9	369.1	367.2	358.7	358.4	359.0	356.9	352.2
Museums, historical sites, zoos, and parks.....	112.9	113.0	112.0	110.7	111.4	111.2	111.2	110.5	111.6	111.2	109.9	108.6	109.0
Amusements, gambling, and recreation.....	1,293.5	1,294.8	1,298.7	1,297.6	1,307.9	1,318.0	1,325.9	1,340.1	1,365.3	1,339.9	1,312.9	1,297.7	1,296.2
Accommodations and food services .....	10,163.7	10,153.9	10,176.4	10,189.2	10,201.7	10,241.6	10,262.9	10,200.8	10,296.1	10,274.8	10,267.7	10,279.4	10,276.6
Accommodations .....	1,773.9	1,767.4	1,759.1	1,762.4	1,778.2	1,789.1	1,802.3	1,805.2	1,812.0	1,801.7	1,788.4	1,769.8	1,762.9
Food services and drinking places .....	8,389.8	8,386.5	8,417.3	8,426.8	8,423.5	8,452.5	8,460.6	8,395.6	8,484.1	8,473.1	8,479.3	8,509.6	8,513.7
<b>Other services</b>	5,358	5,355	5,330	5,340	5,346	5,343	5,352	5,335	5,334	5,329	5,323	5,321	5,320
Repair and maintenance .....	1,243.4	1,246.5	1,240.0	1,237.5	1,233.7	1,230.4	1,236.3	1,224.3	1,218.6	1,215.3	1,213.8	1,213.5	1,210.8
Personal and laundry services .....	1,252.4	1,251.1	1,247.0	1,247.5	1,240.0	1,237.5	1,236.2	1,232.7	1,235.6	1,234.8	1,229.5	1,227.5	1,227.0
Membership associations and organizations.....	2,862.2	2,857.6	2,843.3	2,854.8	2,871.9	2,875.3	2,879.7	2,878.2	2,879.4	2,879.0	2,880.0	2,880.3	2,881.9
<b>Government</b>	21,504	21,492	21,448	21,479	21,526	21,544	21,540	21,556	21,576	21,588	21,547	21,545	21,520
Federal .....	2,780	2,779	2,761	2,765	2,774	2,781	2,782	2,778	2,786	2,791	2,789	2,782	2,778
Federal, except U.S. Postal Service .....	1,909.6	1,916.6	1,920.1	1,926.9	1,937.7	1,947.5	1,954.2	1,956.4	1,960.3	1,966.2	1,964.8	1,959.6	1,954.6
U.S. Postal Service .....	870.7	861.9	840.8	838.4	836.1	833.6	827.3	821.7	825.3	824.8	823.9	822.8	823.0
State government .....	5,023	5,019	5,015	5,013	4,993	4,984	4,983	4,984	4,974	4,979	4,958	4,955	4,946

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-3. Employees on nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted—Continued**

(In thousands)

Industry	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>Government-Continued</b>													
State government education .....	2,231.0	2,234.3	2,236.4	2,232.5	2,212.5	2,203.0	2,203.0	2,202.5	2,196.8	2,205.1	2,188.7	2,191.5	2,189.4
State government, excluding education.....	2,792.1	2,784.3	2,778.8	2,780.3	2,780.5	2,780.8	2,780.0	2,781.0	2,777.3	2,773.4	2,769.7	2,763.7	2,756.7
Local government .....	13,701	13,694	13,672	13,701	13,759	13,779	13,775	13,794	13,816	13,818	13,800	13,808	13,796
Local government education .....	7,639.3	7,648.2	7,661.3	7,673.7	7,683.9	7,691.5	7,697.0	7,698.1	7,708.5	7,712.4	7,693.6	7,697.6	7,689.3
Local government, excluding education.....	6,061.7	6,046.2	6,011.0	6,027.3	6,075.1	6,087.7	6,077.9	6,095.8	6,107.6	6,105.7	6,106.5	6,110.0	6,107.0

<sup>1</sup> Includes other industries, not shown separately.

<sup>P</sup> = preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures,

NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES  
SEASONALLY ADJUSTED**

**B-4. Women employees on nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted**

(In thousands)

Industry	2002									2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>
<b>Total nonfarm...</b>	63,403	63,353	63,348	63,296	63,357	63,302	63,366	63,368	63,325	63,387	63,349	63,236	63,265
<b>Total private.....</b>	51,102	51,025	51,023	50,984	50,980	50,979	51,042	51,050	50,993	51,066	51,027	50,934	50,955
<b>Goods-producing.....</b>	5,547	5,529	5,506	5,484	5,468	5,449	5,432	5,415	5,391	5,372	5,349	5,333	5,303
<b>Natural resources and mining<sup>1</sup>.....</b>	87	88	85	84	84	84	84	84	83	82	82	81	80
Mining.....	79.6	80.9	78.7	78.0	77.6	77.4	77.9	77.4	76.9	76.1	75.8	75.7	74.5
<b>Construction.....</b>	829	829	825	823	827	828	829	833	835	834	831	831	832
<b>Manufacturing.....</b>	4,631	4,612	4,596	4,577	4,557	4,537	4,519	4,498	4,473	4,456	4,436	4,421	4,391
<b>Durable goods.....</b>	2,523	2,510	2,497	2,485	2,471	2,456	2,446	2,433	2,420	2,406	2,395	2,390	2,370
<b>Nondurable goods.....</b>	2,108	2,102	2,099	2,092	2,086	2,081	2,073	2,065	2,053	2,050	2,041	2,031	2,021
<b>Service-providing.....</b>	57,856	57,824	57,842	57,812	57,889	57,853	57,934	57,953	57,934	58,015	58,000	57,903	57,962
<b>Private service-providing.....</b>	45,555	45,496	45,517	45,500	45,512	45,530	45,610	45,635	45,602	45,694	45,678	45,601	45,652
<b>Trade, transportation, and utilities.....</b>	10,521	10,487	10,482	10,473	10,445	10,421	10,412	10,396	10,390	10,392	10,371	10,355	10,350
<b>Wholesale trade.....</b>	1,720.1	1,714.7	1,716.9	1,714.2	1,708.8	1,706.2	1,702.4	1,693.7	1,697.6	1,698.2	1,695.5	1,694.7	1,690.4
<b>Retail trade.....</b>	7,506.6	7,480.2	7,470.9	7,462.2	7,445.6	7,431.5	7,421.9	7,413.6	7,404.4	7,405.9	7,393.1	7,385.6	7,388.7
<b>Transportation and warehousing.....</b>	1,143.5	1,141.5	1,143.6	1,145.1	1,139.5	1,131.6	1,135.2	1,137.0	1,135.9	1,136.2	1,131.1	1,123.2	1,117.7
<b>Utilities.....</b>	150.3	150.5	150.9	151.1	151.0	151.4	152.1	151.9	151.7	151.5	151.2	151.7	152.7
<b>Information.....</b>	1,587	1,578	1,569	1,559	1,557	1,537	1,538	1,531	1,510	1,501	1,491	1,489	1,484
<b>Financial activities.....</b>	4,745	4,737	4,736	4,739	4,742	4,754	4,774	4,778	4,787	4,790	4,796	4,804	4,815
Finance and insurance.....	3,829.6	3,823.4	3,819.3	3,824.5	3,827.5	3,835.3	3,847.7	3,853.3	3,861.4	3,865.0	3,869.9	3,875.7	3,880.8
Real estate and rental and leasing.....	915.1	914.0	916.2	914.2	914.3	918.5	926.6	924.5	925.5	924.8	925.7	927.9	934.5
<b>Professional and business services.....</b>	7,374	7,354	7,341	7,295	7,310	7,321	7,324	7,325	7,307	7,314	7,342	7,299	7,302
Professional and technical services.....	3,164.4	3,179.0	3,175.9	3,177.5	3,184.4	3,193.7	3,208.3	3,214.1	3,201.1	3,228.0	3,261.5	3,233.6	3,230.0
Management of companies and enterprises.....	880.1	877.8	874.3	868.8	866.3	866.2	862.2	862.2	858.6	853.1	851.8	853.0	853.2
Administrative and waste services.....	3,329.3	3,296.9	3,290.9	3,249.0	3,259.4	3,260.7	3,253.9	3,248.4	3,247.6	3,233.3	3,228.6	3,212.4	3,218.4
<b>Education and health services.....</b>	12,394	12,413	12,475	12,508	12,518	12,517	12,542	12,572	12,585	12,618	12,636	12,646	12,687
Educational services.....	1,570.6	1,581.4	1,600.8	1,615.7	1,603.1	1,588.2	1,590.5	1,595.7	1,585.0	1,596.6	1,598.7	1,601.1	1,612.4
Health care and social assistance.....	10,823.4	10,831.7	10,873.7	10,892.2	10,914.6	10,929.0	10,951.4	10,976.6	10,999.6	11,021.1	11,037.6	11,044.5	11,074.1
<b>Leisure and hospitality.....</b>	6,183	6,176	6,157	6,172	6,176	6,217	6,254	6,264	6,260	6,311	6,271	6,251	6,250
Arts, entertainment, and recreation.....	797.0	791.9	788.4	786.7	777.2	793.2	799.3	806.2	813.7	829.4	809.6	800.3	789.3
Accommodations and food services.....	5,385.5	5,383.9	5,368.4	5,385.7	5,398.5	5,423.5	5,455.0	5,457.5	5,446.0	5,481.5	5,460.9	5,450.8	5,460.9
<b>Other services.....</b>	2,751	2,751	2,757	2,754	2,764	2,763	2,766	2,769	2,763	2,768	2,771	2,757	2,764
<b>Government.....</b>	12,301	12,328	12,325	12,312	12,377	12,323	12,324	12,318	12,332	12,321	12,322	12,302	12,310
Federal.....	1,148	1,157	1,156	1,148	1,157	1,159	1,166	1,168	1,171	1,167	1,175	1,185	1,184
State government.....	2,615	2,620	2,621	2,617	2,614	2,608	2,601	2,599	2,594	2,591	2,588	2,578	2,581
Local government.....	8,538	8,551	8,548	8,547	8,606	8,556	8,557	8,551	8,567	8,563	8,559	8,539	8,545

<sup>1</sup> Includes other industries, not shown separately.

<sup>P</sup> = preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures,

NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>Total private</b> .....	88,521	88,430	88,279	88,208	88,204	88,278	88,204	88,017	88,054	87,930	87,711	87,707	87,671
<b>Goods-producing</b> .....	16,477	16,451	16,403	16,350	16,324	16,284	16,250	16,180	16,125	16,061	15,967	15,929	15,895
<b>Natural resources and mining</b> ....	439	433	427	427	425	426	425	422	417	419	414	412	413
<b>Construction</b> .....	5,202	5,200	5,172	5,183	5,184	5,173	5,177	5,163	5,144	5,126	5,106	5,145	5,151
<b>Manufacturing</b> .....	10,836	10,818	10,804	10,740	10,715	10,685	10,648	10,595	10,564	10,516	10,447	10,372	10,331
<b>Durable goods</b> .....	6,582	6,565	6,550	6,517	6,492	6,474	6,447	6,417	6,392	6,355	6,314	6,263	6,239
Wood products.....	450.7	449.0	448.8	448.1	447.9	447.5	446.2	442.7	444.7	443.9	438.7	438.8	437.1
Nonmetallic mineral products....	402.3	400.6	399.9	400.0	398.5	396.5	393.7	390.0	386.9	384.0	384.1	382.5	382.6
Primary metals.....	399.4	397.5	397.1	396.5	394.9	392.9	391.3	388.4	388.7	385.9	384.2	381.7	377.4
Fabricated metal products.....	1,152.8	1,150.0	1,147.8	1,142.1	1,138.9	1,134.8	1,128.1	1,122.9	1,117.2	1,107.2	1,105.4	1,098.8	1,093.6
Machinery.....	793.3	789.9	787.7	781.8	780.8	777.0	775.5	772.1	767.7	764.4	758.6	752.1	744.1
Computer and electronic products.....	758.4	757.9	752.4	744.5	739.1	738.0	733.8	732.1	726.1	723.0	714.2	708.2	701.9
Electrical equipment and appliances.....	356.3	354.3	354.5	349.9	347.6	345.7	342.5	341.3	338.6	336.3	333.6	330.6	327.0
Transportation equipment.....	1,311.0	1,310.2	1,307.0	1,306.0	1,301.7	1,304.6	1,299.5	1,298.8	1,298.7	1,294.7	1,281.9	1,265.1	1,275.5
Furniture and related products.....	480.5	480.2	479.7	474.5	469.3	466.3	464.7	461.3	458.5	453.8	452.3	445.9	443.9
Miscellaneous manufacturing....	476.9	475.0	474.8	473.8	473.4	470.5	471.4	467.4	464.7	462.0	460.6	459.4	455.9
<b>Nondurable goods</b> .....	4,254	4,253	4,254	4,223	4,223	4,211	4,201	4,178	4,172	4,161	4,133	4,109	4,092
Food manufacturing.....	1,198.2	1,200.4	1,197.6	1,192.8	1,198.1	1,200.1	1,200.5	1,198.6	1,197.3	1,195.8	1,190.1	1,187.5	1,184.6
Beverages and tobacco products.....	122.0	121.2	120.5	119.0	117.3	115.1	112.8	110.7	109.0	109.1	106.9	104.5	103.6
Textile mills.....	244.7	243.8	245.1	242.8	241.4	239.4	239.5	238.0	238.4	236.5	234.5	230.9	227.0
Textile product mills.....	155.4	155.1	154.9	155.3	154.3	154.3	154.1	153.2	151.1	151.9	150.7	149.3	148.4
Apparel.....	294.1	295.2	296.9	289.9	287.7	283.8	279.4	275.0	269.5	264.1	258.1	253.8	250.6
Leather and allied products.....	40.7	39.8	42.0	38.4	38.7	38.7	37.9	37.4	37.0	36.0	35.7	35.1	34.7
Paper and paper products.....	424.9	424.7	423.7	423.1	421.7	419.9	419.5	415.6	414.5	413.3	408.8	406.0	403.7
Printing and related support activities.....	496.9	495.4	493.6	489.5	488.6	487.3	484.9	480.3	481.9	483.1	483.6	482.4	484.1
Petroleum and coal products....	78.4	78.1	77.9	77.5	78.2	77.8	78.4	78.6	78.9	78.8	77.8	76.3	77.1
Chemicals.....	532.6	532.5	531.4	528.7	530.6	529.6	529.5	530.8	531.6	530.6	529.3	528.4	526.0
Plastics and rubber products....	666.5	666.9	670.4	666.3	666.8	664.6	664.3	659.9	662.3	661.6	657.8	654.7	652.5
<b>Private service-providing</b> ..	72,044	71,979	71,876	71,858	71,880	71,994	71,954	71,837	71,929	71,869	71,744	71,778	71,776
<b>Trade, transportation, and utilities</b> .....	21,396	21,377	21,348	21,300	21,271	21,252	21,209	21,174	21,162	21,129	21,107	21,101	21,059
<b>Wholesale trade</b> .....	4,481.8	4,474.5	4,461.8	4,444.7	4,449.9	4,436.1	4,419.5	4,413.7	4,401.8	4,394.5	4,391.8	4,388.4	4,375.3
<b>Retail trade</b> .....	12,824.7	12,814.3	12,803.2	12,775.0	12,756.3	12,751.6	12,738.1	12,728.2	12,724.9	12,704.9	12,709.9	12,719.1	12,701.2
<b>Transportation and warehousing</b> .....	3,608.3	3,606.4	3,601.6	3,599.0	3,583.1	3,582.0	3,570.9	3,552.8	3,557.2	3,552.1	3,528.2	3,517.8	3,507.5
<b>Utilities</b> .....	481.3	481.7	481.5	481.6	481.8	481.8	480.2	479.6	478.2	477.7	477.0	476.0	475.3
<b>Information</b> .....	2,423	2,415	2,404	2,395	2,387	2,404	2,397	2,377	2,412	2,409	2,411	2,416	2,419
<b>Financial activities</b> .....	5,856	5,856	5,856	5,857	5,882	5,899	5,899	5,904	5,910	5,915	5,926	5,939	5,951
<b>Professional and business services</b> .....	13,130	13,086	13,030	13,038	13,020	13,047	13,019	12,963	12,989	13,001	12,915	12,910	12,926
<b>Education and health services</b> ....	14,263	14,316	14,329	14,348	14,367	14,390	14,411	14,421	14,434	14,443	14,453	14,500	14,527
<b>Leisure and hospitality</b> .....	10,533	10,497	10,495	10,505	10,539	10,590	10,601	10,600	10,626	10,582	10,549	10,532	10,524
<b>Other services</b> .....	4,443	4,432	4,414	4,415	4,414	4,412	4,418	4,398	4,396	4,390	4,383	4,380	4,370

<sup>1</sup>Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

<sup>P</sup>= preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic

data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.



**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, 278 industries <sup>1</sup>												
Over 1-month span:												
1999 .....	56.3	64.7	56.7	65.8	64.2	61.9	63.3	59.9	57.6	64.4	69.1	64.4
2000 .....	65.5	60.3	65.5	58.8	47.7	61.7	65.5	52.9	52.3	54.1	57.7	53.2
2001 .....	52.3	49.6	48.6	36.5	41.4	38.1	35.6	38.5	39.0	35.6	37.8	36.0
2002 .....	40.5	37.4	37.6	41.0	41.7	43.7	39.0	41.7	43.3	43.9	42.4	37.2
2003 .....	44.2	36.7	44.1	P 43.5	P 43.3							
Over 3-month span:												
1999 .....	61.5	64.9	61.0	65.8	66.4	69.1	66.9	64.4	62.2	62.9	66.7	69.6
2000 .....	70.1	66.0	68.3	68.3	58.5	56.3	58.1	62.2	55.9	53.1	54.0	58.3
2001 .....	54.9	50.7	50.5	43.5	37.2	36.0	36.2	35.8	34.5	32.2	31.7	30.9
2002 .....	34.4	38.3	36.5	35.4	36.7	38.8	39.7	41.4	38.1	39.0	37.8	34.9
2003 .....	36.0	35.6	36.0	P 38.8	P 43.0							
Over 6-month span:												
1999 .....	66.9	64.9	63.7	64.0	65.6	65.8	66.7	66.2	69.4	68.7	66.4	66.5
2000 .....	67.6	68.7	71.4	71.9	68.5	66.2	67.3	60.4	58.3	55.0	61.0	55.2
2001 .....	53.2	51.4	50.7	47.1	42.8	38.8	37.6	34.5	31.1	32.9	31.3	31.7
2002 .....	30.6	29.9	31.1	31.3	33.3	35.8	36.9	37.4	37.8	39.9	38.3	35.8
2003 .....	37.4	36.5	35.1	P 34.5	P 37.8							
Over 12-month span:												
1999 .....	70.5	68.7	68.2	68.0	68.3	68.3	68.0	68.0	67.8	69.1	68.3	69.1
2000 .....	70.9	69.2	73.2	71.0	69.8	71.0	70.0	70.3	70.3	65.6	63.8	62.1
2001 .....	59.5	59.5	53.4	49.3	48.6	45.0	43.3	43.9	39.9	37.8	37.1	34.9
2002 .....	33.6	31.7	30.2	30.2	30.4	30.6	30.8	31.8	31.5	30.0	33.5	33.3
2003 .....	33.8	33.3	34.5	P 35.8	P 35.8							
Manufacturing payrolls, 84 industries <sup>1</sup>												
Over 1-month span:												
1999 .....	42.3	38.7	33.3	39.3	52.4	34.5	50.0	40.5	41.7	50.6	56.0	51.8
2000 .....	50.6	53.6	54.8	42.9	39.9	53.6	62.5	28.6	24.4	35.1	41.1	38.7
2001 .....	24.4	22.0	24.4	14.3	14.3	19.6	14.3	13.7	17.9	16.7	16.7	9.5
2002 .....	19.0	22.6	20.8	33.9	30.4	32.1	34.5	25.0	31.0	19.6	21.4	25.0
2003 .....	36.3	19.0	27.4	P 14.9	P 28.0							
Over 3-month span:												
1999 .....	33.9	40.5	37.5	35.7	41.7	43.5	42.3	38.1	41.1	44.6	49.4	56.5
2000 .....	54.2	54.8	58.3	51.8	41.7	41.1	54.8	48.2	29.2	25.6	25.0	42.3
2001 .....	34.5	24.4	17.9	14.3	11.9	14.3	10.7	7.7	8.3	9.5	8.9	8.3
2002 .....	11.9	11.9	16.7	20.2	21.4	20.2	28.6	25.6	25.6	17.9	14.9	10.7
2003 .....	14.9	15.5	19.6	P 12.5	P 14.9							
Over 6-month span:												
1999 .....	37.5	32.7	30.4	33.3	36.9	38.1	38.1	34.5	40.5	46.4	41.1	48.2
2000 .....	47.0	51.2	56.5	57.1	49.4	47.6	56.0	44.0	36.9	35.1	34.5	31.0
2001 .....	23.8	24.4	20.8	17.9	14.9	11.9	13.7	9.5	8.3	6.5	6.5	6.0
2002 .....	7.7	8.9	7.7	8.9	12.5	16.7	19.6	19.6	23.8	17.9	16.7	13.7
2003 .....	13.7	14.3	12.5	P 11.9	P 13.7							
Over 12-month span:												
1999 .....	35.7	32.1	29.8	32.1	32.7	32.1	34.5	32.1	33.3	39.3	41.1	42.9
2000 .....	41.7	39.3	47.0	50.0	46.4	52.4	51.8	49.4	46.4	40.5	35.1	33.3
2001 .....	29.8	32.1	20.8	19.0	13.1	12.5	10.7	11.9	11.9	10.1	8.3	6.0
2002 .....	7.1	6.0	6.0	7.1	7.7	5.4	6.0	8.9	7.7	9.5	13.1	13.1
2003 .....	13.7	15.5	16.7	P 11.9	P 13.7							

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

P = preliminary.

NOTE: Figures are the percent of industries with employment plus one-half of the industries with unchanged employment, where 50 percent indicates an equal balance between industries with increasing and decreasing employment. Data reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic

data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	2002										2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	
	Total <sup>1</sup>													
Alabama	1,887.1	1,886.3	1,883.4	1,886.7	1,888.3	1,887.6	1,891.0	1,887.7	1,883.2	1,880.9	1,876.3	1,875.6	1,869.9	
Alaska	293.3	293.5	293.8	295.4	296.3	296.7	297.8	297.7	299.5	297.6	297.8	297.9	296.5	
Arizona	2,262.9	2,263.5	2,264.9	2,270.4	2,276.6	2,268.7	2,271.4	2,273.7	2,264.6	2,273.9	2,270.4	2,275.3	2,277.9	
Arkansas	1,145.5	1,149.0	1,146.5	1,147.9	1,146.8	1,150.2	1,148.7	1,148.2	1,148.4	1,149.4	1,147.1	1,147.5	1,148.5	
California	14,486.4	14,513.6	14,503.5	14,454.5	14,479.3	14,470.4	14,492.5	14,502.4	14,464.9	14,493.3	14,478.2	14,475.2	14,462.1	
Colorado	2,188.2	2,194.3	2,189.3	2,182.6	2,185.5	2,181.3	2,181.0	2,176.4	2,173.5	2,172.1	2,165.3	2,163.6	2,167.6	
Connecticut	1,675.2	1,673.2	1,672.1	1,661.7	1,664.5	1,663.9	1,662.9	1,662.4	1,660.2	1,661.7	1,655.0	1,656.2	1,655.0	
Delaware	412.1	413.6	411.6	410.9	410.0	414.9	415.9	415.7	412.5	412.5	409.3	408.4	409.3	
District of Columbia	663.8	664.0	663.8	664.3	665.2	665.7	665.5	661.4	662.0	665.7	664.5	667.7	669.1	
Florida	7,184.3	7,201.5	7,200.1	7,214.7	7,217.3	7,231.6	7,236.6	7,261.7	7,238.8	7,252.3	7,259.3	7,249.0	7,277.1	
Georgia <sup>2</sup>	3,916.8	3,911.6	3,903.1	3,899.6	3,906.5	3,902.3	3,909.3	3,911.2	3,903.1	3,903.5	3,899.4	3,910.7	3,898.9	
Hawaii	548.3	554.9	558.4	556.3	556.5	558.5	562.3	561.3	562.2	566.3	564.1	563.0	562.1	
Idaho	566.3	567.6	567.9	568.9	568.7	568.8	569.2	569.9	569.3	563.2	563.8	565.6	566.3	
Illinois	5,887.2	5,882.9	5,871.6	5,887.9	5,902.7	5,902.7	5,914.1	5,913.8	5,919.4	5,901.4	5,872.1	5,855.3	5,841.7	
Indiana	2,880.3	2,884.1	2,883.7	2,907.0	2,898.8	2,895.0	2,898.7	2,892.3	2,880.4	2,882.3	2,871.9	2,868.6	2,857.9	
Iowa	1,449.4	1,448.4	1,446.4	1,443.9	1,439.1	1,444.7	1,447.3	1,445.9	1,443.5	1,445.0	1,447.6	1,440.9	1,440.8	
Kansas	1,339.0	1,340.0	1,341.4	1,337.0	1,339.1	1,337.1	1,338.6	1,339.1	1,339.0	1,333.8	1,337.2	1,334.3	1,331.6	
Kentucky	1,788.1	1,787.2	1,787.7	1,775.6	1,784.3	1,783.2	1,786.4	1,787.6	1,783.3	1,792.5	1,785.3	1,783.1	1,774.6	
Louisiana	1,901.5	1,899.7	1,899.8	1,898.3	1,901.1	1,899.2	1,895.8	1,896.9	1,898.4	1,903.2	1,897.9	1,895.7	1,894.0	
Maine	606.0	606.4	606.4	608.1	607.8	606.3	605.9	603.8	604.2	605.4	603.6	604.6	605.2	
Maryland	2,475.0	2,478.4	2,477.1	2,454.0	2,470.0	2,469.3	2,466.5	2,470.6	2,478.2	2,469.2	2,469.8	2,473.5	2,487.7	
Massachusetts	3,256.3	3,258.0	3,251.7	3,266.3	3,259.9	3,251.7	3,238.4	3,226.4	3,220.9	3,215.1	3,209.1	3,202.6	3,208.5	
Michigan	4,474.9	4,481.4	4,479.9	4,475.9	4,490.0	4,484.6	4,481.9	4,474.3	4,451.1	4,445.6	4,437.0	4,421.2	4,403.4	
Minnesota	2,647.4	2,652.2	2,652.6	2,654.0	2,653.0	2,654.4	2,655.7	2,652.1	2,647.1	2,639.3	2,639.2	2,638.6	2,638.6	
Mississippi	1,124.4	1,123.8	1,125.7	1,135.0	1,130.6	1,127.0	1,128.4	1,128.8	1,126.5	1,125.9	1,125.2	1,127.5	1,128.5	
Missouri	2,689.2	2,686.6	2,689.5	2,655.7	2,674.7	2,681.7	2,671.1	2,661.7	2,660.1	2,636.8	2,638.1	2,635.3	2,645.3	
Montana	394.1	395.0	397.5	395.7	395.2	395.7	396.3	396.5	395.0	394.2	394.8	393.1	396.2	
Nebraska	907.7	908.3	905.2	903.4	905.6	907.0	909.8	907.0	904.0	900.2	900.8	904.9	907.4	
Nevada	1,046.7	1,050.5	1,049.7	1,056.0	1,059.2	1,057.0	1,057.1	1,054.3	1,056.5	1,055.9	1,057.4	1,059.3	1,060.6	
New Hampshire	618.0	617.7	617.2	618.4	617.4	622.5	620.7	619.7	616.7	618.2	615.9	616.3	613.6	
New Jersey	3,993.0	3,991.4	3,986.9	3,982.5	3,981.3	3,995.1	4,000.8	3,999.9	3,984.6	3,993.1	3,980.1	3,994.4	4,014.3	
New Mexico	763.3	764.5	764.3	767.8	767.1	766.4	766.4	770.6	772.0	773.2	776.7	775.8	777.4	
New York	8,453.6	8,457.4	8,444.1	8,432.4	8,432.8	8,439.0	8,427.2	8,420.6	8,412.9	8,417.5	8,400.5	8,385.5	8,387.9	
North Carolina	3,843.4	3,843.2	3,831.8	3,843.0	3,844.8	3,828.0	3,833.3	3,837.7	3,820.0	3,832.2	3,827.5	3,836.6	3,833.3	
North Dakota	329.0	329.5	330.6	328.7	329.6	331.2	330.7	331.5	330.4	329.0	328.4	329.2	328.9	
Ohio	5,450.3	5,451.8	5,441.8	5,469.3	5,472.2	5,452.2	5,441.0	5,434.6	5,408.4	5,404.9	5,389.8	5,378.6	5,392.6	
Oklahoma	1,486.5	1,489.5	1,481.4	1,455.8	1,473.4	1,477.6	1,479.6	1,480.1	1,478.6	1,473.2	1,475.8	1,470.7	1,478.2	
Oregon	1,570.4	1,574.0	1,572.7	1,580.8	1,581.4	1,578.4	1,574.0	1,570.2	1,568.3	1,572.6	1,572.0	1,566.0	1,557.7	
Pennsylvania	5,652.0	5,656.9	5,662.2	5,651.7	5,658.8	5,658.6	5,647.3	5,651.3	5,643.0	5,626.0	5,623.2	5,632.9	5,631.4	
Rhode Island	478.7	478.7	479.0	478.9	479.5	480.0	478.3	479.3	480.5	479.7	479.6	478.9	478.9	
South Carolina	1,808.0	1,808.9	1,807.5	1,798.7	1,812.3	1,816.8	1,818.8	1,821.4	1,817.3	1,805.0	1,805.9	1,796.3	1,795.6	
South Dakota	375.5	376.8	378.1	378.9	379.1	378.7	381.1	379.7	381.3	374.7	375.1	374.6	376.4	
Tennessee	2,668.4	2,667.3	2,665.6	2,671.8	2,678.2	2,673.9	2,666.7	2,667.2	2,661.7	2,657.5	2,663.9	2,669.1	2,671.6	
Texas	9,432.7	9,443.1	9,421.9	9,413.4	9,418.8	9,419.3	9,431.7	9,436.3	9,420.2	9,431.0	9,426.4	9,432.4	9,431.5	
Utah	1,074.2	1,071.7	1,069.3	1,071.6	1,070.6	1,069.5	1,070.3	1,068.0	1,066.4	1,077.2	1,073.4	1,070.8	1,071.9	
Vermont	299.9	299.9	299.8	299.0	299.0	299.1	299.5	300.1	299.9	302.9	301.8	301.7	303.5	
Virginia	3,495.8	3,496.3	3,495.1	3,491.7	3,493.1	3,495.6	3,504.2	3,504.3	3,486.7	3,486.0	3,483.0	3,483.8	3,497.2	
Washington	2,653.0	2,656.1	2,651.6	2,661.0	2,660.4	2,657.9	2,667.5	2,662.2	2,665.1	2,666.5	2,662.1	2,655.8	2,656.6	
West Virginia	733.2	731.9	731.9	731.3	732.9	731.4	731.5	727.0	728.2	733.9	734.2	731.8	730.2	
Wisconsin	2,780.2	2,782.6	2,778.6	2,794.9	2,790.8	2,780.1	2,781.6	2,773.5	2,764.2	2,775.2	2,775.7	2,771.2	2,773.7	
Wyoming	247.4	247.6	247.3	247.5	247.3	247.3	246.3	247.5	248.3	247.8	248.4	247.6	248.4	

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	2002									2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>
	Construction												
Alabama .....	99.3	99.7	98.7	99.5	100.1	100.6	101.2	101.3	100.4	100.1	100.4	98.8	99.5
Alaska .....	15.4	15.8	15.9	16.0	16.0	16.2	16.0	16.1	16.2	15.5	15.9	16.1	15.6
Arizona .....	172.0	172.5	171.8	171.4	172.3	172.7	173.0	174.5	174.2	174.6	174.8	175.2	176.1
Arkansas .....	54.5	54.7	55.1	55.4	55.2	54.6	54.7	55.3	55.7	56.1	53.7	53.4	53.4
California .....	772.2	773.0	770.9	766.3	771.9	771.6	771.7	781.2	784.1	780.9	783.6	790.7	789.8
Colorado .....	162.3	163.3	161.5	160.6	160.3	159.0	158.8	158.2	158.5	156.6	155.6	154.3	155.5
Connecticut .....	64.6	64.2	63.8	62.8	62.2	62.4	62.7	62.6	62.1	61.0	60.2	60.6	60.7
Delaware <sup>3</sup> .....	24.2	24.2	24.2	23.9	24.2	23.8	23.5	23.8	23.4	24.7	24.0	23.4	23.6
District of Columbia <sup>3</sup> .....	11.7	12.0	12.2	12.4	12.6	12.8	12.9	12.2	12.4	12.2	12.0	11.9	12.0
Florida <sup>3</sup> .....	433.4	434.9	433.5	436.0	435.1	440.8	440.9	441.4	437.8	432.8	435.2	438.0	440.5
Georgia <sup>2</sup> .....	200.5	199.2	197.6	196.9	196.3	195.8	199.6	195.8	200.6	198.0	199.9	203.6	204.8
Hawaii <sup>3</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> )	( <sup>4</sup> )
Idaho .....	35.8	36.8	36.1	36.9	36.5	36.3	36.0	36.7	36.7	36.4	36.5	36.7	36.6
Illinois .....	273.0	272.8	273.7	273.9	276.0	275.2	276.3	277.0	277.7	285.7	276.2	276.1	272.1
Indiana .....	144.6	143.9	143.6	144.4	140.5	140.5	136.6	136.8	137.5	140.6	138.2	138.9	136.2
Iowa .....	64.6	64.4	64.0	63.8	63.6	63.6	64.2	65.5	65.4	65.8	65.1	62.9	63.0
Kansas .....	62.2	62.4	62.3	62.8	62.6	62.8	62.9	62.6	64.2	62.2	62.6	62.8	62.8
Kentucky .....	83.2	82.5	82.1	81.9	82.7	83.0	82.9	83.3	83.7	87.1	84.2	83.0	82.8
Louisiana .....	119.3	118.4	116.7	117.8	117.6	117.7	115.3	117.1	115.7	115.7	116.4	117.0	119.4
Maine .....	29.2	29.1	29.2	29.4	29.4	29.4	29.2	29.5	29.3	28.8	28.6	28.7	28.8
Maryland <sup>3</sup> .....	167.6	167.4	167.1	166.6	166.5	166.8	165.9	169.0	169.0	167.1	165.7	164.4	166.4
Massachusetts .....	140.3	141.1	140.4	140.2	139.8	140.1	139.9	140.1	139.0	138.3	137.6	134.3	131.4
Michigan .....	200.8	200.9	200.2	201.0	203.4	200.4	197.6	198.8	199.7	203.6	202.0	198.7	192.0
Minnesota .....	122.1	123.3	123.3	123.3	123.7	123.4	122.6	123.0	122.5	121.2	121.5	121.0	121.8
Mississippi .....	53.5	54.0	54.4	54.0	53.9	53.9	54.9	55.4	54.4	55.2	54.5	53.6	53.6
Missouri .....	133.0	132.3	133.4	135.1	134.7	133.9	129.7	130.5	131.4	133.3	133.0	132.5	131.0
Montana .....	20.7	21.3	21.6	21.7	21.9	21.9	21.8	21.9	22.5	22.4	22.0	21.6	21.8
Nebraska .....	44.5	44.6	44.4	44.3	44.5	44.6	44.0	44.6	45.1	44.5	44.3	44.0	44.1
Nevada .....	91.9	92.2	90.8	92.5	93.9	93.5	92.9	92.9	92.2	91.8	92.3	93.0	93.5
New Hampshire .....	27.3	27.1	26.4	27.2	27.3	28.3	28.1	27.9	28.2	28.2	27.1	27.3	26.1
New Jersey .....	162.0	161.8	161.9	162.7	162.4	161.1	159.0	161.1	159.2	163.6	162.0	164.4	164.2
New Mexico .....	46.3	46.1	45.3	44.9	44.9	44.4	44.8	45.2	45.2	45.8	45.7	46.0	46.1
New York .....	321.3	320.0	319.0	319.8	320.7	319.6	317.0	319.1	321.6	323.8	321.7	323.1	325.5
North Carolina .....	221.2	220.5	218.0	219.1	218.4	216.8	218.7	217.2	216.0	212.8	213.7	212.6	210.1
North Dakota .....	15.1	15.0	14.8	15.0	15.1	15.2	15.1	15.0	14.9	14.5	14.2	14.3	14.5
Ohio .....	235.0	235.2	235.6	234.5	237.3	237.0	236.7	235.9	233.3	237.1	231.7	231.1	231.6
Oklahoma .....	64.0	64.4	63.9	64.3	64.2	63.9	63.6	63.9	64.0	65.0	65.4	65.2	66.4
Oregon .....	78.1	78.5	78.2	78.5	79.5	79.3	79.9	81.5	80.7	78.5	78.3	77.1	75.8
Pennsylvania .....	249.1	248.9	248.3	247.4	248.7	248.2	248.4	247.5	248.7	247.3	248.3	249.6	248.9
Rhode Island .....	19.4	19.5	19.6	19.0	19.3	19.2	19.1	19.1	19.3	19.3	19.3	19.5	19.5
South Carolina .....	112.2	112.7	112.4	111.2	111.9	111.2	110.8	111.4	110.4	111.6	110.0	107.7	106.7
South Dakota .....	18.3	18.8	18.5	18.5	18.4	18.5	19.7	19.9	20.1	19.0	19.0	18.9	18.8
Tennessee .....	113.8	113.7	113.9	114.0	114.4	115.1	114.2	114.8	113.8	111.4	111.1	109.7	108.4
Texas .....	571.1	572.7	570.5	567.8	568.3	566.7	566.8	569.8	571.1	574.2	573.2	574.8	576.8
Utah .....	68.0	67.8	67.2	67.4	66.7	67.0	67.7	67.8	67.8	67.4	66.1	65.6	65.3
Vermont .....	15.2	14.9	14.4	14.5	14.5	14.6	14.4	14.7	15.1	15.0	15.3	15.2	15.3
Virginia .....	214.2	214.3	213.7	214.4	214.3	213.6	212.9	210.6	205.6	206.1	205.9	204.4	205.6
Washington .....	153.6	154.9	154.2	154.8	156.8	155.5	155.7	156.0	156.1	156.7	156.6	156.0	157.5
West Virginia .....	34.0	33.4	33.7	33.6	33.6	33.0	32.8	32.9	33.3	35.3	34.6	34.3	32.3
Wisconsin .....	123.6	124.0	123.8	123.5	124.3	122.5	122.5	121.3	121.3	119.9	119.0	113.7	115.0
Wyoming .....	20.1	20.2	19.8	19.4	19.9	20.0	20.1	20.5	20.9	20.4	20.5	19.7	19.9

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	2002										2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr. <sup>P</sup>
	Manufacturing													
Alabama .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Alaska .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Arizona .....	186.5	185.4	184.1	183.9	182.1	181.6	180.6	179.1	178.8	178.0	177.2	176.9	176.7	176.7
Arkansas .....	215.0	215.2	214.4	213.8	212.8	213.3	213.5	213.0	212.5	212.8	211.1	210.3	209.9	209.9
California .....	1,661.3	1,658.3	1,651.0	1,638.7	1,629.6	1,623.4	1,619.3	1,611.1	1,607.3	1,599.6	1,598.1	1,596.6	1,591.4	1,591.4
Colorado .....	168.4	167.9	167.0	166.1	165.7	164.5	163.0	161.4	161.4	160.0	158.7	157.8	157.3	157.3
Connecticut .....	214.1	213.4	212.0	213.2	212.1	211.7	210.6	209.9	209.3	208.6	206.6	206.7	205.6	205.6
Delaware .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
District of Columbia .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Florida .....	410.0	408.5	407.3	407.9	407.7	406.1	404.8	404.0	401.2	398.6	397.6	393.7	394.2	394.2
Georgia .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Hawaii .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Idaho .....	64.7	64.8	64.9	65.0	64.7	64.8	64.7	64.0	63.6	62.5	62.5	61.8	61.9	61.9
Illinois .....	761.2	758.1	754.5	752.2	748.4	747.7	747.4	747.6	743.5	743.5	743.5	741.8	739.7	739.7
Indiana .....	588.0	588.5	590.8	591.5	590.7	590.5	590.1	588.3	586.5	590.3	585.7	584.7	579.0	579.0
Iowa .....	228.6	228.5	227.9	227.3	223.7	226.4	225.5	225.9	225.3	225.4	224.6	223.3	221.3	221.3
Kansas .....	183.9	183.3	182.4	180.7	182.5	181.3	181.8	181.3	181.5	181.6	180.4	178.9	176.9	176.9
Kentucky .....	277.7	276.4	275.8	274.5	272.7	274.0	273.0	272.8	272.1	271.8	271.8	272.0	269.5	269.5
Louisiana .....	161.7	160.8	160.9	160.5	160.4	159.7	159.3	159.6	160.0	159.8	157.7	158.6	155.1	155.1
Maine .....	68.7	68.2	67.6	68.1	67.1	67.3	67.3	68.0	67.2	65.1	64.6	64.5	64.7	64.7
Maryland .....	159.2	158.9	157.6	155.8	155.6	154.8	155.2	154.0	153.9	153.8	155.0	154.7	154.3	154.3
Massachusetts .....	351.0	349.5	347.9	341.7	343.5	344.9	342.8	341.2	339.7	338.3	337.7	336.7	334.3	334.3
Michigan .....	762.2	760.5	760.8	746.2	755.3	755.9	754.3	754.8	752.6	751.4	738.0	741.2	732.3	732.3
Minnesota .....	359.1	358.6	356.9	354.2	352.6	353.1	352.8	351.1	349.8	349.7	348.6	350.4	346.9	346.9
Mississippi .....	190.4	189.7	188.9	190.0	187.6	186.3	185.0	184.0	184.8	183.7	183.3	183.1	182.0	182.0
Missouri .....	325.6	324.3	323.5	316.4	322.5	322.3	320.6	316.8	314.9	313.7	313.2	313.7	312.5	312.5
Montana .....	20.1	20.2	20.2	20.0	19.9	19.7	18.8	19.1	18.9	18.9	18.7	19.2	20.1	20.1
Nebraska .....	105.9	105.9	106.0	105.5	105.9	105.5	106.1	106.4	106.1	105.0	105.6	104.7	105.0	105.0
Nevada .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
New Hampshire .....	85.7	85.3	84.9	85.8	84.9	84.3	84.4	83.7	82.8	81.5	80.7	80.9	81.9	81.9
New Jersey .....	372.0	370.0	367.1	368.5	366.3	364.9	363.4	362.8	362.1	360.5	358.6	360.0	358.7	358.7
New Mexico .....	38.8	38.7	38.6	39.4	38.4	38.1	37.5	38.2	38.2	37.7	37.9	37.2	37.4	37.4
New York .....	659.5	657.9	653.0	650.5	647.6	643.7	642.1	638.1	634.3	631.5	628.1	626.0	623.5	623.5
North Carolina .....	649.5	646.5	641.6	640.2	636.3	635.6	629.7	628.1	623.8	622.4	617.6	620.2	619.7	619.7
North Dakota .....	23.7	23.6	23.7	24.9	24.9	23.3	23.1	23.1	23.0	23.1	23.1	23.5	23.4	23.4
Ohio .....	890.2	889.7	887.5	882.4	882.7	880.6	878.4	875.7	872.2	867.7	866.4	864.6	860.2	860.2
Oklahoma .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Oregon .....	202.9	203.2	201.5	201.5	200.4	200.4	201.3	201.1	199.3	199.2	197.8	195.9	194.9	194.9
Pennsylvania .....	768.2	766.4	765.2	759.8	759.6	756.5	752.4	749.0	746.9	738.9	736.2	733.7	731.8	731.8
Rhode Island .....	62.8	62.8	62.6	62.5	61.9	61.4	61.0	60.8	60.6	61.1	61.3	60.8	60.2	60.2
South Carolina .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
South Dakota .....	38.5	38.5	38.5	38.6	38.5	38.5	37.3	37.2	37.4	38.0	37.9	37.6	37.7	37.7
Tennessee .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Texas .....	958.9	954.7	950.5	948.1	944.1	940.3	936.8	934.7	929.9	930.5	928.7	927.9	926.1	926.1
Utah .....	114.3	114.3	113.7	113.5	113.0	112.6	113.0	111.7	112.0	111.8	110.8	111.0	111.3	111.3
Vermont .....	41.5	41.4	41.2	40.5	39.5	39.7	39.4	39.2	38.8	39.1	39.0	38.9	38.8	38.8
Virginia .....	322.5	321.9	321.2	319.4	318.6	316.8	319.9	319.5	318.6	315.3	313.0	312.7	310.8	310.8
Washington .....	289.0	288.2	286.2	287.4	283.5	280.3	279.3	276.5	275.8	275.1	273.2	271.8	271.9	271.9
West Virginia .....	69.4	69.1	68.7	68.6	68.5	68.4	67.9	67.5	67.5	66.8	66.1	66.3	66.3	66.3
Wisconsin .....	530.1	529.6	527.7	527.1	528.8	527.6	526.3	525.2	522.4	524.8	520.8	520.9	519.3	519.3
Wyoming .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(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	2002									2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>
Trade, transportation, and utilities													
Alabama .....	375.8	374.7	372.2	373.6	371.7	371.0	373.7	357.0	346.3	374.1	379.8	379.1	373.8
Alaska .....	61.1	61.3	61.0	61.2	60.9	60.8	61.1	61.3	61.3	60.3	60.6	60.7	60.1
Arizona .....	( <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> )
Arkansas .....	241.5	241.9	241.2	242.1	241.5	241.9	242.2	242.1	241.5	242.5	242.8	243.5	244.2
California .....	2,730.0	2,734.6	2,736.3	2,735.0	2,737.7	2,743.1	2,743.7	2,740.4	2,717.9	2,749.4	2,741.8	2,737.2	2,729.0
Colorado .....	413.4	414.7	415.0	413.6	412.9	412.8	411.4	411.8	415.5	413.4	411.7	408.6	406.7
Connecticut .....	311.8	312.0	313.4	314.0	310.1	312.4	306.6	293.3	292.2	306.8	315.4	319.2	318.8
Delaware .....	76.4	77.1	77.1	76.2	76.0	77.0	77.3	79.2	80.0	78.1	76.6	77.3	77.1
District of Columbia .....	( <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> )
Florida .....	1,480.1	1,482.8	1,477.7	1,478.2	1,475.7	1,471.9	1,470.0	1,469.2	1,466.0	1,479.0	1,473.8	1,469.9	1,464.5
Georgia <sup>2</sup> .....	840.6	839.1	838.0	834.9	832.1	830.6	833.2	829.6	825.2	828.4	835.5	840.1	830.0
Hawaii .....	106.3	106.5	106.8	107.0	107.1	107.1	108.2	105.6	103.6	107.6	108.6	109.0	109.6
Idaho .....	116.2	116.3	116.1	116.0	116.1	115.7	116.0	116.3	116.4	114.1	114.3	113.8	113.5
Illinois .....	1,198.5	1,198.3	1,196.5	1,201.1	1,199.0	1,195.5	1,196.5	1,198.1	1,194.3	1,195.4	1,193.9	1,188.3	1,192.5
Indiana .....	581.5	582.2	582.0	585.5	581.4	577.7	579.3	580.6	579.0	579.8	582.1	579.5	578.4
Iowa .....	306.7	306.1	306.6	305.8	305.3	305.2	302.2	302.2	302.4	303.9	302.2	300.7	302.1
Kansas .....	268.8	268.6	268.5	267.3	267.0	266.4	267.0	266.2	266.2	267.8	270.4	270.4	270.1
Kentucky .....	372.8	372.8	371.7	371.2	370.8	370.3	371.9	369.7	366.7	366.0	367.7	367.7	366.9
Louisiana .....	386.3	385.9	386.1	385.1	384.2	383.7	381.0	381.7	382.9	387.7	387.3	387.0	386.7
Maine .....	124.2	124.2	123.9	124.6	125.1	125.4	125.5	125.4	124.9	123.5	122.7	121.8	121.7
Maryland .....	465.2	464.8	465.7	461.9	460.5	460.1	459.2	455.0	450.9	461.2	464.2	465.7	463.7
Massachusetts .....	580.9	581.5	581.6	577.6	571.6	576.8	577.3	574.9	575.8	577.8	580.1	578.9	580.2
Michigan .....	837.5	838.9	838.4	837.3	839.5	837.1	837.0	844.4	836.1	829.8	832.7	830.4	826.3
Minnesota .....	527.8	527.8	527.0	519.3	522.0	524.1	528.1	525.2	526.1	522.0	522.4	522.2	523.3
Mississippi .....	221.1	221.1	221.7	225.2	222.8	225.5	223.9	218.5	217.5	221.8	226.9	225.6	226.2
Missouri .....	539.0	540.6	541.4	544.1	543.1	542.9	542.5	541.6	540.0	540.5	539.3	535.2	533.3
Montana .....	84.8	85.0	84.8	84.9	84.7	84.9	85.0	85.3	84.9	84.5	84.0	83.7	84.0
Nebraska .....	195.5	195.5	195.3	194.8	195.0	196.7	196.8	197.2	198.2	198.2	197.8	197.6	196.8
Nevada .....	191.1	191.3	191.4	189.9	190.2	191.2	192.2	194.1	196.0	191.3	190.7	190.8	190.3
New Hampshire .....	138.1	138.0	138.2	138.7	139.4	140.8	140.4	139.6	138.9	138.2	138.9	138.2	138.1
New Jersey .....	881.5	881.0	881.8	874.9	872.8	884.9	888.9	887.5	883.3	888.6	887.2	885.3	891.0
New Mexico .....	135.4	135.5	135.7	135.8	135.9	135.9	135.4	135.1	135.6	136.9	137.7	136.8	136.6
New York .....	1,479.9	1,479.4	1,480.0	1,479.2	1,477.2	1,480.1	1,477.9	1,478.0	1,481.1	1,486.5	1,487.4	1,486.4	1,483.5
North Carolina .....	724.8	723.5	722.4	718.1	715.2	710.1	707.8	713.7	719.0	720.8	719.9	723.6	720.7
North Dakota .....	71.3	71.5	71.8	71.8	71.6	71.6	71.7	72.6	72.5	72.3	71.9	72.1	71.8
Ohio .....	1,066.4	1,066.3	1,065.4	1,061.9	1,062.2	1,059.6	1,058.1	1,060.8	1,056.8	1,056.5	1,059.3	1,055.8	1,055.9
Oklahoma .....	287.1	286.6	285.3	284.8	284.6	284.3	284.7	286.3	285.1	284.5	285.4	283.2	285.0
Oregon .....	315.6	316.3	316.1	315.5	315.7	316.3	315.0	309.3	311.0	314.0	315.1	315.2	313.2
Pennsylvania .....	1,121.1	1,123.2	1,122.5	1,120.1	1,116.9	1,117.3	1,115.4	1,112.4	1,108.6	1,107.6	1,100.4	1,100.9	1,097.3
Rhode Island .....	80.4	80.5	80.9	81.3	81.0	81.9	80.5	79.7	78.5	81.5	82.2	82.7	83.2
South Carolina .....	349.4	349.4	349.4	346.4	346.3	345.3	347.1	348.7	349.8	348.3	347.5	346.8	343.9
South Dakota .....	76.3	76.4	76.8	76.8	76.8	77.1	78.5	78.6	79.5	76.9	76.4	76.0	76.2
Tennessee .....	575.0	574.9	571.5	579.0	577.0	575.0	573.2	570.5	565.1	568.3	573.9	574.3	574.0
Texas .....	1,971.1	1,970.7	1,965.8	1,964.3	1,960.5	1,959.8	1,961.7	1,960.8	1,956.8	1,958.0	1,959.3	1,954.8	1,945.5
Utah .....	216.1	217.4	216.7	216.9	216.8	216.3	214.7	214.2	212.7	216.6	217.3	216.1	215.8
Vermont .....	( <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> )
Virginia .....	637.9	637.3	637.6	638.1	637.7	637.2	637.0	640.0	637.8	637.0	635.2	635.1	638.2
Washington .....	511.5	511.7	510.3	511.2	511.0	511.3	511.9	513.4	515.7	512.0	509.3	508.6	506.8
West Virginia .....	137.8	137.6	137.1	136.8	136.0	135.4	136.7	135.6	135.6	137.1	136.2	136.3	135.8
Wisconsin .....	537.6	538.2	538.0	540.0	536.6	536.9	532.4	527.5	526.0	535.8	538.2	536.8	536.6
Wyoming .....	48.3	48.4	48.3	48.2	48.2	48.2	47.9	47.9	48.0	48.4	48.4	48.0	47.9

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	2002										2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.P	
	Financial activities													
Alabama .....	97.5	97.9	97.6	97.7	97.7	97.5	97.8	97.4	97.2	97.0	96.9	97.1	96.5	
Alaska .....	( <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> )	
Arizona .....	155.6	155.1	154.7	155.3	153.9	152.6	152.7	151.7	151.2	155.6	154.1	153.5	152.9	
Arkansas .....	49.6	49.7	49.7	50.0	50.1	50.3	50.1	50.1	50.4	50.1	49.9	50.1	50.0	
California .....	( <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> )	
Colorado .....	147.4	147.6	147.1	146.8	147.4	147.8	150.1	149.5	147.5	149.6	150.0	150.9	152.4	
Connecticut .....	142.7	142.9	142.8	143.2	143.4	143.3	143.1	142.3	142.6	141.1	141.4	141.8	142.3	
Delaware .....	39.0	38.8	38.4	38.1	37.9	38.1	38.3	38.2	37.4	38.1	38.0	38.1	38.1	
District of Columbia .....	( <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> )	
Florida .....	473.6	474.4	474.4	475.9	476.7	475.4	474.6	474.4	473.2	475.3	475.9	478.7	480.3	
Georgia <sup>2</sup> .....	212.2	212.2	212.0	211.6	211.6	211.6	212.3	210.7	211.2	216.1	214.6	214.6	213.4	
Hawaii .....	( <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> )	
Idaho .....	( <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> )	
Illinois .....	399.8	399.9	399.4	400.3	399.9	402.8	402.1	404.1	403.1	404.5	403.7	402.9	401.5	
Indiana .....	139.3	139.2	139.0	139.2	139.0	138.8	139.0	139.9	140.5	140.2	140.3	140.0	139.4	
Iowa .....	94.1	94.0	93.8	93.9	94.0	94.0	94.4	94.0	94.3	93.5	93.8	93.4	93.3	
Kansas .....	( <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> )	
Kentucky .....	84.7	84.7	84.6	84.4	84.6	84.9	83.8	83.9	84.4	87.2	86.8	86.2	86.3	
Louisiana .....	100.3	100.2	99.9	99.7	99.8	99.8	99.0	99.4	99.5	100.2	99.4	99.9	99.1	
Maine .....	( <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> )	
Maryland .....	150.6	150.6	150.5	150.0	150.3	150.5	150.4	150.1	151.1	151.3	150.6	150.7	151.2	
Massachusetts .....	228.5	228.7	228.1	230.0	230.0	229.7	230.4	228.7	229.7	230.0	229.2	229.0	228.8	
Michigan .....	215.1	214.9	214.0	215.5	216.3	218.0	216.5	215.7	214.9	214.5	214.9	215.4	217.7	
Minnesota .....	169.9	170.2	169.5	169.2	170.6	170.1	170.2	170.0	169.7	169.5	168.9	167.9	168.3	
Mississippi .....	( <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> )	
Missouri .....	158.8	158.9	158.6	158.8	159.0	159.1	157.2	158.2	158.6	158.9	159.3	158.8	158.2	
Montana .....	19.3	19.3	19.3	19.4	19.2	19.4	19.7	19.7	19.7	19.8	20.0	19.8	19.8	
Nebraska .....	61.2	61.3	61.2	61.4	61.6	61.8	62.1	62.2	62.6	62.9	63.0	63.1	63.4	
Nevada .....	55.7	55.8	55.8	57.4	56.1	55.7	55.5	54.5	56.1	56.4	56.4	56.7	56.6	
New Hampshire .....	( <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> )	
New Jersey .....	276.7	275.6	274.4	276.2	275.4	275.7	277.2	276.1	276.6	275.5	276.1	277.3	276.3	
New Mexico .....	33.4	33.5	33.3	33.7	33.9	33.9	33.8	34.3	34.6	35.0	34.9	34.7	34.5	
New York .....	708.6	708.2	706.6	704.8	704.1	702.1	698.7	698.4	697.2	702.0	700.8	699.3	699.8	
North Carolina .....	( <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> )	
North Dakota .....	17.9	17.9	18.1	17.7	17.8	17.8	17.9	17.7	17.6	18.0	18.1	18.1	18.1	
Ohio .....	307.9	308.2	307.7	307.4	306.6	306.8	305.9	305.9	306.3	306.6	307.3	307.0	307.7	
Oklahoma .....	83.2	83.2	83.3	83.5	83.5	83.2	83.5	83.5	83.9	83.6	83.0	83.6	84.3	
Oregon .....	94.0	94.0	93.9	92.0	90.7	92.1	91.8	93.1	94.7	95.8	96.7	95.8	94.7	
Pennsylvania .....	335.9	336.4	336.4	335.2	335.2	337.4	337.1	337.7	339.0	337.7	338.0	338.3	339.1	
Rhode Island .....	( <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> )	
South Carolina .....	89.2	89.7	90.0	91.6	90.7	90.8	90.2	90.3	89.6	89.7	90.1	90.4	91.8	
South Dakota .....	28.0	28.0	27.9	27.8	27.9	27.9	27.3	27.4	27.5	27.5	27.6	27.5	27.6	
Tennessee .....	139.3	139.1	139.2	140.9	139.1	137.4	137.0	137.2	137.7	138.9	139.4	139.0	140.0	
Texas .....	578.1	580.7	579.8	579.9	581.2	581.2	582.2	581.8	581.5	583.5	584.0	584.1	584.8	
Utah .....	( <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> )	
Vermont .....	( <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> )	
Virginia .....	181.1	181.5	181.8	182.4	182.1	182.3	182.8	183.6	182.6	182.8	182.6	182.1	182.5	
Washington .....	145.3	145.5	145.4	145.2	145.7	145.7	146.7	147.6	148.5	150.4	150.3	149.6	149.1	
West Virginia .....	( <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> )	
Wisconsin .....	153.0	153.2	153.3	154.4	153.4	153.8	153.9	154.0	153.4	153.1	153.0	153.8	156.3	
Wyoming .....	( <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> )	

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	2002										2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr. <sup>P</sup>
Professional and business services														
Alabama .....	( <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> )	( <sup>4</sup> )
Alaska .....	22.8	22.7	22.8	23.1	24.2	23.9	23.7	23.0	23.1	23.0	23.3	22.9	22.8	22.8
Arizona .....	314.8	314.6	313.0	319.2	318.5	317.8	319.5	315.0	310.5	317.0	313.0	315.0	315.6	315.6
Arkansas .....	100.6	101.1	101.1	101.5	100.9	101.9	100.0	100.1	100.5	102.1	102.0	100.9	100.8	100.8
California .....	2,120.5	2,124.9	2,120.5	2,117.2	2,118.6	2,121.6	2,133.8	2,138.0	2,135.4	2,128.5	2,120.9	2,115.2	2,113.7	2,113.7
Colorado .....	294.4	294.9	291.7	288.0	289.9	288.6	286.9	281.7	278.3	276.6	277.3	278.4	282.4	282.4
Connecticut .....	203.7	203.3	202.8	201.3	201.7	200.6	201.6	200.2	198.8	198.2	198.1	199.9	201.5	201.5
Delaware .....	68.5	68.4	67.7	67.3	67.1	66.9	66.5	66.2	65.8	67.1	67.2	67.7	67.8	67.8
District of Columbia .....	139.7	140.2	140.1	139.8	140.2	140.6	140.5	138.2	138.3	139.9	139.5	140.0	141.5	141.5
Florida .....	1,219.0	1,222.3	1,219.7	1,220.6	1,222.1	1,227.8	1,229.3	1,239.1	1,235.4	1,242.3	1,242.9	1,235.1	1,248.6	1,248.6
Georgia <sup>2</sup> .....	524.2	524.9	522.2	518.0	516.6	514.6	512.2	514.6	510.9	523.4	521.1	527.6	533.8	533.8
Hawaii .....	( <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> )	( <sup>4</sup> )
Idaho .....	69.2	69.1	69.5	69.6	69.7	69.3	69.8	69.2	69.5	68.0	68.5	69.7	70.2	70.2
Illinois .....	785.7	783.6	778.8	788.5	796.5	795.1	793.6	792.2	790.1	785.2	780.6	782.7	781.6	781.6
Indiana .....	251.3	252.5	252.6	248.8	251.6	249.9	251.1	246.8	245.2	240.8	238.0	239.7	238.4	238.4
Iowa .....	104.9	105.1	105.7	105.9	105.9	106.6	106.0	106.0	106.5	105.4	105.9	104.2	105.6	105.6
Kansas .....	( <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> )	( <sup>4</sup> )
Kentucky .....	153.7	154.7	154.8	155.2	156.6	155.8	154.6	154.3	153.6	155.5	155.1	153.2	153.3	153.3
Louisiana .....	182.9	182.3	181.8	181.4	181.4	180.6	182.8	179.1	178.6	178.3	177.8	176.4	176.1	176.1
Maine .....	51.6	51.7	51.7	51.9	51.8	51.4	51.2	51.6	50.9	51.3	50.9	50.7	50.6	50.6
Maryland .....	361.2	362.4	361.1	359.1	361.7	359.6	360.6	364.1	370.9	359.9	360.3	362.2	366.6	366.6
Massachusetts .....	457.7	457.3	455.2	457.0	456.3	454.9	449.5	447.2	443.7	438.6	434.6	434.8	438.5	438.5
Michigan .....	594.9	597.1	595.4	598.9	603.3	598.4	602.3	588.6	579.5	575.0	578.1	575.2	581.0	581.0
Minnesota .....	294.7	295.5	294.4	299.0	299.1	299.9	300.5	296.5	292.6	288.5	289.9	289.1	291.2	291.2
Mississippi .....	( <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> )	( <sup>4</sup> )
Missouri .....	( <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> )	( <sup>4</sup> )
Montana .....	32.0	31.8	31.9	31.8	32.1	32.4	32.8	32.5	32.4	32.5	32.5	32.2	32.8	32.8
Nebraska .....	93.0	92.7	91.8	92.0	91.5	90.6	91.5	89.2	88.5	88.6	87.7	89.5	90.0	90.0
Nevada .....	112.4	112.5	111.8	114.9	115.7	115.3	114.5	113.5	114.2	115.8	115.3	115.7	115.8	115.8
New Hampshire .....	( <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> )	( <sup>4</sup> )
New Jersey .....	586.4	585.0	583.5	586.4	588.4	586.8	587.2	583.8	579.7	578.1	574.8	582.6	591.1	591.1
New Mexico .....	88.6	88.8	88.2	89.6	89.1	89.3	89.6	90.7	91.2	91.1	91.4	90.9	90.7	90.7
New York .....	1,055.0	1,053.2	1,050.7	1,048.0	1,045.5	1,045.0	1,047.9	1,046.6	1,044.7	1,037.6	1,032.9	1,030.1	1,040.0	1,040.0
North Carolina .....	413.8	417.3	416.0	416.0	422.7	421.2	417.8	412.8	411.5	415.0	415.9	420.3	419.8	419.8
North Dakota .....	23.8	23.9	24.1	24.1	24.1	24.3	24.1	24.1	24.1	24.0	24.1	24.0	23.6	23.6
Ohio .....	613.6	614.4	611.5	618.1	619.7	620.5	618.8	614.5	608.6	614.5	611.5	610.1	615.4	615.4
Oklahoma .....	163.0	163.8	161.4	159.1	159.7	159.7	159.2	158.5	158.3	160.1	159.1	157.6	158.0	158.0
Oregon .....	171.3	172.4	173.2	174.6	177.0	175.5	173.1	171.9	171.1	171.2	169.9	171.3	171.6	171.6
Pennsylvania .....	606.0	605.7	607.1	602.1	604.5	607.2	607.8	608.6	602.8	594.7	589.0	596.6	597.9	597.9
Rhode Island .....	49.4	49.2	49.4	50.0	48.9	48.4	48.3	48.1	48.2	47.5	46.7	46.8	47.9	47.9
South Carolina .....	( <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> )	( <sup>4</sup> )
South Dakota .....	( <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> )	( <sup>4</sup> )
Tennessee .....	306.8	307.6	308.4	310.2	312.3	310.0	309.5	310.1	312.4	308.3	308.4	311.5	311.0	311.0
Texas .....	1,057.8	1,060.2	1,051.9	1,051.1	1,056.1	1,053.6	1,055.3	1,051.9	1,045.8	1,046.9	1,049.3	1,049.9	1,051.4	1,051.4
Utah .....	131.8	132.8	131.3	131.7	131.7	132.5	133.8	133.4	132.5	131.4	132.4	131.7	131.4	131.4
Vermont .....	20.1	20.4	20.2	20.2	20.3	20.7	21.1	21.0	20.6	20.3	20.6	20.6	20.8	20.8
Virginia .....	549.1	548.9	546.2	547.2	546.7	545.2	545.2	544.8	541.3	541.0	539.5	544.7	546.9	546.9
Washington .....	288.4	288.9	289.1	290.9	293.0	293.0	291.7	289.3	289.2	289.2	290.7	292.1	292.6	292.6
West Virginia .....	56.7	56.7	56.6	57.2	57.6	57.2	57.6	56.8	57.7	58.6	59.2	59.3	59.6	59.6
Wisconsin .....	241.5	241.0	240.5	242.7	239.7	241.2	241.7	240.2	238.2	239.2	239.3	239.8	242.8	242.8
Wyoming .....	15.5	15.5	15.5	15.6	15.6	15.5	15.4	15.3	15.2	15.0	15.3	15.5	15.7	15.7

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	2002									2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.P
Education and health services													
Alabama .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Alaska .....	29.9	30.1	30.3	30.6	30.8	30.5	30.7	30.7	30.8	30.6	31.0	30.8	31.1
Arizona .....	229.8	231.5	231.8	231.3	235.9	236.6	238.5	239.2	240.3	239.7	241.8	242.3	244.7
Arkansas .....	134.7	135.2	135.5	135.7	136.2	136.4	136.6	136.6	137.0	137.7	137.6	138.3	138.1
California .....	1,490.9	1,495.7	1,497.0	1,499.8	1,503.8	1,508.5	1,511.6	1,519.1	1,513.7	1,510.2	1,514.9	1,520.6	1,525.0
Colorado .....	207.3	208.2	208.2	209.4	210.1	210.6	210.8	211.1	211.0	211.0	210.5	210.6	211.8
Connecticut .....	259.5	259.1	258.1	254.4	253.2	259.9	263.8	264.3	263.8	260.1	264.8	263.5	266.1
Delaware .....	48.3	48.5	48.6	49.8	49.6	49.6	49.7	49.7	49.2	49.1	49.4	49.3	49.3
District of Columbia .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Florida .....	852.7	855.5	856.7	863.5	865.9	867.3	870.4	870.2	867.8	871.3	872.2	871.6	876.2
Georgia .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Hawaii .....	62.7	62.9	62.8	62.9	62.9	63.4	63.9	64.0	63.3	64.1	64.7	64.7	65.1
Idaho .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Illinois .....	707.9	710.0	710.4	711.3	713.8	716.5	716.9	713.5	712.2	718.4	717.7	716.6	716.4
Indiana .....	343.6	343.9	343.8	350.4	347.5	349.4	351.1	351.8	352.0	349.6	351.1	349.2	348.9
Iowa .....	186.9	187.3	187.1	187.5	187.6	188.3	189.6	188.8	189.3	189.6	190.8	191.5	191.7
Kansas .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Kentucky .....	220.2	220.9	221.6	222.0	222.3	223.0	224.0	225.0	225.7	226.4	228.0	228.3	228.0
Louisiana .....	233.7	234.1	234.2	234.3	237.1	238.2	239.2	240.0	240.3	241.0	239.6	238.6	239.1
Maine .....	104.9	105.1	105.1	105.0	105.0	104.6	104.6	105.4	105.6	106.3	106.4	106.7	107.0
Maryland .....	328.8	329.8	330.3	329.7	330.4	331.7	333.1	334.2	334.6	338.0	337.1	337.6	338.2
Massachusetts .....	566.6	567.4	567.6	567.0	568.5	569.6	569.0	570.7	570.1	571.1	569.5	572.6	572.6
Michigan .....	530.0	531.5	532.9	537.1	537.3	534.8	533.6	535.1	536.4	538.9	541.5	540.7	541.6
Minnesota .....	354.1	355.9	355.9	357.2	357.8	356.2	357.7	358.1	357.7	363.3	364.6	366.5	366.3
Mississippi .....	112.5	112.7	113.1	110.3	110.9	112.3	112.0	113.0	113.3	112.6	112.5	113.3	113.3
Missouri .....	348.1	349.4	348.3	339.5	340.5	353.2	352.3	351.2	352.3	346.7	346.3	348.1	350.4
Montana .....	51.8	52.0	52.1	51.8	51.9	52.1	52.3	51.9	52.1	52.2	52.0	51.9	52.4
Nebraska .....	113.1	114.1	111.3	108.2	108.5	110.1	111.8	112.0	111.3	109.0	111.3	113.3	112.9
Nevada .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
New Hampshire .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
New Jersey .....	523.6	525.2	526.5	531.3	532.2	533.1	533.1	535.7	534.3	536.8	536.7	538.1	539.5
New Mexico .....	92.9	93.2	93.3	93.8	94.4	94.9	95.3	95.5	95.5	96.7	96.9	97.8	99.3
New York .....	1,453.0	1,456.0	1,457.2	1,461.0	1,465.9	1,476.4	1,476.0	1,477.5	1,471.5	1,472.4	1,478.9	1,478.7	1,479.8
North Carolina .....	413.5	414.6	414.8	412.9	419.7	413.7	412.4	415.4	413.1	412.8	415.3	420.1	423.3
North Dakota .....	46.5	46.7	46.7	47.3	47.2	46.8	46.6	46.9	47.0	47.1	47.2	47.0	47.3
Ohio .....	709.7	710.5	709.4	707.6	708.6	710.6	714.1	716.6	717.9	714.1	712.7	715.1	716.1
Oklahoma .....	172.2	172.2	172.4	172.5	173.7	173.6	173.9	175.2	175.1	173.9	173.9	173.2	172.8
Oregon .....	185.3	185.4	184.6	187.2	187.8	185.4	184.6	184.2	184.4	185.7	186.1	185.9	186.7
Pennsylvania .....	962.1	964.0	967.2	975.5	973.6	967.7	964.8	970.1	972.4	978.4	982.7	985.7	985.3
Rhode Island .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
South Carolina .....	171.9	172.5	172.5	172.2	172.1	176.5	177.8	179.1	178.8	173.0	176.9	176.6	177.1
South Dakota .....	53.5	53.6	53.9	54.0	54.2	54.3	54.8	54.7	54.9	54.7	54.8	54.6	54.7
Tennessee .....	295.2	296.3	297.2	297.0	299.2	302.9	303.6	304.3	304.6	303.4	305.4	307.9	308.6
Texas .....	1,075.9	1,080.1	1,082.7	1,087.0	1,091.3	1,093.3	1,096.7	1,100.3	1,105.2	1,112.3	1,112.3	1,115.0	1,120.2
Utah .....	112.7	112.4	113.1	113.8	114.9	115.7	117.4	117.8	118.0	117.4	117.8	117.8	118.4
Vermont .....	49.8	50.2	50.3	50.4	50.5	50.6	50.5	50.6	51.0	52.2	50.0	50.0	50.7
Virginia .....	359.5	360.1	361.0	355.1	358.0	366.3	367.2	368.2	367.9	369.6	369.7	367.1	370.4
Washington .....	306.4	307.3	306.9	306.6	307.5	308.4	307.3	308.8	310.0	312.2	312.6	312.9	313.4
West Virginia .....	106.4	106.8	106.6	107.6	107.2	107.3	106.5	106.6	106.5	108.5	107.8	107.5	107.5
Wisconsin .....	354.6	356.1	358.5	361.6	361.7	359.2	358.6	358.2	358.5	361.3	360.6	361.3	360.3
Wyoming .....	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(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	2002									2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>
Leisure and hospitality													
Alabama .....	150.9	152.1	151.4	151.9	152.3	152.6	154.4	155.8	157.1	156.8	154.8	153.2	150.5
Alaska .....	29.0	29.1	28.9	29.0	28.9	29.0	29.2	29.5	29.4	29.1	29.5	29.5	30.0
Arizona .....	230.4	231.5	230.9	231.5	229.8	228.8	229.7	229.7	229.2	230.4	230.5	231.2	232.3
Arkansas .....	86.8	87.6	87.3	87.5	87.9	88.0	87.6	87.0	87.0	86.4	87.6	87.7	88.9
California .....	1,387.3	1,390.7	1,390.9	1,378.9	1,380.6	1,380.1	1,389.5	1,384.9	1,382.9	1,403.9	1,402.8	1,401.5	1,399.7
Colorado .....	247.1	249.2	248.3	247.0	247.4	247.5	245.5	247.4	246.4	251.8	251.1	252.1	253.2
Connecticut .....	( <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> )
Delaware .....	37.6	37.7	38.1	38.5	38.1	38.6	38.4	38.8	37.9	38.0	37.7	37.8	36.9
District of Columbia .....	47.7	48.2	47.9	48.3	48.5	48.3	48.6	48.2	48.0	48.3	48.5	49.1	49.7
Florida .....	795.6	796.3	798.0	805.9	809.0	805.4	805.4	810.5	812.1	808.6	812.0	809.1	819.3
Georgia <sup>2</sup> .....	342.5	341.8	340.1	337.3	336.0	336.7	339.4	338.8	336.2	335.6	337.4	336.2	339.2
Hawaii .....	96.9	97.6	97.6	97.6	97.8	97.5	97.3	97.3	98.6	99.1	98.2	98.1	98.2
Idaho .....	53.0	53.1	53.2	53.3	53.4	53.7	53.6	53.6	54.4	54.0	54.0	54.3	54.8
Illinois .....	488.0	490.6	491.1	494.9	497.5	500.2	504.6	502.5	501.2	494.2	491.0	485.1	482.2
Indiana .....	266.8	268.0	267.9	273.9	271.1	272.9	273.8	267.2	263.4	264.7	263.3	260.5	262.8
Iowa .....	( <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> )
Kansas .....	108.4	108.4	108.1	109.1	109.6	109.1	108.3	108.3	108.1	107.3	106.3	107.0	107.2
Kentucky .....	153.0	154.1	153.1	153.4	153.2	152.3	152.9	153.6	154.2	159.1	156.9	155.7	153.7
Louisiana .....	195.6	195.0	195.0	196.0	196.0	195.5	193.7	193.5	194.2	193.7	195.8	196.3	196.4
Maine .....	56.9	57.1	56.8	57.7	57.5	56.3	56.3	56.4	56.4	57.7	57.7	58.1	57.0
Maryland .....	214.2	215.3	215.7	215.5	216.3	216.8	214.9	215.9	217.2	206.3	205.7	208.0	213.5
Massachusetts .....	282.9	284.8	284.2	298.4	298.8	290.3	284.6	280.6	279.1	281.0	279.8	281.2	284.4
Michigan .....	395.9	397.2	397.0	404.1	395.7	394.0	389.7	382.5	382.0	388.4	384.0	379.1	374.0
Minnesota .....	228.4	229.1	229.1	230.2	232.4	230.6	228.8	229.4	230.2	233.1	229.4	230.3	228.3
Mississippi .....	121.7	122.1	122.3	124.9	124.6	124.0	123.8	123.4	120.6	119.9	119.9	120.6	120.9
Missouri .....	259.8	258.6	260.4	259.9	260.8	260.3	256.4	254.9	255.8	255.0	251.3	251.5	255.9
Montana .....	51.2	50.8	50.7	50.8	50.7	50.6	51.5	51.8	51.1	51.8	51.9	51.3	51.8
Nebraska .....	76.5	76.1	76.8	79.4	79.9	78.7	77.7	75.7	72.9	72.6	71.9	72.7	74.7
Nevada .....	297.0	297.7	297.8	300.3	300.4	298.7	297.5	294.9	293.5	296.9	297.7	297.7	298.5
New Hampshire .....	60.6	60.7	60.5	62.1	61.4	61.7	60.6	60.2	61.1	61.7	61.6	61.7	61.4
New Jersey .....	309.0	309.1	309.1	309.8	309.1	308.4	310.8	311.0	309.5	310.1	304.7	306.5	309.9
New Mexico .....	80.0	80.4	80.3	80.8	80.7	80.5	79.1	79.7	80.1	79.6	81.1	81.4	81.8
New York .....	639.0	638.9	637.5	640.2	641.8	640.4	641.6	638.4	639.2	647.8	643.0	639.4	641.2
North Carolina .....	330.4	331.3	331.0	322.4	324.0	324.0	321.4	324.5	323.4	330.1	329.7	328.1	326.5
North Dakota .....	29.7	29.6	29.8	30.9	30.9	30.7	30.3	29.9	29.4	29.5	29.1	29.1	29.3
Ohio .....	485.3	485.7	485.3	510.1	508.5	497.1	490.0	483.8	476.3	473.0	472.3	466.9	478.2
Oklahoma .....	126.8	127.8	127.4	127.9	128.4	128.1	127.5	126.1	125.4	124.1	124.4	125.7	126.8
Oregon .....	149.0	149.4	149.7	152.8	150.9	150.1	150.3	152.2	150.0	151.1	152.5	150.4	147.6
Pennsylvania .....	463.6	465.7	465.3	466.5	469.9	469.7	465.4	466.6	465.2	467.4	470.4	470.5	471.5
Rhode Island .....	47.9	48.1	47.9	49.3	49.2	48.9	48.8	48.2	48.0	48.1	47.8	47.1	47.7
South Carolina .....	187.5	188.0	188.1	182.4	179.3	183.9	186.8	190.2	194.4	197.8	192.2	183.9	180.4
South Dakota .....	39.2	39.4	39.4	39.8	39.8	39.8	40.1	39.8	39.1	37.6	38.2	38.5	38.9
Tennessee .....	238.3	237.4	237.5	239.5	242.1	240.0	238.2	237.9	236.9	238.2	238.5	238.4	242.8
Texas .....	844.1	849.1	846.6	845.7	849.3	850.1	847.8	847.1	847.4	844.9	844.7	844.5	846.7
Utah .....	102.2	99.5	99.3	99.0	98.7	98.5	97.3	96.7	99.1	100.0	99.1	97.1	96.8
Vermont .....	( <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> )
Virginia .....	302.9	303.1	303.4	305.5	306.0	305.4	309.8	307.2	304.3	306.0	307.8	311.6	313.8
Washington .....	243.9	244.3	245.1	246.9	246.2	244.1	248.9	247.1	245.1	246.1	246.0	242.7	243.3
West Virginia .....	63.7	64.0	63.8	65.0	64.8	64.8	65.2	63.4	63.4	64.7	65.2	63.7	63.3
Wisconsin .....	237.6	238.6	238.3	245.4	244.9	239.9	238.0	236.4	237.6	240.7	237.1	236.8	236.7
Wyoming .....	30.5	30.2	30.0	30.2	29.8	30.4	29.7	29.7	30.6	30.6	31.0	30.7	30.4

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	2002										2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	
	Government													
Alabama .....	353.2	353.5	354.0	352.2	355.2	355.8	354.9	354.8	355.0	355.2	354.6	354.6	354.6	
Alaska .....	80.1	80.3	81.0	81.0	81.2	81.6	82.2	82.1	82.5	82.5	81.7	81.6	81.6	
Arizona .....	387.0	384.4	390.3	386.9	394.4	387.2	388.2	394.0	390.6	386.0	387.4	386.8	388.7	
Arkansas .....	195.1	195.5	193.2	193.2	193.8	195.6	196.3	196.5	196.3	195.3	195.9	196.3	196.1	
California .....	2,442.6	2,445.6	2,448.6	2,452.4	2,456.1	2,455.2	2,454.4	2,457.5	2,460.3	2,469.5	2,466.4	2,460.8	2,461.0	
Colorado .....	354.2	355.6	356.2	358.4	360.2	361.1	365.0	365.9	366.3	365.9	363.3	363.8	362.3	
Connecticut .....	249.7	250.2	250.6	246.2	251.2	248.3	245.6	247.5	246.4	251.2	246.7	246.2	244.6	
Delaware .....	56.1	56.1	55.5	53.9	53.6	57.2	56.7	56.7	56.5	56.2	55.8	55.7	56.6	
District of Columbia .....	232.0	231.6	231.6	231.3	232.6	231.5	230.7	228.8	230.1	232.0	232.4	233.0	231.8	
Florida .....	1,030.6	1,036.7	1,042.2	1,038.5	1,038.6	1,051.3	1,056.9	1,065.2	1,057.5	1,061.7	1,065.3	1,065.9	1,067.2	
Georgia <sup>2</sup> .....	623.0	624.0	622.7	625.7	629.5	631.9	630.7	633.0	632.7	632.8	631.5	630.1	630.3	
Hawaii .....	113.4	117.7	120.7	117.7	118.0	118.4	119.5	119.3	119.5	121.2	119.5	118.9	118.0	
Idaho .....	111.4	111.9	112.0	111.8	111.6	111.9	111.5	112.4	112.0	112.8	111.6	112.3	112.1	
Illinois .....	863.4	864.1	863.4	857.2	858.2	859.2	862.0	860.6	865.8	861.7	849.3	847.2	851.3	
Indiana .....	408.3	408.1	406.5	414.8	418.3	417.3	419.3	421.0	418.1	418.1	416.6	419.9	418.2	
Iowa .....	244.4	244.4	244.1	242.9	242.4	243.5	243.8	244.3	244.5	241.3	245.9	246.1	245.0	
Kansas .....	249.3	250.9	253.6	251.7	253.0	251.5	252.5	253.0	252.2	253.4	253.9	251.6	250.4	
Kentucky .....	313.6	312.4	313.3	311.4	313.3	313.2	313.1	313.9	312.9	315.2	311.5	311.0	310.8	
Louisiana .....	372.7	374.2	376.2	375.2	376.4	375.7	375.6	376.3	376.6	377.9	376.0	375.0	376.1	
Maine .....	102.5	103.4	103.5	103.7	103.0	102.9	103.1	102.5	103.1	103.2	103.5	103.5	104.0	
Maryland .....	459.1	460.1	460.6	447.6	461.8	463.4	463.3	463.4	463.1	463.3	462.7	461.4	463.7	
Massachusetts .....	428.4	427.9	427.4	430.2	429.4	430.2	429.9	429.6	428.9	426.1	425.3	424.7	425.0	
Michigan .....	679.7	681.5	682.5	670.4	678.7	686.3	691.4	694.2	690.8	685.5	690.0	684.2	684.1	
Minnesota .....	399.1	399.6	404.0	408.5	403.8	406.7	406.0	407.4	406.7	403.1	405.0	403.7	403.1	
Mississippi .....	238.6	238.9	239.8	244.6	244.2	242.1	242.3	243.2	243.0	243.5	243.4	243.3	245.0	
Missouri .....	426.7	425.7	425.3	405.7	416.6	414.6	416.9	416.5	417.7	414.5	415.7	415.7	415.5	
Montana .....	84.2	84.4	86.3	84.9	84.5	84.5	84.1	84.0	83.0	81.9	83.6	83.4	84.0	
Nebraska .....	158.5	158.7	159.0	158.0	158.6	159.4	160.7	160.0	160.5	160.4	160.6	160.9	161.3	
Nevada .....	128.8	130.0	130.9	130.5	131.2	131.5	133.1	133.2	133.6	133.6	134.2	134.1	133.8	
New Hampshire .....	88.0	88.4	89.0	87.4	87.7	90.0	87.9	87.9	85.3	88.7	88.9	88.9	88.8	
New Jersey .....	615.0	616.5	616.8	608.0	611.3	617.8	617.4	617.8	618.2	619.0	619.6	619.5	623.3	
New Mexico .....	188.8	189.2	190.7	190.7	190.8	190.9	192.0	192.8	192.9	192.0	192.1	192.1	192.4	
New York .....	1,486.1	1,489.1	1,489.6	1,485.9	1,486.2	1,489.9	1,484.3	1,482.5	1,482.2	1,483.8	1,477.5	1,472.6	1,465.6	
North Carolina .....	636.4	638.1	628.3	656.0	646.9	647.2	657.7	659.3	654.1	655.7	655.2	657.9	659.7	
North Dakota .....	74.4	74.7	75.0	70.5	71.7	75.2	75.7	75.8	75.8	74.6	74.7	74.9	74.8	
Ohio .....	799.5	799.7	797.3	803.1	801.9	797.8	796.0	797.4	795.7	797.5	794.6	793.8	795.7	
Oklahoma .....	298.7	299.7	296.7	274.5	290.5	297.8	298.8	298.4	298.1	298.2	297.8	295.9	296.1	
Oregon .....	272.7	272.9	273.8	275.1	275.4	275.4	273.4	273.4	272.9	273.4	271.5	270.1	269.2	
Pennsylvania .....	737.3	737.7	741.4	734.3	739.4	744.4	746.5	748.9	748.1	745.4	751.1	751.4	750.6	
Rhode Island .....	66.2	66.1	66.1	66.5	66.5	66.0	65.9	66.2	66.1	66.0	65.7	66.0	65.7	
South Carolina .....	324.9	325.6	322.7	315.4	335.0	334.6	335.0	336.0	336.0	332.3	334.7	334.3	335.3	
South Dakota .....	73.3	73.6	74.2	74.8	74.7	74.4	75.1	75.1	75.3	74.2	74.1	74.3	74.5	
Tennessee .....	409.6	409.9	409.5	407.4	409.2	411.1	409.6	410.6	410.1	412.9	413.2	413.5	414.3	
Texas .....	1,618.2	1,622.2	1,623.4	1,622.3	1,625.0	1,628.4	1,638.5	1,643.3	1,637.8	1,639.3	1,642.3	1,646.6	1,648.4	
Utah .....	193.3	192.6	194.5	197.1	196.8	195.0	195.6	195.9	196.0	197.2	195.5	196.1	196.1	
Vermont .....	50.8	50.7	51.1	50.6	50.9	50.9	51.1	51.2	50.4	52.2	51.8	52.0	52.4	
Virginia .....	632.7	634.5	635.7	636.8	637.4	637.7	638.7	638.0	634.1	638.5	639.2	636.6	641.6	
Washington .....	514.0	514.7	514.2	517.4	516.4	519.6	526.1	524.1	525.4	524.5	523.5	522.9	522.8	
West Virginia .....	142.1	141.1	142.4	139.7	142.2	142.9	142.1	142.4	142.2	141.5	143.1	142.0	142.9	
Wisconsin .....	414.8	414.3	410.9	409.8	410.6	408.9	418.3	420.0	418.0	409.7	417.8	416.3	414.5	
Wyoming .....	62.1	62.1	62.9	62.7	62.7	62.8	62.6	62.4	62.1	62.8	62.9	63.1	63.9	

<sup>1</sup> Includes natural resources and mining, information, and other services, not shown separately.

<sup>2</sup> All seasonally adjusted data for Georgia have been corrected from January 1990 to present.

<sup>3</sup> Natural resources and mining is combined with construction.

<sup>4</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: All state data currently reflect March 2002 benchmark levels. When more recent benchmark data are introduced with the release of January 2004 estimates, all seasonally adjusted data from January 1999 are subject to revision. Data also reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable with the SIC-based data.

**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 sector and selected industry detail, seasonally adjusted**

Industry	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>Total private</b> .....	33.9	34.0	33.8	33.9	33.9	33.8	33.8	33.8	33.8	33.7	33.8	33.7	33.7
<b>Goods-producing</b> .....	39.9	40.1	39.8	39.9	40.0	39.7	39.7	39.8	40.0	39.6	39.9	39.5	39.7
<b>Natural resources and mining</b> .....	43.2	43.4	43.0	43.3	43.0	43.0	42.3	43.0	43.1	43.3	44.2	43.2	43.8
<b>Construction</b> .....	38.2	38.5	38.2	38.5	38.7	38.2	38.0	38.2	38.9	37.6	38.7	37.9	38.4
<b>Manufacturing</b> .....	40.6	40.7	40.4	40.5	40.5	40.3	40.4	40.5	40.4	40.4	40.4	40.1	40.2
Overtime hours .....	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.3	4.1	4.0	4.1
<b>Durable goods</b> .....	40.8	41.0	40.6	40.7	40.8	40.6	40.6	40.9	40.8	40.7	40.6	40.3	40.6
Overtime hours .....	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.3	4.1	4.0	4.1
Wood products .....	39.9	40.0	39.8	39.8	39.9	39.9	39.8	39.9	40.0	39.9	40.1	39.9	39.8
Nonmetallic mineral products .....	42.0	42.6	42.1	42.1	42.0	41.9	41.6	41.9	42.1	42.0	42.6	41.9	42.7
Primary metals .....	42.6	42.8	42.2	42.3	42.1	42.4	42.2	42.6	42.4	42.5	42.6	42.2	42.4
Fabricated metal products .....	40.7	40.8	40.7	40.7	40.7	40.6	40.4	40.5	40.6	40.5	40.5	40.3	40.7
Machinery .....	40.6	40.7	40.5	40.6	40.5	40.5	40.6	40.5	40.5	40.9	40.5	40.5	40.3
Computer and electronic products .....	39.7	40.0	39.3	39.6	40.3	39.3	40.2	40.5	39.9	39.8	40.3	40.2	40.8
Electrical equipment and appliances .....	40.2	40.6	40.0	40.2	40.0	39.9	40.2	40.6	40.3	40.8	40.6	40.1	40.5
Transportation equipment .....	42.7	42.7	42.0	42.4	42.6	42.4	42.2	42.4	42.5	42.2	41.4	41.2	41.3
Furniture and related products .....	39.3	39.1	39.3	38.8	38.8	38.7	38.7	39.9	38.8	38.6	38.2	37.8	38.3
Miscellaneous manufacturing .....	38.6	39.3	38.5	38.4	38.5	38.8	38.6	38.8	38.9	38.6	38.3	38.0	37.9
<b>Nondurable goods</b> .....	40.2	40.3	40.1	40.1	39.9	39.9	40.0	40.0	39.8	39.9	40.0	39.7	39.6
Overtime hours .....	4.3	4.3	4.2	4.3	4.1	4.1	4.2	4.4	4.3	4.3	4.2	4.1	4.0
Food manufacturing .....	39.7	39.8	39.6	39.6	39.4	39.4	39.5	39.4	39.1	39.1	39.6	39.4	39.3
Beverages and tobacco products .....	39.0	39.5	39.7	39.4	37.9	39.4	39.0	38.5	39.3	39.3	39.4	39.5	39.1
Textile mills .....	41.1	40.9	40.8	40.5	40.2	40.0	40.1	40.4	39.2	40.0	39.5	39.0	38.7
Textile product mills .....	39.4	39.6	39.1	39.2	38.9	38.9	38.7	39.3	39.2	39.2	39.0	38.6	38.7
Apparel .....	36.9	37.1	37.2	36.9	36.9	35.8	36.5	36.3	36.2	36.0	35.9	35.7	35.5
Leather and allied products .....	37.1	37.2	37.2	37.3	37.9	38.5	38.9	39.0	39.3	39.4	39.7	39.5	39.3
Paper and paper products .....	42.2	42.0	41.8	41.9	41.8	41.5	41.5	41.8	41.6	41.8	41.8	41.6	41.4
Printing and related support activities .....	38.5	38.6	38.2	38.5	38.4	38.5	38.4	38.5	38.5	38.3	38.5	38.0	37.9
Petroleum and coal products .....	42.7	43.1	42.7	42.7	42.9	43.5	43.6	44.0	43.9	45.1	45.8	44.2	44.1
Chemicals .....	42.2	42.4	42.2	42.5	42.5	42.5	42.6	42.3	42.3	42.8	42.7	42.3	41.9
Plastics and rubber products .....	40.8	40.9	40.6	40.7	40.4	40.5	40.3	40.3	40.2	40.3	40.2	40.0	40.3
<b>Private service-providing</b> .....	32.5	32.5	32.4	32.5	32.6	32.5	32.5	32.5	32.4	32.4	32.5	32.4	32.4
<b>Trade, transportation, and utilities</b> .....	33.7	33.7	33.5	33.5	33.7	33.6	33.6	33.5	33.5	33.4	33.6	33.5	33.5
<b>Wholesale trade</b> .....	38.0	38.2	37.9	38.0	38.0	37.8	37.9	37.8	37.6	37.7	37.8	37.7	37.8
<b>Retail trade</b> .....	31.0	31.0	30.9	30.8	30.9	30.9	30.8	30.8	30.8	30.7	30.9	30.9	30.8
<b>Transportation and warehousing</b> .....	36.8	36.8	36.6	36.6	37.1	36.9	37.0	37.0	36.9	36.7	36.8	36.7	36.6
<b>Utilities</b> .....	41.1	41.0	40.8	40.9	41.0	41.0	41.1	41.2	41.2	41.2	41.4	41.0	41.1
<b>Information</b> .....	36.7	36.8	36.4	36.4	36.3	36.5	36.6	36.4	35.9	36.2	36.3	36.2	36.3
<b>Financial activities</b> .....	35.6	35.6	35.5	35.6	35.6	35.5	35.6	35.7	35.6	35.6	35.6	35.5	35.5
<b>Professional and business services</b> .....	34.2	34.2	34.0	34.2	34.4	34.2	34.2	34.2	34.3	34.3	34.2	34.0	34.1
<b>Education and health services</b> .....	32.4	32.5	32.4	32.6	32.5	32.5	32.5	32.4	32.5	32.5	32.5	32.5	32.5
<b>Leisure and hospitality</b> .....	25.7	25.7	25.6	25.7	25.9	25.9	25.9	25.8	25.8	25.6	25.7	25.6	25.7
<b>Other services</b> .....	32.0	32.1	32.0	32.0	32.1	32.0	32.0	31.9	31.8	31.9	31.9	31.8	31.8

<sup>1</sup>Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

<sup>P</sup>= preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the

1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

**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 sector and selected industry detail, seasonally adjusted**

(2002=100)

Industry	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
<b>Total private</b> .....	100.2	100.4	99.7	99.9	99.9	99.7	99.6	99.4	99.4	99.0	99.0	98.7	98.7
<b>Goods-producing</b> .....	100.2	100.5	99.5	99.4	99.5	98.5	98.3	98.2	98.3	96.9	97.1	95.9	96.2
<b>Natural resources and mining</b> .....	101.1	100.2	97.9	98.6	97.4	97.7	95.8	96.7	95.8	96.7	97.6	94.9	96.4
<b>Construction</b> .....	99.3	100.0	98.7	99.7	100.2	98.7	98.3	98.5	100.0	96.3	98.7	97.4	98.8
<b>Manufacturing</b> .....	100.7	100.7	99.9	99.5	99.3	98.5	98.4	98.2	97.6	97.2	96.6	95.2	95.0
<b>Durable goods</b> .....	100.6	100.8	99.6	99.3	99.2	98.4	98.0	98.3	97.7	96.9	96.0	94.5	94.9
Wood products .....	100.1	100.0	99.4	99.3	99.5	99.4	98.8	98.3	99.0	98.6	97.9	97.5	96.8
Nonmetallic mineral products .....	100.3	101.3	99.9	99.9	99.3	98.6	97.2	97.0	96.7	95.7	97.1	95.1	96.9
Primary metals .....	101.0	101.0	99.5	99.6	98.7	98.9	98.1	98.3	97.9	97.4	97.2	95.7	95.0
Fabricated metal products .....	100.7	100.7	100.2	99.8	99.5	98.9	97.8	97.6	97.3	96.2	96.1	95.0	95.5
Machinery .....	100.5	100.4	99.6	99.1	98.7	98.2	98.3	97.6	97.1	97.6	95.9	95.1	93.6
Computer and electronic products .....	100.9	101.6	99.1	98.8	99.8	97.2	98.8	99.3	97.1	96.4	96.4	95.4	96.0
Electrical equipment and appliances .....	101.1	101.5	100.1	99.3	98.1	97.3	97.2	97.8	96.3	96.8	95.6	93.5	93.5
Transportation equipment .....	100.5	100.4	98.5	99.4	99.5	99.3	98.4	98.8	99.1	98.1	95.3	93.6	94.6
Furniture and related products .....	101.5	100.9	101.3	98.9	97.8	96.9	96.6	98.9	95.6	94.1	92.8	90.6	91.3
Miscellaneous manufacturing .....	100.3	101.7	99.6	99.1	99.3	99.5	99.1	98.8	98.5	97.2	96.1	95.1	94.1
<b>Nondurable goods</b> .....	100.5	100.7	100.2	99.5	99.0	98.7	98.7	98.2	97.5	97.5	97.1	95.8	95.2
Food manufacturing .....	99.9	100.3	99.6	99.2	99.1	99.3	99.6	99.2	98.3	98.2	99.0	98.3	97.8
Beverages and tobacco products .....	102.0	102.6	102.5	100.5	95.3	97.2	94.3	91.3	91.8	91.9	90.3	88.5	86.8
Textile mills .....	101.4	100.5	100.8	99.1	97.8	96.5	96.8	96.9	94.2	95.3	93.4	90.8	88.5
Textile product mills .....	100.8	101.1	99.7	100.2	98.8	98.8	98.2	99.1	97.5	98.0	96.8	94.9	94.6
Apparel .....	101.2	102.2	103.0	99.8	99.0	94.8	95.1	93.1	91.0	88.7	86.4	84.5	83.0
Leather and allied products .....	101.2	99.3	104.7	96.0	98.3	99.9	98.8	97.8	97.5	95.0	95.0	92.9	91.4
Paper and paper products .....	101.0	100.5	99.8	99.9	99.3	98.2	98.1	97.9	97.1	97.3	96.3	95.1	94.2
Printing and related support activities .....	100.7	100.6	99.2	99.2	98.7	98.7	98.0	97.3	97.6	97.4	98.0	96.5	96.6
Petroleum and coal products .....	98.9	99.5	98.3	97.8	99.1	100.0	101.0	102.2	102.4	105.0	105.3	99.6	100.5
Chemicals .....	99.9	100.3	99.7	99.9	100.2	100.0	100.2	99.8	99.9	100.9	100.4	99.3	97.9
Plastics and rubber products .....	100.5	100.8	100.6	100.2	99.5	99.4	98.9	98.3	98.4	98.5	97.7	96.8	97.2
<b>Private service-providing</b> .....	100.1	100.0	99.6	99.9	100.2	100.1	100.0	99.9	99.7	99.6	99.7	99.5	99.5
<b>Trade, transportation, and utilities</b> .....	100.6	100.5	99.7	99.5	100.0	99.6	99.4	98.9	98.9	98.4	98.9	98.6	98.4
<b>Wholesale trade</b> .....	100.5	100.9	99.8	99.7	99.8	98.9	98.8	98.4	97.7	97.8	97.9	97.6	97.6
<b>Retail trade</b> .....	100.6	100.5	100.1	99.6	99.7	99.7	99.3	99.2	99.2	98.7	99.4	99.5	99.0
<b>Transportation and warehousing</b> .....	100.3	100.3	99.6	99.5	100.4	99.9	99.8	99.3	99.2	98.5	98.1	97.5	97.0
<b>Utilities</b> .....	100.6	100.4	99.9	100.1	100.4	100.4	100.3	100.5	100.2	100.1	100.4	99.2	99.3
<b>Information</b> .....	100.7	100.7	99.1	98.7	98.1	99.4	99.4	98.0	98.1	98.8	99.1	99.1	99.4
<b>Financial activities</b> .....	99.8	99.8	99.6	99.9	100.3	100.3	100.6	100.9	100.8	100.9	101.0	101.0	101.2
<b>Professional and business services</b> .....	100.5	100.2	99.1	99.8	100.2	99.9	99.6	99.2	99.7	99.8	98.8	98.2	98.6
<b>Education and health services</b> .....	99.8	100.4	100.2	101.0	100.8	101.0	101.1	100.9	101.3	101.3	101.4	101.7	101.9
<b>Leisure and hospitality</b> .....	99.3	99.0	98.6	99.1	100.2	100.6	100.7	100.3	100.6	99.4	99.5	98.9	99.2
<b>Other services</b> .....	100.2	100.3	99.6	99.6	99.9	99.5	99.7	98.9	98.5	98.7	98.6	98.2	98.0

<sup>1</sup>Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

<sup>P</sup>= preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the

1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

**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		
	March 2003	April 2003 <sup>P</sup>	May 2003 <sup>P</sup>	May 2002 to May 2003 <sup>P</sup>	March 2003 to April 2003 <sup>P</sup>	April 2003 to May 2003 <sup>P</sup>
Total .....	234,113	233,007	233,142	-0.7	-0.5	0.1
Private sector .....	193,103	192,248	192,704	-.7	-.4	.2
Natural resources and mining .....	1,975	1,915	1,921	-1.8	-3.0	.3
Construction .....	13,470	13,301	13,549	1.5	-1.3	1.9
Manufacturing .....	31,188	30,855	30,801	-4.8	-1.1	-.2
Durable goods .....	19,349	19,137	19,138	-5.3	-1.1	.0
Nondurable goods .....	11,838	11,718	11,663	-3.9	-1.0	-.5
Trade, transportation, and utilities .....	44,239	44,219	44,120	-1.5	.0	-.2
Information .....	6,253	6,242	6,245	-4.9	-.2	.0
Financial activities .....	14,693	14,701	14,739	1.5	.1	.3
Professional and business services .....	28,580	28,358	28,573	.1	-.8	.8
Education and health services .....	27,770	27,824	27,866	2.7	.2	.2
Leisure and hospitality .....	16,099	16,012	16,070	.8	-.5	.4
Other services .....	8,839	8,821	8,820	-1.2	-.2	.0
Government .....	41,009	40,759	40,438	-.7	-.6	-.8

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

<sup>P</sup> = preliminary.

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." Data reflect the conversion to the 2002 version of the North

American Industry Classification System (NAICS) as the basis for the tabulation of data, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data.

SOURCE: Office of Productivity and Technology (202-691-5606). Historical data for these series also are available on the Internet at the following address: <ftp://ftp.bls.gov/pub/special.requests/opt/tableb10.txt>

**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 sector and selected industry detail, seasonally adjusted**

(2002=100)

Industry	2002								2003				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr. <sup>P</sup>	May <sup>P</sup>
Average hourly earnings													
Total private (in current dollars) .....	\$14.86	\$14.93	\$14.97	\$15.02	\$15.05	\$15.10	\$15.14	\$15.20	\$15.22	\$15.29	\$15.29	\$15.29	\$15.34
Goods-producing .....	16.25	16.29	16.31	16.38	16.44	16.48	16.52	16.60	16.63	16.65	16.68	16.71	16.77
Natural resources and mining .....	17.17	17.17	17.16	17.27	17.29	17.21	17.48	17.37	17.45	17.45	17.54	17.72	17.67
Construction .....	18.42	18.45	18.55	18.57	18.65	18.66	18.69	18.81	18.77	18.84	18.83	18.89	18.94
Manufacturing .....	15.23	15.27	15.27	15.34	15.38	15.45	15.48	15.55	15.59	15.63	15.64	15.64	15.69
Excluding overtime <sup>2</sup> .....	14.48	14.52	14.52	14.58	14.62	14.68	14.70	14.77	14.78	14.84	14.88	14.90	14.93
Durable goods .....	15.96	15.99	15.97	16.08	16.12	16.19	16.25	16.28	16.33	16.35	16.34	16.34	16.40
Nondurable goods .....	14.09	14.13	14.17	14.19	14.22	14.29	14.29	14.41	14.44	14.50	14.55	14.55	14.59
Private service-providing .....	14.47	14.54	14.59	14.63	14.67	14.72	14.76	14.81	14.82	14.92	14.91	14.91	14.96
Trade, transportation, and utilities .....	13.96	14.01	14.01	14.06	14.10	14.13	14.17	14.19	14.21	14.29	14.26	14.23	14.29
Wholesale trade .....	16.94	16.94	16.95	17.02	17.05	17.09	17.14	17.13	17.16	17.25	17.22	17.23	17.26
Retail trade .....	11.61	11.66	11.67	11.71	11.75	11.77	11.79	11.83	11.85	11.88	11.85	11.82	11.89
Transportation and warehousing .....	15.69	15.76	15.78	15.80	15.83	15.92	16.02	16.02	16.05	16.22	16.22	16.18	16.24
Utilities .....	23.85	23.99	23.95	24.08	24.09	23.96	24.02	24.09	24.05	24.19	24.36	24.34	24.43
Information .....	20.11	20.32	20.20	20.13	20.43	20.49	20.55	20.74	20.70	20.79	20.90	20.96	20.99
Financial activities .....	15.99	16.10	16.21	16.34	16.40	16.51	16.51	16.56	16.69	16.77	16.78	16.91	16.94
Professional and business services .....	16.67	16.78	16.88	16.86	16.89	16.99	17.04	17.09	17.02	17.17	17.20	17.25	17.27
Education and health services .....	15.09	15.15	15.23	15.33	15.36	15.42	15.45	15.52	15.57	15.61	15.63	15.56	15.63
Leisure and hospitality .....	8.54	8.56	8.59	8.60	8.61	8.62	8.66	8.73	8.71	8.77	8.72	8.71	8.73
Other services .....	13.62	13.69	13.75	13.80	13.81	13.86	13.89	13.94	13.98	14.03	14.02	14.01	13.97
Total private (in constant (1982) dollars) <sup>3</sup> .....	8.21	8.23	8.23	8.24	8.24	8.26	8.27	8.30	8.28	8.26	8.22	8.26	8.30
Goods-producing .....	8.97	8.98	8.97	8.99	9.00	9.01	9.03	9.06	9.05	9.00	8.97	9.03	9.07
Private service-providing .....	7.99	8.02	8.03	8.03	8.03	8.05	8.07	8.08	8.06	8.06	8.02	8.06	8.10
Average weekly earnings													
Total private (in current dollars) .....	\$503.75	\$507.62	\$505.99	\$509.18	\$510.20	\$510.38	\$511.73	\$513.76	\$514.44	\$515.27	\$516.80	\$515.27	\$516.96
Goods-producing .....	648.38	653.23	649.14	653.56	657.60	654.26	655.84	660.68	665.20	659.34	665.53	660.05	665.77
Natural resources and mining .....	741.74	745.18	737.88	747.79	743.47	740.03	739.40	746.91	752.10	755.59	775.27	765.50	773.95
Construction .....	703.64	710.33	708.61	714.95	721.76	712.81	710.22	718.54	730.15	708.38	728.72	715.93	727.30
Manufacturing .....	618.34	621.49	616.91	621.27	622.89	622.64	625.39	629.78	629.84	631.45	631.86	627.16	630.74
Durable goods .....	651.17	655.59	648.38	654.46	657.70	657.31	659.75	665.85	666.26	665.45	663.40	658.50	665.84
Nondurable goods .....	566.42	569.44	568.22	569.02	567.38	570.17	571.60	576.40	574.71	578.55	582.00	577.64	577.76
Private service-providing .....	470.28	472.55	472.72	475.48	478.24	478.40	479.70	481.33	480.17	483.41	484.58	483.08	484.70
Trade, transportation, and utilities .....	470.45	472.14	469.34	471.01	475.17	474.77	476.11	475.37	476.04	477.29	479.14	476.71	478.72
Wholesale trade .....	643.72	647.11	642.41	646.76	647.90	646.00	649.61	647.51	645.22	650.33	650.92	649.57	652.43
Retail trade .....	359.91	361.46	360.60	360.67	363.08	363.69	363.13	364.36	364.98	364.72	366.17	365.24	366.21
Transportation and warehousing .....	577.39	579.97	577.55	578.28	587.29	587.45	592.74	592.74	592.25	595.27	596.90	593.81	594.38
Utilities .....	980.24	983.59	977.16	984.87	987.69	982.36	987.22	992.51	990.86	996.63	1,008.50	997.94	1,004.07
Information .....	738.04	747.78	735.28	732.73	741.61	747.89	752.13	754.94	743.13	752.60	758.67	758.75	761.94
Financial activities .....	569.24	573.16	575.46	581.70	583.84	586.11	587.76	591.19	594.16	597.01	597.37	600.31	601.37
Professional and business services .....	570.11	573.88	573.92	576.61	581.02	581.06	582.77	584.48	583.79	588.93	588.24	586.50	588.91
Education and health services .....	488.92	492.38	493.45	499.76	499.20	501.15	502.13	502.85	506.03	507.33	507.98	505.70	507.98
Leisure and hospitality .....	219.48	219.99	219.90	221.02	223.00	223.26	224.29	225.23	224.72	224.51	224.10	222.98	224.36
Other services .....	435.84	439.45	440.00	441.60	443.30	443.52	444.48	444.69	444.56	447.56	447.24	445.52	444.25
Total private (in constant (1982) dollars) <sup>3</sup> .....	278.16	279.83	278.32	279.46	279.41	279.05	279.63	280.44	279.89	278.52	277.85	278.37	279.74
Goods-producing .....	358.02	360.10	357.06	358.70	360.13	357.71	358.38	360.63	361.92	356.40	357.81	356.59	360.27
Private service-providing .....	259.68	260.50	260.02	260.97	261.91	261.56	262.13	262.73	261.25	261.30	260.53	260.98	262.28

<sup>1</sup> Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

<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.

NOTE: Data reflect the conversion to the 2002 version of the North

American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Total nonfarm.....</b>		130,376	130,263	129,270	129,951	130,680	--	--	--	--	--
<b>Total private.....</b>		108,886	108,423	107,329	108,014	108,752	88,419	88,148	86,646	87,232	87,901
<b>Goods-producing.....</b>		22,619	22,494	21,733	21,887	22,122	16,442	16,340	15,587	15,735	15,948
<b>Natural resources and mining.....</b>		581	575	551	550	559	435	435	402	402	410
Logging.....	1133	69.1	64.7	60.1	57.3	60.5	57.6	53.8	48.7	45.8	--
Mining.....	21	511.9	510.6	490.7	493.1	498.7	377.1	381.6	353.6	356.1	--
Oil and gas extraction.....	211	122.5	121.2	121.9	123.0	122.6	68.5	68.2	67.0	67.7	--
Mining, except oil and gas.....	212	212.1	211.6	201.7	205.3	209.4	165.5	167.1	155.5	158.4	--
Coal mining.....	2121	74.9	75.0	72.3	72.3	71.7	63.5	64.1	60.9	60.6	--
Bituminous coal and lignite surface mining.....	212111	33.7	34.2	32.3	32.0	--	27.8	28.4	26.3	26.0	--
Bituminous coal underground mining and anthracite mining.....	212112,3	41.2	40.8	40.0	40.3	--	35.6	35.7	34.6	34.6	--
Metal ore mining.....	2122	29.4	29.2	28.9	29.3	--	22.0	22.2	21.9	21.5	--
Nonmetallic mineral mining and quarrying.....	2123	107.8	107.4	100.5	103.7	--	80.1	80.8	72.7	76.3	--
Stone mining and quarrying.....	21231	47.7	48.2	43.6	44.3	--	36.2	37.2	31.8	32.4	--
Crushed and broken limestone mining.....	212312	26.8	26.9	24.4	26.0	--	20.5	21.0	18.0	19.2	--
Other stone mining and quarrying.....	212311,3,9	20.9	21.3	19.2	18.3	--	15.7	16.2	13.8	13.2	--
Sand, gravel, clay, and refractory mining.....	21232	44.9	44.1	41.8	44.3	--	33.0	32.7	30.0	32.9	--
Construction sand and gravel mining.....	212321	32.7	32.0	29.2	31.6	--	23.7	23.5	20.4	23.3	--
Other nonmetallic mineral mining.....	21239	15.2	15.1	15.1	15.1	--	10.9	10.9	10.9	11.0	--
Support activities for mining.....	213	177.2	177.8	167.1	164.8	166.7	143.1	146.3	131.1	130.0	--
Support activities for oil and gas operations.....	213112	121.6	122.6	114.9	113.3	--	96.2	98.9	86.1	85.1	--
<b>Construction.....</b>		6,732	6,567	6,372	6,603	6,836	5,208	5,068	4,781	4,998	5,207
Construction of buildings.....	236	1,583.9	1,534.0	1,540.0	1,578.6	1,620.0	1,118.2	1,077.2	1,038.0	1,074.2	--
Residential building.....	2361	807.4	779.3	800.9	825.8	--	563.4	544.0	527.8	551.6	--
New single-family general contractors.....	236115	511.2	494.6	516.5	530.2	--	360.7	351.3	342.6	354.2	--
New multifamily general contractors.....	236116	29.2	28.4	28.7	30.5	--	--	--	--	--	--
Residential remodelers.....	236118	239.7	228.5	228.5	237.9	--	171.2	161.3	155.6	165.6	--
Nonresidential building.....	2362	776.4	754.7	739.1	752.8	--	554.8	533.2	510.2	522.6	--
Industrial building.....	23621	197.8	191.6	193.5	195.7	--	149.7	142.9	140.5	144.2	--
Commercial building.....	23622	578.7	563.1	545.6	557.1	--	405.1	390.3	369.7	378.4	--
Heavy and civil engineering construction.....	237	929.9	907.1	809.7	868.1	930.7	754.8	735.8	628.4	682.3	--
Utility system construction.....	2371	380.5	375.3	343.2	350.0	--	316.6	312.7	281.8	288.1	--
Water and sewer system construction.....	23711	181.3	175.6	163.8	170.4	--	146.0	140.8	129.4	135.9	--
Oil and gas pipeline construction.....	23712	75.7	75.8	66.4	67.8	--	67.2	67.3	58.4	59.0	--
Power and communication system construction.....	23713	123.5	123.9	113.0	111.8	--	103.5	104.6	94.0	93.2	--
Land subdivision.....	2372	86.1	86.3	85.4	86.3	--	60.7	61.0	55.8	54.5	--
Highway, street, and bridge construction.....	2373	344.4	328.7	269.9	311.6	--	282.5	268.4	205.5	246.3	--
Other heavy construction.....	2379	119.0	116.8	111.2	120.2	--	95.1	93.7	85.3	93.4	--
Specialty trade contractors.....	238	4,217.9	4,125.7	4,021.8	4,155.9	4,285.7	3,335.4	3,255.4	3,114.8	3,241.2	--
Building foundation and exterior contractors.....	2381	915.4	897.5	861.9	905.1	--	767.4	752.8	709.5	746.8	--
Poured concrete structure contractors.....	23811	184.8	180.9	171.9	185.1	--	158.4	155.2	148.1	159.3	--
Steel and precast concrete contractors.....	23812	86.3	87.4	81.0	81.8	--	73.3	75.2	66.5	67.6	--
Framing contractors.....	23813	126.7	124.2	130.7	131.9	--	114.0	111.4	116.4	115.4	--
Masonry contractors.....	23814	217.6	217.8	197.1	213.4	--	192.7	193.8	172.6	188.6	--
Glass and glazing contractors.....	23815	55.3	54.0	52.6	53.4	--	38.2	36.7	34.9	35.8	--
Roofing contractors.....	23816	178.4	168.8	164.8	175.3	--	140.4	131.2	125.9	134.4	--
Siding contractors.....	23817	34.5	33.2	32.5	32.4	--	--	--	--	--	--
Other building exterior contractors.....	23819	31.8	31.2	31.3	31.8	--	--	--	--	--	--
Building equipment contractors.....	2382	1,842.5	1,812.6	1,792.4	1,814.3	--	1,411.5	1,384.4	1,341.4	1,364.4	--
Electrical contractors.....	23821	900.5	889.3	864.6	874.8	--	705.6	695.5	660.7	669.7	--
Plumbing and HVAC contractors.....	23822	834.3	817.8	819.9	829.0	--	623.7	608.0	606.7	617.1	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Construction-Continued</b>											
Other building equipment contractors .....	23829	107.6	105.5	107.9	110.5	--	82.2	80.9	74.0	77.6	--
Building finishing contractors .....	2383	879.5	856.1	847.7	863.8	--	702.0	682.9	667.1	683.5	--
Drywall and insulation contractors .....	23831	314.6	317.2	305.8	307.9	--	270.8	274.6	262.5	265.0	--
Painting and wall covering contractors .....	23832	222.8	209.6	203.0	209.9	--	186.1	174.0	165.5	171.4	--
Flooring contractors .....	23833	79.6	76.0	79.4	78.5	--	55.5	52.3	54.1	54.0	--
Tile and terrazzo contractors .....	23834	56.8	55.7	60.1	62.2	--	39.3	37.7	42.4	45.4	--
Finish carpentry contractors .....	23835	140.5	134.8	138.3	139.8	--	99.2	95.8	96.8	98.3	--
Other building finishing contractors .....	23839	65.2	62.8	61.1	65.5	--	51.0	48.5	45.8	49.4	--
Other specialty trade contractors .....	2389	580.5	559.5	519.8	572.7	--	454.4	435.3	396.8	446.5	--
Site preparation contractors .....	23891	294.5	282.8	275.7	293.3	--	235.8	224.7	217.0	233.4	--
All other specialty trade contractors .....	23899	286.1	276.7	244.1	279.4	--	218.7	210.6	179.8	213.1	--
<b>Manufacturing.....</b>		15,306	15,352	14,810	14,734	14,727	10,799	10,837	10,404	10,335	10,331
<b>Durable goods.....</b>		9,517	9,575	9,176	9,128	9,112	6,551	6,595	6,301	6,257	6,252
Wood products .....	321	556.8	554.8	534.8	540.9	543.5	450.2	449.0	430.7	435.2	437.4
Sawmills and wood preservation .....	3211	121.0	120.6	117.1	118.3	--	103.0	102.8	97.9	99.3	--
Plywood and engineered wood products.....	3212	116.3	115.9	112.0	114.5	--	94.0	94.0	91.2	93.2	--
Hardwood and softwood veneer and plywood.....	321211,2	48.2	48.9	45.5	44.5	--	41.7	42.4	40.3	39.4	--
Engineered wood members and trusses.....	321213,4	48.5	47.4	46.8	50.0	--	36.1	35.4	34.5	37.1	--
Other wood products .....	3219	319.5	318.3	305.7	308.1	--	253.2	252.2	241.6	242.7	--
Millwork .....	32191	153.1	151.2	146.0	147.0	--	120.1	118.1	113.0	113.9	--
Wood windows and doors .....	321911	71.0	70.4	66.6	67.2	--	55.6	54.8	51.5	52.4	--
Cut stock, resawing lumber, planing, and other millwork, including flooring .....	321912,8	82.1	80.8	79.4	79.8	--	64.5	63.3	61.5	61.5	--
Wood containers and pallets .....	32192	59.8	60.3	58.2	58.1	--	51.1	51.5	50.4	50.3	--
All other wood products .....	32199	106.7	106.8	101.5	103.0	--	82.0	82.6	78.2	78.5	--
Manufactured and mobile homes .....	321991	51.5	51.1	47.3	47.9	--	42.2	41.1	38.9	39.3	--
Nonmetallic mineral products .....	327	519.0	516.3	495.4	499.8	508.6	401.1	400.5	373.7	378.0	386.2
Clay products and refractories .....	3271	71.9	72.3	68.5	67.3	--	55.1	55.2	52.0	50.7	--
Pottery, ceramics, and plumbing fixtures.....	32711	35.6	35.8	33.1	32.4	--	28.5	28.3	26.1	25.4	--
Clay building material and refractories .....	32712	36.3	36.5	35.4	34.9	--	26.7	26.9	25.9	25.3	--
Glass and glass products .....	3272	126.2	126.3	123.7	122.4	--	99.2	99.9	96.0	95.6	--
Other pressed and blown glass and glassware.....	327212	33.7	34.5	32.1	31.6	--	26.1	27.0	23.8	23.7	--
Glass containers .....	327213	20.4	20.4	19.8	20.2	--	--	--	--	--	--
Glass products made of purchased glass.....	327215	58.2	57.6	57.6	56.7	--	44.2	43.7	43.6	43.4	--
Cement and concrete products .....	3273	229.5	227.1	212.8	220.1	--	177.1	176.2	157.1	163.7	--
Ready-mix concrete .....	32732	117.6	115.4	107.7	115.0	--	94.7	92.8	83.1	89.6	--
Other cement and concrete products .....	32731,3,9	111.9	111.7	105.1	105.1	--	82.4	83.4	74.0	74.1	--
Lime, gypsum, and other nonmetallic mineral products.....	3274,9	91.4	90.6	90.4	90.0	--	69.7	69.2	68.6	68.0	--
<b>Primary metals .....</b>	331	510.9	513.5	493.9	491.9	486.8	397.4	399.8	384.2	382.5	377.1
Iron and steel mills and ferroalloy production.....	3311	107.1	106.2	103.8	103.8	--	83.7	82.8	80.4	80.4	--
Steel products from purchased steel .....	3312	62.8	62.7	61.0	60.7	--	48.6	48.7	47.1	46.9	--
Iron, steel pipe, and tube from purchase steel.....	33121	26.3	26.4	25.4	25.3	--	20.3	20.6	19.4	19.4	--
Rolling and drawing of purchased steel.....	33122	36.6	36.3	35.6	35.4	--	28.3	28.1	27.7	27.5	--
Rolled steel shapes .....	331221	27.2	27.1	27.6	27.5	--	--	--	--	--	--
Alumina and aluminum production .....	3313	80.2	80.3	78.3	77.5	--	62.2	62.3	60.6	60.1	--
Other nonferrous metal production .....	3314	81.3	82.4	76.5	76.3	--	59.7	60.8	57.4	57.2	--
Rolled, drawn, extruded, and alloyed copper.....	33142	44.3	44.3	42.4	42.2	--	33.4	33.3	32.6	32.5	--
Nonferrous metal, except CU and AL, shaping.....	33149	24.8	25.6	23.0	22.8	--	17.5	18.2	16.5	16.3	--
<b>Foundries .....</b>	3315	179.6	181.9	174.3	173.6	--	143.2	145.2	138.7	137.9	--
Ferrous metal foundries .....	33151	99.8	101.6	94.8	94.6	--	80.3	81.9	75.9	75.8	--
Iron foundries .....	331511	66.9	67.8	64.2	64.2	--	54.3	55.1	51.6	51.8	--
Steel foundries .....	331512,3	33.0	33.8	30.6	30.4	--	26.0	26.8	24.3	24.0	--
Nonferrous metal foundries .....	33152	79.8	80.3	79.5	79.0	--	62.9	63.3	62.8	62.1	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Durable goods—Continued</b>											
Fabricated metal products .....	332	1,547.8	1,554.9	1,490.3	1,485.2	1,479.7	1,146.7	1,152.3	1,103.0	1,096.5	1,091.6
Forging and stamping .....	3321	113.5	113.6	111.3	110.5	--	85.2	85.4	83.4	83.3	--
Iron and steel forging .....	332111	26.7	26.9	26.2	26.0	--	19.4	19.6	19.2	19.2	--
Metal stamping .....	332116	58.9	58.5	57.1	57.4	--	44.7	44.3	43.3	43.6	--
Cutlery and hand tools .....	3322	64.5	64.7	62.0	62.0	--	48.4	48.9	45.9	45.7	--
Hand and edge tools .....	332212	42.9	43.5	41.2	41.3	--	32.8	33.6	31.0	31.0	--
Architectural and structural metals .....	3323	400.2	399.5	381.4	378.5	--	290.0	289.1	272.7	270.0	--
Plate work and fabricated structural products .....	33231	175.2	175.8	167.9	164.9	--	125.7	125.6	119.0	116.3	--
Prefabricated metal buildings and components .....	332311	32.4	32.3	30.4	30.5	--	20.2	20.2	17.9	17.5	--
Fabricated structural metal products .....	332312	93.8	94.4	91.3	88.6	--	67.7	68.1	66.1	64.1	--
Plate work .....	332313	49.0	49.1	46.2	45.8	--	37.8	37.3	35.0	34.7	--
Ornamental and architectural metal products .....	33232	225.0	223.7	213.5	213.6	--	164.3	163.5	153.7	153.7	--
Metal windows and doors .....	332321	85.4	84.9	82.0	82.9	--	61.5	61.2	58.0	59.0	--
Sheet metal work .....	332322	98.9	98.3	93.2	93.0	--	74.3	73.8	69.2	68.7	--
Ornamental and architectural metal work .....	332323	40.7	40.5	38.3	37.7	--	28.4	28.5	26.5	26.0	--
Boilers, tanks, and shipping containers .....	3324	95.1	96.5	89.9	89.1	--	74.2	75.6	70.3	69.4	--
Hardware .....	3325	42.5	42.9	41.3	41.1	--	31.5	31.8	30.1	30.0	--
Spring and wire products .....	3326	70.7	71.4	68.5	68.8	--	55.5	56.1	54.1	54.2	--
Machine shops and threaded products .....	3327	318.2	318.7	312.2	310.9	--	239.2	239.4	236.7	235.1	--
Machine shops .....	33271	228.8	229.1	223.4	223.3	--	171.0	170.9	168.4	168.0	--
Turned products and screws, nuts, and bolts .....	33272	89.4	89.6	88.8	87.6	--	68.2	68.5	68.3	67.1	--
Precision turned products .....	332721	43.8	43.9	44.3	43.3	--	34.2	34.3	34.9	33.9	--
Bolts, nuts, screws, rivets, and washers .....	332722	45.6	45.7	44.5	44.3	--	34.0	34.2	33.4	33.2	--
Coating, engraving, and heat treating metals .....	3328	147.6	150.6	140.4	140.4	--	116.5	119.5	111.8	111.0	--
Metal heat treating and coating and nonprecious engraving .....	332811,2	67.1	69.0	62.4	62.8	--	51.3	53.1	47.9	47.9	--
Electroplating, anodizing, and coloring metals .....	332813	80.5	81.6	78.0	77.6	--	65.2	66.4	63.9	63.1	--
Other fabricated metal products .....	3329	295.6	297.0	283.3	283.9	--	206.2	206.5	198.0	197.8	--
Metal valves .....	33291	106.4	107.5	102.2	101.8	--	72.6	73.5	69.8	69.3	--
Fluid power valves and hose fittings .....	332912	40.0	39.9	38.5	38.4	--	27.1	27.2	26.3	26.1	--
Plumbing fixture fittings and trims .....	332913	18.3	18.1	18.0	17.6	--	--	--	--	--	--
Industrial valves and other metal valves and pipe fittings .....	332911,9	48.2	49.5	45.7	45.8	--	32.0	32.9	29.9	30.0	--
All other fabricated metal products .....	33299	189.1	189.5	181.1	182.1	--	133.6	133.0	128.2	128.5	--
Ball and roller bearings .....	332991	36.6	36.7	35.1	35.2	--	28.2	28.0	27.7	27.6	--
Small arms, ammunition, and other ordnance and accessories .....	332992,3,4,5	39.5	39.3	39.4	39.6	--	21.8	21.4	22.6	22.8	--
Miscellaneous fabricated metal products .....	332996,7,8,9	113.1	113.5	106.6	107.3	--	83.7	83.6	77.9	78.1	--
Machinery .....	333	1,237.4	1,248.3	1,196.7	1,187.6	1,182.1	790.2	800.0	763.5	756.5	750.0
Agricultural, construction, and mining machinery .....	3331	201.3	204.7	197.9	197.3	--	133.5	135.6	133.2	132.4	--
Agricultural implements .....	33311	78.7	80.3	78.7	78.6	--	54.6	55.9	56.2	56.1	--
Farm machinery and equipment .....	333111	56.5	57.1	55.2	54.5	--	39.8	40.4	39.1	38.3	--
Construction machinery .....	33312	64.1	64.8	61.8	61.2	--	41.5	41.8	39.5	38.6	--
Mining and oil and gas field machinery .....	33313	58.6	59.6	57.4	57.5	--	--	--	--	--	--
Industrial machinery .....	3332	131.5	132.6	126.7	125.1	--	71.7	73.4	68.0	66.4	--
Semiconductor machinery .....	333295	19.6	19.9	17.8	17.8	--	--	--	--	--	--
Commercial and service industry machinery .....	3333	131.9	132.6	126.9	125.5	--	77.7	78.3	75.1	74.6	--
Office machinery .....	333313	12.7	13.0	12.1	12.1	--	--	--	--	--	--
Photographic and photocopying equipment .....	333315	23.5	23.3	22.5	21.8	--	16.5	16.5	15.7	15.4	--
Miscellaneous commercial and service industry machinery .....	333311,2,4,9	95.8	96.3	92.3	91.6	--	55.4	55.7	54.2	53.9	--
HVAC and commercial refrigeration equipment .....	3334	167.3	168.9	159.8	159.8	--	117.4	119.5	111.1	111.1	--
AC, refrigeration, and forced air heating .....	333415	115.4	116.3	110.2	110.6	--	83.2	85.4	78.2	78.4	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Durable goods—Continued</b>											
Metalworking machinery .....	3335	217.3	218.2	211.8	208.7	--	150.9	151.4	146.7	144.9	--
Industrial molds .....	333511	45.2	45.1	43.8	42.9	--	33.5	33.2	32.7	32.4	--
Metal cutting and forming machine tools .....	333512,3	44.8	45.0	44.8	43.8	--	26.5	26.2	27.1	26.4	--
Special tools, dies, jigs, and fixtures ..	333514	83.0	83.5	82.4	82.1	--	62.6	63.0	61.6	61.5	--
Miscellaneous metalworking machinery .....	333515,6,8	44.3	44.6	40.8	39.9	--	28.3	29.0	25.3	24.6	--
Turbine and power transmission equipment .....	3336	99.9	101.3	92.9	92.4	--	67.1	68.0	62.8	62.1	--
Turbine and turbine generator set units .....	333611	23.5	24.1	20.0	19.8	--	13.6	13.8	11.5	11.1	--
Power transmission and miscellaneous engine equipment .....	333612,3,8	76.4	77.2	72.9	72.6	--	53.5	54.2	51.3	51.0	--
Other general purpose machinery .....	3339	288.2	290.0	280.7	278.8	--	172.0	173.8	166.6	165.0	--
Pumps and compressors .....	33391	56.4	56.8	54.2	53.6	--	30.4	30.4	29.4	29.0	--
Air and gas compressors .....	333912	23.0	23.5	22.1	22.0	--	--	--	--	--	--
Pumps and pumping equipment, including measuring and dispensing ..	333911,3	33.4	33.3	32.1	31.6	--	18.4	18.2	18.0	17.6	--
Material handling equipment .....	33392	81.1	81.6	79.1	78.7	--	50.5	51.0	47.2	46.5	--
Conveyor and conveying equipment ..	333922	32.9	33.1	31.4	31.0	--	19.3	19.6	17.6	17.3	--
All other general purpose machinery .....	33399	150.7	151.6	147.4	146.5	--	91.2	92.4	90.0	89.5	--
Computer and electronic products .....	334	1,521.3	1,545.3	1,432.3	1,421.2	1,403.8	751.6	758.9	716.2	707.9	701.2
Computer and peripheral equipment .....	3341	249.8	254.5	230.5	228.1	222.6	97.6	100.0	89.0	87.7	--
Electronic computers .....	334111	138.4	141.8	126.7	126.2	--	--	--	--	--	--
Computer storage devices .....	334112	32.8	33.7	31.9	30.8	--	--	--	--	--	--
Computer terminals .....	334113	21.3	21.7	16.9	16.2	--	--	--	--	--	--
Other computer peripheral equipment .....	334119	57.2	57.3	55.0	54.9	--	16.1	16.6	14.2	14.1	--
Communications equipment .....	3342	190.9	196.6	176.6	175.5	171.0	83.7	85.5	83.4	82.8	--
Telephone apparatus .....	33421	70.6	74.6	59.3	58.7	--	--	--	--	--	--
Broadcast and wireless communications equipment .....	33422	89.1	90.7	86.1	86.4	--	40.2	40.5	41.7	41.4	--
Audio and video equipment .....	3343	41.6	42.0	37.9	37.4	--	24.0	24.3	21.5	21.3	--
Semiconductors and electronic components .....	3344	531.4	541.4	494.4	492.2	488.3	307.9	311.4	290.7	287.8	--
Electron tubes .....	334411	16.2	16.6	14.0	14.1	--	--	--	--	--	--
Bare printed circuit boards .....	334412	83.9	86.5	74.5	72.8	--	56.9	59.1	50.9	49.0	--
Semiconductors and related devices ..	334413	254.8	258.8	239.6	239.7	--	121.7	120.2	118.8	119.0	--
Electronic capacitors .....	334414	11.0	11.2	10.0	9.8	--	--	--	--	--	--
Printed circuit assemblies .....	334418	51.2	51.5	47.6	47.2	--	38.2	38.8	35.0	34.4	--
Miscellaneous electronic components .....	334415,6,9	96.2	97.2	92.1	92.3	--	61.7	63.0	58.2	57.6	--
Electronic instruments .....	3345	450.6	454.9	436.4	432.6	429.3	193.3	193.5	189.1	186.4	--
Electromedical apparatus .....	334510	54.9	54.9	55.7	55.8	--	23.9	22.5	25.8	26.1	--
Search, detection, and navigation instruments .....	334511	148.5	150.1	145.1	145.0	--	44.0	44.1	45.4	45.1	--
Automatic environmental controls .....	334512	32.2	32.5	29.3	27.8	--	--	--	--	--	--
Industrial process variable instruments .....	334513	61.2	61.5	59.6	59.6	--	34.2	34.2	33.1	32.4	--
Electricity and signal testing instruments .....	334515	54.8	56.0	49.0	48.5	--	18.0	18.7	15.8	15.3	--
Irradiation apparatus .....	334517	10.9	11.4	10.5	10.5	--	5.0	5.3	4.2	4.0	--
Miscellaneous electronic instruments .....	334514,6,8,9	88.3	88.5	87.2	85.4	--	45.0	45.2	43.6	42.9	--
Magnetic media manufacturing and reproduction .....	3346	56.9	55.9	56.5	55.4	--	--	--	--	--	--
Electrical equipment and appliances .....	335	498.9	503.2	477.5	473.4	470.5	353.6	358.2	334.1	331.0	326.4
Electric lighting equipment .....	3351	72.2	72.7	69.2	68.8	--	51.1	51.2	48.5	48.2	--
Electric lamp bulbs and parts .....	33511	16.3	16.8	15.3	15.1	--	12.4	12.6	12.2	12.0	--
Lighting fixtures .....	33512	55.9	55.9	53.9	53.7	--	38.7	38.6	36.3	36.2	--
Household appliances .....	3352	98.2	98.6	95.2	94.2	--	81.8	82.4	77.6	76.9	--
Small electrical appliances .....	33521	24.8	25.1	23.7	23.7	--	--	--	--	--	--
Electric housewares and household fans .....	335211	15.1	15.3	14.1	14.2	--	--	--	--	--	--
Major appliances .....	33522	73.4	73.5	71.5	70.5	--	--	--	--	--	--
Household cooking appliances .....	335221	19.6	19.5	18.6	17.9	--	--	--	--	--	--
Household refrigerators and home freezers .....	335222	24.3	23.9	24.7	24.4	--	--	--	--	--	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Durable goods—Continued</b>											
Electrical equipment .....	3353	176.4	178.0	169.3	168.0	--	115.3	117.3	109.7	109.0	--
Electric power and specialty transformers .....	335311	30.1	30.8	28.4	27.6	--	--	--	--	--	--
Motors and generators .....	335312	59.5	59.7	57.5	57.2	--	43.9	44.1	41.6	41.7	--
Switchgear and switchboard apparatus .....	335313	38.7	39.1	37.6	37.3	--	26.3	27.0	25.2	24.8	--
Relays and industrial controls .....	335314	48.2	48.4	45.8	45.9	--	26.0	26.4	25.3	25.6	--
Other electrical equipment and components .....	3359	152.1	153.9	143.8	142.4	--	105.4	107.3	98.3	96.9	--
Batteries .....	33591	29.2	29.4	27.2	27.0	--	--	--	--	--	--
Communication and energy wires and cables .....	33592	25.4	26.6	23.0	22.9	--	--	--	--	--	--
Wiring devices .....	33593	63.9	63.7	61.9	61.1	--	45.2	45.3	43.2	42.5	--
Current-carrying wiring devices .....	335931	49.7	49.4	48.1	47.6	--	34.3	34.1	32.9	32.5	--
All other electrical equipment and components .....	33599	33.7	34.2	31.7	31.4	--	21.8	22.4	20.0	19.7	--
Transportation equipment .....	336	1,828.5	1,836.3	1,791.4	1,770.4	1,784.2	1,309.7	1,316.7	1,283.2	1,264.4	1,279.6
Motor vehicles .....	3361	267.0	267.2	271.5	262.7	--	222.2	223.3	222.5	215.4	--
Automobiles and light trucks .....	33611	234.6	234.4	241.8	234.1	--	196.4	197.0	199.2	193.0	--
Automobiles .....	336111	159.5	158.6	159.0	151.8	--	129.0	128.6	126.6	120.4	--
Light trucks and utility vehicles .....	336112	75.1	75.8	82.8	82.3	--	67.4	68.4	72.6	72.6	--
Heavy duty trucks .....	33612	32.4	32.8	29.7	28.6	--	25.7	26.3	23.3	22.4	--
Motor vehicle bodies and trailers .....	3362	153.5	151.0	156.3	154.5	--	120.4	118.9	123.8	122.5	--
Motor vehicle bodies .....	336211	69.8	69.3	67.4	64.9	--	53.0	52.7	52.0	49.9	--
Truck trailers .....	336212	27.6	26.3	29.8	30.9	--	21.1	20.2	22.8	23.8	--
Travel trailers and campers .....	336214	38.1	37.7	39.8	40.5	--	31.5	31.2	33.5	34.2	--
Motor vehicle parts .....	3363	731.1	739.5	713.4	704.9	--	588.9	597.3	572.8	563.4	--
Motor vehicle gasoline engine and parts .....	33631	92.7	94.5	88.4	86.9	--	73.2	75.1	68.5	67.1	--
Carburetors, pistons, rings, and valves .....	336311	19.4	20.2	16.7	16.7	--	--	--	--	--	--
Gasoline engine and engine parts .....	336312	73.3	74.3	71.7	70.2	--	58.5	59.8	55.9	54.6	--
Motor vehicle electric equipment .....	33632	110.3	112.2	106.8	106.0	--	87.1	89.2	85.7	84.9	--
Vehicular lighting equipment .....	336321	17.2	17.3	17.2	16.8	--	--	--	--	--	--
Other motor vehicle electric equipment .....	336322	93.2	94.9	89.6	89.2	--	74.1	76.4	72.3	72.0	--
Motor vehicle steering and suspension parts .....	33633	47.6	48.1	46.2	44.8	--	38.9	39.6	37.6	36.3	--
Motor vehicle brake systems .....	33634	44.4	44.4	43.5	43.6	--	--	--	--	--	--
Motor vehicle power train components .....	33635	89.9	90.9	89.3	87.9	--	76.3	77.2	74.2	72.3	--
Motor vehicle seating and interior trim .....	33636	62.0	62.3	61.0	60.2	--	49.9	50.1	49.4	48.6	--
Motor vehicle metal stamping .....	33637	106.5	106.7	106.1	105.5	--	87.2	87.5	85.7	84.9	--
Other motor vehicle parts .....	33639	177.6	180.4	172.1	170.0	--	141.9	143.9	138.9	136.4	--
All other motor vehicle parts .....	336399	162.9	165.4	158.9	156.9	--	130.6	132.4	128.6	126.1	--
Aerospace products and parts .....	3364	468.3	472.1	440.4	439.5	--	218.7	218.4	206.0	204.8	--
Aircraft .....	336411	217.3	218.1	202.5	201.8	--	95.9	91.7	91.0	90.0	--
Aircraft engines and engine parts .....	336412	88.2	89.7	83.8	83.8	--	50.1	52.2	47.1	46.6	--
Other aircraft parts and equipment .....	336413	88.8	90.4	83.2	83.1	--	56.7	58.7	52.1	52.1	--
Space vehicle propulsion units and parts .....	336415	12.6	12.5	12.1	12.0	--	--	--	--	--	--
Ship and boat building .....	3366	146.4	144.7	146.0	145.1	--	116.2	115.4	113.4	113.3	--
Ship building and repairing .....	336611	93.5	91.6	92.8	92.3	--	73.3	72.1	70.6	70.5	--
Boat building .....	336612	52.9	53.1	53.2	52.8	--	42.9	43.3	42.8	42.8	--
Other transportation equipment .....	3369	39.6	39.1	40.6	40.4	--	--	--	--	--	--
Furniture and related products .....	337	604.6	611.8	582.5	576.1	575.0	475.3	482.4	452.5	445.8	446.2
Household and institutional furniture .....	3371	400.4	404.7	389.8	389.7	--	327.7	333.1	313.3	312.6	--
Wood kitchen cabinets and countertops .....	33711	149.3	147.5	151.5	153.1	--	119.5	119.0	118.3	119.6	--
Other household and institutional furniture .....	33712	251.2	257.2	238.3	236.6	--	208.2	214.1	195.0	193.0	--
Upholstered household furniture .....	337121	91.7	93.2	89.8	89.0	--	77.3	78.7	75.3	74.3	--
Nonupholstered wood household furniture .....	337122	107.1	109.3	98.9	97.5	--	90.9	93.1	83.3	81.5	--
Miscellaneous household and institutional furniture .....	337124,5,7,9	52.5	54.7	49.6	50.1	--	40.0	42.3	36.4	37.2	--
Office furniture and fixtures .....	3372	150.5	152.8	140.0	133.9	--	107.5	108.7	101.1	95.7	--
Wood office furniture and custom architectural woodwork and millwork .....	337211,2	42.7	42.9	41.4	40.1	--	31.0	31.2	31.5	30.2	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Durable goods—Continued</b>											
Office furniture, except wood	337214	34.0	34.9	30.4	27.1	--	--	--	--	--	--
Showcases, partitions, shelving, and lockers	337215	73.8	75.0	68.2	66.7	--	55.4	56.0	51.2	50.0	--
Other furniture-related products	3379	53.7	54.3	52.7	52.5	--	40.1	40.6	38.1	37.5	--
Miscellaneous manufacturing	339	691.9	690.7	681.6	681.4	678.0	474.9	476.7	460.2	459.6	455.8
Medical equipment and supplies	3391	308.9	310.2	307.1	308.3	--	204.2	206.2	200.0	201.2	--
Surgical and medical instruments	339112	106.4	107.0	103.0	102.9	--	62.4	63.9	58.4	58.1	--
Surgical appliances and supplies	339113	89.6	89.8	90.2	91.1	--	59.8	60.5	57.1	57.3	--
Dental laboratories	339116	47.3	48.1	46.8	46.8	--	39.7	40.1	39.0	39.4	--
Other miscellaneous manufacturing	3399	382.9	380.5	374.5	373.1	--	270.7	270.5	260.2	258.4	--
Jewelry and silverware	33991	49.9	50.4	47.5	47.8	--	34.9	35.5	33.0	33.4	--
Sporting and athletic goods	33992	64.4	64.3	64.3	63.8	--	47.6	47.8	47.6	46.6	--
Dolls, toys, and games	33993	24.1	23.5	24.0	24.0	--	--	--	--	--	--
Office supplies, except paper	33994	29.9	30.4	28.9	28.5	--	20.6	21.4	19.3	19.1	--
Signs	33995	71.3	69.8	71.4	71.1	--	46.1	45.1	46.2	46.4	--
All other miscellaneous manufacturing	33999	143.4	142.1	138.4	137.9	--	106.8	105.8	100.6	99.7	--
<b>Nondurable goods</b>		5,789	5,777	5,634	5,606	5,615	4,249	4,242	4,103	4,078	4,079
<b>Food manufacturing</b>		1,525.1	1,503.4	1,491.6	1,486.1	1,493.9	1,201.9	1,179.7	1,170.5	1,164.2	1,167.5
Animal food	3111	51.5	51.9	50.9	50.8	--	35.4	35.1	33.6	33.1	--
Grain and oilseed milling	3112	61.9	61.7	62.3	61.9	--	45.0	44.7	44.9	43.9	--
Flour milling, malt, starch, and vegetable oil	31121,2	48.4	47.8	50.1	49.7	--	33.4	32.8	34.5	33.5	--
Breakfast cereal	31123	13.5	13.9	12.2	12.2	--	--	--	--	--	--
Sugar and confectionery products	3113	83.1	79.8	77.7	74.4	--	66.1	62.6	61.9	58.9	--
Sugar	31131	14.3	13.2	15.3	13.5	--	11.4	10.4	11.9	10.1	--
Chocolate confectioneries	31132,3	46.9	44.7	41.1	39.5	--	38.1	35.4	33.9	32.7	--
Fruit and vegetable preserving and specialty	3114	181.6	173.7	163.6	162.3	--	147.4	141.5	131.2	130.8	--
Frozen food	31141	90.8	92.5	81.6	81.4	--	75.0	76.9	67.8	67.4	--
Frozen fruits and vegetables	311411	37.0	39.1	29.4	29.7	--	30.7	32.7	24.3	24.6	--
Frozen specialty food	311412	53.9	53.4	52.2	51.7	--	44.2	44.2	43.5	42.8	--
Fruit and vegetable canning and drying	31142	90.8	81.2	82.0	80.9	--	72.4	64.6	63.4	63.4	--
Fruit and vegetable canning	311421	67.2	58.7	59.4	58.7	--	52.7	46.1	44.1	44.6	--
Specialty canning	311422	11.9	11.6	11.7	11.3	--	--	--	--	--	--
Dried and dehydrated food	311423	11.6	10.9	10.9	10.9	--	9.7	8.9	9.3	9.2	--
Dairy products	3115	136.9	136.3	135.3	136.0	--	95.6	95.2	91.4	91.4	--
Dairy products, except frozen	31151	113.9	113.1	113.0	113.4	--	77.7	77.0	76.9	77.0	--
Fluid milk	311511	57.2	57.4	56.2	56.6	--	35.1	35.3	34.7	34.8	--
Animal slaughtering and processing	3116	520.3	516.2	521.0	521.7	--	447.9	443.2	451.0	451.7	--
Animal, except poultry, slaughtering .. Meat processed from carcasses, and rendering and meat byproduct processing	311611	155.5	154.6	159.1	158.4	--	134.2	132.5	139.9	140.4	--
Poultry processing	311612,3	118.9	116.5	120.9	120.8	--	96.0	93.0	98.6	97.6	--
Poultry processing	311615	245.8	245.1	241.0	242.5	--	217.8	217.7	212.5	213.7	--
Seafood product preparation and packaging	3117	43.7	42.8	42.6	41.1	--	34.7	32.9	34.7	33.6	--
Bakeries and tortilla manufacturing	3118	294.6	290.4	284.7	284.1	--	226.1	221.9	217.6	216.3	--
Bread and bakery products	31181	217.9	215.6	210.1	209.0	--	162.8	160.7	157.3	155.8	--
Retail bakeries	311811	70.6	69.5	69.0	68.5	--	60.0	58.5	60.0	59.0	--
Commercial bakeries and frozen cakes and other pastry products	311812,3	147.3	146.1	141.1	140.5	--	102.8	102.2	97.3	96.8	--
Cookies, crackers, pasta, and tortillas	31182,3	76.6	74.8	74.6	75.1	--	63.3	61.2	60.3	60.5	--
Other food products	3119	151.6	150.6	153.5	153.8	--	103.8	102.6	104.2	104.5	--
Snack food	31191	46.0	44.8	49.4	49.7	--	34.9	33.9	37.5	37.7	--
Miscellaneous food products	31192,3,4,9	105.6	105.8	104.1	104.1	--	68.9	68.7	66.7	66.8	--
<b>Beverages and tobacco products</b>		205.4	204.4	191.5	190.9	193.9	118.4	119.7	103.6	101.0	102.0
Beverages	3121	172.3	172.0	161.4	162.1	--	96.2	98.1	84.3	83.0	--
Soft drinks and ice	31211	111.2	111.5	104.5	105.1	--	60.7	62.7	54.5	54.0	--
Soft drinks	312111	87.1	87.1	85.6	86.1	--	38.9	41.1	36.2	36.3	--
Breweries, wineries, and distilleries	31212,3,4	61.1	60.5	56.9	57.0	--	35.4	35.4	29.8	29.0	--
Tobacco and tobacco products	3122	33.2	32.4	30.1	28.8	--	--	--	--	--	--
<b>Textile mills</b>		293.2	296.6	281.7	278.3	274.1	244.1	246.9	234.4	231.7	227.6
Fiber, yarn, and thread mills	3131	64.2	64.8	62.3	61.5	--	55.5	55.8	54.5	53.7	--
Fabric mills	3132	146.6	148.3	141.9	139.9	--	121.5	123.0	117.6	116.1	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Broadwoven fabric mills .....	31321	92.0	93.8	91.6	90.7	--	79.7	81.3	79.2	78.5	--
Textile and fabric finishing mills .....	3133	82.4	83.5	77.5	76.9	--	67.1	68.1	62.3	61.9	--
Broadwoven fabric finishing mills .....	313311	42.0	42.4	39.6	39.3	--	33.6	34.5	31.4	31.3	--
Textile product mills .....	314	196.2	196.2	191.4	190.5	189.4	155.0	155.4	149.8	149.4	149.1
Textile furnishings mills .....	3141	118.5	117.9	116.2	114.6	--	97.3	97.5	92.5	91.1	--
Carpet and rug mills .....	31411	56.2	55.9	54.4	54.2	--	--	--	--	--	--
Curtain and linen mills .....	31412	62.3	62.0	61.8	60.4	--	52.0	51.7	52.0	50.2	--
Other textile product mills .....	3149	77.7	78.3	75.2	75.9	--	57.8	57.9	57.3	58.3	--
Textile bag and canvas mills .....	31491	30.2	29.6	29.2	29.5	--	20.6	19.9	20.3	20.7	--
All other textile product mills .....	31499	47.6	48.7	46.0	46.4	--	37.1	38.0	37.0	37.6	--
Apparel .....	315	357.6	360.8	320.4	315.1	316.6	292.4	296.1	256.2	252.2	253.5
Apparel knitting mills .....	3151	49.6	50.2	43.9	43.5	--	41.6	42.5	36.0	35.7	--
Hosiery and sock mills .....	31511	30.8	31.0	29.3	28.8	--	26.3	26.6	25.0	24.5	--
Sheer hosiery mills .....	315111	11.0	11.1	10.8	10.5	--	9.1	9.2	9.2	9.0	--
Other hosiery and sock mills .....	315119	19.8	19.9	18.5	18.3	--	17.1	17.4	15.8	15.5	--
Cut and sew apparel .....	3152	281.8	283.9	252.5	248.8	--	231.0	233.4	202.3	199.7	--
Cut and sew apparel contractors .....	31521	113.6	116.8	99.9	100.2	--	99.7	102.9	86.8	87.1	--
Men's cut and sew apparel contractors .....	315211	29.3	29.6	24.9	24.8	--	24.6	24.6	20.7	20.7	--
Women's cut and sew apparel contractors .....	315212	84.3	87.2	75.0	75.4	--	75.1	78.3	66.1	66.4	--
Men's cut and sew apparel .....	31522	75.8	76.2	69.9	67.8	--	60.5	60.6	56.3	54.6	--
Women's cut and sew apparel .....	31523	68.6	67.1	62.1	60.8	--	51.3	50.4	43.7	42.8	--
Other cut and sew apparel .....	31529	23.9	23.8	20.6	20.0	--	--	--	--	--	--
Accessories and other apparel .....	3159	26.2	26.7	24.0	22.8	--	19.8	20.2	17.9	16.8	--
Leather and allied products .....	316	49.9	51.2	45.7	45.3	45.4	39.8	41.0	35.8	35.3	35.4
Footwear .....	3162	21.4	22.5	18.6	18.6	--	17.7	18.8	15.4	15.3	--
Leather and hide tanning and finishing and other leather products .....	3161,9	28.5	28.7	27.1	26.7	--	22.0	22.2	20.4	20.0	--
Paper and paper products .....	322	549.8	549.5	532.5	529.8	527.8	423.9	423.6	406.0	402.9	401.5
Pulp, paper, and paperboard mills .....	3221	168.2	168.0	164.3	163.0	--	131.1	130.9	128.4	127.7	--
Pulp mills and paper mills .....	32211,2	127.8	127.1	124.5	123.4	--	99.6	99.0	97.1	96.6	--
Paperboard mills .....	32213	40.4	40.9	39.8	39.6	--	31.6	31.9	31.3	31.1	--
Converted paper products .....	3222	381.6	381.5	368.2	366.8	--	292.8	292.7	277.6	275.2	--
Paperboard containers .....	32221	204.1	203.3	197.6	197.0	--	157.0	156.0	149.5	148.5	--
Corrugated and solid fiber boxes .....	322211	128.4	128.1	124.8	123.9	--	95.4	94.9	92.2	91.0	--
Folding paperboard boxes .....	322212	39.8	39.8	38.7	39.0	--	32.0	32.2	30.8	31.0	--
Miscellaneous paperboard containers .....	322213,4,5	35.9	35.4	34.1	34.1	--	29.7	28.9	26.5	26.5	--
Paper bags and coated and treated paper .....	32222	81.0	81.0	79.8	79.2	--	60.0	60.0	58.8	58.1	--
Coated and laminated package materials and paper .....	322221,2	52.3	52.1	52.8	52.3	--	36.9	36.7	37.1	36.5	--
Miscellaneous coated and treated paper and paper bags .....	322223,4,5,6	28.7	28.9	27.0	26.9	--	23.2	23.3	21.7	21.6	--
Stationery products .....	32223	39.6	39.8	37.8	37.8	--	30.2	30.4	28.4	27.9	--
Other converted paper products .....	32229	56.9	57.4	53.0	52.8	--	45.5	46.3	40.9	40.7	--
Printing and related support activities .....	323	709.9	713.8	695.4	692.9	696.8	494.9	498.4	481.8	480.4	484.4
Commercial lithograph printing .....	323110	281.9	283.3	279.8	280.3	--	194.9	196.3	194.6	195.1	--
Commercial flexographic printing .....	323112	41.9	43.0	43.3	42.9	--	27.9	28.7	29.2	29.1	--
Commercial screen printing .....	323113	66.3	66.4	65.1	65.3	--	45.9	46.2	44.4	44.6	--
Quick printing .....	323114	78.4	79.1	73.2	73.0	--	53.0	54.0	49.1	49.6	--
Manifold business forms printing .....	323116	44.9	45.7	43.0	42.8	--	32.0	32.1	29.1	29.0	--
Miscellaneous commercial printing .....	323115,7,8,9	114.3	114.9	111.3	110.4	--	80.2	80.5	78.2	77.0	--
Support activities for printing .....	32312	63.2	63.0	60.7	59.0	--	45.8	45.8	42.6	41.2	--
Petroleum and coal products .....	324	119.1	117.7	117.7	118.7	120.3	78.7	78.2	76.0	75.6	77.7
Petroleum refineries .....	32411	75.1	73.6	75.5	75.5	--	46.8	46.5	46.3	45.5	--
Asphalt paving and roofing materials and other petroleum and coal products .....	32412,9	44.0	44.1	42.2	43.2	--	31.9	31.7	29.7	30.1	--
Chemicals .....	325	929.5	930.2	922.8	920.0	919.0	532.4	534.4	532.0	530.6	527.1
Basic chemicals .....	3251	170.5	170.8	165.7	164.8	--	104.5	105.6	101.1	100.7	--
Petrochemicals and industrial gases .....	32511,2	58.4	58.5	57.0	56.9	--	--	--	--	--	--
Synthetic dyes and pigments .....	32513	21.5	21.2	20.7	20.4	--	--	--	--	--	--
Other basic inorganic chemicals .....	32518	47.3	47.5	45.8	45.2	--	27.3	27.6	26.1	25.7	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Other basic organic chemicals .....	32519	43.3	43.6	42.2	42.3	--	--	--	--	--	--
Resin, rubber, and artificial fibers .....	3252	114.3	115.4	110.8	110.6	--	79.9	80.9	77.1	76.5	--
Resin and synthetic rubber .....	32521	76.1	76.3	74.3	74.6	--	49.3	49.5	48.4	48.3	--
Plastics material and resin .....	325211	61.4	61.4	59.7	60.1	--	40.0	39.9	39.0	38.9	--
Synthetic rubber .....	325212	14.7	14.9	14.6	14.5	--	--	--	--	--	--
Agricultural chemicals .....	3253	44.7	46.2	43.5	43.1	--	29.7	30.9	30.6	30.7	--
Pharmaceuticals and medicines .....	3254	293.3	292.2	298.4	298.1	--	128.7	129.5	134.7	134.4	--
Pharmaceutical preparations .....	325412	230.4	229.7	236.2	236.5	--	97.4	98.1	103.9	103.8	--
Miscellaneous medicinal and biological products .....	325411,3,4	62.9	62.5	62.2	61.6	--	31.3	31.4	30.8	30.6	--
Paints, coatings, and adhesives .....	3255	72.3	72.2	71.7	69.9	--	38.4	38.1	37.8	37.4	--
Paints and coatings .....	32551	47.7	48.0	47.6	47.1	--	24.2	24.1	24.5	24.2	--
Soaps, cleaning compounds, and toiletries .....	3256	122.1	119.6	123.7	124.4	--	77.3	75.3	79.7	79.8	--
Soaps and cleaning compounds .....	32561	66.7	65.2	66.8	67.4	--	39.8	38.4	42.0	42.0	--
Polishes and other sanitation goods and surface active agents .....	325612,3	36.6	35.5	37.2	37.5	--	21.0	20.1	22.2	22.7	--
Toilet preparations .....	32562	55.4	54.4	56.9	57.0	--	37.5	36.9	37.7	37.8	--
Other chemical products and preparations .....	3259	112.4	113.8	109.0	109.1	--	73.9	74.1	71.0	71.1	--
Plastics and rubber products .....	326	853.5	853.5	843.4	838.7	837.8	667.2	668.7	656.9	654.8	653.2
Plastics products .....	3261	668.4	669.2	661.0	656.3	--	522.3	524.1	513.7	511.1	--
Plastics packaging materials, film, and sheet .....	32611	90.8	91.3	89.5	88.7	--	68.5	69.0	67.3	66.5	--
Nonpackaging plastics film and sheet .....	326113	58.2	58.5	56.7	55.8	--	41.6	41.7	40.7	39.9	--
Plastics pipe, fittings, and profile shapes .....	32612	61.9	61.7	61.6	61.9	--	46.4	46.6	45.7	46.4	--
Unlaminated plastics profile shapes .....	326121	30.3	29.8	29.6	29.9	--	22.4	22.0	22.0	22.7	--
Plastics pipe and pipe fittings .....	326122	31.6	31.9	32.0	32.0	--	24.0	24.6	23.7	23.7	--
Foam products .....	32614,5	61.4	61.4	62.0	61.5	--	48.0	47.9	48.7	48.6	--
Plastics bottles and laminated plastics plate, sheet, and shapes .....	32613,6	60.1	59.9	59.3	58.5	--	48.2	48.0	47.7	47.3	--
Other plastics products .....	32619	394.3	394.9	388.6	385.7	--	311.2	312.6	304.3	302.3	--
Rubber products .....	3262	185.1	184.3	182.4	182.4	--	144.9	144.6	143.2	143.7	--
Tires .....	32621	76.2	75.7	73.8	73.9	--	60.0	60.4	57.8	58.4	--
Rubber and plastics hose and belting .....	32622	27.6	27.2	28.6	28.7	--	--	--	--	--	--
Other rubber products .....	32629	81.4	81.4	80.0	79.8	--	63.5	63.2	63.1	62.9	--
Rubber products for mechanical use .....	326291	49.1	49.1	47.3	47.3	--	37.6	37.6	36.6	36.6	--
All other rubber products .....	326299	32.3	32.3	32.7	32.5	--	25.9	25.6	26.5	26.3	--
<b>Service-providing .....</b>		107,757	107,769	107,537	108,064	108,558	--	--	--	--	--
<b>Private service-providing .....</b>		86,267	85,929	85,596	86,127	86,630	71,977	71,808	71,059	71,497	71,953
<b>Trade, transportation, and utilities .....</b>		25,493	25,303	24,984	25,079	25,213	21,333	21,179	20,779	20,863	20,970
<b>Wholesale trade .....</b>	42	5,641.0	5,637.8	5,562.8	5,573.5	5,588.4	4,465.0	4,476.2	4,367.4	4,375.5	4,377.7
Durable goods .....	423	3,007.2	3,007.4	2,946.7	2,947.8	2,952.7	2,371.4	2,377.3	2,304.6	2,302.5	--
Motor vehicles and parts .....	4231	345.5	344.5	341.7	341.9	--	278.6	277.6	273.4	274.1	--
Motor vehicles .....	42311	123.0	122.1	121.8	122.0	--	99.1	98.5	99.5	100.0	--
New motor vehicle parts .....	42312	178.8	178.0	174.0	175.4	--	145.2	144.7	138.2	139.7	--
Furniture and furnishings .....	4232	107.9	107.5	104.1	103.6	--	85.6	84.7	82.1	81.3	--
Furniture .....	42321	45.0	44.6	43.3	42.8	--	--	--	--	--	--
Home furnishings .....	42322	62.9	62.9	60.8	60.8	--	50.7	50.3	48.3	48.3	--
Lumber and construction supplies .....	4233	225.1	220.4	223.7	226.9	--	183.8	179.6	183.8	186.4	--
Lumber and wood .....	42331	123.3	122.4	120.8	121.7	--	102.8	102.0	101.1	101.8	--
Masonry materials .....	42332	49.8	48.3	49.6	51.6	--	40.2	38.8	39.5	41.4	--
Roofing, siding, and other construction materials .....	42333,9	52.0	49.7	53.3	53.6	--	40.8	38.8	43.2	43.2	--
Commercial equipment .....	4234	659.4	664.4	642.7	640.1	--	531.1	536.6	511.7	507.6	--
Office equipment .....	42342	121.1	124.4	116.7	116.2	--	102.5	105.6	98.0	97.4	--
Computer and software .....	42343	265.6	270.2	253.9	250.6	--	221.8	224.7	210.4	205.3	--
Medical equipment .....	42345	157.8	155.2	159.9	161.7	--	120.5	119.6	121.1	122.7	--
Miscellaneous professional and commercial equipment .....	42341,4,6,9	114.9	114.6	112.2	111.6	--	86.4	86.7	82.2	82.2	--
Metals and minerals .....	4235	125.9	125.8	126.4	124.1	--	101.5	101.0	102.4	100.2	--
Electric goods .....	4236	367.2	370.0	356.4	354.7	--	264.7	268.2	259.3	256.4	--
Electrical equipment and wiring .....	42361	149.1	150.2	149.4	148.1	--	120.3	122.1	117.1	116.6	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Wholesale trade—Continued</b>											
Electric appliances and other electronic parts.....	42362,9	218.1	219.8	207.0	206.6	--	144.3	146.1	142.2	139.8	--
Hardware and plumbing .....	4237	233.2	233.9	229.2	231.9	--	181.5	183.4	175.3	177.5	--
Hardware .....	42371	79.2	80.2	77.4	78.2	--	59.7	60.8	57.3	57.4	--
Plumbing equipment .....	42372	84.8	85.5	82.0	82.8	--	65.7	66.9	62.5	63.8	--
HVAC and refrigeration equipment .....	42373,4	69.3	68.2	69.8	70.9	--	56.1	55.7	55.5	56.3	--
Machinery and supplies .....	4238	675.8	677.3	656.9	659.4	--	531.0	534.4	506.3	509.0	--
Construction equipment .....	42381	81.4	81.3	79.9	80.2	--	66.5	66.6	63.3	63.8	--
Farm and garden equipment .....	42382	101.2	102.9	97.3	98.1	--	80.4	81.5	76.9	77.7	--
Industrial machinery .....	42383	323.2	324.5	308.5	308.9	--	250.0	252.1	232.5	233.4	--
Industrial supplies .....	42384	67.8	67.5	68.3	67.5	--	53.9	53.7	53.4	52.2	--
Service establishment equipment .....	42385	67.1	66.4	67.0	68.3	--	53.1	53.5	53.5	53.9	--
Other transportation goods .....	42386	35.1	34.7	35.9	36.4	--	--	--	--	--	--
Miscellaneous durable goods .....	4239	267.2	263.6	265.6	265.2	--	213.6	211.8	210.3	210.0	--
Sporting goods .....	42391	49.3	48.3	50.5	50.7	--	--	--	--	--	--
Recyclable materials .....	42393	96.7	95.0	97.9	96.5	--	79.0	78.0	78.8	77.6	--
Jewelry .....	42394	43.1	42.4	40.6	41.0	--	--	--	--	--	--
Toy, hobby, and other durable goods .....	42392,9	78.1	77.9	76.6	77.0	--	62.6	62.8	60.1	60.1	--
<b>Nondurable goods .....</b>	<b>424</b>	<b>2,015.1</b>	<b>2,011.9</b>	<b>1,998.0</b>	<b>2,006.8</b>	<b>2,016.8</b>	<b>1,609.6</b>	<b>1,609.0</b>	<b>1,592.2</b>	<b>1,603.7</b>	<b>--</b>
Paper and paper products .....	4241	159.9	159.4	158.0	157.3	--	126.1	124.8	126.3	125.9	--
Printing and writing paper and office supplies.....	42411,2	92.2	92.5	90.9	90.5	--	73.4	73.3	73.8	73.7	--
Industrial paper .....	42413	67.6	66.9	67.1	66.8	--	52.7	51.5	52.5	52.2	--
Druggists' goods .....	4242	212.5	209.3	217.5	213.6	--	167.8	165.6	176.0	171.5	--
Apparel and piece goods .....	4243	150.1	149.1	149.9	149.5	--	112.6	112.3	112.1	112.5	--
Men's and boys' clothing .....	42432	36.0	35.5	36.8	36.3	--	--	--	--	--	--
Women's and children's clothing .....	42433	63.8	61.9	65.0	65.7	--	--	--	--	--	--
Grocery and related products .....	4244	676.0	674.0	662.9	662.9	--	556.2	554.7	539.7	540.3	--
General line grocery .....	42441	215.4	215.6	208.1	206.8	--	181.9	181.9	173.7	171.5	--
Packaged frozen food .....	42442	29.5	29.1	29.3	30.0	--	--	--	--	--	--
Fruits and vegetables .....	42448	71.3	71.2	69.8	69.7	--	59.3	58.7	58.5	59.4	--
Farm product raw materials .....	4245	75.2	74.4	72.5	74.0	--	60.8	60.1	59.5	60.9	--
Grains and field beans .....	42451	43.8	43.4	42.5	44.3	--	34.9	34.4	34.8	36.4	--
Chemicals .....	4246	133.1	132.1	132.8	132.5	--	94.9	94.5	94.2	94.9	--
Other chemicals .....	42469	107.7	106.6	106.3	106.7	--	75.8	75.3	74.4	75.5	--
Petroleum .....	4247	111.4	111.3	108.7	109.2	--	90.6	90.1	88.0	88.6	--
Alcoholic beverages .....	4248	132.7	130.3	133.5	135.2	--	109.7	107.3	110.3	111.7	--
Beer and ale .....	42481	82.3	81.2	82.1	82.4	--	67.3	66.4	66.8	67.2	--
Wine and spirits .....	42482	50.3	49.1	51.4	52.8	--	--	--	--	--	--
Misc. nondurable goods .....	4249	364.3	372.0	362.2	372.6	--	291.0	299.6	286.1	297.4	--
Farm supplies .....	42491	108.1	113.4	106.4	112.1	--	86.0	91.0	82.7	89.2	--
Books and periodicals .....	42492	56.3	57.0	54.7	55.1	--	--	--	--	--	--
Nursery stock and florists' supplies .....	42493	50.1	53.1	51.1	54.9	--	--	--	--	--	--
Tobacco and tobacco products .....	42494	32.1	31.8	31.6	31.5	--	--	--	--	--	--
Paint, painting supplies, and other nondurable goods .....	42495,9	117.7	116.7	118.4	119.0	--	91.8	91.0	90.4	91.9	--
<b>Electronic markets and agents and brokers .....</b>	<b>425</b>	<b>618.8</b>	<b>618.5</b>	<b>618.1</b>	<b>618.9</b>	<b>618.9</b>	<b>484.0</b>	<b>489.9</b>	<b>470.6</b>	<b>469.3</b>	<b>--</b>
Business to business electronic markets.....	42511	83.1	84.1	78.9	78.3	--	69.1	70.6	64.7	63.3	--
Wholesale trade agents and brokers .....	42512	535.7	534.4	539.2	540.6	--	414.9	419.3	405.9	406.0	--
<b>Retail trade.....</b>	<b>44,45</b>	<b>15,047.2</b>	<b>14,876.0</b>	<b>14,720.1</b>	<b>14,800.8</b>	<b>14,892.9</b>	<b>12,791.4</b>	<b>12,637.3</b>	<b>12,446.2</b>	<b>12,521.5</b>	<b>12,603.7</b>
Motor vehicle and parts dealers .....	441	1,879.2	1,871.3	1,860.5	1,868.9	1,881.2	1,539.8	1,533.0	1,526.1	1,536.3	--
Automobile dealers .....	4411	1,250.4	1,247.5	1,238.7	1,239.2	1,243.7	1,031.2	1,028.2	1,024.8	1,025.6	--
New car dealers .....	44111	1,137.9	1,137.1	1,125.6	1,126.8	--	954.1	953.8	945.3	946.5	--
Used car dealers .....	44112	112.5	110.4	113.1	112.4	--	77.2	74.4	79.5	79.1	--
Other motor vehicle dealers .....	4412	141.9	140.9	144.4	148.2	--	111.2	110.5	113.1	117.3	--
Recreational vehicle dealers .....	44121	33.4	33.3	36.1	36.3	--	--	--	--	--	--
Motorcycle, boat, and other vehicle dealers.....	44122	108.6	107.6	108.3	111.9	--	83.7	82.8	83.5	87.4	--
Auto parts, accessories, and tire stores .....	4413	486.9	482.9	477.4	481.5	--	397.4	394.3	388.2	393.4	--
Automotive parts and accessories stores.....	44131	329.0	327.1	324.1	326.2	--	271.3	270.7	266.4	269.8	--
Tire dealers .....	44132	157.9	155.8	153.3	155.3	--	126.1	123.6	121.8	123.6	--
Furniture and home furnishings stores .....	442	539.9	527.8	544.1	541.2	538.2	437.1	427.8	433.6	432.8	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Retail trade—Continued</b>											
Furniture stores .....	4421	280.7	277.3	283.0	282.4	--	229.8	227.6	229.3	229.2	--
Home furnishings stores .....	4422	259.2	250.5	261.1	258.8	--	207.3	200.2	204.3	203.6	--
Floor covering stores .....	44221	101.8	101.3	103.1	102.8	--	78.4	78.5	76.9	77.8	--
Other home furnishings stores .....	44229	157.5	149.2	158.0	156.0	--	128.9	121.7	127.4	125.8	--
Electronics and appliance stores .....	443	528.8	522.2	522.1	518.7	515.8	416.1	409.9	403.5	397.8	--
Appliance, TV, and other electronics stores .....	44311	324.8	321.3	315.5	312.7	--	264.4	259.9	256.0	252.5	--
Household appliance stores .....	443111	83.3	82.9	82.1	81.8	--	68.4	68.2	65.8	64.9	--
Radio, TV, and other electronics stores .....	443112	241.5	238.4	233.4	230.9	--	196.0	191.7	190.2	187.6	--
Computer, software, camera, and photography supply stores .....	44312,3	204.0	200.9	206.6	206.0	--	151.7	150.0	147.5	145.3	--
Building material and garden supply stores .....	444	1,179.1	1,190.7	1,151.6	1,207.2	1,240.2	946.2	955.9	916.5	967.7	--
Building material and supplies dealers .....	4441	1,026.4	1,025.5	1,012.4	1,044.1	--	823.2	823.1	805.6	835.7	--
Home centers .....	44411	540.7	545.3	534.2	559.1	--	434.1	438.1	427.1	450.1	--
Paint and wallpaper stores .....	44412	42.5	42.1	42.0	42.6	--	30.5	29.9	31.1	31.6	--
Hardware stores .....	44413	170.9	168.0	166.7	171.0	--	140.7	138.1	135.4	139.8	--
Other building material dealers .....	44419	272.4	270.1	269.5	271.4	--	218.0	217.0	212.0	214.2	--
Lawn and garden equipment and supplies stores .....	4442	152.7	165.2	139.2	163.1	--	123.0	132.8	110.9	132.0	--
Outdoor power equipment stores .....	44421	31.6	32.0	28.0	29.4	--	25.3	25.4	22.2	23.8	--
Nursery, garden, and farm supply stores .....	44422	121.1	133.2	111.2	133.7	--	97.7	107.4	88.7	108.2	--
Food and beverage stores .....	445	2,871.6	2,856.3	2,786.3	2,793.7	2,812.5	2,551.5	2,535.8	2,463.5	2,470.5	--
Grocery stores .....	4451	2,478.1	2,468.7	2,412.9	2,411.6	--	2,225.4	2,216.0	2,158.0	2,156.4	--
Supermarkets and other grocery stores .....	44511	2,332.5	2,323.3	2,267.7	2,267.3	--	2,098.2	2,089.6	2,031.7	2,030.8	--
Convenience stores .....	44512	145.5	145.4	145.2	144.3	--	127.2	126.4	126.3	125.6	--
Specialty food stores .....	4452	253.5	250.2	233.7	239.7	--	210.7	206.4	192.2	198.0	--
Meat markets and fish and seafood markets .....	44521,2	64.8	64.6	59.7	61.4	--	53.7	53.1	49.0	50.2	--
Fruit and vegetable markets .....	44523	45.2	44.1	40.4	41.1	--	39.2	38.4	34.6	35.4	--
Other specialty food stores .....	44529	143.5	141.5	133.6	137.2	--	117.8	114.9	108.6	112.4	--
Beer, wine, and liquor stores .....	4453	140.1	137.4	139.7	142.4	--	115.4	113.4	113.3	116.1	--
Health and personal care stores .....	446	946.6	932.8	955.7	957.8	962.5	777.0	766.5	788.2	788.9	--
Pharmacies and drug stores .....	44611	691.7	682.7	698.2	697.2	--	578.3	572.5	583.7	583.1	--
Cosmetic and beauty supply stores .....	44612	94.8	93.4	99.2	99.9	--	--	--	--	--	--
Optical goods stores .....	44613	66.4	65.9	64.4	65.3	--	47.4	47.1	46.6	47.1	--
Other health and personal care stores .....	44619	93.6	90.8	93.9	95.4	--	74.9	72.7	75.8	76.5	--
Food (health) supplement stores .....	446191	45.1	43.9	45.4	46.4	--	--	--	--	--	--
All other health and personal care stores .....	446199	48.6	46.9	48.5	49.0	--	39.2	38.0	39.1	38.7	--
Gasoline stations .....	447	903.6	893.8	896.1	903.1	908.1	773.4	764.6	766.8	772.6	--
Gasoline stations with convenience stores .....	44711	766.6	758.8	764.1	769.8	--	657.8	651.0	654.1	659.0	--
Other gasoline stations .....	44719	137.0	135.0	132.0	133.3	--	115.6	113.6	112.7	113.6	--
Clothing and clothing accessories stores .....	448	1,307.8	1,273.3	1,245.9	1,254.6	1,257.4	1,052.9	1,021.5	989.3	996.4	--
Clothing stores .....	4481	956.8	928.2	906.7	914.4	--	786.3	760.8	733.6	740.4	--
Men's clothing stores .....	44811	75.9	74.4	74.6	73.7	--	60.2	58.7	59.9	59.4	--
Women's clothing stores .....	44812	239.1	236.6	220.2	220.6	--	189.2	186.7	172.8	173.0	--
Children's and infants' clothing stores .....	44813	60.3	58.5	56.9	58.4	--	--	--	--	--	--
Family clothing stores .....	44814	430.5	409.3	408.8	414.5	--	367.8	350.0	342.5	347.8	--
Clothing accessories stores .....	44815	38.9	37.6	38.1	38.5	--	30.3	29.2	28.9	29.2	--
Other clothing stores .....	44819	112.1	111.8	108.1	108.7	--	88.1	87.2	82.6	82.5	--
Shoe stores .....	4482	181.9	180.5	173.2	175.1	--	137.8	136.5	131.9	132.6	--
Jewelry, luggage, and leather goods stores .....	4483	169.1	164.6	166.0	165.1	--	128.8	124.2	123.8	123.4	--
Sporting goods, hobby, book, and music stores .....	451	660.1	650.1	631.4	627.9	631.1	533.8	526.9	503.8	502.5	--
Sporting goods and musical instrument stores .....	4511	435.0	424.8	421.3	419.5	--	354.0	346.5	337.2	337.9	--
Sporting goods stores .....	45111	208.0	207.0	200.9	201.5	--	168.2	168.2	158.7	160.5	--
Hobby, toy, and game stores .....	45112	136.8	129.2	129.0	127.0	--	114.0	107.5	106.9	105.9	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Retail trade-Continued</b>											
Sewing, needlework, and piece goods stores.....	45113	53.3	52.5	54.2	53.3	--	44.1	43.7	43.2	42.6	--
Musical instrument and supplies stores.....	45114	37.0	36.1	37.2	37.7	--	--	--	--	--	--
Book, periodical, and music stores .....	4512	225.1	225.3	210.1	208.4	--	179.8	180.4	166.6	164.6	--
Book stores and news dealers .....	45121	155.3	154.2	147.3	146.6	--	125.9	125.7	118.9	117.9	--
Prerecorded tape, CD, and record stores.....	45122	69.8	71.1	62.8	61.8	--	53.9	54.7	47.7	46.7	--
General merchandise stores .....	452	2,820.7	2,772.9	2,761.5	2,760.6	2,770.1	2,612.5	2,562.8	2,549.2	2,550.1	--
Department stores .....	4521	1,709.8	1,677.7	1,658.0	1,640.8	1,642.3	1,583.7	1,549.1	1,531.0	1,514.4	--
Department stores, except discount .....	452111	810.5	786.9	776.0	770.5	--	731.9	705.7	698.1	692.6	--
Discount department stores .....	452112	899.3	890.8	882.0	870.3	--	851.8	843.4	832.9	821.8	--
Other general merchandise stores .....	4529	1,110.9	1,095.2	1,103.5	1,119.8	--	1,028.8	1,013.7	1,018.2	1,035.7	--
Warehouse clubs and supercenters .....	45291	797.9	791.6	791.1	803.3	--	760.3	753.8	752.4	764.8	--
All other general merchandise stores .....	45299	313.0	303.6	312.4	316.5	--	268.5	259.9	265.8	270.9	--
Miscellaneous store retailers .....	453	962.5	946.6	928.1	933.9	947.4	778.7	768.0	742.5	745.8	--
Florists .....	4531	122.9	124.4	115.1	117.3	--	103.5	105.7	95.5	97.6	--
Office supplies, stationery, and gift stores.....	4532	434.5	423.3	411.3	411.5	--	355.4	346.9	330.5	329.7	--
Office supplies and stationery stores .....	45321	189.1	188.3	189.8	189.1	--	150.3	150.7	150.8	149.5	--
Gift, novelty, and souvenir stores .....	45322	245.4	235.0	221.5	222.4	--	205.1	196.2	179.7	180.2	--
Used merchandise stores .....	4533	107.9	106.7	108.4	108.6	--	86.6	86.5	86.8	87.1	--
Other miscellaneous store retailers .....	4539	297.1	292.2	293.3	296.5	--	233.2	228.9	229.7	231.4	--
Pet and pet supplies stores .....	45391	78.6	77.2	81.4	80.4	--	63.0	61.5	65.9	64.1	--
Art dealers .....	45392	25.5	24.6	25.4	24.2	--	--	--	--	--	--
Manufactured and mobile home dealers.....	45393	32.8	32.8	31.6	33.0	--	--	--	--	--	--
All other miscellaneous store retailers .....	45399	160.3	157.6	154.9	158.9	--	127.7	126.4	121.5	124.7	--
Nonstore retailers .....	454	447.3	438.2	436.8	433.2	428.4	372.6	364.6	363.2	360.1	--
Electronic shopping and mail-order houses.....	4541	224.3	215.1	213.1	212.2	--	187.3	179.6	176.2	175.3	--
Mail-order houses .....	454113	170.7	162.8	161.4	160.2	--	144.1	137.1	137.2	136.3	--
Vending machine operators .....	4542	60.3	60.2	59.1	58.1	--	--	--	--	--	--
Direct selling establishments .....	4543	162.7	162.9	164.6	162.9	--	136.8	136.8	138.6	136.9	--
Fuel dealers .....	45431	102.6	101.9	106.5	104.1	--	86.9	86.2	90.1	87.5	--
Heating oil dealers .....	454311	54.4	53.8	58.2	56.6	--	46.0	45.2	49.4	47.7	--
Liquefied petroleum gas, bottled gas, and other fuel dealers.....	454312,9	48.2	48.1	48.3	47.5	--	40.9	41.0	40.7	39.8	--
Other direct selling establishments .....	45439	60.1	61.0	58.1	58.8	--	49.9	50.6	48.5	49.4	--
<b>Transportation and warehousing.....</b>	<b>48,49</b>	<b>4,205.3</b>	<b>4,191.8</b>	<b>4,107.8</b>	<b>4,111.7</b>	<b>4,137.6</b>	<b>3,595.7</b>	<b>3,586.5</b>	<b>3,490.4</b>	<b>3,492.1</b>	<b>3,513.4</b>
Air transportation .....	481	559.3	553.1	531.8	520.4	517.3	489.3	484.9	451.6	440.1	--
Scheduled air transportation .....	4811	515.9	510.2	489.5	477.6	--	452.1	448.2	416.6	404.7	--
Nonscheduled air transportation .....	4812	43.4	42.9	42.3	42.8	--	--	--	--	--	--
Rail transportation .....	482	218.1	218.5	214.2	216.3	217.2	--	--	--	--	--
Water transportation .....	483	51.6	52.4	48.9	49.1	50.2	--	--	--	--	--
Sea, coastal, and Great Lakes transportation.....	4831	31.7	32.0	30.4	30.4	--	--	--	--	--	--
Truck transportation .....	484	1,339.1	1,329.2	1,303.1	1,307.6	1,322.8	1,147.5	1,136.9	1,120.9	1,125.4	--
General freight trucking .....	4841	956.8	948.7	944.8	947.8	--	823.9	814.5	821.8	825.2	--
General freight trucking, local .....	48411	230.9	228.9	223.1	224.4	--	199.4	196.9	192.0	192.7	--
General freight trucking, long-distance .....	48412	725.9	719.8	721.7	723.4	--	624.5	617.6	629.8	632.5	--
General freight trucking, long-distance TL .....	484121	516.6	512.6	516.9	517.3	--	442.0	437.5	452.7	453.9	--
General freight trucking, long-distance LTL .....	484122	209.3	207.2	204.8	206.1	--	182.5	180.1	177.1	178.6	--
Specialized freight trucking .....	4842	382.3	380.5	358.3	359.8	--	323.6	322.4	299.1	300.2	--
Used household and office goods moving.....	48421	101.2	97.5	93.6	93.7	--	84.5	81.1	77.2	77.4	--
Other specialized trucking, local .....	48422	179.4	180.8	163.1	165.0	--	151.4	152.6	133.6	135.4	--
Other specialized trucking, long-distance.....	48423	101.7	102.2	101.6	101.1	--	87.8	88.7	88.3	87.4	--
Transit and ground passenger transportation.....	485	371.5	389.9	361.5	367.4	367.1	332.5	350.1	324.5	330.1	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>p</sup>	May 2003 <sup>p</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>p</sup>	May 2003 <sup>p</sup>
<b>Transportation and warehousing—Continued</b>											
Urban transit systems .....	4851	38.4	38.7	38.1	38.5	--	35.0	35.3	34.3	35.0	--
Interurban and rural bus transportation .....	4852	22.7	22.5	21.5	21.8	--	--	--	--	--	--
Taxi and limousine service .....	4853	66.0	68.3	62.0	61.0	--	--	--	--	--	--
Taxi service .....	48531	31.5	32.1	31.0	31.2	--	--	--	--	--	--
School and employee bus transportation .....	4854	153.8	170.6	151.2	155.6	--	139.1	156.0	137.5	141.8	--
Charter bus industry .....	4855	35.0	35.1	31.7	32.4	--	--	--	--	--	--
Other ground passenger transportation .....	4859	55.6	54.7	57.0	58.1	--	49.5	48.8	51.1	52.2	--
Pipeline transportation .....	486	41.5	42.1	39.9	40.1	40.0	30.9	31.4	30.0	30.2	--
Scenic and sightseeing transportation .....	487	25.9	22.9	22.5	25.0	28.9	20.5	18.2	17.7	20.0	--
Support activities for transportation .....	488	526.7	522.3	520.1	521.0	527.6	437.8	432.9	430.4	430.2	--
Support activities for air transportation .....	4881	140.6	137.6	139.1	139.9	--	120.9	118.2	118.0	118.6	--
Airport operations .....	48811	65.4	63.4	65.3	66.0	--	55.9	53.9	55.7	56.2	--
Support activities for water transportation .....	4883	95.5	93.7	94.8	94.9	--	84.5	82.4	83.8	84.1	--
Port and harbor operations .....	48831	23.2	22.7	23.4	23.4	--	21.6	21.2	21.6	21.8	--
Marine cargo handling .....	48832	39.9	38.2	41.5	41.6	--	35.6	33.6	37.8	37.8	--
Navigational services and other water transportation support activities .....	48833,9	32.3	32.8	29.9	29.9	--	--	--	--	--	--
Support activities for road transportation .....	4884	70.5	69.4	71.4	70.3	--	59.5	58.0	60.7	59.2	--
Motor vehicle towing .....	48841	43.5	42.7	43.8	42.9	--	--	--	--	--	--
Freight transportation arrangement .....	4885	166.9	168.4	163.3	163.6	--	128.9	130.7	124.0	124.1	--
Support activities for other transportation, including rail .....	4882,9	53.1	53.2	51.5	52.3	--	44.1	43.6	43.9	44.2	--
Couriers and messengers .....	491,2	558.0	556.9	556.1	555.6	556.6	454.6	456.4	446.2	445.7	--
Couriers .....	4921	503.4	502.7	501.2	501.0	--	409.6	411.9	400.6	400.3	--
Local messengers and local delivery .....	4911,22	54.5	54.2	54.9	54.6	--	--	--	--	--	--
Warehousing and storage .....	493	513.6	504.5	509.7	509.2	509.9	445.5	437.5	436.0	434.9	--
General warehousing and storage .....	49311	421.2	415.4	416.7	415.9	--	369.0	363.6	360.4	359.5	--
Refrigerated warehousing and storage .....	49312	45.1	42.9	47.3	46.8	--	37.3	35.6	38.7	38.4	--
Miscellaneous warehousing and storage .....	49313,9	47.3	46.2	45.7	46.5	--	39.2	38.3	36.9	37.0	--
<b>Utilities</b> .....	22	599.8	597.5	592.8	592.6	594.1	481.3	479.2	475.0	473.9	475.5
Power generation and supply .....	2211	435.7	434.6	428.8	428.1	--	346.6	345.1	341.7	340.4	--
Electric power generation .....	22111	275.0	274.9	269.1	267.9	--	213.6	213.2	208.5	206.7	--
Hydroelectric power generation .....	221111	68.5	68.1	67.0	67.1	--	--	--	--	--	--
Fossil fuel electric power generation .....	221112	150.9	150.5	147.8	146.3	--	113.6	113.6	111.2	109.1	--
Nuclear and other electric power generation .....	221113,9	55.7	56.3	54.3	54.5	--	--	--	--	--	--
Electric power transmission and distribution .....	22112	160.7	159.7	159.7	160.2	--	133.0	131.9	133.2	133.7	--
Electric bulk power transmission and control .....	221121	27.1	26.9	27.4	27.7	--	22.8	22.6	23.2	23.3	--
Electric power distribution .....	221122	133.5	132.8	132.3	132.5	--	110.1	109.3	110.0	110.4	--
Natural gas distribution .....	2212	115.6	114.6	115.1	115.4	--	97.5	96.6	97.2	97.4	--
Water, sewage and other systems .....	2213	48.5	48.3	48.9	49.1	--	37.3	37.5	36.1	36.1	--
<b>Information</b> .....		3,420	3,432	3,296	3,296	3,297	2,416	2,428	2,415	2,416	2,421
Publishing industries, except Internet .....	511	969.4	968.6	952.1	948.1	943.5	--	--	661.0	658.9	--
Newspaper, book, and directory publishers .....	5111	713.5	712.7	703.0	699.5	--	--	--	467.2	465.6	--
Newspaper publishers .....	51111	388.5	387.1	384.4	382.1	--	--	--	263.3	263.3	--
Periodical publishers .....	51112	156.4	155.8	155.0	155.3	--	--	--	92.8	93.2	--
Book publishers .....	51113	85.0	85.9	83.6	83.3	--	--	--	53.7	53.2	--
Directory and mailing list publishers .....	51114	52.0	52.3	47.1	47.3	--	--	--	33.3	33.5	--
Other publishers .....	51119	31.6	31.6	32.9	31.5	--	--	--	--	--	--
Software publishers .....	5112	256.0	255.9	249.1	248.6	--	199.3	199.7	193.8	193.3	--
Motion picture and sound recording industries .....	512	387.1	383.3	364.7	364.8	375.4	314.4	311.0	295.0	291.6	--
Motion picture and video industries .....	5121	359.7	356.0	338.4	338.2	--	296.4	293.1	278.4	274.5	--
Motion picture and video production .....	51211	192.1	191.7	180.3	181.8	--	148.7	148.2	141.2	138.9	--
Motion picture and video exhibition .....	51213	138.4	134.3	132.6	131.6	--	123.6	120.0	117.0	116.0	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Information-Continued</b>											
Miscellaneous motion picture and video industries .....	51212,9										
Sound recording industries .....	5122	29.2	30.0	25.5	24.8	--	--	--	--	--	--
Broadcasting, except Internet .....	515	27.4	27.3	26.3	26.6	--	--	--	--	--	--
Radio and television broadcasting .....	5151	333.8	332.6	325.2	324.4	323.1	255.1	252.9	248.9	248.6	--
Radio broadcasting .....	51511	240.9	240.8	238.9	237.7	--	192.2	191.2	189.6	188.7	--
Television broadcasting .....	51512	110.3	109.2	108.2	107.3	--	90.7	89.7	88.9	87.9	--
Cable and other subscription programming .....	5152	130.6	131.6	130.7	130.4	--	101.4	101.5	100.7	100.8	--
Internet publishing and broadcasting .....	516	92.9	91.8	86.3	86.7	--	--	--	--	--	--
Telecommunications .....	517	34.8	34.9	33.5	33.7	33.2	--	--	--	--	--
Wired telecommunications carriers .....	5171	1,200.9	1,213.7	1,143.3	1,143.6	1,143.1	876.5	886.4	831.9	833.5	--
Wireless telecommunications carriers .....	5172	662.4	670.4	628.8	628.5	--	484.6	492.0	454.7	454.1	--
Cellular and other wireless carriers .....	517212	195.9	198.5	186.8	188.1	--	142.4	144.2	134.6	136.7	--
Telecommunications resellers .....	5173	168.7	171.5	162.1	164.1	--	119.0	120.9	114.0	117.0	--
Cable and other program distribution .....	5175	185.7	187.6	175.1	175.2	--	128.9	129.8	122.1	122.3	--
ISPs, search portals, and data processing .....	518	128.0	127.5	125.8	124.7	--	101.7	101.6	101.3	100.7	--
ISPs and web search portals .....	5181	447.4	452.2	430.8	435.4	433.4	322.1	327.7	313.7	318.4	--
Data processing and related services .....	5182	142.1	142.0	139.5	141.4	--	102.9	103.6	101.1	103.7	--
Other information services .....	519	305.3	310.2	291.3	294.0	--	219.2	224.1	212.6	214.7	--
<b>Financial activities<sup>2</sup></b> .....		46.6	46.7	46.1	46.3	45.7	37.8	37.9	37.6	37.7	--
Finance and insurance .....	52	7,843	7,800	7,897	7,926	7,961	5,866	5,836	5,899	5,919	5,952
Monetary authorities - central bank .....	521	5,814.9	5,790.8	5,888.1	5,897.5	5,915.5	4,295.1	4,279.7	4,358.0	4,358.2	--
Credit intermediation and related activities .....	522	23.1	23.3	22.2	22.1	22.1	--	--	--	--	--
Depository credit intermediation .....	5221	2,682.3	2,658.3	2,746.7	2,759.2	2,783.4	1,965.3	1,950.6	2,022.4	2,030.8	--
Commercial banking .....	52211	1,738.2	1,729.1	1,758.0	1,760.6	1,768.9	1,264.8	1,256.6	1,288.4	1,290.1	--
Savings institutions .....	52212	1,284.7	1,278.7	1,296.6	1,298.1	1,303.7	917.9	912.4	933.7	934.9	--
Credit unions and other depository credit intermediation .....	52213,9	237.9	237.2	239.9	240.2	--	175.4	174.9	178.9	178.8	--
Nondepository credit intermediation .....	5222	215.6	213.2	221.5	222.3	--	171.5	169.3	175.8	176.4	--
Credit card issuing .....	52221	690.1	680.9	718.4	724.4	--	518.5	514.0	540.0	544.0	--
Sales financing .....	52222	131.8	134.1	128.8	130.2	--	99.6	100.9	99.1	100.9	--
Other nondepository credit intermediation .....	52229	112.0	109.6	116.1	115.8	--	73.5	70.6	78.4	78.1	--
Consumer lending .....	522291	446.3	437.2	473.5	478.4	--	345.4	342.5	362.5	365.0	--
Real estate credit .....	522292	99.6	99.1	103.7	104.6	--	69.9	70.6	74.0	73.9	--
Miscellaneous nondepository credit intermediation .....	522293,4,8	269.9	262.0	292.1	295.2	--	221.9	218.6	234.0	236.1	--
Activities related to credit intermediation .....	5223	76.8	76.1	77.7	78.6	--	53.7	53.3	54.5	55.0	--
Mortgage and nonmortgage loan brokers .....	52231	254.0	248.3	270.3	274.2	--	182.0	180.0	194.0	196.7	--
Financial transaction processing and clearing .....	52232	83.8	78.6	99.6	102.7	--	58.9	55.3	72.7	75.4	--
Other credit intermediation activities .....	52239	80.8	81.5	79.3	79.9	--	--	--	--	--	--
Securities, commodity contracts, investments .....	523	89.5	88.2	91.4	91.6	--	65.8	66.3	63.8	63.6	--
Securities brokerage .....	52312	800.8	802.6	797.4	792.5	788.2	507.4	506.5	505.6	499.5	--
Securities and commodity contracts brokerage and exchanges .....	5231,2	328.6	333.2	319.9	318.9	--	195.9	196.7	191.5	189.3	--
Other financial investment activities .....	5239	538.7	542.6	529.3	525.3	--	330.0	329.6	326.8	322.8	--
Miscellaneous intermediation .....	52391	262.1	260.0	268.1	267.2	--	177.4	176.9	178.8	176.7	--
Portfolio management .....	52392	25.3	24.4	29.3	29.7	--	--	--	--	--	--
Investment advice .....	52393	98.7	98.2	100.6	99.9	--	68.4	68.6	67.1	65.8	--
All other financial investment activities .....	52399	86.5	86.6	85.9	86.1	--	59.8	61.5	57.3	57.6	--
Insurance carriers and related activities .....	524	51.6	50.8	52.3	51.5	--	--	--	--	--	--
Insurance carriers .....	5241	2,223.1	2,220.6	2,237.8	2,240.5	2,238.7	1,746.1	1,745.3	1,755.8	1,754.5	--
Direct life and health insurance carriers .....	52411	1,402.2	1,408.3	1,403.4	1,402.4	--	1,105.7	1,109.6	1,109.9	1,105.5	--
Direct life insurance carriers .....	524113	785.4	790.0	782.4	779.5	--	596.3	598.5	598.3	593.5	--
Direct health and medical insurance carriers .....	524114	444.4	448.0	443.2	441.0	--	317.2	318.8	317.4	313.6	--
		341.1	342.0	339.2	338.5	--	279.1	279.7	280.9	279.9	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Financial activities—Continued</b>											
Direct insurers, except life and health	52412	586.3	587.1	593.3	595.3	--	488.9	490.5	493.0	493.5	--
Direct property and casualty insurers	524126	494.5	495.4	495.2	496.4	--	417.0	418.0	418.6	419.4	--
Direct title insurance and other direct insurance carriers	524127,8	91.7	91.7	98.1	98.9	--	71.9	72.5	74.4	74.1	--
Reinsurance carriers	52413	30.5	31.2	27.7	27.6	--	20.5	20.6	18.6	18.5	--
Insurance agencies, brokerages, and related services	5242	820.9	812.3	834.4	838.1	--	640.4	635.7	645.9	649.0	--
Insurance agencies and brokerages	52421	618.7	610.0	633.3	636.0	--	473.9	469.1	480.9	483.0	--
Other insurance-related activities	52429	202.3	202.3	201.1	202.1	--	166.6	166.6	165.0	166.0	--
Claims adjusting	524291	47.4	48.1	45.8	46.0	--	39.4	40.2	38.1	38.9	--
Third-party administration of insurance funds	524292	112.8	112.2	112.9	113.4	--	93.6	93.3	92.9	93.0	--
All other insurance-related activities	524298	42.1	42.0	42.4	42.7	--	--	--	--	--	--
Funds, trusts, and other financial vehicles	525	85.6	86.0	84.0	83.2	83.1	60.0	60.6	58.7	57.9	--
Insurance and employee benefit funds	5251	47.1	47.3	46.4	45.9	--	--	--	--	--	--
Other investment pools and funds	5259	38.5	38.7	37.6	37.3	--	23.3	23.6	22.0	21.5	--
Real estate and rental and leasing	53	2,027.8	2,009.0	2,008.6	2,028.0	2,045.8	1,571.2	1,556.2	1,541.4	1,560.4	--
Real estate	531	1,347.7	1,333.7	1,344.3	1,355.7	1,362.4	1,026.8	1,016.8	1,014.0	1,023.4	--
Lessors of real estate	5311	605.4	601.9	599.4	603.7	--	481.4	477.1	476.7	480.9	--
Lessors of residential buildings	53111	380.4	378.4	375.0	377.5	--	307.0	304.2	305.3	307.1	--
Lessors of nonresidential buildings	53112	148.2	148.0	147.1	147.8	--	115.7	115.0	114.7	115.2	--
Miniwarehouse and self-storage unit operators	53113	33.2	32.9	34.4	34.3	--	--	--	--	--	--
Lessors of other real estate property	53119	43.6	42.6	42.9	44.1	--	32.0	31.5	29.6	31.2	--
Offices of real estate agents and brokers	5312	298.9	292.1	302.1	305.6	--	216.0	213.1	214.2	216.9	--
Activities related to real estate	5313	443.5	439.7	442.8	446.4	--	329.5	326.6	323.1	325.6	--
Real estate property managers	53131	375.7	375.3	370.9	374.2	--	281.6	280.6	275.6	277.7	--
Residential property managers	531311	261.2	262.0	254.9	257.0	--	197.4	196.4	191.7	192.7	--
Nonresidential property managers	531312	114.6	113.3	116.0	117.2	--	84.3	84.2	83.9	85.0	--
Offices of real estate appraisers	53132	37.8	36.4	40.5	40.5	--	--	--	--	--	--
Other activities related to real estate	53139	29.9	28.0	31.4	31.7	--	--	--	--	--	--
Rental and leasing services	532	652.3	647.9	637.3	644.2	654.0	522.3	517.6	506.1	514.8	--
Automotive equipment rental and leasing	5321	197.2	195.5	198.4	196.1	--	165.5	163.5	164.9	161.9	--
Passenger car rental and leasing	53211	136.5	135.3	135.7	132.2	--	115.1	113.6	112.0	108.1	--
Truck, trailer, and RV rental and leasing	53212	60.7	60.2	62.7	63.9	--	--	--	--	--	--
Consumer goods rental	5322	290.1	288.5	283.6	292.2	--	227.4	225.3	224.7	234.6	--
Video tape and disc rental	53223	157.1	155.8	154.4	156.6	--	126.1	124.0	126.9	131.2	--
Miscellaneous consumer goods rental	53221,2,9	132.9	132.7	129.2	135.6	--	101.3	101.3	97.8	103.4	--
Home health equipment rental	532291	38.2	38.0	41.5	41.0	--	--	--	--	--	--
General rental centers	5323	62.8	62.4	57.3	58.8	--	50.3	50.2	43.7	44.8	--
Machinery and equipment rental and leasing	5324	102.2	101.5	98.0	97.1	--	79.0	78.6	72.8	73.5	--
Heavy machinery rental and leasing	53241	54.6	54.2	49.4	48.4	--	41.9	41.8	36.8	37.1	--
Office equipment and other machinery rental and leasing	53242,9	47.7	47.3	48.6	48.7	--	--	--	--	--	--
Lessors of nonfinancial intangible assets	533	27.8	27.4	27.0	28.1	29.4	--	--	--	--	--
<b>Professional and business services</b>		16,010	15,988	15,810	15,942	16,017	13,075	13,106	12,759	12,864	12,924
Professional and technical services	54	6,715.0	6,745.5	6,824.0	6,807.2	6,663.1	5,087.0	5,140.7	5,169.3	5,155.5	--
Legal services	5411	1,111.8	1,097.8	1,119.7	1,119.6	1,121.9	844.3	833.9	856.5	858.3	--
Offices of lawyers	54111	1,043.2	1,030.0	1,047.9	1,046.4	--	791.0	781.5	798.5	799.3	--
Other legal services	54119	68.5	67.8	71.8	73.2	--	53.3	52.4	58.0	59.0	--
Title abstract and settlement offices	541191	52.4	52.8	54.7	56.2	--	--	--	--	--	--
Accounting and bookkeeping services	5412	867.1	944.0	1,030.8	999.2	838.0	660.1	736.4	811.6	784.3	--
Offices of certified public accountants	541211	401.0	420.4	415.4	413.9	--	287.7	306.2	305.7	304.7	--
Tax preparation services	541213	98.5	153.6	225.4	201.8	--	82.2	137.1	193.7	171.8	--
Payroll services	541214	126.0	122.9	125.7	125.8	--	94.9	91.1	97.7	98.4	--
Other accounting services	541219	241.6	247.1	264.3	257.7	--	195.3	202.0	214.5	209.4	--
Architectural and engineering services	5413	1,251.1	1,239.8	1,228.1	1,233.6	1,244.2	984.4	977.4	958.3	962.3	--
Architectural services	54131	183.8	183.9	178.5	178.4	--	139.2	139.5	133.7	133.9	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Professional and business services-Continued</b>											
Landscape architectural services .....	54132	40.1	40.4	38.3	41.3	--	32.0	31.9	31.4	34.6	--
Engineering and drafting services .....	54133,4	794.6	786.7	785.5	785.9	--	634.7	628.0	623.7	623.0	--
Building inspection, surveying, and mapping services .....	54135,6,7	86.1	84.5	83.7	85.1	--	69.4	68.6	66.1	67.2	--
Testing laboratories .....	54138	146.4	144.3	142.1	142.9	--	109.1	109.4	103.4	103.6	--
Specialized design services .....	5414	122.9	121.5	117.8	117.8	--	90.8	89.3	87.9	86.7	--
Interior design services .....	54141	33.9	33.8	31.5	32.1	--	23.8	23.2	22.6	23.0	--
Graphic design services .....	54143	71.7	70.8	71.2	70.2	--	52.7	52.8	51.2	49.9	--
Computer systems design and related services .....	5415	1,162.7	1,167.2	1,144.9	1,147.3	1,143.4	925.9	935.9	892.9	894.0	--
Custom computer programming services .....	541511	511.8	511.5	504.0	502.6	--	411.2	414.7	392.1	389.1	--
Computer systems design services .....	541512	462.4	466.2	450.2	453.3	--	361.6	367.4	348.0	351.1	--
Computer facilities management services .....	541513	58.4	59.0	57.4	56.5	--	--	--	--	--	--
Other computer-related services .....	541519	130.1	130.5	133.3	134.9	--	104.8	104.6	105.8	107.1	--
Management and technical consulting services .....	5416	731.8	723.7	730.8	728.2	732.1	485.2	478.3	494.5	493.8	--
Management consulting services .....	54161	618.8	613.6	617.0	613.4	--	399.1	395.5	409.3	407.0	--
Administrative management consulting services .....	541611	275.4	273.8	272.3	270.0	--	182.2	181.8	180.5	178.6	--
Human resource consulting services .....	541612	98.0	98.7	96.8	96.3	--	72.8	74.8	71.9	71.5	--
Marketing consulting services .....	541613	90.1	85.9	92.7	93.8	--	45.2	42.4	53.2	55.0	--
Process and logistics consulting services .....	541614	64.7	63.8	68.2	67.5	--	45.0	45.2	47.5	46.0	--
Other management consulting services .....	541618	90.6	91.4	87.0	85.8	--	54.0	51.3	56.2	55.9	--
Environmental consulting services .....	54162	62.0	60.8	63.0	63.5	--	49.8	48.5	49.2	49.8	--
Other technical consulting services .....	54169	51.0	49.3	50.8	51.3	--	36.3	34.3	36.0	37.0	--
Scientific research and development services .....	5417	537.3	531.3	534.4	537.2	--	377.7	379.2	367.8	370.5	--
Physical, engineering, and biological research .....	54171	467.1	459.8	465.7	467.8	--	329.5	329.9	320.2	321.8	--
Social science and humanities research .....	54172	70.2	71.5	68.7	69.4	--	48.2	49.3	47.6	48.7	--
Advertising and related services .....	5418	441.9	442.4	435.3	437.1	--	311.8	311.9	304.9	307.0	--
Advertising agencies .....	54181	174.6	174.8	171.0	171.3	--	110.1	110.0	106.5	107.1	--
Public relations agencies .....	54182	49.0	48.2	49.7	48.8	--	31.3	30.4	31.9	31.1	--
Media buying agencies and media representatives .....	54183,4	38.3	39.3	36.0	35.5	--	--	--	--	--	--
Direct mail advertising .....	54186	78.8	79.2	79.5	80.2	--	61.3	63.7	58.5	58.8	--
Advertising material distribution and other advertising services .....	54187,9	74.0	72.4	72.9	74.5	--	63.1	61.2	62.6	64.2	--
Other professional and technical services .....	5419	488.4	477.8	482.2	487.2	--	406.9	398.4	394.9	398.6	--
Marketing research and public opinion polling .....	54191	117.8	111.8	120.0	117.8	--	96.5	90.7	98.1	96.2	--
Photographic services .....	54192	82.9	82.1	70.5	73.6	--	69.4	68.4	56.1	59.0	--
Veterinary services .....	54194	240.8	237.0	245.0	247.7	--	201.0	198.5	202.0	203.5	--
Miscellaneous professional and technical services .....	54193,9	46.9	46.9	46.7	48.1	--	40.0	40.8	38.7	39.9	--
Management of companies and enterprises .....	55	1,711.1	1,703.8	1,686.2	1,690.0	1,692.3	1,288.0	1,289.8	1,217.4	1,214.2	--
Offices of bank holding companies and of other holding companies .....	551111,2	98.5	95.6	99.0	99.3	--	57.6	54.3	56.4	56.4	--
Managing offices .....	551114	1,612.6	1,608.2	1,587.2	1,590.7	--	1,230.5	1,235.5	1,161.0	1,157.8	--
Administrative and waste services .....	56	7,583.8	7,538.4	7,299.5	7,444.3	7,661.2	6,699.7	6,675.5	6,372.4	6,494.1	--
Administrative and support services .....	561	7,266.8	7,222.2	6,990.6	7,126.1	7,340.6	6,433.3	6,406.5	6,120.6	6,233.7	--
Office administrative services .....	5611	286.7	282.6	293.6	297.1	--	214.1	212.3	215.0	217.5	--
Facilities support services .....	5612	103.6	102.5	107.3	108.5	--	88.1	86.6	90.3	91.2	--
Employment services .....	5613	3,248.8	3,203.5	3,122.3	3,144.1	3,268.9	3,037.8	2,995.6	2,888.3	2,902.4	--
Employment placement agencies .....	56131	278.1	274.5	271.0	267.3	--	262.4	260.0	250.6	247.2	--
Temporary help services .....	56132	2,185.7	2,154.6	2,043.7	2,061.3	2,164.2	2,095.1	2,062.0	1,964.3	1,980.2	--
Professional employer organizations .....	56133	785.0	774.4	807.6	815.5	--	680.3	673.6	673.4	675.0	--
Business support services .....	5614	757.0	766.1	751.1	749.8	744.4	633.7	644.4	626.0	624.2	--
Document preparation services .....	56141	36.5	36.9	38.0	39.1	--	--	--	--	--	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Professional and business services-Continued</b>											
Telephone call centers .....	56142	373.3	380.3	370.8	368.7	--	323.1	330.6	319.0	318.1	--
Telephone answering services .....	561421	53.5	53.6	50.9	50.8	--	45.6	46.8	41.8	41.9	--
Telemarketing bureaus .....	561422	319.7	326.7	319.9	317.9	--	277.6	283.8	277.2	276.2	--
Business service centers .....	56143	86.5	87.2	86.3	86.4	--	69.4	71.5	68.8	68.1	--
Collection agencies .....	56144	141.3	141.4	138.1	135.1	--	119.9	121.0	117.0	114.7	--
Credit bureaus .....	56145	30.3	30.3	32.6	32.8	--	--	--	--	--	--
Other business support services .....	56149	89.2	90.0	85.3	87.7	--	70.2	70.9	65.7	67.2	--
Travel arrangement and reservation services.....	5615	258.0	257.5	259.6	259.0	--	202.4	202.5	206.1	206.1	--
Travel agencies .....	56151	135.4	138.3	136.0	133.9	--	100.1	102.1	104.3	103.1	--
Tour operators .....	56152	31.3	30.1	29.2	29.3	--	24.5	24.2	22.6	22.6	--
Other travel arrangement services .....	56159	91.4	89.1	94.4	95.8	--	77.7	76.2	79.2	80.4	--
Investigation and security services .....	5616	726.0	729.9	705.9	710.1	--	647.0	648.2	628.5	632.4	--
Security and armored car services .....	56161	620.8	623.7	604.0	608.4	--	573.6	575.9	553.3	557.4	--
Investigation services .....	561611	46.8	47.3	45.5	46.0	--	--	--	--	--	--
Security guards and patrols and armored car services.....	561612,3	574.0	576.4	558.5	562.4	--	531.4	532.8	513.6	517.6	--
Security systems services .....	56162	105.2	106.2	101.9	101.7	--	73.4	72.3	75.2	75.0	--
Services to buildings and dwellings .....	5617	1,597.3	1,592.0	1,485.8	1,590.4	1,666.4	1,365.5	1,367.4	1,249.7	1,341.5	--
Exterminating and pest control services.....	56171	88.4	89.9	83.3	87.1	--	61.8	63.1	57.0	60.1	--
Janitorial services .....	56172	866.4	859.6	860.7	857.8	--	772.8	769.8	759.6	755.3	--
Landscaping services .....	56173	525.2	527.8	428.3	530.3	--	436.2	441.2	344.9	436.4	--
Carpet and upholstery cleaning services.....	56174	47.7	46.3	44.5	44.6	--	37.6	36.5	33.8	33.6	--
Other services to buildings and dwellings.....	56179	69.7	68.4	69.0	70.6	--	57.1	56.8	54.4	56.1	--
Other support services .....	5619	289.3	288.1	265.0	267.1	--	244.8	249.5	216.7	218.4	--
Packaging and labeling services .....	56191	55.5	55.2	54.3	53.7	--	47.5	48.0	46.1	45.3	--
Convention and trade show organizers.....	56192	51.7	48.0	41.2	44.5	--	44.5	41.7	33.1	36.1	--
All other support services .....	56199	182.2	184.9	169.5	168.9	--	152.8	159.8	137.5	137.0	--
Waste management and remediation services.....	562	316.9	316.2	308.9	318.2	320.6	266.4	269.0	251.8	260.4	--
Waste collection .....	5621	101.0	101.2	99.1	99.6	--	88.2	89.9	84.6	85.1	--
Waste treatment and disposal .....	5622	119.7	119.1	118.1	121.0	--	99.0	100.9	93.0	95.4	--
Hazardous waste treatment and disposal.....	562211	49.3	49.6	50.7	50.6	--	--	--	--	--	--
Nonhazardous waste treatment and disposal.....	562212,3,9	70.4	69.5	67.4	70.4	--	59.7	59.2	56.9	59.7	--
Remediation and other waste services .....	5629	96.3	95.9	91.7	97.6	--	79.2	78.2	74.2	79.9	--
Remediation services .....	56291	59.7	61.1	53.9	58.1	--	48.7	49.4	42.9	46.7	--
Materials recovery facilities and other waste management services.....	56292,9	36.5	34.8	37.8	39.5	--	--	--	--	--	--
<b>Education and health services.....</b>											
Educational services .....	61	2,650.6	2,761.3	2,842.1	2,864.9	2,776.1	--	--	--	--	--
Elementary and secondary schools .....	6111	784.9	794.7	811.3	812.1	--	--	--	--	--	--
Junior colleges .....	6112	87.1	91.1	90.3	89.3	--	--	--	--	--	--
Colleges and universities .....	6113	1,348.3	1,443.6	1,500.8	1,516.5	--	--	--	--	--	--
Business, computer, and management training.....	6114	83.0	83.5	84.1	86.9	--	--	--	--	--	--
Business and secretarial schools and computer training.....	61141,2	39.2	39.7	39.3	39.4	--	--	--	--	--	--
Management training .....	61143	43.9	43.8	44.8	47.5	--	--	--	--	--	--
Technical and trade schools .....	6115	95.8	96.4	99.8	98.8	--	--	--	--	--	--
Other schools and instruction .....	6116	202.5	205.2	206.8	209.8	--	--	--	--	--	--
Fine arts schools .....	61161	51.2	55.8	53.2	54.0	--	--	--	--	--	--
Sports and recreation instruction .....	61162	46.5	44.2	44.4	43.4	--	--	--	--	--	--
Miscellaneous schools and instruction .....	61163,9	104.9	105.2	109.2	112.4	--	--	--	--	--	--
Educational support services .....	6117	49.0	46.8	49.0	51.5	--	--	--	--	--	--
Health care and social assistance .....	62	13,533.2	13,471.5	13,743.1	13,776.1	13,797.4	11,985.1	11,944.0	12,100.8	12,123.6	--
Ambulatory health care services .....	621	4,633.4	4,595.5	4,731.7	4,747.1	4,765.2	3,965.5	3,937.9	4,014.5	4,023.5	--
Offices of physicians .....	6211	1,982.6	1,958.8	2,034.4	2,036.2	2,039.0	1,648.4	1,630.7	1,672.6	1,668.5	--
Offices of physicians, except mental health.....	621111	1,943.4	1,918.9	1,996.5	1,997.4	--	1,615.7	1,596.9	1,642.3	1,637.4	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Education and health services-Continued</b>											
Offices of mental health physicians .....	621112	39.2	39.9	37.9	38.8	--	32.8	33.8	30.3	31.1	--
Offices of dentists .....	6212	725.5	719.5	739.9	742.1	--	627.3	623.2	633.6	633.2	--
Offices of other health practitioners .....	6213	481.8	479.6	484.9	489.8	--	392.9	391.9	390.0	393.1	--
Offices of chiropractors .....	62131	103.8	103.6	104.9	106.2	--	80.5	80.0	80.7	81.7	--
Offices of optometrists .....	62132	90.1	90.9	90.7	90.7	--	70.7	70.3	71.4	71.2	--
Offices of mental health practitioners .....	62133	55.5	54.7	58.5	60.5	--	47.5	46.5	49.0	50.7	--
Offices of specialty therapists .....	62134	170.6	169.3	168.4	169.5	--	146.4	147.5	139.5	139.6	--
Offices of all other health practitioners .....	62139	61.8	61.1	62.4	62.9	--	47.8	47.6	49.4	49.9	--
Offices of podiatrists .....	621391	31.1	30.4	29.8	29.9	--	--	--	--	--	--
Offices of miscellaneous health practitioners .....	621399	30.7	30.7	32.6	33.0	--	--	--	--	--	--
Outpatient care centers .....	6214	409.7	410.0	412.7	413.3	413.9	356.0	356.5	355.5	358.0	--
Outpatient mental health centers .....	62142	137.2	137.8	135.5	135.8	--	118.3	118.4	116.5	117.2	--
Outpatient care centers, except mental health .....	62141,9	272.5	272.2	277.2	277.5	--	237.7	238.1	239.0	240.8	--
HMO medical centers .....	621491	62.5	63.1	62.4	62.2	--	--	--	--	--	--
Kidney dialysis centers .....	621492	67.1	66.8	68.9	69.0	--	--	--	--	--	--
Freestanding emergency medical centers .....	621493	57.4	56.7	59.5	59.2	--	--	--	--	--	--
Miscellaneous outpatient care centers .....	621410,98	85.4	85.6	86.4	87.1	--	73.3	74.5	72.3	73.9	--
Medical and diagnostic laboratories .....	6215	174.4	174.0	176.4	174.8	--	151.9	151.8	153.2	152.8	--
Medical laboratories .....	621511	125.7	125.9	126.5	126.8	--	109.5	110.1	109.0	110.4	--
Diagnostic imaging centers .....	621512	48.7	48.1	49.9	48.0	--	--	--	--	--	--
Home health care services .....	6216	675.1	669.9	696.6	703.8	709.4	621.9	616.8	641.7	650.3	--
Other ambulatory health care services .....	6219	184.4	183.7	186.8	187.1	--	167.0	167.0	167.9	167.6	--
Ambulance services .....	62191	104.1	103.5	104.6	104.7	--	97.0	96.4	96.5	96.4	--
All other ambulatory health care services .....	62199	80.3	80.2	82.2	82.4	--	70.0	70.6	71.4	71.2	--
Blood and organ banks .....	621991	53.6	52.8	55.7	55.4	--	47.4	47.0	49.2	49.0	--
Miscellaneous ambulatory health care services .....	621999	26.7	27.4	26.5	27.0	--	--	--	--	--	--
Hospitals .....	622	4,153.1	4,125.8	4,208.7	4,205.0	4,208.8	3,834.7	3,816.7	3,867.0	3,862.3	--
General medical and surgical hospitals .....	6221	3,925.5	3,899.1	3,977.4	3,973.7	--	3,629.8	3,611.0	3,661.8	3,656.8	--
Psychiatric and substance abuse hospitals .....	6222	89.7	88.0	89.5	89.2	--	79.5	78.1	79.5	79.3	--
Other hospitals .....	6223	138.0	138.7	141.8	142.1	--	125.5	127.6	125.7	126.2	--
Nursing and residential care facilities .....	623	2,743.2	2,730.0	2,771.3	2,779.2	2,782.6	2,450.6	2,442.2	2,465.1	2,473.2	--
Nursing care facilities .....	6231	1,573.7	1,567.6	1,580.5	1,583.0	1,586.9	1,416.9	1,412.0	1,419.5	1,422.4	--
Residential mental health facilities .....	6232	474.1	471.3	485.1	485.0	--	415.2	413.1	423.0	423.1	--
Residential mental retardation facilities .....	62321	327.9	326.6	335.4	334.8	--	289.3	288.2	295.3	294.4	--
Residential mental and substance abuse care .....	62322	146.2	144.7	149.7	150.2	--	125.8	124.9	127.7	128.7	--
Community care facilities for the elderly .....	6233	530.1	526.0	541.4	547.1	--	474.9	472.7	482.8	488.9	--
Continuing care retirement communities .....	623311	232.7	231.3	237.2	237.4	--	211.6	210.5	214.4	214.6	--
Homes for the elderly .....	623312	297.4	294.7	304.2	309.7	--	263.3	262.2	268.4	274.3	--
Other residential care facilities .....	6239	165.2	165.1	164.3	164.1	--	143.7	144.4	139.8	138.8	--
Social assistance .....	624	2,003.5	2,020.2	2,031.4	2,044.8	2,040.8	1,734.3	1,747.2	1,754.2	1,764.6	--
Individual and family services .....	6241	767.4	767.8	789.6	793.5	--	662.6	662.8	680.3	685.1	--
Child and youth services .....	62411	146.1	146.6	150.3	149.1	--	118.5	118.2	122.6	121.8	--
Services for the elderly and disabled .....	62412	335.8	334.5	344.5	347.5	--	301.9	302.0	308.5	311.4	--
Other individual and family services .....	62419	285.5	286.7	294.8	296.9	--	242.2	242.6	249.2	251.9	--
Emergency and other relief services .....	6242	125.6	127.1	124.6	125.4	--	100.7	102.0	97.9	98.1	--
Community food services .....	62421	28.3	28.6	28.6	28.7	--	23.4	23.3	24.1	24.3	--
Community housing, emergency, and relief services .....	62422,3	97.3	98.5	96.0	96.7	--	77.3	78.7	73.8	73.8	--
Vocational rehabilitation services .....	6243	376.3	376.0	378.0	380.6	--	328.6	329.6	326.4	327.9	--
Child day care services .....	6244	734.2	749.3	739.2	745.3	742.8	642.4	652.8	649.6	653.5	--
<b>Leisure and hospitality</b>											
Arts, entertainment, and recreation .....	71	11,969	11,819	11,716	11,928	12,239	10,561	10,456	10,251	10,433	10,742
Performing arts and spectator sports .....	711	357.9	360.1	340.4	359.0	364.9	294.2	300.2	277.5	295.3	--
Performing arts companies .....	7111	118.4	119.7	110.7	113.8	--	101.5	106.2	91.8	95.3	--
Musical groups and artists .....	71113	41.0	43.8	28.6	32.0	--	35.4	40.4	22.9	26.4	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 P	May 2003 P	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 P	May 2003 P
<b>Leisure and hospitality-Continued</b>											
Theater, dance, and other performing arts companies.....	71111,12,19	77.4	75.9	82.1	81.8	--	66.2	65.8	68.9	68.9	--
Spectator sports .....	7112	117.9	119.4	108.4	124.6	--	101.8	102.8	95.3	110.8	--
Sports teams and clubs .....	711211	49.9	53.2	41.7	51.9	--	--	--	--	--	--
Racetracks .....	711212	45.6	43.7	45.2	51.1	--	40.7	39.2	40.7	46.3	--
Other spectator sports .....	711219	22.5	22.5	21.5	21.6	--	--	--	--	--	--
Arts and sports promoters and agents and managers for public figures .....	7113,4	81.4	81.0	80.5	79.9	--	61.2	61.2	61.6	60.2	--
Independent artists, writers, and performers .....	7115	40.2	40.0	40.8	40.7	--	29.7	30.0	28.8	29.0	--
Museums, historical sites, zoos, and parks .....	712	112.5	112.1	104.5	106.4	111.2	88.5	87.8	79.7	81.5	--
Museums .....	71211	69.0	68.2	66.2	67.5	--	54.2	53.8	50.7	52.0	--
Historical sites .....	71212	12.0	12.4	9.9	10.3	--	--	--	--	--	--
Zoos, botanical gardens, nature parks, and similar institutions .....	71213,9	31.6	31.5	28.4	28.6	--	24.9	24.6	21.6	21.5	--
Amusements, gambling, and recreation .....	713	1,307.6	1,257.3	1,206.1	1,248.0	1,350.0	1,140.8	1,090.8	1,029.9	1,065.9	--
Amusement parks and arcades .....	7131	153.9	148.7	133.2	147.0	--	142.0	136.4	118.2	130.4	--
Amusement and theme parks .....	71311	134.4	129.8	115.6	127.8	--	125.4	120.7	104.5	115.0	--
Amusement arcades .....	71312	19.6	18.9	17.6	19.2	--	--	--	--	--	--
Gambling industries .....	7132	136.5	135.6	133.6	133.5	--	121.1	119.2	117.5	116.3	--
Casinos, except casino hotels .....	71321	107.8	107.1	105.7	105.3	--	96.7	94.8	94.1	93.2	--
Other gambling industries .....	71329	28.7	28.5	27.9	28.2	--	24.4	24.4	23.4	23.1	--
Other amusement and recreation industries .....	7139	1,017.2	973.0	939.3	967.5	--	877.7	835.2	794.2	819.2	--
Golf courses and country clubs .....	71391	289.7	274.8	218.1	267.8	--	244.4	229.5	169.5	214.1	--
Skiing facilities .....	71392	37.6	38.0	89.6	38.4	--	31.5	31.1	81.6	32.6	--
Marinas .....	71393	28.8	27.7	25.6	27.1	--	23.5	22.6	20.3	21.8	--
Fitness and recreational sports centers .....	71394	467.7	439.7	429.8	448.6	--	412.3	385.1	376.1	394.9	--
Bowling centers .....	71395	77.9	83.6	83.1	81.2	--	67.8	73.6	71.4	70.4	--
All other amusement and recreation industries .....	71399	115.4	109.2	93.1	104.4	--	98.2	93.3	75.3	85.4	--
Accommodations and food services .....	72	10,191.2	10,089.2	10,065.3	10,214.6	10,412.9	9,037.6	8,977.0	8,863.8	8,990.3	--
Accommodations .....	721	1,779.4	1,737.7	1,727.6	1,728.3	1,780.3	1,541.8	1,501.2	1,484.4	1,480.1	--
Traveler accommodations and other longer-term accommodations .....	7211,3	1,738.0	1,702.2	1,694.0	1,688.9	--	1,508.0	1,471.7	1,459.6	1,450.2	--
Hotels and motels, except casino hotels .....	72111	1,422.7	1,388.5	1,378.6	1,370.8	--	1,233.2	1,196.8	1,185.8	1,173.2	--
Casino hotels .....	72112	277.6	277.2	280.8	282.2	--	--	--	--	--	--
Miscellaneous traveler accommodations .....	72119,31	37.6	36.5	34.6	35.9	--	31.3	30.6	28.7	30.0	--
Bed-and-breakfast inns .....	721191	15.5	14.9	12.9	13.3	--	--	--	--	--	--
All other traveler accommodations and rooming and boarding houses .....	721199,310	22.2	21.6	21.7	22.6	--	--	--	--	--	--
RV parks and recreational camps .....	7212	41.5	35.5	33.6	39.4	--	33.8	29.5	24.8	29.9	--
RV parks and campgrounds .....	721211	21.1	19.3	14.9	19.8	--	17.6	16.7	11.1	15.7	--
Recreational and vacation camps .....	721214	20.4	16.2	18.7	19.6	--	16.2	12.8	13.7	14.2	--
Food services and drinking places .....	722	8,411.7	8,351.5	8,337.7	8,486.3	8,632.6	7,495.7	7,475.8	7,379.4	7,510.2	--
Full-service restaurants .....	7221	3,990.0	3,945.4	3,981.2	4,034.6	--	3,603.7	3,582.9	3,580.5	3,632.2	--
Limited-service eating places .....	7222	3,528.1	3,519.4	3,489.9	3,563.9	--	3,114.2	3,116.4	3,055.3	3,117.2	--
Limited-service restaurants .....	722211	3,086.5	3,072.9	3,073.7	3,128.4	--	2,718.0	2,714.3	2,685.4	2,731.6	--
Cafeterias .....	722212	133.5	137.4	130.1	131.7	--	123.8	127.8	120.1	122.2	--
Snack and nonalcoholic beverage bars .....	722213	308.1	309.1	286.1	303.8	--	272.3	274.3	249.8	263.4	--
Special food services .....	7223	507.0	500.6	479.0	493.0	--	445.4	443.7	412.0	424.4	--
Food service contractors .....	72231	357.1	358.1	338.9	351.8	--	317.4	320.7	295.4	306.0	--
Caterers and mobile food services .....	72232,3	149.8	142.5	140.1	141.2	--	127.9	123.0	116.6	118.4	--
Drinking places, alcoholic beverages .....	7224	386.7	386.1	387.6	394.8	--	332.5	332.8	331.6	336.4	--
Other services .....		5,348	5,354	5,308	5,315	5,329	4,429	4,451	4,377	4,380	4,383
Repair and maintenance .....	811	1,240.6	1,249.5	1,213.7	1,217.3	1,212.6	983.6	996.5	953.2	955.4	--
Automotive repair and maintenance .....	8111	896.9	906.5	886.2	887.8	--	709.3	721.7	697.5	698.5	--
Automotive mechanical and electrical repair .....	81111	412.0	414.9	397.8	399.5	--	313.7	319.8	299.0	300.1	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>p</sup>	May 2003 <sup>p</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>p</sup>	May 2003 <sup>p</sup>
<b>Other services-Continued</b>											
General automotive repair .....	811111	313.7	316.3	305.1	305.3	--	242.7	248.5	230.4	230.4	--
Automotive exhaust system repair .....	811112	21.9	21.6	20.8	21.3	--	16.7	16.7	16.1	16.5	--
Automotive transmission repair .....	811113	29.0	28.8	26.7	27.9	--	--	--	--	--	--
Other automotive mechanical and elec. repair .....	811118	47.5	48.2	45.2	45.0	--	33.7	33.9	32.3	32.2	--
Automotive body, interior, and glass repair .....	81112	263.9	265.9	259.8	260.1	--	206.9	208.2	204.2	203.9	--
Automotive body and interior repair ...	811121	227.6	228.6	226.1	226.2	--	176.9	177.8	177.7	177.5	--
Automotive glass replacement shops .....	811122	36.3	37.3	33.7	33.9	--	30.0	30.4	26.5	26.4	--
Other automotive repair and maintenance .....	81119	221.0	225.7	228.6	228.2	--	188.7	193.7	194.3	194.5	--
Car washes .....	811192	142.7	145.8	150.4	148.6	--	124.6	127.7	130.4	128.4	--
Auto oil change shops and all other auto repair and maintenance .....	811191,8	78.4	79.9	78.2	79.6	--	64.1	66.0	63.9	66.1	--
Electronic equipment repair and maintenance .....	8112	105.3	107.0	97.9	99.3	--	83.8	85.3	75.8	76.9	--
Computer and office machine repair ..	811212	46.6	47.0	42.6	42.1	--	37.9	37.6	33.5	32.7	--
Miscellaneous electronic equipment repair and maintenance .....	811211,3,9	58.7	60.0	55.3	57.2	--	45.9	47.7	42.3	44.2	--
Commercial machinery repair and maintenance .....	8113	156.1	155.0	150.7	151.6	--	122.6	121.5	118.8	119.2	--
Household goods repair and maintenance .....	8114	82.4	81.0	78.9	78.6	--	67.9	68.0	61.1	60.8	--
Personal and laundry services .....	812	1,246.7	1,254.6	1,220.3	1,227.8	1,235.4	1,061.9	1,072.5	1,032.2	1,037.0	--
Personal care services .....	8121	523.0	527.9	524.0	526.2	--	456.6	462.7	458.2	458.8	--
Hair, nail, and skin care services .....	81211	439.0	441.0	432.2	434.2	--	388.4	392.7	381.0	381.4	--
Barber shops and beauty salons .....	812111,2	415.5	417.3	411.3	412.4	--	367.6	371.9	362.4	362.6	--
Nail salons .....	812113	23.5	23.7	20.9	21.8	--	--	--	--	--	--
Other personal care services .....	81219	84.0	86.9	91.8	92.0	--	68.3	70.0	77.2	77.4	--
Death care services .....	8122	138.6	141.2	132.3	135.9	--	106.5	108.8	101.1	104.2	--
Funeral homes and funeral services .....	81221	101.8	103.9	100.3	101.4	--	78.1	80.2	76.4	77.4	--
Cemeteries and crematories .....	81222	36.8	37.3	32.0	34.5	--	28.4	28.6	24.7	26.8	--
Dry-cleaning and laundry services .....	8123	366.1	366.7	352.8	352.2	--	315.8	316.8	299.6	298.6	--
Coin-operated laundries and dry cleaners .....	81231	40.2	40.6	39.0	39.4	--	34.1	34.1	32.3	32.9	--
Dry-cleaning and laundry services, except coin-operated .....	81232	197.4	197.6	189.6	189.3	--	170.4	171.5	161.5	161.0	--
Linen and uniform supply .....	81233	128.6	128.5	124.2	123.5	--	111.3	111.2	105.8	104.7	--
Linen supply .....	812331	73.3	73.2	71.5	71.6	--	65.4	65.2	63.5	63.3	--
Industrial launderers .....	812332	55.3	55.3	52.7	51.9	--	45.9	46.0	42.3	41.4	--
Other personal services .....	8129	219.0	218.8	211.2	213.5	--	183.0	184.2	173.3	175.4	--
Pet care services, except veterinary .....	81291	35.0	33.9	32.6	33.1	--	--	--	--	--	--
Photofinishing .....	81292	54.6	53.0	50.3	50.6	--	45.3	44.0	41.0	41.2	--
Parking lots and garages .....	81293	95.1	97.2	95.4	96.7	--	84.4	87.4	82.4	83.8	--
All other personal services .....	81299	34.3	34.7	32.9	33.1	--	27.9	28.2	25.3	25.4	--
Membership associations and organizations .....	813	2,860.7	2,850.1	2,873.9	2,870.3	2,881.0	2,383.2	2,381.8	2,391.2	2,387.9	--
Grantmaking and giving services .....	8132	128.9	128.3	129.6	130.0	--	97.6	96.8	96.9	96.6	--
Grantmaking foundations .....	813211	48.7	48.3	49.5	49.6	--	36.6	36.1	36.7	36.3	--
Voluntary health organizations .....	813212	37.5	37.3	39.2	39.3	--	--	--	--	--	--
Other grantmaking and giving services .....	813219	42.7	42.7	40.9	41.1	--	29.5	29.1	27.9	28.1	--
Social advocacy organizations .....	8133	171.9	171.3	179.3	180.5	--	138.5	138.8	143.3	143.5	--
Human rights organizations .....	813311	42.5	42.8	42.2	42.0	--	33.6	33.9	32.7	32.5	--
Environment, conservation, and other social advocacy organizations...	813312,9	129.4	128.5	137.1	138.5	--	104.9	104.9	110.6	111.0	--
Civic and social organizations .....	8134	413.7	409.0	416.4	416.4	--	347.8	345.2	351.6	351.8	--
Professional and similar organizations .....	8139	502.8	495.7	502.8	497.6	--	366.0	365.6	364.0	360.6	--
Business associations .....	81391	126.0	123.9	127.4	126.9	--	83.6	82.8	85.1	85.0	--
Professional organizations .....	81392	72.2	72.1	73.2	72.6	--	45.7	44.9	48.7	48.7	--
Labor unions and similar labor organizations .....	81393	142.1	141.0	145.4	141.6	--	102.5	104.7	102.0	97.8	--
Miscellaneous professional and similar organizations .....	81394,9	162.5	158.7	156.8	156.5	--	134.2	133.2	128.2	129.1	--

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	2002 NAICS code	All employees					Production workers <sup>1</sup>				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Government .....</b>		21,489	21,840	21,941	21,937	21,928	--	--	--	--	--
Federal .....		2,767	2,745	2,778	2,780	2,785	--	--	--	--	--
Federal, except U.S. Postal Service .....		1,922.5	1,897.0	1,956.9	1,959.2	1,966.2	--	--	--	--	--
Federal hospitals .....		227.8	227.4	232.1	232.1	--	--	--	--	--	--
Department of Defense .....		499.7	496.0	496.8	492.1	--	--	--	--	--	--
Other Federal government .....		1,170.7	1,149.5	1,205.1	1,212.0	--	--	--	--	--	--
U.S. Postal Service <sup>3</sup> .....		844.8	847.8	820.7	820.7	818.6	--	--	--	--	--
State government .....		5,006	5,149	5,090	5,089	5,004	--	--	--	--	--
State government education .....		2,218.8	2,360.9	2,328.1	2,330.0	2,246.1	--	--	--	--	--
State government, excluding education .....		2,787.4	2,787.9	2,762.3	2,758.9	2,758.2	--	--	--	--	--
State hospitals .....		350.9	347.5	352.6	352.0	--	--	--	--	--	--
State government general administration .....		1,892.3	1,895.8	1,870.3	1,867.5	--	--	--	--	--	--
Other State government .....		544.2	544.6	539.4	539.4	--	--	--	--	--	--
Local government .....		13,716	13,946	14,073	14,068	14,139	--	--	--	--	--
Local government education .....		7,657.2	7,963.4	8,064.0	8,043.2	8,051.6	--	--	--	--	--
Local government, excluding education .....		6,058.5	5,982.5	6,008.7	6,024.8	6,087.0	--	--	--	--	--
Local government utilities .....		231.5	229.8	230.9	231.0	--	--	--	--	--	--
Local government transportation .....		244.7	245.4	243.5	243.3	--	--	--	--	--	--
Local hospitals .....		643.7	637.7	654.4	654.5	--	--	--	--	--	--
Local government general administration .....		3,980.8	3,918.5	3,930.4	3,941.3	--	--	--	--	--	--
Other local government .....		957.9	951.1	949.5	954.7	--	--	--	--	--	--

<sup>1</sup> Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

<sup>2</sup> Excludes nonoffice commissioned real estate sales agents.

<sup>3</sup> Includes rural mail carriers.

-- Data not available.

P = preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North

American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES  
NOT SEASONALLY ADJUSTED**

**B-13. Women employees on nonfarm payrolls by major industry sector and selected industry detail**

(In thousands)

Industry	Avg. 2002	Apr. 2002	Feb. 2003	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Total nonfarm</b> .....	63,356	63,521	63,064	63,226	63,415
<b>Total private</b> .....	51,042	50,916	50,489	50,602	50,793
<b>Goods-producing</b> .....	5,502	5,512	5,289	5,290	5,270
<b>Natural resources and mining<sup>1</sup></b> .....	85	85	81	80	79
Mining .....	78.7	78.6	74.6	74.3	73.4
<b>Construction</b> .....	829	819	808	811	822
<b>Manufacturing</b> .....	4,587	4,608	4,400	4,399	4,369
Durable goods .....	2,492	2,521	2,384	2,388	2,371
Nondurable goods .....	2,096	2,087	2,016	2,011	1,998
<b>Service-providing</b> .....	57,854	58,009	57,775	57,936	58,145
<b>Private service-providing</b> .....	45,540	45,404	45,200	45,312	45,523
<b>Trade, transportation, and utilities</b> .....	10,465	10,357	10,219	10,191	10,199
Wholesale trade .....	1,713.2	1,714.6	1,686.9	1,689.8	1,683.1
Retail trade .....	7,460.3	7,351.9	7,257.2	7,229.6	7,248.9
Transportation and warehousing .....	1,140.8	1,141.6	1,124.1	1,120.4	1,114.9
Utilities .....	151.0	149.3	150.5	151.0	152.1
<b>Information</b> .....	1,565	1,584	1,487	1,485	1,482
<b>Financial activities</b> .....	4,750	4,732	4,779	4,794	4,805
Finance and insurance .....	3,833.9	3,824.3	3,867.3	3,875.1	3,876.4
Real estate and rental and leasing .....	916.1	907.9	911.5	918.4	928.9
<b>Professional and business services</b> .....	7,338	7,385	7,298	7,294	7,316
Professional and technical services .....	3,187.6	3,224.9	3,329.0	3,306.0	3,296.0
Management of companies and enterprises .....	874.1	875.7	843.4	846.6	850.0
Administrative and waste services .....	3,276.2	3,284.8	3,125.5	3,141.4	3,170.2
<b>Education and health services</b> .....	12,459	12,490	12,690	12,737	12,786
Educational services .....	1,582.3	1,661.0	1,674.6	1,688.1	1,705.3
Health care and social assistance .....	10,876.4	10,829.1	11,015.3	11,048.8	11,080.8
<b>Leisure and hospitality</b> .....	6,206	6,106	5,973	6,059	6,174
Arts, entertainment, and recreation .....	800.0	775.0	734.2	749.2	766.8
Accommodations and food services .....	5,406.1	5,330.8	5,238.3	5,310.0	5,407.1
<b>Other services</b> .....	2,756	2,750	2,754	2,752	2,761
<b>Government</b> .....	12,315	12,605	12,575	12,624	12,622
Federal .....	1,155	1,148	1,173	1,185	1,188
State government .....	2,609	2,690	2,640	2,648	2,652
Local government .....	8,551	8,767	8,762	8,791	8,782

<sup>1</sup> Includes other industries, not shown separately.

<sup>P</sup> = preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures,

NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

**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			Natural resources and mining			Construction		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Alabama</b> .....	1,891.0	1,875.6	1,873.6	13.3	13.1	13.2	99.0	98.0	99.4
Birmingham .....	480.7	476.8	475.8	(1)	(1)	(1)	32.6	29.7	31.0
Huntsville .....	185.8	181.8	181.3	(1)	(1)	(1)	7.3	6.9	7.0
Mobile .....	226.5	223.7	224.6	(1)	(1)	(1)	15.8	16.5	16.4
Montgomery .....	163.6	162.8	162.4	(1)	(1)	(1)	8.9	9.0	9.0
Tuscaloosa .....	83.6	83.7	83.0	(1)	(1)	(1)	8.7	9.3	9.5
<b>Alaska</b> .....	286.4	286.6	289.4	11.1	10.1	10.1	13.4	13.1	13.6
Anchorage .....	137.8	139.3	140.4	2.8	2.5	2.6	7.0	6.9	7.0
<b>Arizona</b> .....	2,279.7	2,286.7	2,291.6	9.0	8.4	8.5	170.1	172.7	174.4
Phoenix-Mesa .....	1,601.5	1,606.6	1,609.7	2.4	2.3	2.3	124.1	124.6	126.0
Tucson .....	349.8	349.5	351.0	1.6	1.4	1.4	21.9	22.9	22.9
<b>Arkansas</b> .....	1,148.6	1,146.9	1,151.3	6.6	6.6	6.6	54.0	52.5	53.2
Fayetteville-Springdale-Rogers .....	168.0	170.5	171.5	(1)	(1)	(1)	7.9	7.6	7.7
Fort Smith .....	99.9	100.6	100.7	.9	.8	.8	4.4	4.5	4.5
Little Rock-North Little Rock .....	317.0	315.0	315.7	(1)	(1)	(1)	17.8	16.7	16.9
Pine Bluff .....	36.0	35.6	35.6	(1)	(1)	(1)	1.2	.9	.9
<b>California</b> .....	14,479.8	14,451.1	14,462.0	22.1	21.7	21.3	757.3	765.5	773.0
Bakersfield .....	205.9	205.9	206.0	7.7	7.9	7.8	13.4	13.4	13.3
Fresno .....	309.1	313.6	315.3	.4	.3	.3	18.4	18.5	18.8
Los Angeles-Long Beach .....	4,047.2	4,018.2	4,021.7	3.5	3.5	3.4	133.4	132.4	132.6
Modesto .....	148.0	151.4	152.1	(1)	(1)	(1)	10.4	10.3	10.6
Oakland .....	1,038.9	1,042.3	1,044.0	1.3	1.3	1.2	64.8	64.1	64.7
Orange County .....	1,401.0	1,399.3	1,399.4	.5	.5	.5	77.4	77.9	77.8
Riverside-San Bernardino .....	1,062.3	1,066.8	1,072.4	1.2	1.1	1.1	88.2	92.4	94.0
Sacramento .....	740.8	744.7	746.8	.5	.6	.6	54.5	55.5	57.0
Salinas .....	132.1	131.1	131.2	.2	.2	.2	6.5	6.6	6.5
San Diego .....	1,233.6	1,231.9	1,232.3	.4	.3	.3	75.6	76.7	78.0
San Francisco .....	992.0	969.3	970.5	(1)	(1)	(1)	45.0	43.1	43.0
San Jose .....	917.5	873.6	872.7	.3	.2	.2	41.6	38.7	39.3
Santa Barbara-Santa Maria-Lompoc .....	166.4	164.8	164.9	.9	.8	.8	7.9	7.9	8.0
Santa Rosa .....	186.7	184.6	184.4	.3	.3	.3	12.9	13.0	13.1
Stockton-Lodi .....	190.6	195.5	195.4	.2	.2	.2	12.9	13.3	13.5
Vallejo-Fairfield-Napa .....	180.5	182.8	183.2	.3	.3	.3	14.5	16.4	16.2
Ventura .....	280.5	275.3	275.8	.8	.7	.7	15.2	13.9	13.8
<b>Colorado</b> .....	2,179.4	2,156.6	2,161.6	12.8	13.4	13.4	158.8	148.2	152.3
Boulder-Longmont <sup>2</sup> .....	184.6	158.5	158.7	(1)	(1)	(1)	8.0	6.5	6.7
Colorado Springs .....	238.7	236.9	235.8	(1)	(1)	(1)	14.9	14.5	14.2
Denver <sup>2</sup> .....	1,144.6	1,144.2	1,151.9	5.0	4.6	4.6	86.4	82.6	84.0
<b>Connecticut</b> .....	1,670.6	1,641.3	1,651.7	.7	.6	.7	63.5	56.1	59.5
Bridgeport .....	186.4	185.0	186.6	(1)	(1)	(1)	7.0	6.4	6.5
Danbury .....	89.2	90.2	91.0	(1)	(1)	(1)	4.1	4.0	4.2
Hartford .....	609.1	601.9	603.7	(1)	(1)	(1)	22.3	20.3	21.7
New Haven-Meriden .....	261.4	258.3	261.2	(1)	(1)	(1)	10.4	9.7	10.6
New London-Norwich .....	143.9	143.7	144.5	(1)	(1)	(1)	4.7	4.2	4.2
Stamford-Norwalk .....	199.8	195.7	195.5	(1)	(1)	(1)	6.2	5.7	6.0
Waterbury .....	83.6	83.2	83.7	(1)	(1)	(1)	3.7	3.4	3.6
<b>Delaware</b> .....	410.5	404.0	408.1	(1)	(1)	(1)	24.0	22.3	23.5
Dover .....	56.4	54.7	54.9	(1)	(1)	(1)	2.8	2.8	2.9
Wilmington-Newark .....	318.6	309.8	313.4	(1)	(1)	(1)	18.4	15.7	16.6
<b>District of Columbia</b> .....	663.3	663.7	667.1	(1)	(1)	(1)	11.5	11.6	11.8
Washington PMSA .....	2,788.3	2,806.0	2,815.4	(1)	(1)	(1)	165.5	161.9	164.1
<b>Florida</b> .....	7,216.2	7,299.0	7,308.1	(1)	(1)	(1)	429.8	436.4	437.3
Daytona Beach .....	168.3	169.9	169.7	(1)	(1)	(1)	10.1	10.0	10.0
Fort Lauderdale .....	704.9	717.3	718.9	(1)	(1)	(1)	43.4	42.7	42.9
Fort Myers-Cape Coral .....	186.1	189.3	189.6	(1)	(1)	(1)	21.6	21.6	22.0
Gainesville .....	124.3	123.5	123.1	(1)	(1)	(1)	4.8	5.2	5.2
Jacksonville .....	560.9	563.7	567.1	(1)	(1)	(1)	33.1	33.6	33.4
Lakeland-Winter Haven .....	189.3	189.3	189.7	(1)	(1)	(1)	12.8	13.0	12.7
Melbourne-Titusville-Palm Bay .....	190.3	189.5	190.2	(1)	(1)	(1)	12.0	10.9	11.4
Miami .....	1,016.0	1,027.3	1,026.9	(1)	(1)	(1)	39.3	40.7	40.1
Orlando .....	907.4	918.4	920.7	(1)	(1)	(1)	55.5	56.0	56.8
Pensacola .....	155.4	155.0	154.9	(1)	(1)	(1)	11.3	11.6	11.3
Sarasota-Bradenton .....	276.6	279.1	280.7	(1)	(1)	(1)	18.4	19.9	20.2
Tallahassee .....	159.5	158.5	159.5	(1)	(1)	(1)	6.6	6.7	6.7
Tampa-St. Petersburg-Clearwater .....	1,227.1	1,236.8	1,237.1	(1)	(1)	(1)	62.7	63.9	63.8
West Palm Beach-Boca Raton .....	526.8	541.0	540.0	(1)	(1)	(1)	34.7	35.5	35.1

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	Manufacturing			Trade, transportation, and utilities			Information		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Alabama</b> .....	308.8	298.7	296.5	372.4	369.6	368.6	34.5	33.9	33.6
Birmingham .....	43.6	39.6	39.0	102.0	101.8	100.7	15.4	15.4	15.1
Huntsville .....	34.3	32.7	32.4	28.8	27.6	27.2	2.5	2.4	2.4
Mobile .....	22.7	21.2	20.8	50.0	49.8	50.2	3.3	3.3	3.2
Montgomery .....	15.8	15.6	15.8	30.6	30.5	30.0	3.1	2.8	2.8
Tuscaloosa .....	11.7	11.5	10.8	13.9	13.7	13.6	1.1	1.0	1.0
<b>Alaska</b> .....	10.0	11.5	10.0	58.6	58.1	58.4	7.1	6.8	7.0
Anchorage .....	1.8	1.9	1.8	32.0	31.9	31.7	4.6	4.5	4.6
<b>Arizona</b> .....	185.8	175.9	175.8	437.4	445.7	442.9	52.7	49.2	49.5
Phoenix-Mesa .....	140.1	130.9	130.8	321.4	325.9	324.3	40.2	36.6	37.0
Tucson .....	30.7	29.2	29.2	54.0	55.2	54.9	7.9	7.5	7.4
<b>Arkansas</b> .....	214.4	209.9	209.3	240.3	241.6	242.7	20.2	19.8	19.8
Fayetteville-Springdale-Rogers .....	30.7	30.4	30.3	41.1	42.9	43.0	2.3	2.2	2.2
Fort Smith .....	25.7	25.9	25.9	18.9	19.5	19.4	1.8	1.7	1.7
Little Rock-North Little Rock .....	26.8	25.9	25.8	68.1	66.3	66.5	9.1	8.9	9.0
Pine Bluff .....	7.1	6.9	7.0	6.7	6.7	6.7	2	2	2
<b>California</b> .....	1,653.1	1,590.2	1,585.0	2,696.1	2,704.4	2,701.7	506.5	472.6	472.4
Bakersfield .....	10.9	10.6	10.6	38.5	39.4	39.4	2.6	2.4	2.4
Fresno .....	28.4	29.2	29.4	57.9	57.7	57.9	5.5	5.0	5.0
Los Angeles-Long Beach .....	542.8	519.4	517.2	777.1	780.0	781.5	211.7	198.4	199.2
Modesto .....	20.2	21.9	22.0	31.0	31.5	31.5	2.0	1.8	1.8
Oakland .....	103.1	99.5	99.4	202.1	200.5	200.1	35.3	33.7	33.0
Orange County .....	193.4	182.8	182.1	259.4	260.3	258.8	36.9	34.1	34.1
Riverside-San Bernardino .....	115.9	114.7	115.1	221.3	226.5	227.2	13.8	13.4	13.2
Sacramento .....	41.7	38.5	38.2	118.7	119.4	119.8	22.4	20.4	20.4
Salinas .....	8.3	8.2	8.2	25.4	25.2	25.3	2.3	2.5	2.5
San Diego .....	113.5	109.8	109.0	208.6	209.2	209.5	38.2	34.9	34.9
San Francisco .....	50.3	48.1	47.6	173.7	172.2	172.4	50.0	47.3	47.3
San Jose .....	206.8	189.2	187.0	134.6	129.5	129.0	34.9	31.9	31.6
Santa Barbara-Santa Maria-Lompoc .....	13.4	12.8	12.7	27.9	27.2	27.0	4.1	3.9	3.8
Santa Rosa .....	26.7	24.8	24.4	33.6	33.5	33.6	4.2	4.2	4.2
Stockton-Lodi .....	19.7	20.6	20.7	43.2	44.1	43.7	3.1	3.0	3.1
Vallejo-Fairfield-Napa .....	20.3	21.3	21.0	32.3	32.8	32.6	2.5	2.5	2.5
Ventura .....	38.4	36.7	36.6	51.3	51.9	52.8	8.3	8.3	8.3
<b>Colorado</b> .....	167.4	156.9	156.7	408.1	402.5	401.4	95.3	89.7	88.5
Boulder-Longmont <sup>2</sup> .....	26.2	21.7	21.6	28.2	23.1	23.1	13.4	10.8	10.8
Colorado Springs .....	22.4	21.6	21.3	37.3	36.6	36.4	13.1	11.7	11.7
Denver <sup>2</sup> .....	71.6	73.5	73.1	230.1	232.3	232.5	59.1	57.1	56.8
<b>Connecticut</b> .....	213.9	206.1	205.4	308.0	305.5	307.3	41.5	40.1	40.0
Bridgeport .....	30.9	29.1	29.2	36.9	37.3	37.8	4.5	5.0	5.0
Danbury .....	14.2	14.4	14.3	17.9	18.3	18.3	3.0	3.1	3.0
Hartford .....	79.0	75.2	74.6	105.9	105.4	105.8	12.1	10.9	11.0
New Haven-Meriden .....	32.6	32.7	32.4	46.7	46.1	46.5	9.6	9.9	9.8
New London-Norwich .....	20.0	19.8	19.6	23.7	23.7	23.9	2.5	2.4	2.4
Stamford-Norwalk .....	12.5	11.8	11.8	35.5	33.6	33.5	7.1	6.6	6.6
Waterbury .....	13.8	12.8	12.8	15.2	15.5	15.4	1.4	1.4	1.4
<b>Delaware</b> .....	35.7	33.5	33.4	75.3	76.2	76.7	7.7	8.0	7.9
Dover .....	5.2	4.1	4.1	9.9	9.4	9.5	6	6	6
Wilmington-Newark .....	23.0	22.1	22.1	57.7	55.1	55.7	6.8	7.1	7.1
<b>District of Columbia</b> .....	3.0	2.8	2.8	27.7	27.3	27.5	25.8	25.4	25.8
Washington PMSA .....	77.5	74.4	73.6	389.8	395.1	395.5	119.3	108.9	108.0
<b>Florida</b> .....	409.5	394.5	393.8	1,471.8	1,464.0	1,458.6	178.4	171.0	170.4
Daytona Beach .....	11.1	10.6	10.5	33.3	32.3	32.2	3.9	4.1	4.1
Fort Lauderdale .....	33.8	33.2	33.4	155.1	154.0	152.7	20.4	19.6	19.8
Fort Myers-Cape Coral .....	6.2	6.1	6.1	39.4	40.0	39.9	4.5	4.4	4.4
Gainesville .....	4.6	4.3	4.3	16.8	16.3	16.1	2.0	1.9	1.9
Jacksonville .....	34.2	33.7	33.6	122.9	119.1	120.7	13.5	13.0	12.9
Lakeland-Winter Haven .....	17.1	16.7	16.8	45.3	44.0	43.9	2.5	2.3	2.3
Melbourne-Titusville-Palm Bay .....	23.1	22.8	23.0	34.5	34.6	35.0	2.7	2.5	2.4
Miami .....	56.3	56.2	56.7	257.4	254.4	253.7	32.0	30.3	30.1
Orlando .....	45.3	42.0	41.7	173.5	173.3	172.8	24.3	23.5	23.5
Pensacola .....	7.4	7.2	7.1	28.9	28.9	28.8	4.4	4.1	4.1
Sarasota-Bradenton .....	20.0	18.6	18.6	48.0	47.6	47.1	4.3	4.2	4.1
Tallahassee .....	3.7	3.6	3.5	22.3	21.9	21.8	4.0	3.9	3.9
Tampa-St. Petersburg-Clearwater .....	75.6	74.7	73.9	225.2	223.8	222.5	35.9	34.4	34.2
West Palm Beach-Boca Raton .....	23.9	23.8	23.7	99.7	103.5	102.7	12.0	11.5	11.4

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	Financial activities			Professional and business services			Education and health services		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Alabama</b> .....	97.3	96.7	96.4	184.9	183.3	183.2	183.8	185.2	184.6
Birmingham .....	39.5	39.3	39.5	62.2	62.6	62.4	54.2	55.4	54.7
Huntsville .....	5.8	5.5	5.4	33.0	31.1	30.6	11.7	11.5	11.6
Mobile .....	12.5	12.2	12.0	25.5	25.5	26.3	25.0	24.5	24.6
Montgomery .....	10.7	10.6	10.3	16.9	16.5	17.1	17.9	17.9	17.5
Tuscaloosa .....	2.9	2.9	2.9	5.2	4.9	4.9	5.7	5.8	5.8
<b>Alaska</b> .....	13.2	13.2	13.4	22.2	22.1	22.3	30.0	30.8	31.2
Anchorage .....	8.1	8.0	8.0	15.7	16.0	16.1	15.9	16.8	17.0
<b>Arizona</b> .....	155.1	153.7	153.5	316.6	315.6	316.9	230.5	243.3	244.9
Phoenix-Mesa .....	131.1	130.0	129.8	254.7	254.9	256.1	150.7	160.0	161.1
Tucson .....	14.2	14.6	14.7	41.5	40.2	40.5	43.5	44.6	45.0
<b>Arkansas</b> .....	49.5	49.7	49.8	100.3	99.6	100.0	135.5	139.0	139.0
Fayetteville-Springdale-Rogers .....	6.4	6.7	6.8	25.8	26.0	26.3	14.6	15.2	15.3
Fort Smith .....	3.5	3.6	3.6	10.6	10.3	10.3	12.7	13.0	13.1
Little Rock-North Little Rock .....	18.9	19.5	19.5	37.7	39.0	39.3	39.2	39.8	39.7
Pine Bluff .....	1.4	1.4	1.4	2.1	2.2	2.1	5.2	5.3	5.3
<b>California</b> .....	845.2	859.5	859.9	2,116.7	2,108.9	2,107.4	1,500.7	1,532.8	1,534.2
Bakersfield .....	8.0	8.2	8.3	23.2	23.7	23.7	20.7	19.3	19.5
Fresno .....	14.9	14.8	15.1	27.4	28.1	28.6	38.5	40.2	40.3
Los Angeles-Long Beach .....	230.9	232.7	232.1	578.2	576.5	576.3	452.8	463.4	465.2
Modesto .....	5.4	5.8	5.8	15.7	16.2	16.1	18.0	18.0	18.1
Oakland .....	60.2	60.5	60.9	150.7	150.2	149.9	116.2	126.4	126.5
Orange County .....	109.3	113.2	113.7	245.7	253.3	252.9	118.5	118.9	119.3
Riverside-San Bernardino .....	39.6	40.2	40.7	104.1	105.4	106.3	111.5	113.1	113.5
Sacramento .....	50.8	53.6	53.9	87.6	88.1	88.2	71.9	74.0	74.5
Salinas .....	6.5	6.8	6.8	15.2	14.2	14.3	12.0	11.9	12.0
San Diego .....	73.9	73.7	73.8	201.2	201.1	201.2	120.4	118.1	117.7
San Francisco .....	96.3	96.1	95.8	192.1	182.1	182.2	98.2	99.9	100.0
San Jose .....	35.2	34.4	34.4	175.8	162.2	161.6	92.3	95.7	96.1
Santa Barbara-Santa Maria-Lompoc .....	8.7	9.2	9.2	21.0	20.6	20.8	19.5	19.6	19.7
Santa Rosa .....	10.4	10.4	10.5	18.9	18.7	18.3	24.0	24.5	24.5
Stockton-Lodi .....	9.1	9.2	9.2	16.9	17.6	17.4	23.1	24.5	24.5
Vallejo-Fairfield-Napa .....	7.1	7.1	7.1	17.6	17.5	17.6	22.9	23.9	24.1
Ventura .....	21.6	21.7	21.7	36.7	34.5	34.3	25.8	26.9	26.8
<b>Colorado</b> .....	147.2	152.1	152.1	293.2	275.1	281.3	207.9	211.2	212.2
Boulder-Longmont <sup>2</sup> .....	8.2	7.6	7.6	31.0	23.5	23.8	15.7	15.7	15.7
Colorado Springs .....	15.9	16.7	16.6	32.9	32.6	31.9	22.4	22.6	22.6
Denver <sup>2</sup> .....	93.0	95.9	96.4	178.1	171.1	175.0	109.6	112.8	113.3
<b>Connecticut</b> .....	141.7	141.2	141.3	203.4	197.1	199.3	260.0	263.2	265.2
Bridgeport .....	11.6	10.8	10.8	21.1	19.6	19.9	31.8	33.3	33.1
Danbury .....	4.2	4.3	4.3	11.1	10.0	10.5	12.4	12.9	13.0
Hartford .....	72.0	71.7	71.2	62.6	60.4	60.6	87.2	89.8	89.2
New Haven-Meriden .....	13.7	13.9	13.9	27.1	27.6	27.6	60.0	58.4	60.2
New London-Norwich .....	3.7	3.6	3.6	11.2	11.1	11.2	18.5	18.9	19.0
Stamford-Norwalk .....	27.3	28.2	27.9	45.1	43.6	43.4	22.3	22.2	22.4
Waterbury .....	3.7	3.8	3.8	8.3	7.8	8.1	15.0	15.2	15.1
<b>Delaware</b> .....	38.9	37.9	38.1	68.2	67.3	67.4	48.5	49.7	49.6
Dover .....	2.6	2.5	2.5	3.9	4.1	4.2	6.7	6.9	6.9
Wilmington-Newark .....	33.1	31.6	31.5	61.2	60.7	60.8	36.9	38.1	38.2
<b>District of Columbia</b> .....	30.7	30.9	30.9	139.5	138.9	140.5	92.0	92.9	93.2
Washington PMSA .....	151.0	151.9	153.1	577.4	583.6	585.5	298.7	304.8	305.1
<b>Florida</b> .....	473.2	479.7	481.3	1,226.9	1,242.5	1,251.1	852.7	875.1	877.3
Daytona Beach .....	6.9	7.1	7.2	18.6	19.2	19.2	29.0	30.1	30.0
Fort Lauderdale .....	56.4	56.3	56.8	121.7	122.7	124.0	76.7	79.5	79.0
Fort Myers-Cape Coral .....	10.5	11.5	11.3	27.6	26.0	25.9	17.1	18.5	18.6
Gainesville .....	6.7	6.9	6.9	9.7	7.6	7.7	20.2	21.3	21.0
Jacksonville .....	57.8	59.2	59.2	91.2	90.7	91.7	62.8	65.7	65.1
Lakeland-Winter Haven .....	10.8	11.2	11.3	26.5	27.0	27.7	22.6	22.5	22.7
Melbourne-Titusville-Palm Bay .....	7.5	7.7	7.7	31.3	31.4	31.1	25.1	25.1	25.2
Miami .....	67.0	66.4	66.4	155.3	160.2	161.0	124.7	128.7	128.6
Orlando .....	53.6	51.8	52.3	154.2	155.1	155.7	88.7	92.0	92.3
Pensacola .....	6.5	6.5	6.5	19.0	19.2	19.5	25.2	25.4	25.3
Sarasota-Bradenton .....	13.4	13.4	13.3	72.1	70.5	73.0	34.5	37.1	37.0
Tallahassee .....	7.0	7.0	7.0	18.5	18.1	18.7	15.7	15.9	16.1
Tampa-St. Petersburg-Clearwater .....	90.8	93.8	93.9	290.9	290.3	292.2	139.5	147.1	147.1
West Palm Beach-Boca Raton .....	39.0	39.4	39.6	99.8	103.7	104.4	71.6	72.5	72.8

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	Leisure and hospitality			Other services			Government		
	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P
<b>Alabama</b> .....	151.9	151.7	152.8	87.2	85.8	86.1	357.9	359.6	359.2
Birmingham .....	37.1	37.9	38.2	24.0	23.4	23.6	70.1	71.7	71.6
Huntsville .....	14.7	15.3	15.4	7.3	7.0	7.1	40.4	41.8	42.2
Mobile .....	23.0	21.7	22.1	13.2	13.0	13.1	35.5	36.0	35.9
Montgomery .....	13.4	13.5	13.5	8.2	8.0	8.0	38.1	38.4	38.4
Tuscaloosa .....	7.6	7.7	7.8	3.9	3.7	3.7	22.9	23.2	23.0
<b>Alaska</b> .....	26.8	25.7	27.5	12.1	12.2	12.3	81.9	83.0	83.6
Anchorage .....	14.1	14.0	14.6	5.7	6.0	6.0	30.1	30.8	31.0
<b>Arizona</b> .....	236.6	235.8	237.5	86.8	87.6	88.0	399.1	398.8	399.7
Phoenix-Mesa .....	158.3	159.5	160.1	61.3	62.7	63.0	217.2	219.2	219.2
Tucson .....	39.3	38.8	39.4	14.6	14.7	14.9	80.6	80.4	80.7
<b>Arkansas</b> .....	87.9	87.1	90.1	40.8	40.5	40.6	199.1	200.6	200.2
Fayetteville-Springdale-Rogers .....	13.0	12.9	13.2	4.7	4.7	4.7	21.5	21.9	22.0
Fort Smith .....	7.3	6.9	7.1	2.9	2.9	2.8	11.2	11.5	11.5
Little Rock-North Little Rock .....	24.3	23.8	24.2	12.0	12.0	12.0	63.1	63.1	62.8
Pine Bluff .....	2.2	2.1	2.1	1.4	1.4	1.4	8.5	8.5	8.5
<b>California</b> .....	1,384.4	1,388.4	1,397.1	506.8	502.0	502.2	2,490.9	2,505.1	2,507.8
Bakersfield .....	17.6	17.0	16.9	6.8	7.0	7.0	56.5	57.0	57.1
Fresno .....	26.2	27.4	27.0	12.4	13.0	13.0	79.1	79.4	79.9
Los Angeles-Long Beach .....	355.1	352.5	357.9	145.6	144.9	144.5	616.1	614.5	611.8
Modesto .....	13.7	13.7	13.9	6.1	6.6	6.6	25.5	25.6	25.7
Oakland .....	79.8	80.1	80.9	37.5	38.1	38.2	187.9	187.9	189.2
Orange County .....	155.8	154.2	156.3	45.3	46.2	46.0	158.8	157.9	157.9
Riverside-San Bernardino .....	109.4	105.9	106.8	38.6	39.0	39.4	218.7	215.1	215.1
Sacramento .....	69.2	70.3	69.5	26.0	26.2	26.2	197.5	198.1	198.5
Salinas .....	19.9	19.3	19.2	4.4	4.6	4.5	31.4	31.6	31.7
San Diego .....	132.5	133.6	133.8	45.9	49.5	49.4	223.4	225.0	224.7
San Francisco .....	112.4	107.9	108.9	39.2	38.8	38.9	134.8	133.8	134.4
San Jose .....	70.5	67.3	68.6	26.0	25.6	25.2	99.5	98.9	99.7
Santa Barbara-Santa Maria-Lompoc .....	20.7	20.5	20.8	6.1	6.0	6.0	36.2	36.3	36.1
Santa Rosa .....	19.2	20.2	20.4	6.7	6.7	6.7	29.8	28.3	28.4
Stockton-Lodi .....	15.5	16.0	16.2	6.3	6.6	6.6	40.6	40.4	40.3
Vallejo-Fairfield-Napa .....	20.3	19.3	19.5	5.2	5.5	5.5	37.5	36.2	36.8
Ventura .....	26.7	26.5	26.5	10.0	8.5	8.6	45.7	45.7	45.7
<b>Colorado</b> .....	245.2	254.4	251.7	85.4	83.8	83.9	358.1	369.3	368.1
Boulder-Longmont <sup>2</sup> .....	18.2	15.0	15.2	5.8	5.3	5.3	29.9	29.3	28.9
Colorado Springs .....	25.6	25.0	25.7	13.8	14.0	14.0	40.4	41.6	41.4
Denver <sup>2</sup> .....	105.0	102.8	105.8	43.9	43.9	43.6	162.8	167.6	166.8
<b>Connecticut</b> .....	120.7	117.3	121.3	62.6	62.8	62.4	254.6	251.3	249.3
Bridgeport .....	13.0	12.8	13.3	6.9	6.9	7.0	22.7	23.8	24.0
Danbury .....	6.7	6.9	7.1	3.7	3.8	3.8	11.9	12.5	12.5
Hartford .....	39.5	37.9	39.7	24.3	25.6	25.7	104.2	104.7	104.2
New Haven-Meriden .....	16.9	16.1	17.1	10.0	10.0	9.8	34.4	33.9	33.3
New London-Norwich .....	14.2	13.6	14.4	4.2	4.3	4.3	41.2	42.1	41.9
Stamford-Norwalk .....	15.5	15.0	15.2	8.9	9.0	9.0	19.4	20.0	19.7
Waterbury .....	6.1	6.4	6.6	3.3	3.4	3.4	13.1	13.5	13.5
<b>Delaware</b> .....	37.0	35.3	36.0	17.7	17.4	17.9	57.5	56.4	57.6
Dover .....	6.7	6.5	6.3	2.0	2.1	2.1	16.0	15.7	15.8
Wilmington-Newark .....	25.4	23.1	23.7	13.2	13.0	13.4	42.9	43.3	44.3
<b>District of Columbia</b> .....	48.2	48.6	49.8	56.0	55.3	55.8	228.9	230.0	229.0
Washington PMSA .....	226.7	226.8	231.6	161.2	163.8	164.4	621.2	634.8	634.5
<b>Florida</b> .....	816.5	834.2	837.3	309.3	316.5	315.7	1,048.1	1,085.1	1,085.3
Daytona Beach .....	22.4	22.4	22.4	8.2	8.5	8.6	24.8	25.6	25.5
Fort Lauderdale .....	74.0	76.8	77.2	29.3	30.6	31.0	94.1	101.9	102.1
Fort Myers-Cape Coral .....	23.9	24.3	24.3	8.2	8.7	8.7	27.1	28.2	28.4
Gainesville .....	12.7	12.3	12.3	4.3	4.5	4.5	42.5	43.2	43.2
Jacksonville .....	52.1	51.6	53.2	24.4	25.1	25.1	68.9	72.0	72.2
Lakeland-Winter Haven .....	16.3	16.8	16.6	7.3	7.5	7.5	28.1	28.3	28.2
Melbourne-Titusville-Palm Bay .....	19.2	19.0	18.8	7.4	7.6	7.6	27.5	27.9	28.0
Miami .....	92.1	93.5	93.4	40.9	40.5	40.3	151.0	156.4	156.6
Orlando .....	164.9	171.6	172.2	45.4	47.0	47.3	102.0	106.1	106.1
Pensacola .....	16.3	15.2	15.4	7.7	7.8	7.8	28.7	29.1	29.1
Sarasota-Bradenton .....	28.3	29.1	28.8	11.9	12.1	12.1	25.7	26.6	26.5
Tallahassee .....	12.7	11.8	12.2	8.1	8.3	8.3	60.9	61.3	61.3
Tampa-St. Petersburg-Clearwater .....	110.4	108.0	108.6	46.7	48.0	47.8	149.4	152.8	153.1
West Palm Beach-Boca Raton .....	62.0	64.6	64.6	23.7	24.0	23.9	60.4	62.5	61.8

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			Natural resources and mining			Construction		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Georgia</b> .....	3,904.5	3,899.0	3,902.8	12.5	11.7	11.6	199.6	201.4	203.8
Albany .....	56.0	57.3	57.5	(1)	(1)	(1)	2.9	3.1	3.1
Athens .....	73.3	73.8	74.1	(1)	(1)	(1)	3.1	3.1	3.1
Atlanta .....	2,186.7	2,180.4	2,183.1	1.9	1.7	1.7	118.8	119.2	118.8
Augusta-Aiken .....	200.7	197.6	198.2	(1)	(1)	(1)	13.2	12.2	12.1
Columbus .....	116.1	114.4	114.4	(1)	(1)	(1)	5.6	5.5	5.5
Macon .....	147.6	147.8	148.0	(1)	(1)	(1)	6.3	6.4	6.4
Savannah .....	138.8	140.4	140.4	(1)	(1)	(1)	8.5	8.4	8.5
<b>Hawaii</b> .....	547.0	566.9	564.3	(1)	(1)	(1)	25.1	27.0	27.2
Honolulu .....	404.2	420.8	418.1	(1)	(1)	(1)	17.0	18.6	18.8
<b>Idaho</b> .....	562.2	557.2	562.4	2.7	3.0	2.8	34.4	32.8	34.9
Boise City .....	226.6	224.5	226.2	(1)	(1)	(1)	15.3	14.5	15.2
<b>Illinois</b> .....	5,875.6	5,796.7	5,830.0	9.6	9.5	9.6	268.0	250.4	264.1
Bloomington-Normal .....	93.6	93.5	93.3	(1)	(1)	(1)	3.3	3.5	3.7
Champaign-Urbana .....	106.4	105.4	105.6	(1)	(1)	(1)	3.7	3.5	3.5
Chicago .....	4,114.6	4,064.9	4,088.8	1.9	1.7	1.8	190.7	179.0	187.8
Davenport-Moline-Rock Island .....	178.9	176.3	176.5	(1)	(1)	(1)	8.7	8.2	8.4
Decatur .....	54.7	53.3	53.5	(1)	(1)	(1)	3.0	2.9	3.0
Kankakee .....	43.5	43.2	43.2	(1)	(1)	(1)	1.8	1.8	1.8
Peoria-Pekin .....	170.5	167.3	167.8	(1)	(1)	(1)	8.3	8.0	8.3
Rockford .....	174.2	170.4	170.9	(1)	(1)	(1)	8.2	7.4	8.0
Springfield .....	115.0	110.4	111.0	(1)	(1)	(1)	5.3	4.8	5.3
<b>Indiana</b> .....	2,890.8	2,851.1	2,862.1	7.2	7.0	7.0	142.8	127.6	133.8
Bloomington .....	66.4	65.3	65.8	(1)	(1)	(1)	2.9	2.6	2.8
Elkhart-Goshen .....	114.6	120.9	120.9	(1)	(1)	(1)	4.3	3.9	4.2
Evansville-Henderson .....	162.9	157.5	158.7	.9	.7	.7	11.1	9.5	10.1
Fort Wayne .....	267.5	264.7	266.4	(1)	(1)	(1)	13.4	12.5	13.3
Gary .....	256.8	253.2	255.1	(1)	(1)	(1)	15.5	14.6	15.8
Indianapolis .....	876.0	854.7	857.4	.8	.7	.7	49.6	44.0	45.7
Kokomo .....	49.8	49.5	48.6	(1)	(1)	(1)	1.8	1.6	1.7
Lafayette .....	98.0	96.8	96.7	(1)	(1)	(1)	3.9	3.5	3.7
Muncie .....	56.6	56.0	56.7	(1)	(1)	(1)	2.1	1.9	2.1
South Bend .....	130.8	130.8	131.0	(1)	(1)	(1)	7.0	6.2	6.5
Terre Haute .....	66.7	65.5	65.9	(1)	(1)	(1)	3.3	2.8	3.0
<b>Iowa</b> .....	1,453.0	1,426.5	1,445.1	2.0	1.7	1.9	62.9	54.4	61.5
Cedar Rapids .....	119.8	116.5	116.9	(1)	(1)	(1)	6.9	6.1	6.4
Des Moines .....	286.4	284.2	288.2	.3	.2	.2	14.1	13.5	15.3
Dubuque .....	50.9	50.0	50.5	(1)	(1)	(1)	2.1	1.9	2.0
Iowa City .....	75.1	75.8	76.1	(1)	(1)	(1)	2.6	2.2	2.5
Sioux City .....	64.4	64.0	64.9	(1)	(1)	(1)	2.5	2.3	2.6
Waterloo-Cedar Falls .....	73.2	72.4	72.9	(1)	(1)	(1)	2.6	2.4	2.5
<b>Kansas</b> .....	1,344.1	1,330.3	1,336.2	6.6	6.4	6.5	62.3	59.8	63.0
Lawrence .....	52.0	50.7	50.6	(1)	(1)	(1)	2.5	2.4	2.5
Topeka .....	102.2	102.5	102.6	(1)	(1)	(1)	4.9	4.4	4.7
Wichita .....	284.2	278.3	278.7	1.1	1.1	1.1	14.3	13.6	13.9
<b>Kentucky</b> .....	1,789.7	1,771.5	1,777.4	20.5	19.6	19.7	82.5	78.9	81.5
Lexington .....	276.9	275.5	277.7	(1)	(1)	(1)	13.6	12.9	13.2
Louisville .....	566.0	565.6	567.0	(1)	(1)	(1)	29.5	30.3	31.1
Owensboro .....	43.8	43.9	44.0	(1)	(1)	(1)	3.2	2.9	2.9
<b>Louisiana</b> .....	1,905.0	1,894.5	1,895.2	48.2	46.1	45.4	119.8	116.3	118.6
Alexandria .....	56.3	56.2	56.2	.2	.2	.2	4.1	3.7	3.8
Baton Rouge .....	303.1	301.9	302.2	1.1	1.0	1.0	31.6	30.8	31.1
Houma .....	82.2	83.7	83.3	5.9	6.1	6.2	4.8	4.8	4.8
Lafayette .....	169.9	169.2	170.3	16.5	16.1	15.9	9.3	9.1	9.5
Lake Charles .....	86.4	84.5	85.5	.8	.7	.7	9.7	8.2	8.3
Monroe .....	75.0	73.5	73.9	.2	.2	.2	3.9	3.9	3.9
New Orleans .....	621.6	611.3	613.9	9.5	9.1	9.1	29.9	30.9	31.5
Shreveport-Bossier City .....	171.1	170.5	168.9	2.9	3.1	3.1	8.4	8.5	8.6
<b>Maine</b> .....	598.4	588.9	596.7	2.0	2.7	2.1	27.8	25.6	27.7
Lewiston-Auburn .....	46.2	45.0	45.4	(1)	(1)	(1)	2.2	1.9	2.0
Portland .....	153.7	151.1	151.9	(1)	(1)	(1)	7.4	7.6	8.0

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			Trade, transportation, and utilities			Information		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Georgia</b> .....	473.7	454.6	449.0	832.0	828.6	820.7	133.5	127.3	126.5
Albany .....	7.6	7.3	7.4	11.8	11.8	11.6	1.0	1.0	1.0
Athens .....	9.6	9.8	10.1	12.3	12.5	12.3	1.1	1.0	1.0
Atlanta .....	172.5	166.6	165.5	505.3	497.0	490.8	104.1	98.2	98.8
Augusta-Aiken .....	25.6	25.2	25.1	33.2	33.2	33.1	3.3	3.2	3.2
Columbus .....	16.7	14.5	14.3	17.3	17.7	17.9	6.5	6.2	6.2
Macon .....	15.8	15.5	15.4	26.2	25.6	25.9	2.8	2.6	2.5
Savannah .....	14.5	13.9	13.7	29.8	30.9	30.6	2.5	2.5	2.5
<b>Hawaii</b> .....	15.1	14.9	15.0	105.0	107.4	107.5	11.6	11.3	11.3
Honolulu .....	11.8	11.5	11.6	75.4	76.8	76.8	9.5	9.3	9.3
<b>Idaho</b> .....	64.2	60.8	60.8	114.6	111.9	112.6	9.2	9.0	9.0
Boise City .....	31.2	29.9	29.8	43.8	43.3	43.5	3.7	3.5	3.6
<b>Illinois</b> .....	760.2	739.6	739.0	1,187.0	1,176.4	1,183.0	147.9	144.4	145.2
Bloomington-Normal .....	7.3	7.4	7.4	13.5	13.3	13.3	8.5	8.6	8.6
Champaign-Urbana .....	9.7	9.7	9.8	16.7	16.9	16.9	3.2	3.0	3.0
Chicago .....	500.3	481.0	480.6	846.3	842.7	844.1	106.8	104.1	105.5
Davenport-Moline-Rock Island .....	24.4	24.0	23.9	39.7	39.6	39.6	3.3	3.2	3.2
Decatur .....	10.9	10.7	10.7	12.1	12.0	12.0	.9	.9	.9
Kankakee .....	6.0	5.9	5.9	10.0	9.9	9.9	.6	.7	.7
Peoria-Pekin .....	28.2	27.9	27.6	31.5	31.3	31.3	3.2	3.1	3.1
Rockford .....	41.0	40.3	40.1	32.9	32.9	32.9	2.6	2.5	2.5
Springfield .....	3.9	3.9	3.9	17.4	17.3	17.3	3.4	3.4	3.4
<b>Indiana</b> .....	586.2	581.2	577.3	576.0	571.1	572.9	42.5	41.8	41.4
Bloomington .....	7.5	7.2	7.3	9.8	9.8	9.8	1.2	1.2	1.2
Elkhart-Goshen .....	55.7	61.9	61.7	17.2	16.9	16.8	.9	.9	.9
Evansville-Henderson .....	30.1	28.2	28.4	33.2	32.8	32.0	3.0	3.0	3.0
Fort Wayne .....	60.5	58.8	58.3	54.8	55.4	55.9	4.8	4.6	4.4
Gary .....	37.9	37.7	37.6	54.7	54.8	54.8	2.8	2.7	2.7
Indianapolis .....	109.7	110.8	110.7	200.0	198.2	197.1	16.7	16.2	16.0
Kokomo .....	17.9	17.4	16.7	7.6	8.0	8.1	.4	.4	.4
Lafayette .....	20.3	20.1	19.4	14.5	14.6	14.6	1.2	1.1	1.1
Muncie .....	8.2	7.9	7.8	9.8	9.6	9.6	.5	.5	.5
South Bend .....	18.5	19.3	19.3	26.9	25.9	25.8	2.2	2.1	2.1
Terre Haute .....	10.3	10.5	10.5	14.1	14.2	14.2	.9	.8	.8
<b>Iowa</b> .....	228.5	221.8	221.0	304.2	295.8	300.6	35.6	34.5	35.0
Cedar Rapids .....	18.4	17.6	17.5	25.4	25.3	25.1	6.3	5.7	5.8
Des Moines .....	19.5	19.2	19.0	62.4	61.9	64.3	9.4	9.6	9.6
Dubuque .....	9.0	8.8	8.8	11.0	10.9	10.9	1.7	1.6	1.7
Iowa City .....	5.2	5.3	5.3	12.6	13.1	13.2	3.0	3.2	3.3
Sioux City .....	13.1	12.9	13.3	14.2	14.1	14.4	.9	.8	.8
Waterloo-Cedar Falls .....	14.4	15.0	15.0	13.6	12.9	13.0	1.0	.9	.9
<b>Kansas</b> .....	183.3	178.4	176.9	266.5	265.9	267.5	51.7	50.3	50.2
Lawrence .....	3.5	3.6	3.5	8.0	7.6	7.7	2.6	2.6	2.6
Topeka .....	6.9	6.8	6.7	19.4	18.7	18.5	4.3	3.6	3.6
Wichita .....	65.5	60.8	60.4	48.1	48.0	48.2	5.4	5.4	5.4
<b>Kentucky</b> .....	277.1	271.5	269.0	369.6	363.7	364.8	31.7	31.7	31.7
Lexington .....	42.2	41.6	41.5	49.2	47.7	48.1	6.1	6.1	6.1
Louisville .....	75.5	74.4	73.8	126.3	125.0	125.4	11.4	11.4	11.4
Owensboro .....	6.0	6.1	6.1	9.4	8.9	8.9	.6	.6	.6
<b>Louisiana</b> .....	160.8	157.2	154.2	384.1	384.3	385.2	29.0	29.5	29.6
Alexandria .....	3.4	3.2	3.2	10.7	10.7	10.8	1.0	1.0	1.0
Baton Rouge .....	21.8	21.5	21.4	60.4	59.7	59.9	4.9	5.1	5.1
Houma .....	7.3	7.3	7.3	21.0	21.6	21.2	.9	.9	.9
Lafayette .....	12.3	12.1	12.0	36.7	36.0	36.5	2.8	2.7	2.7
Lake Charles .....	9.8	9.6	9.4	16.3	16.6	16.8	1.6	1.6	1.6
Monroe .....	7.6	7.7	7.9	13.6	13.3	13.0	1.5	1.5	1.5
New Orleans .....	42.4	41.8	41.9	125.0	123.6	124.4	9.8	9.4	9.4
Shreveport-Bossier City .....	15.0	14.2	12.6	32.7	32.7	32.7	3.1	3.3	3.3
<b>Maine</b> .....	68.5	64.4	64.1	119.7	117.6	119.1	11.6	11.5	11.3
Lewiston-Auburn .....	6.6	6.3	6.3	9.6	9.1	9.2	.7	.6	.6
Portland .....	11.4	11.0	10.8	33.4	31.9	31.7	4.3	4.2	4.2

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	Financial activities			Professional and business services			Education and health services		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Georgia</b> .....	211.9	212.2	212.1	524.4	526.3	533.6	372.8	376.9	378.2
Albany .....	2.0	2.0	2.0	4.8	5.1	5.1	7.4	8.2	8.3
Athens .....	2.5	2.5	2.5	4.8	4.9	5.0	8.6	8.7	8.6
Atlanta .....	146.8	144.0	143.9	365.3	363.2	368.1	198.3	203.0	204.6
Augusta-Aiken .....	7.1	7.1	7.1	29.7	29.4	29.7	22.9	23.1	23.1
Columbus .....	7.5	8.2	8.3	13.7	14.4	14.5	11.0	10.9	11.0
Macon .....	9.0	10.2	10.1	15.4	15.0	15.0	18.8	18.6	18.6
Savannah .....	5.4	5.8	5.7	14.2	16.0	16.0	17.8	17.6	17.4
<b>Hawaii</b> .....	27.2	28.1	28.2	65.4	68.5	68.4	62.6	65.3	65.3
Honolulu .....	21.2	21.9	22.0	53.6	56.4	56.2	49.6	51.8	52.0
<b>Idaho</b> .....	25.4	25.8	25.7	68.7	68.2	69.2	59.8	61.8	62.2
Boise City .....	11.9	12.1	12.1	31.6	31.4	31.8	26.8	27.3	27.5
<b>Illinois</b> .....	398.2	400.9	400.3	782.1	778.0	776.9	711.0	719.0	719.7
Bloomington-Normal .....	12.5	12.2	12.2	10.1	9.7	9.8	9.4	9.6	9.5
Champaign-Urbana .....	4.2	4.1	4.1	7.1	6.8	6.9	11.0	10.7	10.7
Chicago .....	310.9	312.4	311.7	651.4	649.8	649.1	484.2	489.8	491.6
Davenport-Moline-Rock Island .....	8.7	8.7	8.7	20.4	19.7	19.7	21.8	22.1	22.1
Decatur .....	2.4	2.4	2.4	4.6	4.4	4.4	6.7	6.5	6.5
Kankakee .....	1.9	2.0	2.0	2.9	2.8	2.8	7.3	7.2	7.2
Peoria-Pekin .....	8.6	8.6	8.6	17.6	17.1	17.1	27.6	27.6	27.5
Rockford .....	7.9	7.9	7.9	17.3	15.9	15.9	21.6	21.7	21.6
Springfield .....	8.2	8.2	8.2	10.6	10.1	10.1	16.7	16.6	16.6
<b>Indiana</b> .....	138.9	139.5	139.1	251.3	236.2	237.6	349.3	353.4	353.1
Bloomington .....	2.3	2.4	2.4	4.8	3.9	3.9	7.2	7.5	7.5
Elkhart-Goshen .....	2.8	2.8	2.8	7.3	7.6	7.6	8.8	9.1	9.1
Evansville-Henderson .....	7.6	7.3	7.3	16.4	17.0	17.0	23.1	22.8	23.0
Fort Wayne .....	14.8	14.2	14.2	22.2	23.8	24.3	33.3	33.6	33.7
Gary .....	10.3	10.4	10.5	20.2	19.4	18.8	36.2	35.9	36.7
Indianapolis .....	62.1	61.6	61.3	111.9	100.8	101.3	97.0	96.5	96.0
Kokomo .....	1.5	1.5	1.5	3.6	3.7	3.5	3.7	3.7	3.7
Lafayette .....	4.6	4.5	4.4	5.0	4.4	4.2	9.8	9.5	9.5
Muncie .....	2.2	2.2	2.2	4.3	4.2	4.3	9.8	10.2	10.5
South Bend .....	6.9	7.1	7.3	11.2	11.2	11.2	28.5	29.3	29.3
Terre Haute .....	2.5	2.5	2.4	4.7	4.2	4.2	9.7	9.9	9.8
<b>Iowa</b> .....	93.8	92.8	93.0	105.1	104.3	106.4	190.3	195.4	195.2
Cedar Rapids .....	8.5	8.5	8.5	12.9	12.6	12.9	14.6	14.9	14.7
Des Moines .....	44.3	44.1	44.1	29.9	29.8	29.8	33.8	34.8	34.5
Dubuque .....	2.2	2.2	2.2	3.5	3.4	3.5	10.1	10.0	10.0
Iowa City .....	2.5	2.6	2.6	5.8	5.9	5.9	5.8	6.1	6.1
Sioux City .....	2.8	2.8	2.8	4.4	4.6	4.6	10.0	10.3	10.2
Waterloo-Cedar Falls .....	3.7	3.5	3.5	6.3	6.0	6.0	9.7	9.9	10.0
<b>Kansas</b> .....	68.4	69.4	69.8	129.0	124.3	125.1	157.7	159.9	159.6
Lawrence .....	1.8	1.8	1.8	3.5	3.5	3.5	5.5	5.1	5.0
Topeka .....	6.8	6.6	6.8	9.2	8.5	8.6	15.5	15.6	15.5
Wichita .....	12.6	12.7	12.7	26.9	26.3	26.2	37.4	37.0	37.1
<b>Kentucky</b> .....	84.6	85.4	85.7	152.6	151.7	152.2	220.6	228.3	228.2
Lexington .....	10.9	11.3	11.3	27.0	27.3	27.3	33.1	34.8	34.6
Louisville .....	37.3	37.8	38.0	64.2	62.5	62.5	66.3	69.5	69.5
Owensboro .....	2.1	2.1	2.1	3.0	3.3	3.4	5.1	5.2	5.2
<b>Louisiana</b> .....	100.0	99.8	99.1	184.0	176.8	176.1	235.5	239.6	240.5
Alexandria .....	2.6	2.6	2.6	3.8	3.8	3.7	10.5	10.8	10.7
Baton Rouge .....	16.4	16.1	16.3	37.3	35.6	35.5	30.2	32.0	31.9
Houma .....	5.2	5.2	5.1	6.3	6.6	6.6	7.3	7.5	7.5
Lafayette .....	9.5	10.4	10.3	16.4	15.8	15.8	21.8	22.1	22.3
Lake Charles .....	3.2	3.2	3.3	6.4	6.0	6.7	10.6	10.9	10.9
Monroe .....	5.6	5.5	5.5	9.0	7.2	7.2	11.1	11.5	11.7
New Orleans .....	35.2	35.6	35.8	75.0	72.7	72.1	83.3	79.2	79.6
Shreveport-Bossier City .....	7.8	7.3	7.2	14.7	13.4	13.7	23.4	23.4	23.2
<b>Maine</b> .....	34.6	34.5	34.6	51.6	49.9	50.8	105.6	107.3	107.7
Lewiston-Auburn .....	2.9	3.0	3.0	5.6	5.6	5.6	8.6	8.7	8.7
Portland .....	14.2	14.4	14.3	19.2	18.6	18.7	24.6	24.8	25.1

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	Leisure and hospitality			Other services			Government		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Georgia</b> .....	345.0	333.2	341.6	172.2	189.8	189.1	626.9	637.0	636.6
Albany .....	4.2	4.3	4.4	2.8	3.0	3.0	11.5	11.5	11.6
Athens .....	6.9	6.8	7.0	3.6	3.7	3.7	20.8	20.8	20.8
Atlanta .....	195.7	191.5	195.3	93.1	104.0	103.4	284.9	292.0	292.2
Augusta-Aiken .....	18.9	17.4	18.1	7.8	8.0	7.9	39.0	38.8	38.8
Columbus .....	11.2	10.6	10.3	5.4	5.5	5.5	21.2	20.9	20.9
Macon .....	13.5	13.9	14.0	5.4	5.7	5.7	34.4	34.3	34.4
Savannah .....	17.8	16.1	16.6	7.7	8.4	8.4	20.6	20.8	21.0
<b>Hawaii</b> .....	96.8	98.5	98.4	23.7	23.7	23.8	114.5	122.2	119.2
Honolulu .....	56.8	58.0	57.9	18.9	18.8	18.9	90.4	97.7	94.6
<b>Idaho</b> .....	52.1	52.8	53.9	17.8	17.1	17.2	113.3	114.0	114.1
Boise City .....	19.5	19.2	19.4	6.7	6.6	6.6	36.1	36.7	36.7
<b>Illinois</b> .....	485.9	468.8	480.3	249.9	248.1	247.4	875.8	861.6	864.5
Bloomington-Normal .....	9.2	9.3	9.3	3.5	3.5	3.5	16.3	16.4	16.0
Champaign-Urbana .....	10.3	9.6	9.8	3.1	3.2	3.2	37.4	37.9	37.7
Chicago .....	326.4	315.0	324.7	174.2	173.8	173.3	521.5	515.6	518.6
Davenport-Moline-Rock Island .....	18.4	17.6	17.8	7.1	7.0	7.0	26.4	26.2	26.1
Decatur .....	4.8	4.7	4.8	2.6	2.6	2.6	6.7	6.2	6.2
Kankakee .....	3.9	3.8	3.9	1.6	1.7	1.7	7.5	7.4	7.3
Peoria-Pekin .....	17.1	16.3	16.9	7.3	7.3	7.3	21.1	20.1	20.1
Rockford .....	13.1	12.7	13.0	9.8	9.8	9.8	19.8	19.3	19.2
Springfield .....	9.9	9.8	9.9	6.3	6.2	6.2	33.3	30.1	30.1
<b>Indiana</b> .....	266.3	252.9	261.3	107.3	107.7	108.7	423.0	432.7	429.9
Bloomington .....	7.0	6.4	6.6	2.0	2.0	2.0	21.7	22.3	22.3
Elkhart-Goshen .....	7.0	6.8	7.0	2.6	2.6	2.6	8.0	8.4	8.2
Evansville-Henderson .....	14.8	14.5	15.1	6.6	6.5	6.5	16.1	15.2	15.6
Fort Wayne .....	23.4	22.4	22.9	12.8	12.6	12.8	27.5	26.8	26.6
Gary .....	28.4	27.6	28.1	12.4	12.4	12.4	38.4	37.7	37.7
Indianapolis .....	84.3	77.6	81.0	30.9	31.6	31.6	113.0	116.7	116.0
Kokomo .....	4.4	4.2	4.3	1.6	1.5	1.5	7.3	7.5	7.2
Lafayette .....	8.6	8.3	9.0	3.1	3.1	3.1	27.0	27.7	27.7
Muncie .....	5.0	4.6	4.7	2.2	2.2	2.2	12.5	12.7	12.8
South Bend .....	10.7	9.9	10.2	4.3	4.2	4.3	14.6	15.6	15.0
Terre Haute .....	6.7	6.1	6.3	2.7	2.6	2.7	11.8	11.9	12.0
<b>Iowa</b> .....	123.9	117.9	122.5	56.9	56.9	57.1	249.8	251.0	250.9
Cedar Rapids .....	9.3	8.6	8.8	4.7	4.5	4.6	12.8	12.7	12.6
Des Moines .....	23.8	22.5	23.2	11.4	11.8	11.6	37.5	36.8	36.6
Dubuque .....	4.9	4.7	4.9	2.4	2.4	2.4	4.0	4.1	4.1
Iowa City .....	6.7	6.2	6.2	1.9	1.8	1.8	29.0	29.4	29.2
Sioux City .....	5.9	5.5	5.5	2.5	2.4	2.4	8.1	8.3	8.3
Waterloo-Cedar Falls .....	5.8	6.1	6.1	3.0	2.8	2.8	13.1	12.9	13.1
<b>Kansas</b> .....	108.9	104.1	106.8	53.1	53.3	53.2	258.6	258.5	257.6
Lawrence .....	6.5	6.2	6.2	2.6	2.9	2.9	15.5	15.0	14.9
Topeka .....	7.3	7.2	7.3	4.7	4.9	4.9	23.2	26.2	26.0
Wichita .....	24.8	24.0	24.4	10.8	10.9	10.9	37.3	38.5	38.4
<b>Kentucky</b> .....	154.3	150.1	154.6	76.1	74.5	73.8	320.1	316.1	316.2
Lexington .....	27.8	26.5	27.9	10.1	10.4	10.3	56.9	56.9	57.4
Louisville .....	53.0	52.0	52.3	30.0	30.7	30.8	72.5	72.0	72.2
Owensboro .....	3.6	3.7	3.8	2.8	2.8	2.8	8.0	8.3	8.2
<b>Louisiana</b> .....	196.2	195.1	196.2	71.1	71.0	70.8	376.3	378.8	379.5
Alexandria .....	4.5	4.5	4.6	2.0	2.0	2.0	13.5	13.7	13.6
Baton Rouge .....	26.9	26.5	26.7	11.5	11.2	11.3	61.0	62.4	62.0
Houma .....	6.3	6.2	6.2	2.8	2.8	2.8	14.4	14.7	14.7
Lafayette .....	14.9	15.4	15.6	5.5	5.4	5.4	24.2	24.1	24.3
Lake Charles .....	11.5	11.2	11.3	3.0	2.9	2.9	13.5	13.6	13.6
Monroe .....	5.9	6.1	6.1	2.9	2.7	2.8	13.7	13.9	14.1
New Orleans .....	82.3	80.8	82.1	23.8	23.0	22.8	105.4	105.2	105.2
Shreveport-Bossier City .....	22.6	22.7	22.8	8.4	8.6	8.6	32.1	33.3	33.1
<b>Maine</b> .....	51.9	48.2	51.9	19.6	19.8	20.1	105.5	107.4	107.3
Lewiston-Auburn .....	3.1	2.8	3.0	1.4	1.4	1.4	5.5	5.6	5.6
Portland .....	13.9	12.5	13.2	5.3	5.1	5.2	20.0	21.0	20.7

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			Natural resources and mining			Construction		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Maryland</b> .....	2,471.0	2,459.8	2,481.5	(1)	(1)	(1)	166.4	159.1	163.7
Baltimore PMSA .....	1,247.1	1,246.5	1,253.6	(1)	(1)	(1)	73.1	70.5	71.6
Baltimore City .....	386.8	382.9	384.7	(1)	(1)	(1)	11.8	11.6	11.9
Suburban Maryland—D.C. ....	926.8	925.4	929.5	(1)	(1)	(1)	75.5	73.6	74.5
<b>Massachusetts</b> .....	3,249.7	3,178.8	3,206.1	1.6	1.4	1.5	137.7	123.4	128.3
Barnstable—Yarmouth .....	61.6	59.9	62.0	(1)	(1)	(1)	3.9	3.8	4.0
Boston .....	1,980.6	1,930.2	1,944.6	.7	.6	.7	81.3	71.4	74.4
Brockton .....	100.5	100.1	100.9	(1)	(1)	(1)	4.9	4.4	4.7
Fitchburg—Leominster .....	51.9	52.2	52.0	(1)	(1)	(1)	2.0	1.9	2.0
Lawrence .....	158.3	154.1	154.1	(1)	(1)	(1)	6.8	6.5	6.4
Lowell .....	127.8	122.3	122.8	(1)	(1)	(1)	6.2	5.8	6.1
New Bedford .....	65.4	63.6	64.2	(1)	(1)	(1)	3.0	2.9	3.0
Pittsfield .....	42.0	41.6	42.0	(1)	(1)	(1)	2.1	1.9	2.0
Springfield .....	259.4	256.7	258.2	(1)	(1)	(1)	9.2	6.8	7.3
Worcester .....	232.3	222.8	224.0	(1)	(1)	(1)	9.0	8.0	8.4
<b>Michigan</b> .....	4,466.0	4,385.5	4,389.5	8.4	6.8	7.0	192.7	176.8	182.5
Ann Arbor .....	290.1	284.0	288.5	(1)	(1)	(1)	11.5	10.1	11.0
Benton Harbor .....	69.7	68.9	69.4	(1)	(1)	(1)	2.3	2.0	2.1
Detroit .....	2,089.7	2,042.1	2,048.2	(1)	(1)	(1)	86.5	78.6	81.9
Flint .....	165.5	158.9	159.9	(1)	(1)	(1)	7.3	6.4	7.1
Grand Rapids—Muskegon—Holland .....	572.0	564.9	566.0	.5	.5	.5	27.6	23.3	25.0
Jackson .....	63.6	62.1	62.2	(1)	(1)	(1)	2.5	2.3	2.5
Kalamazoo—Battle Creek .....	211.2	205.9	205.9	(1)	(1)	(1)	9.2	8.3	8.9
Lansing—East Lansing .....	243.4	240.4	240.9	(1)	(1)	(1)	9.4	9.7	9.9
Saginaw—Bay City—Midland .....	177.1	174.3	174.2	(1)	(1)	(1)	9.0	8.8	8.8
<b>Minnesota</b> .....	2,632.4	2,605.6	2,628.9	6.1	6.3	6.6	112.9	104.3	113.8
Duluth—Superior .....	114.5	114.6	115.0	3.2	3.2	3.2	3.6	3.4	3.6
Minneapolis—St. Paul .....	1,708.2	1,691.2	1,701.0	.6	.7	.8	75.2	66.6	72.4
Rochester .....	86.7	86.5	86.7	(1)	(1)	(1)	3.6	3.4	3.6
St. Cloud .....	95.6	93.4	93.9	(1)	(1)	(1)	4.3	4.1	4.4
<b>Mississippi</b> .....	1,127.2	1,124.2	1,130.4	8.9	9.2	9.5	53.5	52.7	53.3
Jackson .....	231.3	229.8	231.1	.8	.8	.8	11.8	10.9	11.0
<b>Missouri</b> .....	2,700.5	2,627.6	2,655.9	4.5	3.9	4.1	131.8	125.2	128.1
Kansas City .....	960.0	929.1	932.3	(1)	(1)	(1)	49.2	46.1	48.5
St. Louis .....	1,312.5	1,290.0	1,303.9	(1)	(1)	(1)	75.7	73.2	75.5
Springfield .....	167.4	167.1	169.2	(1)	(1)	(1)	7.8	7.4	7.6
<b>Montana</b> .....	390.7	386.4	392.0	5.8	6.0	5.8	19.9	18.8	20.8
Billings .....	68.7	68.6	69.5	(1)	(1)	(1)	4.0	3.7	4.1
Missoula .....	52.7	52.4	53.0	(1)	(1)	(1)	2.7	2.7	2.8
<b>Nebraska</b> .....	906.5	897.4	905.9	1.1	1.3	1.4	43.8	40.5	43.2
Lincoln .....	159.0	158.7	160.5	(1)	(1)	(1)	8.0	7.2	7.5
Omaha .....	428.2	427.0	432.3	(1)	(1)	(1)	23.3	22.3	23.8
<b>Nevada</b> .....	1,046.3	1,056.7	1,060.1	8.8	8.5	8.4	90.7	91.0	92.4
Las Vegas .....	786.8	797.3	798.7	1.3	1.3	1.3	75.2	75.7	76.3
Reno .....	195.4	195.0	196.8	.3	.4	.4	15.5	15.3	15.8
<b>New Hampshire</b> .....	612.9	608.9	610.5	.9	.9	.9	26.3	25.2	25.7
Manchester .....	107.8	107.6	108.0	(1)	(1)	(1)	5.9	6.2	6.4
Nashua .....	95.0	93.7	94.1	(1)	(1)	(1)	3.5	3.4	3.6
Portsmouth—Rochester .....	124.9	124.8	126.2	(1)	(1)	(1)	4.3	4.2	4.4
<b>New Jersey</b> .....	3,983.4	3,961.8	3,999.8	1.5	1.3	1.4	160.6	155.3	161.7
Atlantic—Cape May .....	183.0	183.1	186.5	(1)	(1)	(1)	9.6	8.8	9.3
Bergen—Passaic .....	657.7	656.0	659.2	(1)	(1)	(1)	26.5	25.4	25.9
Camden .....	510.2	512.6	518.3	(1)	(1)	(1)	23.4	23.3	23.9
Jersey City .....	257.9	255.2	257.0	(1)	(1)	(1)	6.1	6.3	6.6
Middlesex—Somerset—Hunterdon .....	657.6	652.6	657.3	(1)	(1)	(1)	25.0	24.0	25.7
Monmouth—Ocean .....	399.6	395.4	399.7	(1)	(1)	(1)	23.5	21.4	22.4
Newark .....	1,009.9	1,003.4	1,014.8	(1)	(1)	(1)	39.3	39.1	39.9
Trenton .....	225.0	220.4	223.4	(1)	(1)	(1)	5.6	5.2	5.4
Vineland—Millville—Bridgeton .....	60.4	60.0	60.7	(1)	(1)	(1)	2.2	2.2	2.3

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			Trade, transportation, and utilities			Information		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Maryland</b> .....	158.6	154.1	153.7	458.9	455.0	455.4	54.2	51.2	50.7
Baltimore PMSA .....	87.2	83.2	83.1	235.7	232.9	231.9	22.1	20.3	20.3
Baltimore City .....	23.4	22.8	22.9	46.3	43.4	43.3	7.5	7.5	7.4
Suburban Maryland-D.C. ....	38.9	38.0	37.6	163.5	163.8	164.4	28.4	26.9	26.5
<b>Massachusetts</b> .....	350.3	336.0	334.0	572.3	567.9	572.1	100.5	94.2	94.2
Barnstable-Yarmouth .....	1.8	1.9	1.8	14.1	14.1	14.3	1.5	1.5	1.4
Boston .....	168.4	160.9	159.7	329.6	327.6	328.5	70.8	66.5	66.4
Brockton .....	9.7	9.6	9.6	24.9	24.0	24.3	1.5	1.4	1.4
Fitchburg-Leominster .....	10.6	10.4	10.4	10.4	10.4	10.3	.7	.7	.7
Lawrence .....	31.1	28.9	28.6	30.4	29.7	29.9	4.2	4.0	4.0
Lowell .....	24.7	22.6	22.5	22.9	21.9	21.9	7.2	7.1	7.0
New Bedford .....	11.3	10.4	10.4	12.9	12.8	13.0	1.2	1.1	1.1
Pittsfield .....	5.9	5.6	5.6	7.5	7.8	7.8	.8	.8	.8
Springfield .....	30.9	30.1	29.8	47.8	48.8	48.9	5.0	5.0	5.1
Worcester .....	31.5	28.0	27.7	43.4	41.6	41.4	4.3	4.0	4.0
<b>Michigan</b> .....	761.6	739.0	730.8	826.0	816.6	816.7	74.9	75.2	74.1
Ann Arbor .....	42.9	40.8	40.1	42.9	43.4	43.2	5.9	5.7	5.7
Benton Harbor .....	16.2	16.6	16.4	12.9	12.4	12.7	.9	1.0	.9
Detroit .....	336.0	332.2	329.1	396.1	388.0	385.5	39.6	40.1	39.8
Flint .....	26.5	23.6	23.1	32.5	31.8	31.9	2.5	2.4	2.4
Grand Rapids-Muskegon-Holland .....	136.8	131.4	130.5	110.1	108.7	109.8	8.5	8.5	8.3
Jackson .....	10.5	10.2	10.0	13.8	13.6	13.4	.6	.6	.6
Kalamazoo-Battle Creek .....	41.4	40.5	40.4	37.2	37.7	37.4	2.4	2.4	2.3
Lansing-East Lansing .....	24.0	23.7	23.5	38.4	38.4	38.4	3.6	3.8	3.8
Saginaw-Bay City-Midland .....	25.2	24.6	24.0	33.2	31.9	32.3	3.1	3.0	3.0
<b>Minnesota</b> .....	355.6	347.3	344.5	522.1	511.3	517.5	67.7	65.0	66.7
Duluth-Superior .....	6.9	6.7	6.7	24.2	23.5	23.4	2.7	2.7	2.7
Minneapolis-St. Paul .....	211.5	204.3	203.5	334.0	330.6	331.1	50.4	48.3	48.8
Rochester .....	11.3	10.7	10.4	13.1	13.2	13.2	.9	.9	1.0
St. Cloud .....	16.5	16.3	16.1	21.7	20.6	20.7	1.7	1.8	1.8
<b>Mississippi</b> .....	190.5	182.2	182.0	219.6	223.6	224.2	16.2	16.1	16.1
Jackson .....	17.0	17.6	17.8	48.1	48.9	48.5	6.6	6.5	6.5
<b>Missouri</b> .....	325.6	313.1	311.9	534.2	528.8	530.1	70.9	67.6	67.2
Kansas City .....	82.0	78.9	77.9	202.3	201.6	201.5	52.7	51.0	49.8
St. Louis .....	152.3	148.8	149.2	252.1	254.1	254.3	30.2	27.8	28.0
Springfield .....	18.6	17.7	17.7	40.8	40.3	40.8	3.6	3.2	3.2
<b>Montana</b> .....	19.6	18.5	18.7	83.9	81.8	83.1	7.8	7.9	8.0
Billings .....	3.1	2.9	2.9	17.8	17.6	18.0	1.2	1.2	1.2
Missoula .....	2.8	2.8	2.8	11.9	11.8	11.9	1.4	1.3	1.3
<b>Nebraska</b> .....	105.7	104.3	104.8	193.7	194.4	195.4	24.7	24.3	24.2
Lincoln .....	16.8	16.0	15.7	27.4	27.3	27.2	3.4	3.5	3.7
Omaha .....	32.8	32.7	33.0	97.1	97.8	99.0	17.0	16.5	16.5
<b>Nevada</b> .....	42.4	42.3	42.4	189.1	188.9	189.1	17.1	16.0	16.1
Las Vegas .....	24.0	23.9	24.1	140.6	140.9	141.2	13.5	12.4	12.5
Reno .....	13.2	13.2	13.2	41.6	41.4	41.4	3.4	3.2	3.2
<b>New Hampshire</b> .....	86.1	81.2	82.2	135.9	135.4	135.9	13.0	12.4	12.3
Manchester .....	12.1	11.8	12.0	23.3	23.8	23.8	3.2	3.2	3.2
Nashua .....	23.0	21.7	21.8	21.1	21.1	21.2	1.9	1.7	1.7
Portsmouth-Rochester .....	13.9	13.3	13.2	25.8	26.9	27.1	3.3	3.1	3.2
<b>New Jersey</b> .....	372.0	359.3	358.0	873.1	872.9	880.3	116.8	110.2	109.7
Atlantic-Cape May .....	5.4	5.5	5.5	27.4	27.2	27.4	1.9	1.8	1.8
Bergen-Passaic .....	76.8	74.0	73.9	160.1	160.6	161.1	22.1	20.3	20.3
Camden .....	48.9	48.3	47.7	119.4	120.8	124.1	8.5	8.1	8.3
Jersey City .....	17.1	16.8	16.7	66.7	67.2	68.5	9.0	8.6	8.6
Middlesex-Somerset-Hunterdon .....	77.5	74.8	74.4	147.0	146.9	147.0	27.7	26.6	26.5
Monmouth-Ocean .....	17.3	16.3	16.6	86.4	85.3	85.3	10.8	11.0	11.0
Newark .....	105.5	101.0	101.0	216.4	216.1	218.8	27.7	26.6	26.7
Trenton .....	9.5	8.8	8.8	31.8	31.1	32.0	7.6	6.5	6.5
Vineland-Millville-Bridgeton .....	10.9	10.3	10.6	12.0	12.1	12.1	1.1	1.0	1.0

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	Financial activities			Professional and business services			Education and health services		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Maryland</b> .....	149.7	149.3	150.3	360.7	358.9	363.3	329.6	339.5	340.1
Baltimore PMSA .....	79.4	79.4	79.7	174.5	176.4	177.1	193.2	199.8	199.3
Baltimore City .....	29.0	29.0	29.1	49.5	45.5	45.6	92.5	96.8	96.6
Suburban Maryland-D.C. ....	56.1	55.0	55.5	157.0	157.7	158.6	97.3	99.2	99.6
<b>Massachusetts</b> .....	226.8	228.3	227.9	457.7	431.8	437.2	575.1	578.2	581.6
Barnstable-Yarmouth .....	3.5	3.7	3.7	5.6	5.6	5.8	10.0	10.2	10.4
Boston .....	170.0	169.6	169.2	326.4	307.4	310.5	362.8	363.4	366.2
Brockton .....	3.5	3.7	3.6	10.0	9.8	9.9	14.2	14.6	14.7
Fitchburg-Leominster .....	1.8	1.8	1.8	3.9	3.7	3.8	7.5	7.8	7.6
Lawrence .....	5.7	5.6	5.7	19.9	18.4	18.2	22.6	23.6	23.4
Lowell .....	4.3	4.4	4.3	18.1	16.3	16.4	13.0	13.1	13.2
New Bedford .....	1.9	1.9	1.9	3.6	3.7	3.7	11.9	12.0	11.9
Pittsfield .....	2.0	2.1	2.1	3.8	3.8	3.8	7.4	7.6	7.7
Springfield .....	14.3	14.0	13.9	20.5	19.2	19.7	50.9	51.5	51.6
Worcester .....	13.9	14.3	14.4	26.8	25.1	25.5	42.0	41.8	41.9
<b>Michigan</b> .....	214.9	213.9	216.6	593.6	569.2	576.9	532.3	543.9	543.8
Ann Arbor .....	11.3	10.9	11.3	36.1	33.0	35.7	29.8	31.3	31.4
Benton Harbor .....	2.3	2.3	2.3	6.1	6.2	6.4	10.6	10.7	10.8
Detroit .....	116.3	111.4	113.7	367.7	355.5	359.5	246.9	248.8	249.4
Flint .....	5.9	5.3	5.6	20.0	17.6	17.7	22.8	23.8	23.5
Grand Rapids-Muskegon-Holland .....	24.6	23.1	22.9	66.0	64.2	65.2	70.2	74.6	74.5
Jackson .....	2.6	2.5	2.6	4.6	4.6	4.7	8.4	8.7	8.8
Kalamazoo-Battle Creek .....	9.3	9.9	9.8	19.7	18.5	19.0	26.4	25.3	25.4
Lansing-East Lansing .....	14.4	15.4	15.6	22.9	21.3	20.7	23.7	25.6	25.8
Saginaw-Bay City-Midland .....	7.7	7.4	7.3	23.2	22.9	22.9	26.3	26.9	27.1
<b>Minnesota</b> .....	169.4	166.6	167.4	292.5	287.1	289.7	357.0	368.9	369.5
Duluth-Superior .....	4.7	4.6	4.6	6.6	6.9	6.9	21.6	22.3	22.2
Minneapolis-St. Paul .....	133.3	134.7	134.8	242.2	236.7	237.6	199.6	206.6	209.2
Rochester .....	2.3	2.3	2.3	4.7	4.5	4.6	32.7	33.7	33.8
St. Cloud .....	4.0	4.0	4.0	6.7	6.2	6.4	14.5	14.5	14.5
<b>Mississippi</b> .....	45.8	45.9	46.5	78.4	78.0	79.3	113.4	112.8	113.1
Jackson .....	15.6	16.4	16.3	25.2	25.8	26.3	28.0	27.0	27.1
<b>Missouri</b> .....	158.2	157.8	157.7	305.2	289.6	293.8	349.8	350.5	353.9
Kansas City .....	70.7	69.5	70.3	124.7	112.7	114.3	105.5	102.9	101.9
St. Louis .....	75.3	73.3	73.0	184.2	176.7	181.3	189.9	191.0	192.5
Springfield .....	10.0	10.6	10.7	12.8	13.4	13.4	29.0	29.3	29.6
<b>Montana</b> .....	19.2	19.6	19.6	31.9	31.4	32.4	52.2	52.4	52.8
Billings .....	3.7	3.7	3.7	8.3	8.7	8.7	10.1	10.3	10.2
Missoula .....	2.3	2.4	2.4	4.7	4.7	4.8	7.6	7.6	7.6
<b>Nebraska</b> .....	60.9	62.8	63.3	92.8	88.8	89.7	113.3	113.3	112.8
Lincoln .....	10.5	11.1	11.0	16.5	16.6	16.9	19.4	19.9	19.8
Omaha .....	36.9	37.2	37.0	60.8	59.0	59.2	53.6	55.2	55.7
<b>Nevada</b> .....	55.6	56.3	56.2	112.4	115.1	115.1	71.5	74.1	74.6
Las Vegas .....	43.1	43.6	43.6	87.6	90.5	89.8	53.2	55.4	55.6
Reno .....	10.3	10.5	10.5	20.2	19.4	19.9	18.0	18.5	18.7
<b>New Hampshire</b> .....	36.1	36.7	36.6	53.4	52.1	52.0	92.1	94.0	93.9
Manchester .....	8.5	8.4	8.3	12.6	12.1	11.9	16.4	16.4	16.4
Nashua .....	6.4	6.2	6.2	7.4	7.4	7.5	11.2	11.7	11.6
Portsmouth-Rochester .....	7.2	7.2	7.2	11.9	10.8	11.0	17.6	18.6	18.7
<b>New Jersey</b> .....	275.5	275.6	274.9	585.3	579.1	587.6	525.8	540.1	542.0
Atlantic-Cape May .....	5.7	5.7	5.7	12.2	11.0	10.9	21.0	21.5	21.4
Bergen-Passaic .....	36.4	36.8	36.6	103.0	104.5	105.3	88.5	90.9	91.2
Camden .....	32.4	33.1	32.5	62.6	63.6	63.9	71.2	73.8	74.1
Jersey City .....	40.9	38.0	38.0	30.3	29.1	29.1	28.6	30.0	30.1
Middlesex-Somerset-Hunterdon .....	42.1	41.2	41.9	135.1	133.6	135.1	59.2	60.3	59.7
Monmouth-Ocean .....	22.3	21.7	21.4	46.1	47.0	47.3	69.3	70.7	71.5
Newark .....	76.8	78.5	79.1	159.2	154.4	156.9	135.7	137.7	138.6
Trenton .....	15.9	16.8	16.8	32.6	30.0	31.0	40.7	42.9	42.8
Vineland-Millville-Bridgeton .....	2.3	2.3	2.3	3.0	3.0	3.0	8.6	9.0	9.0

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	Leisure and hospitality			Other services			Government		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Maryland</b> .....	210.2	202.7	211.4	114.0	116.6	118.1	468.7	473.4	474.8
Baltimore PMSA .....	103.8	101.6	106.9	54.6	56.9	57.4	223.5	225.5	226.3
Baltimore City .....	27.7	25.9	27.3	16.8	17.4	17.6	82.3	83.0	83.0
Suburban Maryland—D.C. ....	74.3	72.9	74.4	45.7	45.8	45.9	190.1	192.5	192.5
<b>Massachusetts</b> .....	275.6	268.0	278.8	116.5	117.7	117.8	435.6	431.9	432.7
Barnstable—Yarmouth .....	10.0	8.1	9.4	2.5	2.6	2.6	8.7	8.4	8.6
Boston .....	162.4	157.3	162.8	66.9	66.1	66.3	241.3	239.4	239.9
Brockton .....	10.1	10.9	10.9	4.3	4.5	4.5	17.4	17.2	17.3
Fitchburg—Leominster .....	4.5	4.7	4.7	1.7	1.7	1.7	8.8	9.1	9.0
Lawrence .....	11.8	11.4	11.8	4.7	4.7	4.7	21.1	21.3	21.4
Lowell .....	9.6	9.0	9.1	3.9	4.1	4.1	17.9	18.0	18.2
New Bedford .....	6.3	5.9	6.1	2.4	2.3	2.3	10.9	10.6	10.8
Pittsfield .....	5.1	4.7	4.8	2.1	2.0	2.0	5.3	5.3	5.4
Springfield .....	22.0	20.9	21.6	9.3	9.4	9.5	49.5	51.0	50.8
Worcester .....	18.7	18.0	18.7	8.2	8.4	8.3	34.5	33.6	33.7
<b>Michigan</b> .....	388.9	362.6	365.7	174.9	174.3	174.5	697.8	707.2	700.9
Ann Arbor .....	21.8	18.9	20.4	8.3	8.2	8.2	79.6	81.7	81.5
Benton Harbor .....	6.2	5.3	5.7	3.1	3.1	3.1	9.1	9.3	9.0
Detroit .....	177.5	168.7	170.8	79.4	76.0	75.4	243.7	242.8	243.1
Flint .....	15.3	15.4	15.8	6.8	6.7	6.7	25.9	25.9	26.1
Grand Rapids—Muskegon—Holland .....	45.5	41.5	42.2	23.4	25.7	25.9	58.8	63.4	61.2
Jackson .....	5.8	5.1	5.2	2.9	2.9	2.9	11.9	11.6	11.5
Kalamazoo—Battle Creek .....	20.4	19.8	20.0	8.9	9.0	9.0	36.3	34.5	33.7
Lansing—East Lansing .....	19.5	15.8	16.5	11.3	11.3	11.3	76.2	75.4	75.4
Saginaw—Bay City—Midland .....	16.7	14.7	14.9	8.5	8.5	8.5	24.2	25.6	25.4
<b>Minnesota</b> .....	222.2	218.8	223.7	117.9	116.2	116.6	409.0	413.8	412.9
Duluth—Superior .....	11.6	11.6	12.1	5.2	5.3	5.3	24.2	24.4	24.3
Minneapolis—St. Paul .....	145.3	147.7	149.2	73.7	72.8	72.5	242.4	240.2	241.1
Rochester .....	7.1	6.9	7.0	3.0	2.9	2.9	8.0	8.0	7.9
St. Cloud .....	7.8	7.8	7.9	4.4	4.4	4.4	14.0	13.7	13.7
<b>Mississippi</b> .....	122.8	119.6	121.4	37.5	38.5	38.9	240.6	245.6	246.1
Jackson .....	19.2	17.0	17.4	8.6	8.0	8.0	50.4	50.9	51.4
<b>Missouri</b> .....	261.8	245.0	258.2	117.7	119.2	123.4	440.8	426.9	427.5
Kansas City .....	88.9	83.5	86.4	43.8	44.3	43.7	140.2	138.6	138.0
St. Louis .....	130.8	123.3	126.8	57.7	56.4	58.2	164.3	165.4	165.1
Springfield .....	15.9	16.5	17.5	8.3	8.3	8.4	20.6	20.4	20.3
<b>Montana</b> .....	48.7	48.7	49.3	15.9	15.9	15.7	85.8	85.4	85.8
Billings .....	8.7	8.5	8.7	3.2	3.2	3.2	8.6	8.8	8.8
Missoula .....	6.3	6.3	6.5	2.4	2.3	2.3	10.6	10.5	10.6
<b>Nebraska</b> .....	76.7	71.8	74.6	33.7	33.4	33.5	160.1	162.5	163.0
Lincoln .....	14.7	14.1	15.4	6.1	6.1	6.4	36.2	36.9	36.9
Omaha .....	38.6	37.8	39.7	15.0	13.8	13.2	53.1	54.7	55.2
<b>Nevada</b> .....	297.0	296.9	298.4	29.9	30.3	30.5	131.8	137.3	136.9
Las Vegas .....	238.6	239.2	240.1	22.7	23.0	23.1	87.0	91.4	91.1
Reno .....	40.1	39.2	39.7	6.5	6.7	6.7	26.3	27.2	27.3
<b>New Hampshire</b> .....	56.6	57.3	57.9	21.9	21.8	21.6	90.6	91.9	91.5
Manchester .....	8.9	8.3	8.6	4.5	4.5	4.5	12.4	12.9	12.9
Nashua .....	7.2	7.3	7.4	3.2	3.3	3.2	10.1	9.9	9.9
Portsmouth—Rochester .....	12.6	11.7	12.1	3.9	4.2	4.2	24.4	24.8	25.1
<b>New Jersey</b> .....	301.7	288.5	300.8	147.1	149.5	149.5	624.0	630.0	633.9
Atlantic—Cape May .....	63.9	64.3	66.9	5.2	5.3	5.3	30.7	32.0	32.3
Bergen—Passaic .....	41.2	38.9	39.6	25.2	25.7	25.4	77.9	78.9	79.9
Camden .....	35.5	33.8	35.6	21.4	20.6	20.3	86.9	87.2	87.9
Jersey City .....	11.7	11.2	11.3	7.0	6.9	7.0	40.5	41.1	41.1
Middlesex—Somerset—Hunterdon .....	36.0	34.6	35.8	21.1	21.5	21.7	86.9	89.1	89.5
Monmouth—Ocean .....	39.7	35.9	37.7	16.8	18.1	17.6	67.4	68.0	68.9
Newark .....	56.8	54.3	57.1	40.4	41.4	41.2	152.1	154.3	155.5
Trenton .....	12.4	12.3	13.2	7.4	7.7	7.6	61.5	59.1	59.3
Vineland—Millville—Bridgeton .....	3.1	2.8	3.0	1.9	2.0	2.0	15.3	15.3	15.4

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			Natural resources and mining			Construction		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>p</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>p</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>p</sup>
<b>New Mexico</b> .....	763.3	773.3	776.9	14.0	13.6	13.4	45.8	44.5	45.5
Albuquerque .....	357.5	360.7	361.7	(1)	(1)	(1)	23.3	22.5	23.0
Las Cruces .....	59.9	61.2	61.2	(1)	(1)	(1)	3.4	3.4	3.3
Santa Fe .....	76.5	78.3	78.6	(1)	(1)	(1)	4.7	4.5	4.5
<b>New York</b> .....	8,425.7	8,323.4	8,372.3	5.0	4.7	5.0	310.5	294.7	313.7
Albany-Schenectady-Troy .....	460.8	455.8	460.2	.5	.4	.5	16.8	14.7	16.4
Binghamton .....	116.0	112.9	113.6	(1)	(1)	(1)	4.0	3.9	4.3
Buffalo-Niagara Falls .....	543.7	540.5	542.9	(1)	(1)	(1)	19.4	17.3	19.5
Dutchess County .....	117.9	119.9	119.5	(1)	(1)	(1)	5.4	5.5	5.3
Elmira .....	41.2	41.0	40.9	(1)	(1)	(1)	1.5	1.3	1.3
Glens Falls .....	48.7	48.0	48.9	(1)	(1)	(1)	1.9	1.8	2.0
Nassau-Suffolk .....	1,210.5	1,200.5	1,211.8	(1)	(1)	(1)	63.1	59.2	62.7
New York PMSA .....	4,127.9	4,055.8	4,080.4	(1)	(1)	(1)	145.6	140.7	147.2
New York City .....	3,577.4	3,509.0	3,527.0	.1	.1	.1	114.2	108.6	113.7
Newburgh .....	132.9	131.8	133.5	(1)	(1)	(1)	5.5	4.9	5.0
Rochester .....	533.6	521.2	526.0	.6	.7	.7	17.0	16.4	17.2
Rockland County .....	111.6	110.4	112.7	(1)	(1)	(1)	5.1	5.0	5.5
Syracuse .....	344.1	344.9	347.6	(1)	(1)	(1)	12.4	11.7	12.9
Utica-Rome .....	131.9	131.7	132.6	(1)	(1)	(1)	3.3	3.0	3.3
Westchester County .....	414.9	412.5	416.5	(1)	(1)	(1)	24.1	24.8	25.6
<b>North Carolina</b> .....	3,851.0	3,827.5	3,833.9	8.0	7.7	7.8	220.3	209.5	209.7
Asheville .....	111.4	110.0	110.7	(1)	(1)	(1)	6.9	7.1	7.0
Charlotte-Gastonia-Rock Hill .....	837.4	831.2	832.0	(1)	(1)	(1)	57.0	61.2	61.5
Greensboro-Winston-Salem-High Point .....	647.0	640.3	641.1	(1)	(1)	(1)	31.5	28.7	29.2
Raleigh-Durham-Chapel Hill .....	679.0	678.6	680.1	(1)	(1)	(1)	40.8	38.1	38.9
<b>North Dakota</b> .....	328.4	326.6	328.9	3.1	3.1	3.2	13.6	11.6	12.9
Bismarck .....	52.0	51.9	52.2	(1)	(1)	(1)	2.7	2.2	2.5
Fargo-Moorhead .....	103.9	103.2	103.9	(1)	(1)	(1)	5.0	4.5	4.9
Grand Forks .....	49.4	49.1	49.6	(1)	(1)	(1)	2.1	2.0	2.1
<b>Ohio</b> .....	5,434.3	5,347.2	5,380.8	12.3	11.8	12.1	226.9	211.1	222.6
Akron .....	325.6	330.2	331.9	(1)	(1)	(1)	13.2	13.9	14.4
Canton-Massillon .....	183.6	178.6	179.3	(1)	(1)	(1)	8.6	8.7	9.1
Cincinnati .....	870.6	870.6	874.3	(1)	(1)	(1)	39.8	39.2	41.1
Cleveland-Lorain-Elyria .....	1,116.2	1,105.4	1,111.2	(1)	(1)	(1)	42.8	43.3	46.1
Columbus .....	884.1	871.6	878.1	(1)	(1)	(1)	40.1	36.7	38.5
Dayton-Springfield .....	466.4	456.9	457.3	(1)	(1)	(1)	16.7	14.9	15.6
Hamilton-Middletown .....	133.6	133.5	134.5	(1)	(1)	(1)	7.7	7.2	7.8
Lima .....	76.8	75.9	76.4	(1)	(1)	(1)	3.4	3.1	3.3
Mansfield .....	77.6	77.4	77.9	(1)	(1)	(1)	2.7	2.4	2.6
Steubenville-Weirton .....	49.5	49.5	49.4	(1)	(1)	(1)	2.4	2.1	2.3
Toledo .....	321.5	307.9	310.5	(1)	(1)	(1)	15.4	14.2	15.3
Youngstown-Warren .....	232.8	231.0	226.9	(1)	(1)	(1)	10.2	10.2	10.7
<b>Oklahoma</b> .....	1,493.6	1,470.0	1,482.2	27.7	28.5	29.0	63.7	64.1	65.9
Enid .....	23.6	23.2	23.6	.6	.6	.6	.9	.9	.9
Lawton .....	38.5	38.1	38.2	.1	.1	.1	1.6	1.7	1.8
Oklahoma City .....	541.7	544.4	549.7	6.4	6.8	6.8	21.3	20.7	21.5
Tulsa .....	403.9	386.0	385.6	5.2	4.8	4.8	20.3	20.6	21.3
<b>Oregon</b> .....	1,563.3	1,552.0	1,552.1	8.6	9.5	9.7	75.0	72.9	72.9
Eugene-Springfield .....	141.5	142.6	142.7	1.0	1.2	1.2	6.2	5.9	5.9
Medford-Ashland .....	72.9	72.6	72.9	.4	.6	.6	3.5	3.4	3.4
Portland-Vancouver .....	938.0	921.7	922.4	1.5	1.5	1.5	50.4	48.9	48.5
Salem .....	136.2	136.3	137.2	1.2	1.3	1.4	6.3	5.6	5.8
<b>Pennsylvania</b> .....	5,658.7	5,596.7	5,639.6	19.0	17.3	18.2	243.6	230.6	242.8
Allentown-Bethlehem-Easton .....	286.9	284.0	285.5	(1)	(1)	(1)	13.1	11.6	12.2
Altoona .....	60.9	60.6	61.3	(1)	(1)	(1)	2.9	2.7	2.9
Erie .....	131.7	129.6	129.8	(1)	(1)	(1)	4.6	4.3	4.6
Harrisburg-Lebanon-Carlisle .....	366.7	364.8	366.4	(1)	(1)	(1)	15.2	14.1	14.6
Johnstown .....	86.2	85.7	85.6	(1)	(1)	(1)	4.3	3.8	4.2
Lancaster .....	227.7	228.9	230.8	(1)	(1)	(1)	15.0	14.4	15.1
Philadelphia PMSA .....	2,412.8	2,398.6	2,415.6	(1)	(1)	(1)	98.7	95.2	99.3
Philadelphia City .....	686.3	679.2	682.8	(1)	(1)	(1)	12.2	11.6	11.9
Pittsburgh .....	1,124.5	1,099.8	1,113.3	(1)	(1)	(1)	61.3	55.2	61.6
Reading .....	167.7	165.6	166.5	(1)	(1)	(1)	8.0	7.4	8.0
Scranton-Wilkes-Barre-Hazleton .....	280.6	274.3	276.1	(1)	(1)	(1)	11.0	9.7	10.4
Sharon .....	50.2	49.6	49.7	(1)	(1)	(1)	1.5	1.5	1.6
State College .....	73.7	73.5	74.8	(1)	(1)	(1)	3.0	2.6	2.8
Williamsport .....	53.7	53.3	53.5	(1)	(1)	(1)	2.0	1.9	2.0
York .....	169.6	167.4	167.7	(1)	(1)	(1)	10.2	9.9	10.2

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			Trade, transportation, and utilities			Information		
	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P
<b>New Mexico</b> .....	38.2	36.5	36.7	133.7	135.0	135.2	17.0	16.8	16.7
Albuquerque .....	24.8	23.7	23.9	64.2	64.7	64.7	11.3	10.7	10.7
Las Cruces .....	2.9	2.9	3.0	8.9	9.1	9.1	1.2	1.1	1.1
Santa Fe .....	1.3	1.3	1.3	10.5	10.7	10.8	1.0	1.0	1.0
<b>New York</b> .....	656.5	621.0	619.8	1,457.2	1,461.0	1,461.5	298.3	281.0	281.1
Albany-Schenectady-Troy .....	28.8	27.6	27.6	80.0	79.4	79.9	12.3	12.4	12.5
Binghamton .....	19.4	17.5	17.6	21.2	20.6	20.9	2.9	2.9	2.8
Buffalo-Niagara Falls .....	72.7	70.1	69.6	103.4	101.7	102.0	10.6	10.5	10.4
Dutchess County .....	16.8	16.3	16.3	19.6	20.5	20.4	2.1	2.1	2.1
Elmira .....	7.0	6.9	6.9	8.3	8.6	8.6	.6	.7	.7
Glens Falls .....	7.0	6.9	6.9	8.8	8.6	8.7	1.2	1.0	1.0
Nassau-Suffolk .....	92.5	87.6	87.4	263.9	266.5	264.9	32.7	31.8	32.2
New York PMSA .....	175.8	163.8	164.0	635.5	635.5	633.5	197.8	182.7	183.2
New York City .....	141.0	131.3	131.3	528.8	528.5	526.6	178.1	163.5	164.2
Newburgh .....	9.3	9.4	9.4	34.1	34.1	34.6	2.7	2.7	2.7
Rochester .....	91.8	85.1	85.3	89.1	87.1	88.4	14.3	14.0	14.0
Rockland County .....	11.9	11.4	11.6	22.3	21.9	22.0	3.3	3.4	3.5
Syracuse .....	42.0	40.4	40.1	70.5	71.6	71.7	7.3	7.5	7.3
Utica-Rome .....	15.7	14.9	14.7	22.2	22.7	23.0	3.7	3.6	3.6
Westchester County .....	21.5	19.6	19.6	80.4	80.9	80.7	15.8	15.4	15.2
<b>North Carolina</b> .....	647.6	618.9	616.6	719.1	712.0	712.1	79.0	78.6	78.4
Asheville .....	14.6	14.5	14.4	21.2	21.1	20.7	1.7	1.8	1.7
Charlotte-Gastonia-Rock Hill .....	116.7	111.6	110.7	174.3	167.8	166.3	24.4	24.4	25.5
Greensboro-Winston-Salem-High Point .....	128.0	126.8	126.5	127.6	124.2	124.0	11.8	11.5	11.2
Raleigh-Durham-Chapel Hill .....	74.0	69.1	69.1	113.3	106.7	106.8	23.4	23.8	23.4
<b>North Dakota</b> .....	23.5	23.2	23.1	70.9	70.9	71.4	7.9	7.9	7.9
Bismarck .....	2.6	2.6	2.6	10.7	10.9	10.9	1.4	1.3	1.3
Fargo-Moorhead .....	8.2	8.3	8.2	23.9	24.3	24.4	3.3	3.2	3.3
Grand Forks .....	3.4	3.4	3.4	10.7	10.7	10.8	.7	.7	.7
<b>Ohio</b> .....	887.3	862.9	858.5	1,054.2	1,037.9	1,043.2	101.3	96.8	96.7
Akron .....	49.5	50.1	50.0	68.0	68.1	68.6	5.4	5.2	5.2
Canton-Massillon .....	39.5	37.4	37.0	35.1	34.8	34.9	2.3	2.3	2.3
Cincinnati .....	109.7	108.7	108.0	179.7	177.1	178.0	17.5	16.7	17.1
Cleveland-Lorain-Elyria .....	172.6	168.2	167.8	205.6	203.5	203.7	23.1	21.4	21.3
Columbus .....	77.4	75.0	75.7	186.3	179.5	180.4	21.1	19.2	19.0
Dayton-Springfield .....	74.8	69.7	69.0	86.7	85.8	85.9	12.2	12.0	12.0
Hamilton-Middletown .....	19.9	20.9	21.3	30.8	30.1	30.2	.7	.7	.7
Lima .....	17.2	17.3	17.4	14.2	13.8	13.9	1.1	1.1	1.1
Mansfield .....	20.6	20.3	20.4	13.0	13.3	13.3	1.5	1.5	1.5
Steubenville-Weirton .....	11.5	11.1	11.0	8.3	8.2	8.2	.7	.7	.7
Toledo .....	53.5	51.0	51.1	62.9	61.3	61.0	4.8	4.9	4.9
Youngstown-Warren .....	43.5	40.7	35.5	47.4	48.2	48.7	3.3	3.3	3.4
<b>Oklahoma</b> .....	153.2	146.2	146.7	285.0	280.4	283.0	35.6	34.2	34.6
Enid .....	2.3	2.2	2.3	6.0	5.8	6.0	.2	.2	.2
Lawton .....	3.7	3.5	3.3	6.3	6.1	6.2	.5	.5	.5
Oklahoma City .....	41.2	40.6	40.7	98.5	98.5	98.8	14.2	13.9	13.6
Tulsa .....	50.3	45.7	45.9	85.4	79.1	80.1	14.6	13.7	14.1
<b>Oregon</b> .....	199.9	191.3	191.6	310.5	307.6	307.9	36.0	35.6	35.8
Eugene-Springfield .....	18.6	19.1	18.9	25.7	26.1	26.1	3.7	3.5	3.5
Medford-Ashland .....	7.1	6.8	6.9	16.7	16.8	16.6	1.8	1.7	1.7
Portland-Vancouver .....	123.8	116.7	117.2	190.4	185.2	185.4	25.1	23.9	24.0
Salem .....	13.2	13.2	13.3	21.7	22.1	22.2	1.8	1.7	1.7
<b>Pennsylvania</b> .....	765.7	730.8	729.6	1,109.6	1,086.6	1,087.4	129.4	127.7	128.2
Allentown-Bethlehem-Easton .....	46.1	44.1	43.8	55.9	57.2	57.2	7.5	7.4	7.6
Altoona .....	8.8	8.8	8.8	15.2	14.7	14.7	1.3	1.2	1.2
Erie .....	28.2	26.5	26.5	22.3	22.1	21.9	2.4	2.4	2.4
Harrisburg-Lebanon-Carlisle .....	37.1	35.7	35.1	79.3	78.4	78.4	8.5	9.0	9.1
Johnstown .....	9.9	9.6	9.5	17.1	16.8	16.7	1.3	1.3	1.3
Lancaster .....	51.3	49.8	49.6	48.4	49.2	49.5	4.1	4.1	4.2
Philadelphia PMSA .....	238.1	231.4	230.2	464.0	464.1	464.8	61.2	61.3	61.3
Philadelphia City .....	38.1	36.6	36.5	95.6	95.9	95.6	16.9	17.1	16.9
Pittsburgh .....	112.7	109.2	109.4	230.6	224.2	223.5	26.1	25.3	25.3
Reading .....	35.7	33.4	33.4	32.5	32.7	32.7	2.0	2.0	2.0
Scranton-Wilkes-Barre-Hazleton .....	45.6	42.7	42.6	61.3	60.8	61.2	7.1	7.1	7.1
Sharon .....	9.7	9.0	9.0	9.9	9.6	9.6	.5	.6	.6
State College .....	6.8	6.4	6.4	10.5	10.6	10.6	1.3	1.3	1.3
Williamsport .....	12.8	12.4	12.3	10.4	10.3	10.2	1.1	1.1	1.1
York .....	41.4	40.2	40.1	36.6	35.5	35.5	2.0	2.0	2.0

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	Financial activities			Professional and business services			Education and health services		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>New Mexico</b> .....	33.3	34.4	34.4	88.5	90.1	90.2	94.3	99.4	100.2
Albuquerque .....	18.6	19.1	19.2	56.4	56.5	56.1	41.4	43.9	43.5
Las Cruces .....	2.2	2.2	2.2	5.4	5.1	5.1	8.4	8.8	8.8
Santa Fe .....	3.3	3.4	3.4	8.2	8.6	8.7	8.8	9.1	9.3
<b>New York</b> .....	704.4	694.4	695.6	1,049.3	1,023.1	1,036.7	1,470.9	1,495.0	1,499.0
Albany-Schenectady-Troy .....	25.3	25.9	25.9	51.3	51.3	51.7	80.6	82.1	82.5
Binghamton .....	4.7	4.7	4.7	10.3	9.8	9.9	15.3	15.6	15.4
Buffalo-Niagara Falls .....	32.6	34.0	34.0	60.3	60.2	61.0	82.0	82.3	82.6
Dutchess County .....	4.7	4.7	4.7	8.5	9.0	9.0	25.3	26.3	26.1
Elmira .....	1.5	1.5	1.5	2.4	2.0	2.0	7.5	7.6	7.6
Glens Falls .....	2.0	2.0	2.0	2.8	2.7	2.8	7.0	7.7	7.6
Nassau-Suffolk .....	82.4	82.6	83.1	152.5	148.1	150.9	187.1	190.4	189.6
New York PMSA .....	479.6	468.1	469.1	618.3	595.4	603.9	749.9	765.1	766.3
New York City .....	446.0	435.0	435.7	549.4	526.6	533.2	648.6	663.5	664.7
Newburgh .....	5.6	5.3	5.4	9.9	10.2	10.5	18.6	19.0	19.1
Rochester .....	21.5	22.0	22.0	55.4	53.6	54.2	96.2	97.8	98.2
Rockland County .....	4.6	4.5	4.6	10.8	11.0	11.4	21.3	21.7	22.0
Syracuse .....	17.9	17.8	18.1	30.8	31.5	31.4	57.3	58.1	58.7
Utica-Rome .....	8.1	8.0	7.9	10.0	10.0	10.1	23.2	23.8	24.2
Westchester County .....	27.8	27.4	27.5	56.1	55.8	57.2	75.6	75.4	75.1
<b>North Carolina</b> .....	186.4	192.1	191.6	413.3	419.0	418.1	414.4	423.5	424.6
Asheville .....	3.3	3.0	3.0	8.9	9.5	9.7	19.1	19.4	19.7
Charlotte-Gastonia-Rock Hill .....	66.0	66.6	66.5	114.7	114.7	115.4	61.7	62.3	61.8
Greensboro-Winston-Salem-High Point .....	36.5	37.3	37.2	73.7	72.7	72.2	82.3	80.8	81.0
Raleigh-Durham-Chapel Hill .....	32.3	32.0	32.2	101.5	98.9	98.3	75.7	80.1	80.2
<b>North Dakota</b> .....	17.8	18.0	18.0	23.9	23.5	23.4	46.4	47.3	47.4
Bismarck .....	2.5	2.6	2.6	4.4	4.4	4.4	8.8	8.8	8.9
Fargo-Moorhead .....	8.0	8.1	8.1	9.2	9.4	9.4	14.7	14.6	14.6
Grand Forks .....	1.6	1.5	1.5	2.7	2.6	2.6	7.7	8.0	8.0
<b>Ohio</b> .....	306.8	304.5	305.9	611.7	602.8	609.2	712.8	720.8	721.1
Akron .....	14.1	14.4	14.4	39.6	39.4	39.5	40.8	41.9	41.8
Canton-Massillon .....	7.7	7.4	7.5	15.6	14.7	14.5	27.3	26.9	26.9
Cincinnati .....	55.7	57.6	58.0	129.2	126.7	127.8	108.6	111.9	111.5
Cleveland-Lorain-Elyria .....	80.3	80.4	80.1	134.5	131.4	132.1	166.2	169.0	170.2
Columbus .....	75.1	74.6	75.1	126.8	124.9	124.9	93.5	97.6	98.3
Dayton-Springfield .....	19.6	20.5	20.6	56.0	52.9	52.6	69.4	70.4	70.6
Hamilton-Middletown .....	9.2	9.1	9.1	10.4	9.8	9.8	14.2	14.5	14.5
Lima .....	2.3	2.3	2.3	5.5	5.5	5.6	12.0	12.4	12.2
Mansfield .....	2.7	2.7	2.7	5.5	5.8	5.9	9.3	9.6	9.6
Steubenville-Weirton .....	1.4	1.5	1.5	2.2	2.1	2.1	9.2	9.9	9.8
Toledo .....	12.1	12.5	12.4	34.1	30.3	31.0	44.5	44.6	44.9
Youngstown-Warren .....	8.8	8.5	8.5	20.6	20.0	20.9	34.6	34.6	34.3
<b>Oklahoma</b> .....	82.8	83.4	84.0	164.2	156.1	158.0	173.4	174.4	173.5
Enid .....	1.2	1.3	1.3	1.6	1.4	1.4	3.6	3.7	3.7
Lawton .....	2.0	2.2	2.2	3.4	3.4	3.5	3.2	3.1	3.2
Oklahoma City .....	33.6	33.3	33.4	70.3	69.2	70.1	65.1	68.5	68.1
Tulsa .....	24.9	25.2	25.5	52.6	47.2	46.9	50.9	50.4	50.3
<b>Oregon</b> .....	93.7	94.1	93.6	170.3	169.6	170.1	186.7	188.7	189.5
Eugene-Springfield .....	7.0	7.3	7.3	14.2	14.9	15.0	18.6	18.9	19.1
Medford-Ashland .....	3.6	3.7	3.7	6.3	6.4	6.5	10.4	10.8	10.9
Portland-Vancouver .....	64.8	66.0	66.2	120.1	119.5	119.3	112.1	113.6	114.3
Salem .....	6.7	6.9	7.0	10.8	10.6	10.7	17.8	18.4	18.2
<b>Pennsylvania</b> .....	334.9	336.6	338.4	607.3	591.8	596.7	972.4	994.6	997.1
Allentown-Bethlehem-Easton .....	15.9	15.9	15.9	28.0	26.2	27.0	48.6	50.4	50.3
Altoona .....	1.9	1.9	2.0	4.4	4.8	4.8	9.3	9.6	9.6
Erie .....	6.5	6.6	6.5	10.7	11.3	11.2	22.3	22.5	22.3
Harrisburg-Lebanon-Carlisle .....	25.7	25.9	26.0	34.3	34.5	34.5	49.0	50.6	50.5
Johnstown .....	4.1	4.3	4.3	6.5	6.4	6.5	16.4	16.6	16.4
Lancaster .....	11.5	11.6	11.6	17.9	18.8	18.8	28.8	29.8	30.1
Philadelphia PMSA .....	176.3	176.7	176.1	330.0	325.5	329.4	445.6	448.1	450.3
Philadelphia City .....	51.2	49.4	49.3	87.5	87.4	87.7	180.8	181.6	183.4
Pittsburgh .....	67.6	68.0	68.5	135.9	130.0	134.0	205.5	205.9	206.1
Reading .....	8.5	8.3	8.2	19.0	18.9	18.7	20.3	21.3	21.4
Scranton-Wilkes-Barre-Hazleton .....	14.1	14.1	14.2	22.0	20.5	21.0	49.8	49.8	49.6
Sharon .....	1.7	1.9	1.9	2.5	2.6	2.6	11.2	11.5	11.5
State College .....	2.3	2.4	2.4	4.8	4.6	4.8	6.6	6.8	6.9
Williamsport .....	2.3	2.1	2.2	2.8	2.9	2.9	8.0	8.4	8.4
York .....	5.4	5.5	5.5	13.3	13.1	12.9	20.9	21.3	21.3

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	Leisure and hospitality			Other services			Government		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>New Mexico</b> .....	79.6	79.9	81.3	27.4	27.9	28.0	191.5	195.2	195.3
Albuquerque .....	34.6	34.3	35.0	11.4	12.1	12.3	71.5	73.2	73.3
Las Cruces .....	5.9	6.3	6.2	1.4	1.4	1.4	20.2	20.9	21.0
Santa Fe .....	9.2	9.3	9.2	2.9	3.1	3.1	26.6	27.3	27.3
<b>New York</b> .....	623.9	608.1	625.2	346.1	347.2	345.6	1,503.6	1,493.2	1,489.1
Albany-Schenectady-Troy .....	31.5	30.2	31.5	18.6	19.1	19.0	115.1	112.7	112.7
Binghamton .....	8.5	8.3	8.7	4.5	4.1	4.3	25.2	25.5	25.0
Buffalo-Niagara Falls .....	46.1	46.6	47.3	23.3	23.8	23.9	93.3	94.0	92.6
Dutchess County .....	8.4	8.1	8.3	3.8	3.9	3.9	23.3	23.5	23.4
Elmira .....	3.4	3.3	3.3	1.5	1.6	1.6	7.5	7.5	7.4
Glens Falls .....	5.4	4.9	5.4	1.7	1.7	1.7	10.9	10.7	10.8
Nassau-Suffolk .....	86.6	83.1	88.5	49.4	51.7	51.3	200.3	199.5	201.2
New York PMSA .....	293.3	284.5	290.9	171.8	171.5	170.4	660.3	648.5	651.9
New York City .....	254.3	248.1	251.6	149.4	148.3	147.3	567.5	555.5	558.6
Newburgh .....	11.4	10.5	11.5	5.6	5.6	5.5	30.2	30.1	29.8
Rochester .....	40.2	38.2	40.0	19.2	19.1	19.3	88.3	87.2	86.7
Rockland County .....	7.5	6.5	6.9	4.5	4.7	4.8	20.3	20.3	20.4
Syracuse .....	27.2	26.4	27.7	14.1	13.5	14.0	64.6	66.4	65.7
Utica-Rome .....	11.6	11.9	12.4	5.5	5.6	5.5	28.6	28.2	27.9
Westchester County .....	29.6	28.4	30.7	16.5	17.2	17.0	67.5	67.6	67.9
<b>North Carolina</b> .....	330.8	314.9	324.7	181.1	178.3	178.1	651.0	673.0	672.2
Asheville .....	13.1	11.3	12.4	6.0	6.1	6.1	16.6	16.2	16.0
Charlotte-Gastonia-Rock Hill .....	70.0	66.1	66.9	48.5	49.4	49.9	104.1	107.1	107.5
Greensboro-Winston-Salem-High Point .....	52.1	52.2	54.0	29.5	28.8	28.4	74.0	77.3	77.4
Raleigh-Durham-Chapel Hill .....	56.3	57.4	58.6	32.4	33.1	33.0	129.3	139.4	139.6
<b>North Dakota</b> .....	29.6	28.9	29.6	15.4	15.1	15.0	76.3	77.1	77.0
Bismarck .....	4.9	4.7	4.8	2.9	2.9	2.8	11.1	11.5	11.4
Fargo-Moorhead .....	10.7	10.3	10.5	4.3	4.2	4.2	16.6	16.3	16.3
Grand Forks .....	5.3	5.1	5.3	1.9	1.8	1.9	13.3	13.3	13.3
<b>Ohio</b> .....	478.9	459.4	475.3	228.7	227.1	226.1	813.4	812.1	810.1
Akron .....	30.0	31.5	32.2	14.2	14.8	14.8	50.8	50.9	51.0
Canton-Massillon .....	15.9	14.6	15.1	9.7	9.9	9.9	21.9	21.9	22.1
Cincinnati .....	85.4	86.2	85.4	36.3	35.9	36.5	108.7	110.6	110.9
Cleveland-Lorain-Elyria .....	92.9	89.5	91.8	46.6	45.4	45.3	151.6	153.3	152.8
Columbus .....	82.1	80.5	83.5	35.7	36.4	36.5	146.0	147.2	146.2
Dayton-Springfield .....	40.0	38.5	39.1	18.7	19.5	19.5	72.3	72.7	72.4
Hamilton-Middletown .....	11.8	12.2	12.3	5.1	5.1	5.1	23.8	23.9	23.7
Lima .....	6.0	5.5	5.6	4.3	4.2	4.3	10.8	10.7	10.7
Mansfield .....	6.9	6.5	6.7	3.7	3.7	3.7	11.7	11.6	11.5
Steubenville-Weirton .....	5.4	5.5	5.5	1.9	1.9	1.9	6.5	6.5	6.4
Toledo .....	29.3	23.8	24.8	14.5	14.7	14.7	50.4	50.6	50.4
Youngstown-Warren .....	20.8	22.0	22.0	10.7	10.6	10.6	32.9	32.9	32.3
<b>Oklahoma</b> .....	128.0	123.9	127.5	74.4	77.3	78.3	305.6	301.5	301.7
Enid .....	2.0	1.9	1.9	1.4	1.4	1.4	3.8	3.8	3.9
Lawton .....	3.7	3.6	3.7	2.2	2.2	2.2	11.8	11.7	11.6
Oklahoma City .....	51.5	53.4	55.3	27.8	27.2	29.1	111.8	112.3	112.3
Tulsa .....	33.6	31.9	30.7	19.5	21.5	19.9	46.6	45.9	46.1
<b>Oregon</b> .....	147.4	146.3	147.0	56.2	59.0	58.3	279.0	277.4	275.7
Eugene-Springfield .....	13.1	13.1	13.2	5.0	4.9	4.9	28.4	27.7	27.6
Medford-Ashland .....	8.7	8.3	8.6	2.7	2.7	2.7	11.7	11.4	11.3
Portland-Vancouver .....	84.0	80.5	81.4	34.3	34.5	34.4	131.5	131.4	130.2
Salem .....	11.6	12.0	12.4	5.2	5.4	5.4	39.9	39.1	39.1
<b>Pennsylvania</b> .....	458.1	447.4	464.9	259.0	262.4	263.9	759.7	770.9	772.4
Allentown-Bethlehem-Easton .....	23.8	23.8	23.8	13.9	13.3	13.5	34.1	34.1	34.2
Altoona .....	5.2	5.1	5.3	2.8	2.7	2.8	9.1	9.1	9.2
Erie .....	11.6	10.7	11.3	6.3	6.4	6.4	16.8	16.8	16.7
Harrisburg-Lebanon-Carlisle .....	28.9	26.8	28.3	17.8	17.1	17.2	70.9	72.7	72.7
Johnstown .....	7.6	7.9	7.6	4.2	4.2	4.3	14.8	14.8	14.8
Lancaster .....	19.3	18.9	19.6	10.5	10.7	10.7	20.9	21.6	21.6
Philadelphia PMSA .....	174.9	172.7	178.6	106.5	108.2	108.6	317.5	315.4	317.0
Philadelphia City .....	54.1	52.0	52.9	29.7	30.0	30.2	120.2	117.6	118.4
Pittsburgh .....	99.3	95.7	97.8	56.5	56.1	56.9	129.0	130.2	130.2
Reading .....	12.9	12.6	13.0	7.7	7.9	8.0	21.1	21.1	21.1
Scranton-Wilkes-Barre-Hazleton .....	22.1	20.9	21.4	10.8	11.1	11.2	36.8	37.6	37.4
Sharon .....	4.9	4.7	4.8	2.2	2.3	2.3	6.1	5.9	5.8
State College .....	6.6	6.6	6.8	2.3	2.4	2.4	29.5	29.8	30.4
Williamsport .....	4.0	4.0	4.1	2.3	2.4	2.4	8.0	7.8	7.9
York .....	14.5	13.9	14.2	7.7	8.0	8.0	17.6	18.0	18.0

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			Natural resources and mining			Construction		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>p</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>p</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>p</sup>
<b>Rhode Island</b> .....	478.5	472.2	477.9	.2	.2	.3	19.1	17.6	19.1
Providence-Fall River-Warwick .....	530.8	522.2	528.3	.3	.2	.3	20.8	19.7	21.4
<b>South Carolina</b> .....	1,812.7	1,790.9	1,799.2	5.1	5.1	5.0	112.0	106.7	106.1
Charleston-North Charleston .....	256.9	254.7	255.4	(1)	(1)	(1)	19.9	19.8	20.0
Columbia .....	304.7	302.3	301.9	(1)	(1)	(1)	17.1	16.1	16.5
Greenville-Spartanburg-Anderson .....	469.0	461.8	462.5	(1)	(1)	(1)	28.1	23.6	24.2
<b>South Dakota</b> .....	373.2	370.9	375.9	.9	.8	.9	17.2	16.2	17.8
Rapid City .....	49.5	49.9	50.4	(1)	(1)	(1)	3.5	3.6	3.7
Sioux Falls .....	115.4	115.5	117.2	(1)	(1)	(1)	6.0	5.6	6.2
<b>Tennessee</b> .....	2,670.1	2,656.3	2,671.7	4.6	4.4	4.4	112.6	106.6	108.0
Chattanooga .....	231.7	230.8	231.0	.2	.3	.3	8.5	8.2	8.2
Johnson City-Kingsport-Bristol .....	194.7	194.8	195.1	.2	.2	.2	10.4	10.0	10.0
Knoxville .....	345.3	341.7	346.6	.5	.6	.6	15.8	15.5	15.5
Memphis .....	584.7	581.0	582.6	.1	.1	.1	23.7	23.1	23.1
Nashville .....	672.8	669.6	672.4	.4	.4	.4	30.1	29.6	29.7
<b>Texas</b> .....	9,431.3	9,423.0	9,440.9	144.5	141.0	141.6	570.0	572.2	575.2
Abilene .....	55.2	56.1	56.1	.8	.8	.8	2.5	2.8	2.8
Amarillo .....	98.3	98.5	98.9	.7	.7	.7	5.2	4.9	5.0
Austin-San Marcos .....	660.1	663.9	664.8	1.8	1.8	1.8	36.8	36.5	36.7
Beaumont-Port Arthur .....	157.1	157.1	157.2	.7	.8	.8	15.2	14.6	15.1
Brazoria .....	78.8	78.4	78.7	1.2	1.2	1.2	11.9	10.8	11.0
Brownsville-Harlingen-San Benito .....	114.8	117.1	117.1	(1)	(1)	(1)	4.3	4.3	4.4
Bryan-College Station .....	80.0	81.2	81.6	.8	.8	.8	3.7	3.6	3.7
Corpus Christi .....	160.4	161.2	161.3	2.3	2.7	2.7	14.4	13.9	13.7
Dallas .....	1,938.2	1,913.9	1,919.2	9.3	8.9	9.0	103.7	99.7	100.3
El Paso .....	255.1	257.7	258.2	(1)	(1)	(1)	11.6	12.0	11.9
Ft. Worth-Arlington .....	787.9	786.0	786.1	4.3	4.2	4.2	45.6	44.9	45.4
Galveston-Texas City .....	88.1	86.8	87.4	(1)	(1)	(1)	5.0	5.3	5.5
Houston .....	2,108.2	2,097.3	2,098.3	60.2	59.4	59.3	163.1	162.6	163.1
Killeen-Temple .....	105.5	105.8	106.0	(1)	(1)	(1)	4.9	4.9	5.0
Laredo .....	72.5	74.1	74.1	1.3	1.3	1.3	2.6	2.6	2.6
Longview-Marshall .....	92.1	92.4	92.8	3.7	3.6	3.7	4.9	4.7	4.7
Lubbock .....	122.0	123.7	123.3	(1)	(1)	(1)	5.2	5.0	5.0
McAllen-Edinburg-Mission .....	168.0	170.2	170.1	1.4	1.4	1.4	9.0	9.3	9.4
Odessa-Midland .....	104.8	106.4	106.6	10.3	11.0	11.0	6.5	6.3	6.4
San Angelo .....	44.7	43.9	43.8	.7	.7	.7	2.1	2.0	2.0
San Antonio .....	727.5	735.2	736.2	2.4	2.4	2.4	41.4	41.2	41.0
Sherman-Denison .....	44.3	44.5	44.5	(1)	(1)	(1)	2.8	3.0	3.1
Texarkana .....	53.7	53.6	53.8	(1)	(1)	(1)	2.8	2.8	2.8
Tyler .....	84.8	86.3	86.2	.9	.8	.8	3.7	3.6	3.7
Victoria .....	37.5	37.7	37.7	1.6	2.0	2.1	2.2	2.2	2.2
Waco .....	100.3	101.7	101.9	(1)	(1)	(1)	5.8	6.0	6.0
Wichita Falls .....	60.3	59.1	59.2	1.0	1.0	1.0	2.0	2.0	2.1
<b>Utah</b> .....	1,073.4	1,064.4	1,069.8	6.9	7.1	7.2	65.2	61.1	63.0
Provo-Orem .....	152.9	152.4	153.3	(1)	(1)	(1)	10.0	10.0	10.5
Salt Lake City-Ogden .....	707.9	703.6	706.8	(1)	(1)	(1)	42.7	41.5	42.8
<b>Vermont</b> .....	297.2	302.6	300.5	1.0	1.0	1.1	13.9	13.0	13.9
Barre-Montpelier .....	33.9	34.8	35.0	(1)	(1)	(1)	1.4	1.3	1.4
Burlington .....	108.5	106.7	107.2	(1)	(1)	(1)	4.8	4.5	4.5
<b>Virginia</b> .....	3,490.6	3,467.0	3,494.1	10.7	10.2	10.2	213.1	200.1	204.7
Bristol .....	40.4	40.3	40.8	(1)	(1)	(1)	1.4	1.4	1.5
Charlottesville .....	85.9	87.9	87.5	(1)	(1)	(1)	5.6	5.4	5.5
Danville .....	44.9	45.5	44.8	(1)	(1)	(1)	2.6	2.4	2.5
Lynchburg .....	100.8	99.2	99.6	(1)	(1)	(1)	6.4	6.5	6.6
Norfolk-Virginia Beach-Newport News .....	718.4	712.9	718.7	(1)	(1)	(1)	44.1	42.5	43.6
Northern Virginia .....	1,180.4	1,173.9	1,178.6	(1)	(1)	(1)	79.1	73.6	74.6
Richmond-Petersburg .....	569.8	566.2	567.9	(1)	(1)	(1)	37.6	35.8	35.7
Roanoke .....	145.2	142.9	143.4	(1)	(1)	(1)	8.5	8.0	7.9
<b>Washington</b> .....	2,640.8	2,633.6	2,647.0	8.9	8.7	8.7	148.9	147.6	152.0
Seattle-Bellevue-Everett .....	1,349.1	1,333.1	1,338.3	1.7	1.8	1.8	75.7	73.7	75.1
Spokane .....	195.2	192.3	193.6	(1)	(1)	(1)	9.9	9.9	10.4
Tacoma .....	242.2	243.6	245.2	.6	.6	.6	15.6	15.4	15.6

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	Manufacturing			Trade, transportation, and utilities			Information		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Rhode Island</b> .....	62.8	60.5	60.4	79.2	80.3	80.9	11.2	11.3	11.1
Providence-Fall River-Warwick .....	79.0	76.1	76.0	94.6	94.6	95.4	11.2	11.2	11.0
<b>South Carolina</b> .....	292.3	280.9	280.6	346.5	343.7	342.2	27.5	27.5	27.3
Charleston-North Charleston .....	20.9	19.0	18.8	54.5	53.6	53.1	3.6	3.5	3.5
Columbia .....	24.3	23.5	23.4	56.3	56.5	55.6	5.8	6.3	6.3
Greenville-Spartanburg-Anderson .....	100.5	97.4	97.6	102.3	101.2	100.4	8.2	8.9	8.6
<b>South Dakota</b> .....	38.2	37.4	37.2	75.9	75.5	76.6	6.7	6.6	6.4
Rapid City .....	3.7	3.6	3.5	10.7	10.6	10.8	1.0	1.0	1.0
Sioux Falls .....	12.2	11.3	11.4	25.1	25.7	26.2	2.6	2.6	2.6
<b>Tennessee</b> .....	428.3	415.5	415.4	571.8	566.8	567.7	53.7	52.4	52.4
Chattanooga .....	37.9	36.1	35.8	54.3	54.6	54.3	2.6	2.6	2.6
Johnson City-Kingsport-Bristol .....	40.3	40.0	39.7	36.3	36.3	36.5	3.7	3.7	3.7
Knoxville .....	42.4	41.7	41.5	72.7	72.9	73.4	6.2	5.9	5.9
Memphis .....	51.7	50.9	50.9	164.6	163.4	163.3	9.7	9.5	9.4
Nashville .....	80.2	77.0	77.0	132.2	128.0	127.6	21.7	21.9	21.6
<b>Texas</b> .....	956.2	924.7	921.8	1,952.4	1,935.3	1,929.9	251.5	234.2	235.6
Abilene .....	3.0	2.9	2.8	11.0	11.2	11.1	1.1	1.1	1.1
Amarillo .....	8.9	8.4	8.3	22.1	22.3	22.3	2.4	2.4	2.4
Austin-San Marcos .....	64.2	61.3	60.7	112.7	112.0	111.7	22.7	21.2	21.1
Beaumont-Port Arthur .....	20.7	19.9	19.7	29.8	30.4	30.3	2.7	2.6	2.7
Brazoria .....	13.3	12.5	12.5	13.8	14.0	14.1	.5	.5	.5
Brownsville-Harlingen-San Benito .....	10.4	10.2	10.1	22.4	22.7	22.9	1.5	1.4	1.4
Bryan-College Station .....	5.0	5.2	5.2	10.5	10.5	10.6	1.4	1.2	1.2
Corpus Christi .....	11.7	11.4	11.3	28.0	28.7	28.6	3.0	2.8	2.8
Dallas .....	214.4	207.2	206.6	419.8	414.9	414.4	91.2	83.3	83.9
El Paso .....	30.4	28.3	28.2	53.0	53.8	53.8	5.0	5.0	5.0
Ft. Worth-Arlington .....	98.8	97.4	97.5	196.4	192.0	189.7	18.9	18.1	18.2
Galveston-Texas City .....	7.3	7.1	7.1	14.3	14.1	14.1	.8	.8	.8
Houston .....	200.7	193.4	193.0	451.5	439.2	437.0	39.9	37.2	37.4
Killeen-Temple .....	8.1	8.0	8.0	19.9	20.7	20.4	1.3	1.2	1.2
Laredo .....	1.3	1.1	1.1	23.7	24.3	24.3	.7	.7	.7
Longview-Marshall .....	14.7	14.4	14.3	19.0	19.5	19.6	1.7	1.7	1.7
Lubbock .....	5.9	5.8	5.7	24.2	24.3	24.0	5.6	5.7	5.7
McAllen-Edinburg-Mission .....	10.2	9.4	9.2	34.6	35.1	34.9	1.8	1.6	1.6
Odessa-Midland .....	6.0	6.0	5.9	21.7	22.1	22.1	2.5	2.6	2.6
San Angelo .....	4.0	4.0	3.9	7.5	7.6	7.5	2.4	2.0	2.1
San Antonio .....	48.0	46.3	46.0	131.2	131.3	131.7	24.8	23.1	23.2
Sherman-Denison .....	7.4	7.2	7.2	8.0	8.1	8.0	.5	.5	.5
Texarkana .....	5.3	5.4	5.4	12.5	12.3	12.4	.5	.5	.5
Tyler .....	10.5	10.9	10.6	18.7	18.2	18.0	1.8	1.7	1.8
Victoria .....	3.1	2.8	2.8	8.1	8.1	8.1	.7	.7	.7
Waco .....	13.9	14.0	14.1	17.9	18.1	17.9	1.7	1.7	1.7
Wichita Falls .....	8.0	7.4	7.4	10.6	10.5	10.3	1.6	1.6	1.6
<b>Utah</b> .....	113.6	110.6	110.7	213.6	212.0	213.0	30.9	31.3	31.9
Provo-Orem .....	17.0	16.4	16.5	24.7	24.1	24.3	6.5	6.7	6.8
Salt Lake City-Ogden .....	72.1	71.3	71.3	148.1	148.2	148.1	21.4	21.2	21.7
<b>Vermont</b> .....	41.3	38.5	38.5	58.0	58.6	59.1	6.8	6.7	6.7
Barre-Montpelier .....	3.3	3.1	3.1	5.9	6.0	6.2	.7	.7	.7
Burlington .....	17.5	15.3	15.2	20.9	20.6	20.6	3.1	3.1	3.1
<b>Virginia</b> .....	320.7	312.7	310.5	626.3	624.2	627.5	107.4	100.6	99.1
Bristol .....	8.4	8.3	8.3	8.9	8.7	8.8	.6	.5	.5
Charlottesville .....	5.7	5.8	5.2	12.7	11.5	11.4	2.6	2.4	2.4
Danville .....	12.0	12.0	11.1	7.4	7.4	7.4	.4	.4	.4
Lynchburg .....	19.4	18.5	18.5	18.9	18.6	18.7	1.0	.9	.9
Norfolk-Virginia Beach-Newport News .....	59.7	61.2	60.8	132.1	128.0	129.3	16.1	15.8	15.3
Northern Virginia .....	31.4	29.8	29.6	196.3	197.5	198.5	64.3	57.0	55.5
Richmond-Petersburg .....	47.7	45.9	46.6	107.7	106.0	106.2	12.2	11.2	11.4
Roanoke .....	16.3	15.7	15.9	33.6	32.8	32.6	2.9	3.0	3.1
<b>Washington</b> .....	286.6	267.7	268.9	503.2	499.4	500.2	93.1	92.9	92.6
Seattle-Bellevue-Everett .....	167.4	153.6	154.1	261.1	258.5	259.1	72.7	73.2	73.1
Spokane .....	17.8	16.4	16.5	40.6	40.0	40.1	2.9	2.8	2.7
Tacoma .....	20.0	18.7	18.8	46.0	46.6	46.8	3.1	2.8	2.9

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	Financial activities			Professional and business services			Education and health services		
	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P
<b>Rhode Island</b> .....	32.4	32.7	32.6	49.4	45.9	47.2	89.1	90.5	90.6
Providence–Fall River–Warwick .....	33.8	34.2	34.1	53.0	50.0	51.3	97.5	97.9	98.2
<b>South Carolina</b> .....	89.0	90.0	91.2	183.3	174.0	175.7	171.7	177.3	178.2
Charleston–North Charleston .....	10.4	10.1	9.6	33.3	34.2	35.6	25.6	26.2	25.6
Columbia .....	24.6	24.7	24.7	35.5	33.8	33.2	31.3	31.0	31.3
Greenville–Spartanburg–Anderson .....	18.3	19.4	19.4	54.7	53.0	53.4	37.6	40.0	39.8
<b>South Dakota</b> .....	27.9	27.4	27.5	24.9	23.7	24.1	53.9	55.3	55.4
Rapid City .....	3.1	3.1	2.9	3.8	4.1	4.0	7.9	8.1	8.2
Sioux Falls .....	14.8	14.6	14.7	8.6	8.7	8.5	19.9	20.8	20.7
<b>Tennessee</b> .....	139.2	138.1	139.2	306.4	309.6	309.8	295.8	307.5	308.3
Chattanooga .....	18.2	18.3	18.4	24.0	24.5	24.6	21.8	21.9	22.0
Johnson City–Kingsport–Bristol .....	8.2	7.9	7.9	15.1	15.7	15.7	25.1	25.6	25.6
Knoxville .....	16.4	16.1	16.2	40.2	40.6	40.8	35.6	35.8	35.9
Memphis .....	32.0	31.5	31.5	75.6	73.6	73.2	65.7	67.7	68.1
Nashville .....	43.5	42.3	42.8	90.2	93.0	94.0	87.6	90.3	91.1
<b>Texas</b> .....	576.6	581.8	582.5	1,055.5	1,044.7	1,047.2	1,075.5	1,116.3	1,121.5
Abilene .....	2.8	2.8	2.8	4.0	3.9	3.9	11.9	12.3	12.4
Amarillo .....	5.7	5.8	5.8	6.2	6.4	6.5	14.0	13.8	14.0
Austin–San Marcos .....	37.3	37.7	37.8	87.2	86.2	86.5	64.3	67.4	67.5
Beaumont–Port Arthur .....	5.9	6.1	6.0	13.1	12.8	12.6	22.2	23.0	23.0
Brazoria .....	2.7	2.7	2.7	5.1	4.9	4.9	6.2	6.5	6.6
Brownsville–Harlingen–San Benito .....	4.3	4.3	4.3	7.1	7.3	7.2	23.1	24.4	24.6
Bryan–College Station .....	3.0	3.2	3.2	4.5	4.6	4.7	8.0	8.4	8.4
Corpus Christi .....	7.2	7.2	7.2	15.6	14.8	14.7	23.3	24.4	24.3
Dallas .....	167.4	166.9	166.9	275.0	270.3	271.7	181.1	185.5	187.0
El Paso .....	11.9	12.1	12.1	26.1	26.0	26.2	27.2	28.4	28.6
Ft. Worth–Arlington .....	46.4	46.7	46.9	81.2	79.0	78.7	81.8	83.7	84.0
Galveston–Texas City .....	5.9	5.7	5.7	4.3	4.2	4.3	8.6	8.6	8.7
Houston .....	123.0	122.8	122.9	302.4	297.8	298.5	226.1	235.0	235.6
Killeen–Temple .....	4.9	4.9	4.9	8.7	7.9	8.0	14.8	14.8	14.8
Laredo .....	3.1	3.2	3.1	4.2	4.3	4.3	9.5	10.1	10.1
Longview–Marshall .....	4.1	4.2	4.2	6.5	6.5	6.6	13.9	14.2	14.2
Lubbock .....	6.7	6.6	6.6	9.6	9.6	9.7	17.9	18.5	18.5
McAllen–Edinburg–Mission .....	6.6	6.4	6.5	10.8	10.0	10.1	29.3	31.7	31.9
Odessa–Midland .....	5.1	5.1	5.1	8.6	8.9	8.8	10.1	10.5	10.5
San Angelo .....	1.8	1.9	1.9	3.7	3.0	3.0	7.1	7.2	7.2
San Antonio .....	57.6	58.7	58.6	84.5	87.6	87.2	93.8	96.9	97.1
Sherman–Denison .....	3.0	2.8	2.8	2.4	2.3	2.4	8.5	9.1	9.0
Texarkana .....	2.2	2.3	2.3	3.3	3.2	3.2	9.1	9.1	9.2
Tyler .....	4.6	4.7	4.7	6.3	6.6	6.6	15.6	16.2	16.1
Victoria .....	1.8	1.8	1.8	2.9	2.7	2.6	5.3	5.6	5.6
Waco .....	6.1	6.3	6.4	8.5	8.5	8.5	16.5	16.4	16.5
Wichita Falls .....	2.3	2.3	2.3	3.5	3.2	3.2	8.7	8.8	8.9
<b>Utah</b> .....	63.0	64.0	64.0	131.1	130.3	130.7	114.3	117.4	117.9
Provo–Orem .....	5.3	5.6	5.7	17.8	17.5	17.7	32.9	33.6	32.6
Salt Lake City–Ogden .....	50.6	51.4	51.4	95.6	94.8	94.8	64.2	65.0	65.4
<b>Vermont</b> .....	12.9	13.2	13.2	20.0	20.1	20.5	50.1	52.3	52.3
Barre–Montpelier .....	2.7	2.9	2.9	1.9	1.9	2.0	5.3	5.5	5.6
Burlington .....	5.2	5.3	5.3	9.4	9.9	10.2	17.0	17.4	17.4
<b>Virginia</b> .....	180.2	181.2	181.7	548.5	541.4	544.2	363.7	371.5	374.1
Bristol .....	1.2	1.1	1.1	3.3	3.4	3.5	4.5	4.6	4.6
Charlottesville .....	3.5	3.5	3.5	8.7	9.3	9.4	9.7	10.3	10.3
Danville .....	1.4	1.4	1.4	2.3	2.4	2.4	6.9	7.3	7.3
Lynchburg .....	4.2	3.9	3.8	8.7	8.9	9.0	16.5	16.7	16.7
Norfolk–Virginia Beach–Newport News .....	35.7	34.9	34.9	101.2	100.8	102.0	75.2	77.3	77.7
Northern Virginia .....	63.9	66.3	66.8	283.9	283.1	283.6	105.6	109.0	109.1
Richmond–Petersburg .....	46.0	45.5	45.3	87.3	87.6	85.8	55.8	58.2	58.0
Roanoke .....	8.8	8.8	8.9	18.5	18.9	18.8	20.1	20.4	20.5
<b>Washington</b> .....	144.5	147.3	147.8	287.4	289.0	290.0	308.2	315.0	315.7
Seattle–Bellevue–Everett .....	88.2	89.5	89.8	178.9	178.0	178.3	135.7	137.8	137.9
Spokane .....	11.8	12.2	12.2	18.9	18.7	19.0	31.9	32.1	32.2
Tacoma .....	12.8	13.0	13.0	19.4	20.4	20.5	37.5	37.5	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	Leisure and hospitality			Other services			Government		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Rhode Island</b> .....	46.6	43.5	46.4	21.3	22.6	22.7	67.2	67.1	66.6
Providence-Fall River-Warwick .....	47.9	45.2	47.8	22.7	23.1	23.3	70.0	70.0	69.5
<b>South Carolina</b> .....	191.0	178.6	185.1	64.2	65.9	66.8	330.1	341.2	341.0
Charleston-North Charleston .....	31.0	28.5	29.3	7.3	7.5	7.6	50.4	52.3	52.3
Columbia .....	26.4	26.6	26.8	9.1	9.4	9.6	74.3	74.4	74.5
Greenville-Spartanburg-Anderson .....	43.0	41.9	42.6	12.1	11.9	11.9	64.2	64.5	64.6
<b>South Dakota</b> .....	37.5	36.8	38.0	15.8	16.0	16.5	74.3	75.2	75.5
Rapid City .....	6.3	6.1	6.5	2.5	2.5	2.6	7.0	7.2	7.2
Sioux Falls .....	11.0	10.7	11.2	4.9	5.1	5.2	10.3	10.4	10.5
<b>Tennessee</b> .....	239.4	232.2	242.6	100.0	101.5	101.3	418.3	421.7	422.6
Chattanooga .....	18.6	18.1	18.7	10.6	10.5	10.7	35.0	35.7	35.4
Johnson City-Kingsport-Bristol .....	17.2	16.8	17.1	7.3	7.5	7.5	30.9	31.1	31.2
Knoxville .....	43.9	39.9	43.8	14.3	14.1	14.4	57.3	58.6	58.6
Memphis .....	50.7	50.5	52.1	23.0	22.5	22.7	87.9	88.2	88.2
Nashville .....	68.4	67.7	69.1	28.8	29.1	29.4	89.7	90.3	89.7
<b>Texas</b> .....	848.4	839.8	852.6	356.5	358.4	358.2	1,644.2	1,674.6	1,674.8
Abilene .....	5.8	5.9	6.0	2.8	2.8	2.8	9.5	9.6	9.6
Amarillo .....	10.4	10.6	10.8	4.9	4.7	4.7	17.8	18.5	18.4
Austin-San Marcos .....	62.4	63.7	64.5	23.6	25.0	25.1	147.1	151.1	151.4
Beaumont-Port Arthur .....	12.8	12.8	13.0	6.1	6.1	6.0	27.9	28.0	28.0
Brazoria .....	5.4	5.6	5.6	3.5	3.5	3.5	15.2	16.2	16.1
Brownsville-Harlingen-San Benito .....	11.7	12.1	11.9	3.5	3.5	3.5	26.5	26.9	26.8
Bryan-College Station .....	7.7	7.6	7.6	2.5	2.6	2.6	32.9	33.5	33.6
Corpus Christi .....	16.8	17.6	17.9	6.7	6.5	6.5	31.4	31.2	31.6
Dallas .....	171.8	164.9	167.6	73.1	71.5	71.9	231.4	240.8	239.9
El Paso .....	23.2	24.2	24.5	8.0	8.0	8.0	58.7	59.9	59.9
Ft. Worth-Arlington .....	77.1	76.8	78.4	32.1	33.2	33.2	105.3	110.0	109.9
Galveston-Texas City .....	12.4	11.3	11.5	3.6	3.6	3.6	25.9	26.1	26.1
Houston .....	172.1	174.7	176.6	84.8	85.6	85.1	284.4	289.6	289.8
Killeen-Temple .....	9.3	9.5	9.6	4.1	4.1	4.1	29.5	29.8	30.0
Laredo .....	6.7	6.8	6.9	1.7	1.7	1.7	17.7	18.0	18.0
Longview-Marshall .....	7.8	7.8	7.9	3.2	3.2	3.2	12.6	12.6	12.7
Lubbock .....	14.2	14.4	14.4	5.1	5.0	5.0	27.6	28.8	28.7
McAllen-Edinburg-Mission .....	15.8	15.7	15.8	4.6	4.5	4.4	43.9	45.1	44.9
Odessa-Midland .....	10.7	10.5	10.9	4.6	4.7	4.7	18.7	18.7	18.6
San Angelo .....	4.5	4.5	4.5	1.8	1.8	1.8	9.1	9.2	9.2
San Antonio .....	80.5	81.9	83.1	27.5	27.9	28.0	135.8	137.9	137.9
Sherman-Denison .....	3.9	3.9	3.9	1.5	1.4	1.4	6.3	6.2	6.2
Texarkana .....	4.7	4.7	4.7	2.1	2.0	2.0	11.2	11.3	11.3
Tyler .....	7.3	7.6	8.0	3.5	3.6	3.6	11.9	12.4	12.3
Victoria .....	3.3	3.2	3.2	1.6	1.6	1.6	6.9	7.0	7.0
Waco .....	8.5	9.0	9.0	4.5	4.5	4.5	16.9	17.2	17.3
Wichita Falls .....	5.7	5.7	5.8	3.2	3.2	3.2	13.7	13.4	13.4
<b>Utah</b> .....	103.2	97.7	97.7	32.7	32.3	32.3	198.9	200.6	201.4
Provo-Orem .....	11.7	11.3	11.6	3.9	4.0	4.1	23.1	23.2	23.5
Salt Lake City-Ogden .....	63.0	59.7	60.4	23.2	22.9	23.0	127.0	127.6	127.9
<b>Vermont</b> .....	30.4	34.6	30.6	9.9	10.2	10.2	52.9	54.4	54.4
Barre-Montpelier .....	2.9	3.3	3.0	1.4	1.4	1.4	8.4	8.7	8.7
Burlington .....	8.9	8.5	8.6	3.6	3.5	3.6	18.1	18.6	18.7
<b>Virginia</b> .....	301.5	300.6	311.5	177.0	179.1	179.4	641.5	645.4	651.2
Bristol .....	4.0	4.2	4.4	1.9	2.0	2.0	6.2	6.1	6.1
Charlottesville .....	8.5	8.8	8.9	4.1	4.2	4.2	24.8	26.7	26.7
Danville .....	3.4	3.2	3.3	2.0	2.1	2.1	6.5	6.9	6.9
Lynchburg .....	7.0	6.7	6.9	5.0	5.0	5.0	13.7	13.5	13.5
Norfolk-Virginia Beach-Newport News .....	76.3	73.2	76.0	28.6	29.4	29.4	149.4	149.8	149.7
Northern Virginia .....	99.8	99.5	100.8	61.9	57.8	58.2	194.2	200.3	201.9
Richmond-Petersburg .....	42.9	42.5	44.0	24.2	25.3	25.0	108.4	108.2	109.9
Roanoke .....	11.8	10.8	11.1	6.6	6.5	6.6	18.1	18.0	18.0
<b>Washington</b> .....	241.4	236.6	241.4	97.0	97.7	98.3	521.6	531.7	531.4
Seattle-Bellevue-Everett .....	117.3	114.3	116.3	48.5	48.8	49.0	201.9	203.9	203.8
Spokane .....	18.2	17.5	17.6	8.7	8.5	8.5	34.5	34.2	34.4
Tacoma .....	23.4	24.0	24.8	11.0	11.2	11.3	52.8	53.4	53.3

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			Natural resources and mining			Construction		
	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P
<b>West Virginia</b> .....	731.5	725.5	728.8	23.3	22.8	22.7	33.4	30.9	32.0
Charleston .....	134.5	133.0	133.4	(1)	(1)	(1)	8.9	8.7	8.9
Huntington-Ashland .....	120.9	122.6	122.7	(1)	(1)	(1)	5.8	7.0	7.0
Parkersburg-Marietta .....	70.0	68.7	69.3	(1)	(1)	(1)	5.3	4.0	4.3
Wheeling .....	66.9	64.5	65.0	(1)	(1)	(1)	4.0	3.5	3.6
<b>Wisconsin</b> .....	2,765.6	2,739.6	2,765.1	3.6	3.5	3.9	117.9	99.1	108.7
Appleton-Oshkosh-Neenah .....	203.6	204.9	207.2	(1)	(1)	(1)	12.0	11.5	12.7
Eau Claire .....	76.2	76.7	77.0	(1)	(1)	(1)	2.7	2.4	2.7
Green Bay .....	144.8	145.9	147.2	(1)	(1)	(1)	8.0	6.9	7.5
Janesville-Beloit .....	67.3	66.4	67.2	(1)	(1)	(1)	2.9	2.5	2.7
Kenosha .....	53.2	52.7	53.3	(1)	(1)	(1)	2.2	1.9	2.1
La Crosse .....	73.2	72.3	74.3	(1)	(1)	(1)	2.7	2.4	2.7
Madison .....	295.9	296.4	300.0	(1)	(1)	(1)	13.9	12.5	13.5
Milwaukee-Waukesha .....	840.1	824.7	831.4	.4	.4	.4	32.2	29.1	31.7
Racine .....	78.7	78.8	79.4	(1)	(1)	(1)	3.7	3.3	3.7
Sheboygan .....	61.0	61.9	62.2	(1)	(1)	(1)	2.6	2.2	2.4
Wausau .....	69.1	69.4	69.7	(1)	(1)	(1)	2.7	2.4	2.6
<b>Wyoming</b> .....	242.5	240.7	243.2	17.7	17.4	17.4	19.1	17.6	19.1
Casper .....	33.2	33.3	33.7	1.8	2.0	1.9	2.1	1.9	2.1
<b>Puerto Rico</b> .....	983.7	989.1	990.0	1.2	1.2	1.2	67.6	65.5	65.3
Caguas .....	65.1	66.3	66.8	(1)	(1)	(1)	3.4	3.2	3.2
Mayaguez .....	63.1	63.1	63.2	(1)	(1)	(1)	4.8	4.2	4.5
Ponce .....	69.5	69.8	70.4	(1)	(1)	(1)	6.4	6.1	6.1
San Juan-Bayamon .....	641.4	646.2	645.4	.6	.6	.6	46.7	45.4	45.0
<b>Virgin Islands</b> .....	44.2	42.4	42.5	(1)	(1)	(1)	3.4	1.9	1.9

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			Trade, transportation, and utilities			Information		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>West Virginia</b> .....	69.3	65.8	66.0	136.2	134.0	134.4	13.2	12.8	12.8
Charleston .....	8.6	7.9	8.0	26.5	26.2	26.1	3.5	3.4	3.5
Huntington-Ashland .....	11.4	11.1	11.0	26.2	25.8	25.8	1.6	1.5	1.5
Parkersburg-Marietta .....	10.6	10.4	10.4	13.4	13.9	13.8	1.0	.9	.9
Wheeling .....	5.2	5.1	5.1	12.5	12.0	12.2	1.2	1.1	1.1
<b>Wisconsin</b> .....	525.1	515.7	514.6	528.9	526.6	529.6	51.0	50.5	50.8
Appleton-Oshkosh-Neenah .....	52.0	51.6	51.4	36.7	36.4	36.8	3.7	3.8	3.8
Eau Claire .....	11.2	11.1	10.8	15.3	15.5	15.5	1.3	1.3	1.3
Green Bay .....	26.8	27.1	27.0	31.3	30.7	31.3	2.3	2.4	2.3
Janesville-Beloit .....	15.7	15.1	15.2	14.9	15.1	15.2	1.2	1.2	1.2
Kenosha .....	11.2	10.5	10.5	10.1	10.2	10.7	.4	.4	.4
La Crosse .....	9.5	9.6	9.5	14.9	15.1	15.6	1.5	1.5	1.5
Madison .....	26.9	29.0	28.8	48.2	47.8	48.0	6.4	6.5	6.6
Milwaukee-Waukesha .....	144.3	139.4	139.0	153.9	151.2	152.3	19.5	19.5	19.7
Racine .....	19.9	20.1	20.0	14.2	14.3	14.3	.8	.7	.7
Sheboygan .....	23.5	24.5	24.4	8.5	8.5	8.5	.6	.6	.7
Wausau .....	17.6	17.9	18.0	17.3	17.3	17.2	1.1	1.1	1.1
<b>Wyoming</b> .....	9.2	8.8	8.9	47.2	46.6	46.8	4.2	4.3	4.3
Casper .....	1.5	1.5	1.5	8.0	7.8	7.8	.5	.6	.6
<b>Puerto Rico</b> .....	117.8	118.7	118.9	173.9	171.2	170.8	20.9	21.1	21.0
Caguas .....	15.1	15.2	15.2	14.1	14.0	14.3	.5	.6	.6
Mayaguez .....	11.9	10.9	10.9	9.0	8.8	8.8	.6	.7	.6
Ponce .....	6.6	6.8	6.7	11.0	10.7	10.8	.6	.6	.6
San Juan-Bayamon .....	57.3	57.5	57.6	117.4	117.7	117.0	18.4	18.5	18.5
<b>Virgin Islands</b> .....	2.1	2.0	2.0	8.5	8.6	8.6	.9	.9	.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	Financial activities			Professional and business services			Education and health services		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>West Virginia</b> .....	30.8	31.3	31.3	56.5	58.8	59.4	106.9	108.0	108.0
Charleston .....	7.9	7.7	7.6	14.6	13.8	14.1	18.5	18.3	18.3
Huntington—Ashland .....	5.7	5.6	5.7	10.3	10.9	10.8	19.3	20.6	20.7
Parkersburg—Marietta .....	3.3	3.5	3.4	4.7	4.6	4.8	10.8	10.8	10.7
Wheeling .....	2.8	2.8	2.8	4.7	4.5	4.3	13.8	13.7	13.8
<b>Wisconsin</b> .....	152.3	153.4	155.7	239.8	235.5	239.6	355.6	363.1	362.5
Appleton—Oshkosh—Neenah .....	10.7	11.1	11.4	17.8	18.1	18.4	21.0	21.3	21.5
Eau Claire .....	3.6	3.7	3.8	6.6	6.5	6.6	11.9	12.4	12.4
Green Bay .....	10.2	10.9	10.5	12.7	13.9	14.2	17.3	17.5	17.1
Janesville—Beloit .....	1.9	1.9	1.9	4.7	4.7	4.8	8.3	8.5	8.6
Kenosha .....	1.6	1.6	1.6	3.1	3.1	3.1	7.0	7.5	7.1
La Crosse .....	3.8	3.7	3.7	6.0	5.7	6.3	12.7	13.1	13.2
Madison .....	24.3	24.8	25.0	31.9	32.8	34.5	27.8	28.7	28.7
Milwaukee—Waukesha .....	57.3	58.7	59.5	105.3	99.6	99.5	126.1	128.4	128.7
Racine .....	2.5	2.5	2.5	6.2	6.5	6.6	10.1	10.2	10.1
Sheboygan .....	2.2	2.2	2.2	3.7	3.8	3.8	6.5	6.4	6.5
Wausau .....	4.4	4.3	4.3	3.6	3.6	3.6	6.5	6.6	6.5
<b>Wyoming</b> .....	9.8	10.1	10.1	15.5	15.0	15.4	19.6	20.0	19.9
Casper .....	1.8	1.9	2.0	3.0	2.8	2.9	4.2	4.2	4.3
<b>Puerto Rico</b> .....	44.3	44.8	44.9	95.4	98.5	98.2	85.8	88.5	89.3
Caguas .....	2.0	2.0	2.0	4.0	4.8	5.1	6.6	7.2	7.2
Mayaguez .....	2.3	2.3	2.3	5.3	5.8	5.5	6.3	6.6	6.7
Ponce .....	2.3	2.4	2.4	5.6	5.8	5.9	9.6	9.5	9.7
San Juan—Bayamon .....	32.6	33.0	32.9	74.1	75.7	75.4	50.2	51.7	52.4
<b>Virgin Islands</b> .....	2.0	2.0	2.0	3.4	3.3	3.3	2.0	2.0	2.0

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	Leisure and hospitality			Other services			Government		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>West Virginia</b> .....	63.0	62.4	63.2	55.5	55.4	55.5	143.4	143.3	143.5
Charleston .....	11.2	11.2	11.3	10.4	10.7	10.6	24.4	25.1	25.0
Huntington—Ashland .....	10.7	10.6	10.9	8.0	8.1	8.0	21.9	21.4	21.3
Parkersburg—Marietta .....	6.3	6.0	6.4	4.9	4.9	4.9	9.7	9.7	9.7
Wheeling .....	6.7	6.5	6.7	5.5	5.6	5.6	10.5	9.7	9.8
<b>Wisconsin</b> .....	231.4	226.6	232.7	131.8	139.7	139.6	428.2	425.9	427.4
Appleton—Oshkosh—Neenah .....	15.4	16.0	16.5	9.9	10.3	10.1	24.4	24.8	24.6
Eau Claire .....	7.2	7.0	7.2	3.7	3.8	3.7	12.7	13.0	13.0
Green Bay .....	11.7	12.3	13.2	6.4	6.5	6.5	18.1	17.7	17.6
Janesville—Beloit .....	6.0	5.5	5.7	2.7	2.8	2.8	9.0	9.1	9.1
Kenosha .....	6.0	5.6	5.7	2.6	2.7	2.7	9.0	9.2	9.4
La Crosse .....	7.0	6.8	7.0	3.5	3.6	3.6	11.6	10.8	11.2
Madison .....	23.5	23.4	23.4	14.6	15.3	15.3	78.4	75.6	76.2
Milwaukee—Waukesha .....	63.1	59.7	61.3	41.3	41.4	41.6	96.7	97.3	97.7
Racine .....	6.1	5.8	6.0	4.7	4.8	4.7	10.5	10.6	10.8
Sheboygan .....	3.8	3.7	3.8	2.8	3.3	3.2	6.8	6.7	6.7
Wausau .....	4.9	4.8	4.9	3.1	3.3	3.3	7.9	8.1	8.2
<b>Wyoming</b> .....	27.6	27.2	27.4	9.6	9.5	9.5	63.0	64.2	64.4
Casper .....	3.0	3.1	3.1	1.7	1.7	1.7	5.6	5.8	5.8
<b>Puerto Rico</b> .....	63.6	64.1	64.6	16.6	15.8	15.7	296.6	299.7	300.1
Caguas .....	2.9	2.9	2.9	.7	.7	.6	15.8	15.7	15.7
Mayaguez .....	3.7	3.7	3.8	.7	.8	.8	18.5	19.3	19.3
Ponce .....	3.5	3.6	3.7	.8	.9	1.1	23.1	23.4	23.4
San Juan—Bayamon .....	46.7	46.7	46.8	13.0	12.9	12.6	184.4	186.5	186.6
<b>Virgin Islands</b> .....	7.2	7.0	7.1	2.3	2.1	2.1	12.4	12.6	12.6

<sup>1</sup> Natural resources and mining is combined with construction.

<sup>2</sup> Data for 2003 are not directly comparable with data for previous years because of a change in metropolitan area definitions.

<sup>P</sup> = preliminary.

NOTE: All state and area data currently reflect March 2002 benchmark levels. When more recent benchmark data are introduced with the release of January 2004 estimates,

all unadjusted data from April 2002 are subject to revision. Area definitions are published annually in the May issue of this publication. Data also reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable with the SIC-based data.

**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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Total private</b> .....		33.9	33.7	33.8	33.4	33.6	--	--	--	--	--
<b>Goods-producing</b> .....		39.9	39.8	39.7	39.3	39.8	--	--	--	--	--
<b>Natural resources and mining</b> .....		43.2	43.0	43.8	43.0	43.9	--	--	--	--	--
Logging.....	1133	38.7	37.9	39.7	38.0	--	--	--	--	--	--
Mining.....	21	43.9	43.7	44.3	43.7	--	--	--	--	--	--
Oil and gas extraction.....	211	39.5	38.2	40.8	40.1	--	--	--	--	--	--
Mining, except oil and gas.....	212	45.0	44.5	45.1	45.0	--	--	--	--	--	--
Coal mining.....	2121	45.4	45.1	47.0	46.2	--	--	--	--	--	--
Bituminous coal and lignite surface mining.....	212111	47.0	46.9	48.5	47.2	--	--	--	--	--	--
Bituminous coal underground mining and anthracite mining.....	212112,3	44.2	43.6	45.8	45.5	--	--	--	--	--	--
Metal ore mining.....	2122	42.8	42.5	43.7	44.5	--	--	--	--	--	--
Nonmetallic mineral mining and quarrying.....	2123	45.2	44.7	43.9	44.1	--	--	--	--	--	--
Stone mining and quarrying.....	21231	47.0	47.1	44.1	44.4	--	--	--	--	--	--
Crushed and broken limestone mining.....	212312	47.1	47.9	43.4	44.2	--	--	--	--	--	--
Other stone mining and quarrying.....	212311,3,9	46.8	46.1	45.0	44.7	--	--	--	--	--	--
Sand, gravel, clay, and refractory mining.....	21232	44.0	42.8	43.7	44.0	--	--	--	--	--	--
Construction sand and gravel mining.....	212321	43.5	41.8	42.8	43.8	--	--	--	--	--	--
Other nonmetallic mineral mining.....	21239	42.8	41.8	43.7	43.3	--	--	--	--	--	--
Support activities for mining.....	213	44.7	45.2	45.3	44.0	--	--	--	--	--	--
Support activities for oil and gas operations.....	213112	45.8	46.1	45.0	42.8	--	--	--	--	--	--
<b>Construction</b> .....		38.4	38.2	38.2	37.6	38.8	--	--	--	--	--
Construction of buildings.....	236	38.1	38.1	37.8	37.7	--	--	--	--	--	--
Residential building.....	2361	36.8	37.1	36.3	36.2	--	--	--	--	--	--
New single-family general contractors.....	236115	36.9	37.1	36.3	36.4	--	--	--	--	--	--
Residential remodelers.....	236118	36.1	36.4	35.5	35.3	--	--	--	--	--	--
Nonresidential building.....	2362	39.4	39.2	39.4	39.2	--	--	--	--	--	--
Industrial building.....	23621	41.5	41.1	39.8	40.6	--	--	--	--	--	--
Commercial building.....	23622	38.6	38.5	39.2	38.7	--	--	--	--	--	--
Heavy and civil engineering construction.....	237	41.9	41.4	40.7	39.0	--	--	--	--	--	--
Utility system construction.....	2371	42.2	42.0	41.2	38.9	--	--	--	--	--	--
Water and sewer system construction.....	23711	41.4	40.8	42.0	39.5	--	--	--	--	--	--
Oil and gas pipeline construction.....	23712	45.4	46.5	40.2	40.3	--	--	--	--	--	--
Power and communication system construction.....	23713	41.1	40.7	40.7	37.2	--	--	--	--	--	--
Land subdivision.....	2372	36.3	36.4	37.2	36.3	--	--	--	--	--	--
Highway, street, and bridge construction.....	2373	42.5	41.4	40.6	38.9	--	--	--	--	--	--
Other heavy construction.....	2379	43.0	42.7	41.6	40.9	--	--	--	--	--	--
Specialty trade contractors.....	238	37.8	37.5	37.8	37.2	--	--	--	--	--	--
Building foundation and exterior contractors.....	2381	35.7	35.5	36.0	34.9	--	--	--	--	--	--
Poured concrete structure contractors.....	23811	38.4	37.7	39.4	37.5	--	--	--	--	--	--
Steel and precast concrete contractors.....	23812	37.1	37.4	37.0	35.1	--	--	--	--	--	--
Framing contractors.....	23813	32.1	31.7	32.6	32.4	--	--	--	--	--	--
Masonry contractors.....	23814	34.5	35.0	35.0	33.8	--	--	--	--	--	--
Glass and glazing contractors.....	23815	38.6	39.3	38.7	38.1	--	--	--	--	--	--
Roofing contractors.....	23816	35.6	34.3	35.2	34.3	--	--	--	--	--	--
Building equipment contractors.....	2382	39.3	39.1	39.2	38.8	--	--	--	--	--	--
Electrical contractors.....	23821	39.3	39.0	39.2	38.9	--	--	--	--	--	--
Plumbing and HVAC contractors.....	23822	39.2	38.9	39.1	38.6	--	--	--	--	--	--
Other building equipment contractors.....	23829	40.3	41.0	38.7	39.4	--	--	--	--	--	--
Building finishing contractors.....	2383	36.4	36.2	36.0	35.8	--	--	--	--	--	--
Drywall and insulation contractors.....	23831	36.1	35.9	35.8	35.4	--	--	--	--	--	--
Painting and wall covering contractors.....	23832	36.1	35.6	36.1	36.5	--	--	--	--	--	--
Flooring contractors.....	23833	37.3	36.5	36.1	35.9	--	--	--	--	--	--
Tile and terrazzo contractors.....	23834	37.9	36.2	36.6	37.9	--	--	--	--	--	--
Finish carpentry contractors.....	23835	36.9	36.7	36.4	35.8	--	--	--	--	--	--
Other building finishing contractors.....	23839	36.6	38.1	35.6	33.8	--	--	--	--	--	--
Other specialty trade contractors.....	2389	38.7	38.1	39.3	38.4	--	--	--	--	--	--
Site preparation contractors.....	23891	39.5	38.6	38.8	37.7	--	--	--	--	--	--
All other specialty trade contractors.....	23899	37.8	37.5	39.9	39.1	--	--	--	--	--	--
<b>Manufacturing</b> .....		40.5	40.4	40.3	40.0	40.2	4.2	4.0	4.0	3.9	4.0
<b>Durable goods</b> .....		40.8	40.8	40.6	40.3	40.6	4.2	4.1	4.0	3.9	4.1
Wood products.....	321	39.9	39.9	39.8	39.9	40.1	3.9	3.8	3.7	3.7	--
Sawmills and wood preservation.....	3211	41.6	41.6	41.9	40.7	--	5.5	5.3	5.3	4.7	--

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<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Total private</b> .....		\$14.95	\$14.83	\$15.34	\$15.31	\$15.30	\$506.22	\$499.77	\$518.49	\$511.35	\$514.08
<b>Goods-producing</b> .....		16.33	16.17	16.59	16.66	16.72	651.60	643.57	658.62	654.74	665.46
<b>Natural resources and mining</b> .....		17.22	17.21	17.58	17.81	17.65	743.11	740.03	770.00	765.83	774.84
Logging.....	1133	14.76	14.60	15.50	15.52	--	571.18	553.34	615.35	589.76	--
Mining.....	21	17.55	17.53	17.83	18.07	--	769.75	766.06	789.87	789.66	--
Oil and gas extraction.....	211	19.27	19.67	18.98	19.26	--	760.64	751.39	774.38	772.33	--
Mining, except oil and gas.....	212	18.62	18.37	18.99	19.12	--	837.02	817.47	856.45	860.40	--
Coal mining.....	2121	20.57	20.40	20.79	20.83	--	934.46	920.04	977.13	962.35	--
Bituminous coal and lignite surface mining.....	212111	19.73	19.80	20.09	20.22	--	926.77	928.62	974.37	954.38	--
Bituminous coal underground mining and anthracite mining.....	212112,3	21.27	20.92	21.35	21.30	--	940.22	912.11	977.83	969.15	--
Metal ore mining.....	2122	20.54	20.11	21.60	21.60	--	879.11	854.68	943.92	961.20	--
Nonmetallic mineral mining and quarrying.....	2123	16.57	16.29	16.60	16.99	--	749.08	728.16	728.74	749.26	--
Stone mining and quarrying.....	21231	15.58	15.50	15.41	15.95	--	732.73	730.05	679.58	708.18	--
Crushed and broken limestone mining.....	212312	15.27	15.15	15.23	15.34	--	719.77	725.69	660.98	678.03	--
Other stone mining and quarrying.....	212311,3,9	15.99	15.97	15.64	16.82	--	749.21	736.22	703.80	751.85	--
Sand, gravel, clay, and refractory mining.....	21232	16.57	16.13	16.50	16.82	--	729.40	690.36	721.05	740.08	--
Construction sand and gravel mining.....	212321	16.85	16.37	16.66	17.01	--	733.43	684.27	713.05	745.04	--
Other nonmetallic mineral mining.....	21239	20.15	19.84	20.35	20.66	--	863.11	829.31	889.30	894.58	--
Support activities for mining.....	213	15.58	15.73	15.94	16.19	--	695.69	711.00	722.08	712.36	--
Support activities for oil and gas operations.....	213112	13.89	13.87	14.22	14.31	--	635.66	639.41	639.90	612.47	--
<b>Construction</b> .....		18.51	18.34	18.73	18.82	18.83	711.61	700.59	715.49	707.63	730.60
Construction of buildings.....	236	17.74	17.57	18.18	18.29	--	675.53	669.42	687.20	689.53	--
Residential building.....	2361	16.24	16.16	16.69	16.62	--	597.14	599.54	605.85	601.64	--
New single-family general contractors.....	236115	16.29	16.13	16.84	16.70	--	600.52	598.42	611.29	607.88	--
Residential remodelers.....	236118	16.09	16.07	16.57	16.62	--	581.17	584.95	588.24	586.69	--
Nonresidential building.....	2362	19.16	18.93	19.59	19.91	--	754.75	742.06	771.85	780.47	--
Industrial building.....	23621	18.77	18.36	19.51	20.35	--	778.66	754.60	776.50	826.21	--
Commercial building.....	23622	19.31	19.15	19.62	19.74	--	746.19	737.28	769.10	763.94	--
Heavy and civil engineering construction.....	237	18.00	17.56	18.13	18.50	--	754.29	726.98	737.89	721.50	--
Utility system construction.....	2371	17.26	16.84	17.76	17.98	--	727.51	707.28	731.71	699.42	--
Water and sewer system construction.....	23711	17.38	16.93	17.87	18.24	--	719.35	690.74	750.54	720.48	--
Oil and gas pipeline construction.....	23712	16.37	15.75	17.71	17.40	--	742.58	732.38	711.94	701.22	--
Power and communication system construction.....	23713	17.72	17.52	17.63	17.97	--	728.84	713.06	717.54	668.48	--
Land subdivision.....	2372	15.92	15.74	17.07	16.98	--	577.08	572.94	635.00	616.37	--
Highway, street, and bridge construction.....	2373	19.16	18.74	18.47	19.20	--	813.39	775.84	749.88	746.88	--
Other heavy construction.....	2379	18.13	17.70	19.14	19.10	--	780.21	755.79	796.22	781.19	--
Specialty trade contractors.....	238	18.91	18.79	19.05	19.07	--	714.56	704.63	720.09	709.40	--
Building foundation and exterior contractors.....	2381	17.78	17.74	17.74	17.80	--	634.85	629.77	638.64	621.22	--
Poured concrete structure contractors.....	23811	16.21	16.15	16.10	16.38	--	623.17	608.86	634.34	614.25	--
Steel and precast concrete contractors.....	23812	22.45	22.68	21.68	22.57	--	832.61	848.23	802.16	792.21	--
Framing contractors.....	23813	17.78	17.88	17.88	17.84	--	569.98	566.80	582.89	578.02	--
Masonry contractors.....	23814	18.65	18.27	18.47	18.27	--	643.01	639.45	646.45	617.53	--
Glass and glazing contractors.....	23815	17.76	17.57	17.80	18.24	--	684.87	690.50	688.86	694.94	--
Roofing contractors.....	23816	16.61	16.28	16.74	16.81	--	590.81	558.40	589.25	576.58	--
Building equipment contractors.....	2382	20.48	20.34	20.50	20.48	--	805.32	795.29	803.60	794.62	--
Electrical contractors.....	23821	20.75	20.53	20.76	20.73	--	816.17	800.67	813.79	806.40	--
Plumbing and HVAC contractors.....	23822	19.93	19.86	19.98	19.97	--	781.26	772.55	781.22	770.84	--
Other building equipment contractors.....	23829	22.24	22.23	22.45	22.28	--	897.34	911.43	868.82	877.83	--
Building finishing contractors.....	2383	17.72	17.59	18.35	18.34	--	645.38	636.76	660.60	656.57	--
Drywall and insulation contractors.....	23831	19.07	18.79	20.16	20.20	--	687.74	674.56	721.73	715.08	--
Painting and wall covering contractors.....	23832	16.49	16.53	16.55	16.67	--	595.61	588.47	597.46	608.46	--
Flooring contractors.....	23833	18.46	18.25	19.10	19.08	--	687.97	666.13	689.51	684.97	--
Tile and terrazzo contractors.....	23834	16.76	16.65	17.40	17.11	--	634.88	602.73	636.84	648.47	--
Finish carpentry contractors.....	23835	16.94	16.82	17.16	17.16	--	624.95	617.29	624.62	614.33	--
Other building finishing contractors.....	23839	16.53	16.26	17.07	16.94	--	605.06	619.51	607.69	572.57	--
Other specialty trade contractors.....	2389	17.42	17.17	17.38	17.66	--	674.07	654.18	683.03	678.14	--
Site preparation contractors.....	23891	17.86	17.48	18.19	18.67	--	705.34	674.73	705.77	703.86	--
All other specialty trade contractors.....	23899	16.93	16.84	16.43	16.60	--	639.89	631.50	655.56	649.06	--
<b>Manufacturing</b> .....		15.29	15.16	15.62	15.63	15.66	618.87	612.46	629.49	625.20	629.53
<b>Durable goods</b> .....		16.01	15.88	16.33	16.31	16.37	652.83	647.90	663.00	657.29	664.62
Wood products.....	321	12.33	12.18	12.51	12.50	12.64	491.98	485.98	497.90	498.75	506.86
Sawmills and wood preservation.....	3211	13.48	13.36	13.72	13.67	--	560.68	555.78	574.87	556.37	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Durable goods-Continued</b>											
Plywood and engineered wood products.....	3212	41.1	40.4	41.0	41.0	--	4.5	4.3	4.1	4.6	--
Hardwood and softwood veneer and plywood..	321211,2	41.0	40.1	41.1	39.8	--	4.1	4.3	3.7	3.5	--
Engineered wood members and trusses.....	321213,4	40.3	40.1	39.9	41.4	--	4.9	4.6	4.1	5.3	--
Other wood products.....	3219	38.8	39.0	38.4	39.2	--	3.1	3.1	2.8	2.9	--
Millwork.....	32191	39.0	39.4	38.9	40.0	--	2.9	3.0	2.3	2.7	--
Wood windows and doors.....	321911	39.5	39.2	39.8	42.1	--	2.2	1.9	2.1	3.4	--
Cut stock, resawing lumber, planing, and other millwork, including flooring .....	321912,8	38.6	39.5	38.1	38.3	--	3.6	3.9	2.4	2.1	--
Wood containers and pallets.....	32192	39.6	39.4	40.0	39.7	--	3.2	3.5	3.5	3.2	--
All other wood products.....	32199	37.8	38.2	36.8	37.6	--	3.2	2.9	3.2	3.0	--
Manufactured and mobile homes.....	321991	37.0	37.9	33.6	35.2	--	2.3	1.8	2.2	2.1	--
Nonmetallic mineral products.....	327	42.0	41.9	42.0	41.8	43.1	5.9	5.6	5.8	5.6	--
Clay products and refractories.....	3271	40.7	40.5	42.9	42.5	--	4.3	4.4	5.3	5.0	--
Pottery, ceramics, and plumbing fixtures.....	32711	39.4	39.5	41.9	41.6	--	3.9	4.2	4.9	4.9	--
Clay building material and refractories.....	32712	42.1	41.5	43.9	43.5	--	4.9	4.7	5.8	5.0	--
Glass and glass products.....	3272	41.8	41.6	42.3	41.9	--	4.8	4.6	5.0	4.5	--
Other pressed and blown glass and glassware .....	327212	39.7	38.9	41.2	41.0	--	3.5	3.1	4.6	4.5	--
Glass products made of purchased glass.....	327215	42.0	42.0	42.7	41.5	--	4.5	4.4	4.5	3.5	--
Cement and concrete products.....	3273	42.3	42.2	41.2	41.4	--	6.8	6.3	6.1	6.7	--
Ready-mix concrete.....	32732	42.7	42.6	40.4	41.4	--	7.9	7.5	6.1	6.8	--
Other cement and concrete products.....	32731,3,9	41.8	41.7	42.1	41.5	--	5.7	5.0	6.1	6.6	--
Lime, gypsum, and other nonmetallic mineral products.....	3274,9	42.5	42.7	42.8	41.9	--	6.0	6.2	6.6	4.7	--
Primary metals.....	331	42.4	42.4	42.6	42.2	42.4	5.6	5.5	5.2	5.1	--
Iron and steel mills and ferroalloy production.....	3311	43.3	43.2	43.7	43.4	--	6.4	5.9	5.8	5.5	--
Steel products from purchased steel.....	3312	42.7	42.7	42.0	42.0	--	4.9	5.0	4.7	4.9	--
Iron, steel pipe, and tube from purchase steel.....	33121	42.6	43.3	40.9	40.7	--	5.3	5.9	5.0	5.7	--
Rolling and drawing of purchased steel.....	33122	42.8	42.3	42.7	42.9	--	4.7	4.4	4.5	4.3	--
Alumina and aluminum production.....	3313	42.0	42.0	43.5	43.1	--	6.4	6.3	5.4	5.9	--
Other nonferrous metal production.....	3314	42.1	42.3	42.0	41.4	--	5.4	5.4	4.8	4.4	--
Rolled, drawn, extruded, and alloyed copper.....	33142	42.4	43.3	42.1	42.1	--	6.2	6.6	4.6	4.5	--
Nonferrous metal, except CU and AL, shaping....	33149	41.0	41.0	40.2	38.7	--	4.8	4.7	4.8	4.5	--
Foundries.....	3315	41.9	42.2	42.0	41.4	--	5.1	5.0	5.1	4.8	--
Ferrous metal foundries.....	33151	41.9	42.3	41.9	41.5	--	5.3	5.5	5.2	5.0	--
Iron foundries.....	331511	42.5	43.1	41.9	41.5	--	6.0	6.5	5.1	4.9	--
Steel foundries.....	331512,3	40.8	40.6	42.0	41.4	--	3.8	3.4	5.5	5.2	--
Nonferrous metal foundries.....	33152	41.9	42.0	42.0	41.4	--	4.8	4.4	4.9	4.5	--
Fabricated metal products.....	332	40.6	40.4	40.4	40.1	40.7	4.1	3.9	4.0	3.8	--
Forging and stamping.....	3321	41.2	41.4	41.7	40.7	--	4.2	3.9	4.7	4.3	--
Iron and steel forging.....	332111	41.5	42.3	40.8	40.0	--	4.3	4.0	5.0	4.5	--
Metal stamping.....	332116	41.5	41.8	42.6	42.0	--	4.3	4.0	5.3	5.0	--
Cutlery and hand tools.....	3322	40.2	40.3	39.6	39.4	--	3.2	3.1	2.9	2.7	--
Hand and edge tools.....	332212	40.2	40.3	38.8	38.8	--	3.2	3.0	2.7	2.4	--
Architectural and structural metals.....	3323	40.4	39.9	39.4	39.6	--	4.4	4.0	3.4	3.6	--
Plate work and fabricated structural products.....	33231	41.4	40.9	40.5	40.7	--	5.2	4.8	4.5	4.7	--
Prefabricated metal buildings and components.....	332311	39.9	38.2	36.3	38.9	--	--	--	--	--	--
Fabricated structural metal products.....	332312	41.7	41.4	41.7	41.3	--	5.6	5.4	4.9	5.0	--
Plate work.....	332313	41.7	41.6	40.5	40.6	--	5.0	4.5	4.6	4.9	--
Ornamental and architectural metal products.....	33232	39.6	39.1	38.5	38.7	--	3.7	3.4	2.6	2.8	--
Metal windows and doors.....	332321	40.8	40.4	39.4	40.1	--	4.3	4.0	3.1	3.6	--
Sheet metal work.....	332322	38.8	38.5	37.4	37.4	--	3.2	2.8	2.0	2.1	--
Ornamental and architectural metal work.....	332323	39.0	38.0	39.2	38.8	--	3.8	3.8	3.3	2.9	--
Boilers, tanks, and shipping containers.....	3324	41.2	40.7	40.6	39.9	--	5.0	4.7	4.8	4.5	--
Hardware.....	3325	42.1	42.4	40.4	39.7	--	3.6	3.9	2.9	2.2	--
Spring and wire products.....	3326	40.3	40.2	40.2	40.1	--	3.6	3.6	3.5	3.6	--
Machine shops and threaded products.....	3327	40.3	40.3	40.9	40.5	--	4.0	3.8	4.8	4.4	--
Machine shops.....	33271	40.2	40.3	40.8	40.3	--	4.2	4.0	5.0	4.6	--
Turned products and screws, nuts, and bolts.....	33272	40.4	40.2	41.2	41.0	--	3.5	3.2	4.2	3.9	--
Precision turned products.....	332721	40.4	40.4	40.8	40.6	--	3.5	3.0	4.0	3.6	--
Bolts, nuts, screws, rivets, and washers.....	332722	40.5	39.9	41.7	41.4	--	3.6	3.4	4.5	4.2	--
Coating, engraving, and heat treating metals.....	3328	40.2	39.7	40.0	39.4	--	4.2	4.1	3.9	3.0	--
Metal heat treating and coating and nonprecious engraving .....	332811,2	40.7	40.2	40.6	39.9	--	4.7	4.6	3.8	2.9	--
Electroplating, anodizing, and coloring metals..	332813	39.8	39.3	39.6	39.1	--	3.8	3.7	4.0	3.1	--
Other fabricated metal products.....	3329	41.1	41.1	41.1	40.9	--	4.0	3.9	3.8	3.7	--

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<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Durable goods-Continued</b>											
Plywood and engineered wood products.....	3212	\$12.63	\$12.60	\$12.67	\$12.61	--	\$518.36	\$509.04	\$519.47	\$517.01	--
Hardwood and softwood veneer and plywood..	321211,2	12.94	12.90	12.89	13.02	--	530.93	517.29	529.78	518.20	--
Engineered wood members and trusses.....	321213,4	11.34	11.29	11.72	11.54	--	456.53	452.73	467.63	477.76	--
Other wood products.....	3219	11.71	11.51	11.91	11.97	--	454.12	448.89	457.34	469.22	--
Millwork.....	32191	12.56	12.32	12.65	12.71	--	490.56	485.41	492.09	508.40	--
Wood windows and doors.....	321911	12.82	12.69	12.89	12.96	--	506.46	497.45	513.02	545.62	--
Cut stock, resawing lumber, planing, and other millwork, including flooring .....	321912,8	12.34	12.00	12.44	12.47	--	476.57	474.00	473.96	477.60	--
Wood containers and pallets.....	32192	10.00	9.93	10.59	10.59	--	395.90	391.24	423.60	420.42	--
All other wood products.....	32199	11.55	11.33	11.72	11.75	--	437.02	432.81	431.30	441.80	--
Manufactured and mobile homes .....	321991	11.95	11.94	12.10	12.24	--	441.68	452.53	406.56	430.85	--
Nonmetallic mineral products.....	327	15.39	15.27	15.52	15.70	\$15.73	646.74	639.81	651.84	656.26	\$677.96
Clay products and refractories.....	3271	13.82	13.84	14.25	14.36	--	562.76	560.52	611.33	610.30	--
Pottery, ceramics, and plumbing fixtures.....	32711	13.37	13.50	13.35	13.55	--	527.18	533.25	559.37	563.68	--
Clay building material and refractories.....	32712	14.27	14.19	15.12	15.13	--	601.03	588.89	663.77	658.16	--
Glass and glass products.....	3272	15.77	15.83	16.08	16.25	--	658.87	658.53	680.18	680.88	--
Other pressed and blown glass and glassware .....	327212	16.51	16.45	16.60	16.81	--	654.91	639.91	683.92	689.21	--
Glass products made of purchased glass.....	327215	13.38	13.37	14.13	14.07	--	562.31	561.54	603.35	583.91	--
Cement and concrete products.....	3273	15.72	15.52	15.72	15.96	--	665.53	654.94	647.66	660.74	--
Ready-mix concrete.....	32732	16.99	16.69	16.84	17.09	--	726.41	710.99	680.34	707.53	--
Other cement and concrete products.....	32731,3,9	14.23	14.18	14.52	14.59	--	595.21	591.31	611.29	605.49	--
Lime, gypsum, and other nonmetallic mineral products.....	3274,9	15.24	14.97	15.28	15.34	--	647.65	639.22	653.98	642.75	--
Primary metals.....	331	17.68	17.46	17.86	18.03	17.97	749.08	740.30	760.84	760.87	761.93
Iron and steel mills and ferroalloy production .....	3311	22.33	22.03	22.64	22.76	--	967.80	951.70	989.37	987.78	--
Steel products from purchased steel.....	3312	16.09	15.89	16.36	16.53	--	687.24	678.50	687.12	694.26	--
Iron, steel pipe, and tube from purchase steel.....	33121	15.13	14.94	15.22	15.47	--	644.63	646.90	622.50	629.63	--
Rolling and drawing of purchased steel .....	33122	16.77	16.60	17.13	17.24	--	717.53	702.18	731.45	739.60	--
Alumina and aluminum production .....	3313	16.47	16.38	15.72	15.99	--	691.61	687.96	683.82	689.17	--
Other nonferrous metal production .....	3314	17.76	17.56	18.47	18.61	--	747.22	742.79	775.74	770.45	--
Rolled, drawn, extruded, and alloyed copper .....	33142	17.98	17.76	18.92	18.95	--	762.51	769.01	796.53	797.80	--
Nonferrous metal, except CU and AL, shaping....	33149	16.81	16.76	17.15	17.49	--	689.90	687.16	689.43	676.86	--
Foundries.....	3315	15.91	15.74	16.19	16.34	--	667.38	664.23	679.98	676.48	--
Ferrous metal foundries.....	33151	16.98	16.67	17.64	17.79	--	712.15	705.14	739.12	738.29	--
Iron foundries.....	331511	18.39	18.06	19.20	19.29	--	781.41	778.39	804.48	800.54	--
Steel foundries.....	331512,3	13.92	13.64	14.33	14.53	--	567.31	553.78	601.86	601.54	--
Nonferrous metal foundries .....	33152	14.55	14.53	14.44	14.58	--	610.26	610.26	606.48	603.61	--
Fabricated metal products.....	332	14.68	14.57	14.97	14.96	14.94	596.44	588.63	604.79	599.90	608.06
Forging and stamping.....	3321	15.32	15.24	15.50	15.64	--	631.13	630.94	646.35	636.55	--
Iron and steel forging.....	332111	16.46	16.29	16.84	16.94	--	682.82	689.07	687.07	677.60	--
Metal stamping.....	332116	14.50	14.39	14.75	14.82	--	602.16	601.50	628.35	622.44	--
Cutlery and hand tools.....	3322	14.69	14.52	15.11	15.10	--	590.67	585.16	598.36	594.94	--
Hand and edge tools.....	332212	14.69	14.49	15.23	15.21	--	590.24	583.95	590.92	590.15	--
Architectural and structural metals.....	3323	14.21	14.06	14.44	14.45	--	573.85	560.99	568.94	572.22	--
Plate work and fabricated structural products.....	33231	14.37	14.21	14.57	14.53	--	595.44	581.19	590.09	591.37	--
Prefabricated metal buildings and components .....	332311	13.44	13.18	13.02	13.30	--	536.02	503.48	472.63	517.37	--
Fabricated structural metal products.....	332312	14.45	14.19	14.74	14.88	--	603.35	587.47	614.66	614.54	--
Plate work.....	332313	14.69	14.75	14.96	14.48	--	612.82	613.60	605.88	587.89	--
Ornamental and architectural metal products.....	33232	14.07	13.94	14.33	14.39	--	557.55	545.05	551.71	556.89	--
Metal windows and doors.....	332321	12.57	12.51	12.92	13.08	--	513.29	505.40	509.05	524.51	--
Sheet metal work.....	332322	14.95	14.77	15.25	15.30	--	580.62	568.65	570.35	572.22	--
Ornamental and architectural metal work.....	332323	15.20	15.02	15.15	15.15	--	593.01	570.76	593.88	587.82	--
Boilers, tanks, and shipping containers.....	3324	16.29	16.14	16.79	16.75	--	671.72	656.90	681.67	668.33	--
Hardware.....	3325	13.54	13.69	13.93	14.09	--	570.58	580.46	562.77	559.37	--
Spring and wire products.....	3326	13.54	13.55	13.62	13.83	--	545.53	544.71	547.52	554.58	--
Machine shops and threaded products.....	3327	15.62	15.50	15.93	15.76	--	629.29	624.65	651.54	638.28	--
Machine shops.....	33271	15.80	15.67	16.13	15.93	--	635.79	631.50	658.10	641.98	--
Turned products and screws, nuts, and bolts.....	33272	15.17	15.06	15.45	15.35	--	613.21	605.41	636.54	629.35	--
Precision turned products.....	332721	14.88	14.69	14.94	14.82	--	600.65	593.48	609.55	601.69	--
Bolts, nuts, screws, rivets, and washers .....	332722	15.46	15.43	15.98	15.89	--	625.62	615.66	666.37	657.85	--
Coating, engraving, and heat treating metals.....	3328	12.92	12.89	12.98	12.96	--	518.97	511.73	519.20	510.62	--
Metal heat treating and coating and nonprecious engraving .....	332811,2	13.21	13.12	13.24	13.16	--	536.87	527.42	537.54	525.08	--
Electroplating, anodizing, and coloring metals..	332813	12.69	12.70	12.78	12.81	--	505.03	499.11	506.09	500.87	--
Other fabricated metal products.....	3329	14.86	14.75	15.22	15.24	--	610.59	606.23	625.54	623.32	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Durable goods—Continued</b>											
Metal valves.....	33291	40.3	40.3	39.9	39.7	--	3.9	3.8	3.7	3.5	--
Fluid power valves and hose fittings.....	332912	41.5	41.3	42.3	41.4	--	3.5	3.2	4.6	4.0	--
Industrial valves and other metal valves and pipe fittings.....	332911,9	39.9	40.0	39.1	39.1	--	3.8	3.6	3.0	2.8	--
All other fabricated metal products.....	33299	41.5	41.5	41.7	41.5	--	4.0	3.9	3.9	3.9	--
Ball and roller bearings.....	332991	42.7	41.0	45.0	44.4	--	4.3	3.1	4.6	4.8	--
Small arms, ammunition, and other ordnance and accessories.....	332992,3,4,5	43.2	43.8	41.7	41.4	--	3.9	4.1	3.5	3.4	--
Miscellaneous fabricated metal products.....	332996,7,8,9	40.6	41.0	40.5	40.5	--	4.0	4.1	3.7	3.7	--
<b>Machinery.....</b>	<b>333</b>	<b>40.5</b>	<b>40.3</b>	<b>40.7</b>	<b>40.4</b>	<b>40.5</b>	<b>4.0</b>	<b>3.7</b>	<b>4.0</b>	<b>3.9</b>	<b>--</b>
Agricultural, construction, and mining machinery.....	3331	41.0	40.8	40.9	41.2	--	4.0	4.1	4.4	4.8	--
Agricultural implements.....	33311	39.9	40.5	40.1	39.8	--	3.7	4.0	4.5	4.5	--
Farm machinery and equipment.....	333111	40.4	41.0	41.1	40.0	--	4.3	4.9	4.8	4.0	--
Construction machinery.....	33312	38.2	38.2	38.0	37.9	--	3.0	3.3	2.4	2.6	--
Industrial machinery.....	3332	40.8	40.2	41.8	40.3	--	3.8	3.2	4.2	3.4	--
Commercial and service industry machinery.....	3333	40.2	39.7	40.0	39.2	--	3.2	3.2	3.4	3.2	--
Photographic and photocopying equipment.....	333315	40.3	38.2	40.5	39.2	--	2.8	2.6	3.1	2.8	--
Miscellaneous commercial and service industry machinery.....	333311,2,4,9	40.3	40.4	40.1	39.4	--	3.5	3.5	3.6	3.4	--
HVAC and commercial refrigeration equipment.....	3334	40.0	40.2	39.3	39.1	--	3.9	3.8	2.8	2.8	--
AC, refrigeration, and forced air heating.....	333415	40.0	40.2	39.4	39.3	--	4.1	4.0	2.8	2.8	--
<b>Metalworking machinery.....</b>	<b>3335</b>	<b>41.1</b>	<b>40.8</b>	<b>41.6</b>	<b>40.7</b>	<b>--</b>	<b>4.2</b>	<b>3.7</b>	<b>4.8</b>	<b>4.6</b>	<b>--</b>
Industrial molds.....	333511	41.2	41.2	42.1	41.5	--	4.5	4.8	5.9	5.2	--
Metal cutting and forming machine tools.....	333512,3	39.6	38.8	39.6	39.2	--	3.6	2.9	3.5	3.2	--
Special tools, dies, jigs, and fixtures.....	333514	41.3	40.9	42.5	41.5	--	4.2	3.3	5.2	5.1	--
Miscellaneous metalworking machinery.....	333515,6,8	41.6	41.7	41.0	39.5	--	4.4	3.8	3.8	4.1	--
Turbine and power transmission equipment.....	3336	41.3	41.0	41.6	41.6	--	4.5	4.1	4.9	4.4	--
Turbine and turbine generator set units.....	333611	41.4	41.3	42.9	43.2	--	--	--	--	--	--
Power transmission and miscellaneous engine equipment.....	333612,3,8	41.2	40.9	41.3	41.3	--	4.6	4.0	5.0	4.8	--
Other general purpose machinery.....	3339	39.9	39.6	40.2	40.2	--	3.9	3.6	3.7	3.6	--
Pumps and compressors.....	33391	41.7	41.1	40.8	40.7	--	4.4	3.9	4.2	3.6	--
Pumps and pumping equipment, including measuring and dispensing.....	333911,3	41.7	41.5	40.3	39.7	--	4.3	3.7	3.8	3.3	--
Material handling equipment.....	33392	40.1	39.6	41.1	40.7	--	4.3	3.7	4.0	3.8	--
Conveyor and conveying equipment.....	333922	41.4	40.8	40.8	41.0	--	5.1	4.0	5.3	5.3	--
All other general purpose machinery.....	33399	39.1	39.1	39.5	39.8	--	3.5	3.4	3.3	3.5	--
<b>Computer and electronic products.....</b>	<b>334</b>	<b>39.7</b>	<b>39.3</b>	<b>40.4</b>	<b>39.9</b>	<b>40.6</b>	<b>3.4</b>	<b>3.1</b>	<b>3.5</b>	<b>3.2</b>	<b>--</b>
Computer and peripheral equipment.....	3341	40.7	39.8	40.8	40.9	--	3.1	2.4	1.5	2.0	--
Other computer peripheral equipment.....	334119	41.4	40.6	41.8	42.1	--	--	--	--	--	--
Communications equipment.....	3342	38.3	38.7	39.8	39.4	--	3.2	2.7	3.8	3.5	--
Broadcast and wireless communications equipment.....	33422	39.1	38.7	40.6	40.0	--	3.3	2.5	3.6	3.5	--
Audio and video equipment.....	3343	38.3	37.6	35.1	34.2	--	--	--	--	--	--
Semiconductors and electronic components.....	3344	39.9	39.2	40.9	40.3	--	3.8	3.5	4.6	4.1	--
Bare printed circuit boards.....	334412	40.5	40.7	40.3	39.2	--	3.7	3.4	3.9	3.1	--
Semiconductors and related devices.....	334413	39.8	38.5	41.3	40.7	--	4.8	4.8	5.9	5.2	--
Printed circuit assemblies.....	334418	39.5	37.8	41.2	41.7	--	2.7	1.5	4.0	4.1	--
Miscellaneous electronic components.....	334415,6,9	39.2	39.2	40.7	39.5	--	2.7	2.2	3.8	3.2	--
Electronic instruments.....	3345	39.4	39.5	40.0	39.4	--	2.6	2.6	2.7	2.3	--
Electromedical apparatus.....	334510	38.8	37.3	41.8	40.7	--	--	--	--	--	--
Search, detection, and navigation instruments.....	334511	39.8	40.5	40.5	39.7	--	3.2	3.4	2.9	2.6	--
Industrial process variable instruments.....	334513	38.6	38.6	39.1	38.9	--	1.5	1.1	2.0	1.7	--
Electricity and signal testing instruments.....	334515	39.1	38.9	37.0	36.9	--	1.8	1.0	1.2	0.9	--
Irradiation apparatus.....	334517	43.3	43.2	43.5	43.6	--	--	--	--	--	--
Miscellaneous electronic instruments.....	334514,6,8,9	39.6	39.4	39.8	39.3	--	3.0	3.1	2.5	2.4	--
<b>Electrical equipment and appliances.....</b>	<b>335</b>	<b>40.1</b>	<b>39.9</b>	<b>40.5</b>	<b>40.1</b>	<b>40.5</b>	<b>3.1</b>	<b>2.9</b>	<b>3.1</b>	<b>2.8</b>	<b>--</b>
Electric lighting equipment.....	3351	40.7	41.2	40.8	39.9	--	3.6	3.6	3.3	2.6	--
Electric lamp bulbs and parts.....	33511	41.2	42.5	41.5	41.0	--	3.1	3.6	3.2	2.7	--
Lighting fixtures.....	33512	40.6	40.8	40.6	39.5	--	3.7	3.6	3.4	2.6	--
Household appliances.....	3352	38.8	38.7	38.7	38.5	--	1.9	1.7	1.8	1.9	--
Electrical equipment.....	3353	40.6	40.0	41.7	41.3	--	3.4	3.3	3.6	3.4	--
Motors and generators.....	335312	40.4	40.8	40.3	40.3	--	3.8	4.2	3.1	3.3	--
Switchgear and switchboard apparatus.....	335313	41.5	40.8	41.7	41.4	--	3.8	3.2	4.6	4.3	--
Relays and industrial controls.....	335314	41.0	39.4	43.3	42.1	--	2.8	2.7	2.8	2.0	--
Other electrical equipment and components.....	3359	40.3	40.3	40.3	40.1	--	3.4	3.2	3.3	3.0	--

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	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Durable goods-Continued</b>											
Metal valves.....	33291	\$14.56	\$14.54	\$14.93	\$15.01	--	\$587.37	\$585.96	\$595.71	\$595.90	--
Fluid power valves and hose fittings.....	332912	14.79	14.84	15.56	15.59	--	613.64	612.89	658.19	645.43	--
Industrial valves and other metal valves and pipe fittings.....	332911,9	14.84	14.74	15.08	15.12	--	592.61	589.60	589.63	591.19	--
All other fabricated metal products.....	33299	15.01	14.87	15.37	15.36	--	623.03	617.11	640.93	637.44	--
Ball and roller bearings.....	332991	16.25	15.90	16.24	16.52	--	693.18	651.90	730.80	733.49	--
Small arms, ammunition, and other ordnance and accessories.....	332992,3,4,5	16.74	16.55	17.09	17.28	--	723.77	724.89	712.65	715.39	--
Miscellaneous fabricated metal products.....	332996,7,8,9	14.10	14.06	14.51	14.34	--	573.02	576.46	587.66	580.77	--
Machinery.....	333	15.93	15.84	16.19	16.19	\$16.24	645.81	638.35	658.93	654.08	\$657.72
Agricultural, construction, and mining machinery.....	3331	14.51	14.75	14.48	14.58	--	595.10	601.80	592.23	600.70	--
Agricultural implements.....	33311	14.11	14.23	14.24	14.22	--	563.16	576.32	571.02	565.96	--
Farm machinery and equipment.....	333111	14.81	14.90	14.98	14.97	--	598.21	610.90	615.68	598.80	--
Construction machinery.....	33312	15.01	15.31	14.73	15.06	--	573.22	584.84	559.74	570.77	--
Industrial machinery.....	3332	16.38	16.22	16.77	16.85	--	668.53	652.04	700.99	679.06	--
Commercial and service industry machinery.....	3333	17.55	17.37	18.18	18.05	--	705.86	689.59	727.20	707.56	--
Photographic and photocopying equipment.....	333315	23.33	23.45	24.30	24.17	--	940.62	895.79	984.15	947.46	--
Miscellaneous commercial and service industry machinery.....	333311,2,4,9	15.53	15.43	16.12	16.03	--	626.22	623.37	646.41	631.58	--
HVAC and commercial refrigeration equipment.....	3334	13.71	13.69	14.05	13.94	--	547.84	550.34	552.17	545.05	--
AC, refrigeration, and forced air heating.....	333415	13.69	13.71	13.94	13.84	--	547.90	551.14	549.24	543.91	--
Metalworking machinery.....	3335	17.39	17.17	17.67	17.79	--	714.18	700.54	735.07	724.05	--
Industrial molds.....	333511	17.63	17.51	17.62	17.64	--	726.35	721.41	741.80	732.06	--
Metal cutting and forming machine tools.....	333512,3	17.14	17.02	17.49	17.76	--	678.65	660.38	692.60	696.19	--
Special tools, dies, jigs, and fixtures.....	333514	17.60	17.34	17.84	17.96	--	727.56	709.21	758.20	745.34	--
Miscellaneous metalworking machinery.....	333515,6,8	16.86	16.56	17.48	17.60	--	702.11	690.55	716.68	695.20	--
Turbine and power transmission equipment.....	3336	17.84	17.66	18.04	17.69	--	736.53	724.06	750.46	735.90	--
Turbine and turbine generator set units.....	333611	22.41	22.19	22.89	22.76	--	927.57	916.45	981.98	983.23	--
Power transmission and miscellaneous engine equipment.....	333612,3,8	16.68	16.49	16.91	16.54	--	688.09	674.44	698.38	683.10	--
Other general purpose machinery.....	3339	15.57	15.45	15.79	15.89	--	620.64	611.82	634.76	638.78	--
Pumps and compressors.....	33391	16.66	16.66	17.13	16.95	--	694.79	684.73	698.90	689.87	--
Pumps and pumping equipment, including measuring and dispensing.....	333911,3	17.23	17.30	17.51	17.33	--	718.57	717.95	705.65	688.00	--
Material handling equipment.....	33392	14.39	14.14	14.62	14.68	--	577.19	559.94	600.88	597.48	--
Conveyor and conveying equipment.....	333922	13.78	13.52	14.12	14.00	--	570.75	551.62	576.10	574.00	--
All other general purpose machinery.....	33399	15.85	15.76	15.98	16.18	--	619.93	616.22	631.21	643.96	--
Computer and electronic products.....	334	16.19	15.98	16.55	16.60	16.66	642.86	628.01	668.62	662.34	676.40
Computer and peripheral equipment.....	3341	19.64	19.63	19.93	20.06	--	799.26	781.27	813.14	820.45	--
Other computer peripheral equipment.....	334119	16.23	16.05	16.52	16.37	--	672.10	651.63	690.54	689.18	--
Communications equipment.....	3342	15.69	15.38	16.66	17.02	--	600.68	595.21	663.07	670.59	--
Broadcast and wireless communications equipment.....	33422	14.76	14.65	14.89	14.96	--	577.80	566.96	604.53	598.40	--
Audio and video equipment.....	3343	13.28	12.08	16.32	16.08	--	508.19	454.21	572.83	549.94	--
Semiconductors and electronic components.....	3344	15.32	15.10	15.25	15.25	--	610.95	591.92	623.73	614.58	--
Bare printed circuit boards.....	334412	12.90	12.80	13.30	13.44	--	522.76	520.96	535.99	526.85	--
Semiconductors and related devices.....	334413	19.03	18.88	17.89	17.62	--	756.63	726.88	738.86	717.13	--
Printed circuit assemblies.....	334418	12.13	12.27	12.32	12.50	--	478.85	463.81	507.58	521.25	--
Miscellaneous electronic components.....	334415,6,9	12.48	12.12	13.50	13.69	--	489.52	475.10	549.45	540.76	--
Electronic instruments.....	3345	16.65	16.53	17.15	17.15	--	656.53	652.94	686.00	675.71	--
Electromedical apparatus.....	334510	14.22	14.15	15.01	14.66	--	551.09	527.80	627.42	596.66	--
Search, detection, and navigation instruments.....	334511	18.37	18.14	18.88	19.06	--	731.69	734.67	764.64	756.68	--
Industrial process variable instruments.....	334513	16.66	16.52	17.20	17.18	--	643.72	637.67	672.52	668.30	--
Electricity and signal testing instruments.....	334515	19.56	19.71	18.03	18.04	--	763.90	766.72	667.11	665.68	--
Irradiation apparatus.....	334517	20.15	19.31	21.39	21.65	--	873.23	834.19	930.47	943.94	--
Miscellaneous electronic instruments.....	334514,6,8,9	16.72	16.55	17.72	17.57	--	662.68	652.07	705.26	690.50	--
Electrical equipment and appliances.....	335	13.97	13.94	14.25	14.22	14.23	560.09	556.21	577.13	570.22	576.32
Electric lighting equipment.....	3351	13.33	13.29	13.79	13.81	--	542.82	547.55	562.63	551.02	--
Electric lamp bulbs and parts.....	33511	16.77	16.39	18.16	17.83	--	691.03	696.58	753.64	731.03	--
Lighting fixtures.....	33512	12.22	12.23	12.29	12.43	--	495.47	498.98	498.97	490.99	--
Household appliances.....	3352	13.50	13.46	13.80	13.84	--	523.36	520.90	534.06	532.84	--
Electrical equipment.....	3353	14.18	14.23	14.38	14.36	--	576.46	569.20	599.65	593.07	--
Motors and generators.....	335312	12.67	12.62	12.97	12.97	--	512.44	514.90	522.69	522.69	--
Switchgear and switchboard apparatus.....	335313	15.90	15.87	15.72	15.82	--	659.75	647.50	655.52	654.95	--
Relays and industrial controls.....	335314	15.53	15.93	15.51	15.25	--	636.54	627.64	671.58	642.03	--
Other electrical equipment and components.....	3359	14.41	14.29	14.68	14.55	--	580.15	575.89	591.60	583.46	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Durable goods—Continued</b>											
Wiring devices.....	33593	39.7	39.8	39.9	39.9	--	3.2	3.1	3.2	3.2	--
Current-carrying wiring devices.....	335931	39.7	39.8	39.9	39.4	--	3.4	3.3	3.5	3.2	--
All other electrical equipment and components.....	33599	39.5	39.5	38.6	38.5	--	2.8	2.8	2.4	2.4	--
Transportation equipment.....	336	42.5	43.1	41.5	41.3	41.5	5.1	5.4	4.7	4.5	--
Motor vehicles.....	3361	43.4	43.8	42.9	42.5	--	5.5	5.5	6.1	5.3	--
Automobiles and light trucks.....	33611	43.7	44.2	43.3	42.9	--	5.7	5.6	6.5	5.7	--
Automobiles.....	336111	43.5	44.0	42.9	43.4	--	5.6	5.3	6.8	6.3	--
Light trucks and utility vehicles.....	336112	44.1	44.7	44.0	42.2	--	5.8	6.3	5.9	4.6	--
Heavy duty trucks.....	33612	41.2	40.7	39.0	38.3	--	4.3	4.1	2.7	2.4	--
Motor vehicle bodies and trailers.....	3362	40.0	40.7	39.7	39.6	--	3.4	3.5	3.5	3.2	--
Motor vehicle bodies.....	336211	40.8	41.8	39.7	39.2	--	4.0	4.1	3.9	3.4	--
Truck trailers.....	336212	39.3	38.8	39.9	39.5	--	2.9	1.5	5.0	4.6	--
Travel trailers and campers.....	336214	39.9	41.3	39.3	39.1	--	3.3	4.2	2.7	2.6	--
Motor vehicle parts.....	3363	42.8	43.7	41.4	41.4	--	5.3	6.0	4.4	4.5	--
Motor vehicle gasoline engine and parts.....	33631	42.7	42.9	41.5	41.4	--	5.2	5.8	4.6	4.4	--
Gasoline engine and engine parts.....	336312	43.4	43.6	42.1	42.1	--	5.3	6.0	4.4	4.2	--
Motor vehicle electric equipment.....	33632	41.0	42.2	39.6	39.8	--	4.6	5.2	3.5	3.6	--
Other motor vehicle electric equipment.....	336322	41.5	42.7	40.2	40.4	--	4.7	5.3	3.8	3.8	--
Motor vehicle steering and suspension parts.....	33633	46.4	48.6	44.7	44.4	--	6.3	9.1	5.1	5.1	--
Motor vehicle power train components.....	33635	47.8	48.5	46.7	46.1	--	8.1	8.8	8.1	7.1	--
Motor vehicle seating and interior trim.....	33636	39.7	41.0	37.3	36.0	--	3.4	5.0	0.9	0.5	--
Motor vehicle metal stamping.....	33637	43.0	43.8	42.7	42.2	--	5.3	6.1	5.2	5.3	--
Other motor vehicle parts.....	33639	41.1	41.8	38.9	39.8	--	4.9	4.8	3.8	4.7	--
All other motor vehicle parts.....	336399	40.8	41.7	38.3	39.1	--	4.8	4.7	3.7	4.6	--
Aerospace products and parts.....	3364	42.3	42.7	42.1	41.5	--	5.0	4.6	5.1	4.8	--
Aircraft.....	336411	41.1	42.2	40.7	39.6	--	4.4	4.3	4.6	4.1	--
Aircraft engines and engine parts.....	336412	44.1	44.0	43.5	42.9	--	6.0	5.1	6.3	5.5	--
Other aircraft parts and equipment.....	336413	42.9	42.3	43.1	43.0	--	5.6	5.1	5.6	5.7	--
Ship and boat building.....	3366	42.7	42.2	41.0	40.6	--	5.9	5.6	4.5	4.6	--
Ship building and repairing.....	336611	44.3	43.1	42.3	41.4	--	7.1	6.4	5.6	5.5	--
Boat building.....	336612	40.0	40.8	38.8	39.3	--	3.9	4.3	2.8	3.0	--
Furniture and related products.....	337	39.2	39.5	38.2	37.8	38.2	3.4	3.3	3.0	2.9	--
Household and institutional furniture.....	3371	39.2	40.0	38.2	37.8	--	3.3	3.5	3.0	2.9	--
Wood kitchen cabinets and countertops.....	33711	39.4	39.9	39.4	39.7	--	4.0	3.8	4.3	4.7	--
Other household and institutional furniture.....	33712	39.1	40.0	37.4	36.6	--	2.8	3.3	2.3	1.8	--
Upholstered household furniture.....	337121	37.9	39.0	35.6	34.8	--	1.9	2.3	1.7	1.5	--
Nonupholstered wood household furniture.....	337122	38.9	40.3	37.9	36.7	--	2.4	3.2	2.2	1.2	--
Miscellaneous household and institutional furniture.....	337124,5,7,9	41.7	41.1	40.0	39.9	--	5.5	5.3	3.6	3.7	--
Office furniture and fixtures.....	3372	39.1	38.6	38.2	37.7	--	3.7	3.1	3.0	3.0	--
Wood office furniture and custom architectural woodwork and millwork.....	337211,2	38.3	38.0	37.9	38.3	--	3.5	2.6	3.3	3.8	--
Showcases, partitions, shelving, and lockers.....	337215	39.3	38.8	38.0	36.9	--	4.0	3.7	2.8	2.7	--
Other furniture-related products.....	3379	39.2	38.5	38.8	38.6	--	3.6	2.9	2.8	2.7	--
Miscellaneous manufacturing.....	339	38.6	38.5	38.5	38.0	38.0	2.9	2.5	2.8	2.7	--
Medical equipment and supplies.....	3391	38.2	37.8	38.1	37.3	--	3.1	2.6	3.1	3.1	--
Surgical and medical instruments.....	339112	38.2	37.1	39.5	39.2	--	3.4	2.9	3.9	3.8	--
Surgical appliances and supplies.....	339113	39.2	39.3	38.1	37.1	--	2.8	2.2	3.1	3.2	--
Dental laboratories.....	339116	34.5	33.8	36.1	35.4	--	--	--	--	--	--
Other miscellaneous manufacturing.....	3399	39.0	39.1	38.8	38.5	--	2.7	2.5	2.5	2.3	--
Jewelry and silverware.....	33991	37.6	38.1	36.2	36.4	--	2.0	1.8	1.7	1.3	--
Sporting and athletic goods.....	33992	39.5	40.6	40.6	41.2	--	2.7	3.2	3.5	3.6	--
Office supplies, except paper.....	33994	38.7	38.1	36.4	36.8	--	1.4	1.0	0.9	1.3	--
Signs.....	33995	39.4	39.0	39.5	39.2	--	3.3	3.0	3.3	3.3	--
All other miscellaneous manufacturing.....	33999	39.1	39.0	38.7	37.8	--	2.8	2.6	2.0	1.7	--
<b>Nondurable goods.....</b>		40.1	39.9	39.9	39.5	39.5	4.2	4.0	4.0	3.9	3.9
Food manufacturing.....	311	39.6	39.1	39.1	38.8	39.0	4.6	4.1	4.0	3.9	--
Animal food.....	3111	41.8	41.2	42.6	42.3	--	5.2	4.8	6.2	6.1	--
Grain and oilseed milling.....	3112	44.2	43.2	43.9	43.3	--	6.8	6.4	6.3	6.1	--
Flour milling, malt, starch, and vegetable oil.....	31121,2	43.9	43.1	42.9	42.7	--	6.1	5.8	5.9	5.8	--
Sugar and confectionery products.....	3113	39.6	39.0	39.1	38.1	--	4.3	3.6	3.6	3.5	--
Sugar.....	31131	42.3	41.7	42.7	39.7	--	5.2	4.0	6.0	5.8	--
Chocolate confectioneries.....	31132,3	38.2	37.4	37.6	37.4	--	--	--	--	--	--
Fruit and vegetable preserving and specialty.....	3114	40.1	39.3	40.6	40.6	--	5.6	4.6	4.1	4.4	--
Frozen food.....	31141	39.9	40.0	40.7	41.0	--	5.8	5.1	4.2	4.8	--
Frozen fruits and vegetables.....	311411	36.9	37.0	37.7	38.1	--	4.9	4.8	3.8	4.4	--

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	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Durable goods—Continued</b>											
Wiring devices.....	33593	\$13.46	\$13.42	\$13.62	\$13.65	--	\$535.01	\$534.12	\$543.44	\$544.64	--
Current-carrying wiring devices.....	335931	13.48	13.46	13.60	13.63	--	535.66	535.71	542.64	537.02	--
All other electrical equipment and components.....	33599	13.38	12.99	13.77	13.56	--	528.66	513.11	531.52	522.06	--
Transportation equipment.....	336	20.64	20.43	21.07	20.95	\$21.11	877.84	880.53	874.41	865.24	\$876.07
Motor vehicles.....	3361	27.27	26.92	27.96	27.83	--	1,183.63	1,179.10	1,199.48	1,182.78	--
Automobiles and light trucks.....	33611	27.80	27.43	28.39	28.33	--	1,215.36	1,212.41	1,229.29	1,215.36	--
Automobiles.....	336111	28.23	27.84	29.24	29.21	--	1,228.59	1,224.96	1,254.40	1,267.71	--
Light trucks and utility vehicles.....	336112	26.97	26.66	26.95	26.82	--	1,189.56	1,191.70	1,185.80	1,131.80	--
Heavy duty trucks.....	33612	22.97	22.77	23.84	22.99	--	945.99	926.74	929.76	880.52	--
Motor vehicle bodies and trailers.....	3362	15.61	15.54	15.77	15.60	--	624.83	632.48	626.07	617.76	--
Motor vehicle bodies.....	336211	18.14	18.08	18.80	18.91	--	739.94	755.74	746.36	741.27	--
Truck trailers.....	336212	13.18	13.12	13.27	13.26	--	517.88	509.06	529.47	523.77	--
Travel trailers and campers.....	336214	13.33	13.06	13.48	13.22	--	531.98	539.38	529.76	516.90	--
Motor vehicle parts.....	3363	19.79	19.53	20.26	20.20	--	847.62	853.46	838.76	836.28	--
Motor vehicle gasoline engine and parts.....	33631	21.42	20.99	21.93	21.85	--	914.25	900.47	910.10	904.59	--
Gasoline engine and engine parts.....	336312	22.32	21.86	22.75	22.58	--	968.63	953.10	957.78	950.62	--
Motor vehicle electric equipment.....	33632	16.77	16.59	17.50	17.53	--	688.13	700.10	693.00	697.69	--
Other motor vehicle electric equipment.....	336322	16.73	16.46	17.81	17.88	--	693.60	702.84	715.96	722.35	--
Motor vehicle steering and suspension parts.....	33633	24.54	24.53	25.25	25.21	--	1,137.66	1,192.16	1,128.68	1,119.32	--
Motor vehicle power train components.....	33635	25.12	24.57	25.73	25.41	--	1,201.96	1,191.65	1,201.59	1,171.40	--
Motor vehicle seating and interior trim.....	33636	15.02	15.20	14.93	15.08	--	595.74	623.20	556.89	542.88	--
Motor vehicle metal stamping.....	33637	22.04	21.94	22.62	22.36	--	947.31	960.97	965.87	943.59	--
Other motor vehicle parts.....	33639	16.15	15.82	16.40	16.50	--	663.80	661.28	637.96	656.70	--
All other motor vehicle parts.....	336399	16.21	15.84	16.45	16.54	--	661.95	660.53	630.04	646.71	--
Aerospace products and parts.....	3364	22.06	21.88	22.40	22.29	--	933.89	934.28	943.04	925.04	--
Aircraft.....	336411	24.95	25.16	24.71	24.57	--	1,024.97	1,061.75	1,005.70	972.97	--
Aircraft engines and engine parts.....	336412	21.95	21.38	22.99	22.90	--	968.06	940.72	1,000.07	982.41	--
Other aircraft parts and equipment.....	336413	17.68	17.34	18.21	18.24	--	757.49	733.48	784.85	784.32	--
Ship and boat building.....	3366	15.72	15.78	15.74	15.75	--	671.32	665.92	645.34	639.45	--
Ship building and repairing.....	336611	17.02	17.21	17.07	17.04	--	754.39	741.75	722.06	705.46	--
Boat building.....	336612	13.26	13.26	13.34	13.50	--	529.97	541.01	517.59	530.55	--
Furniture and related products.....	337	12.62	12.44	12.93	12.93	12.95	494.14	491.38	493.93	488.75	494.69
Household and institutional furniture.....	3371	12.29	12.12	12.55	12.62	--	481.54	484.80	479.41	477.04	--
Wood kitchen cabinets and countertops.....	33711	12.88	12.72	13.03	13.19	--	507.95	507.53	513.38	523.64	--
Other household and institutional furniture.....	33712	11.94	11.79	12.25	12.24	--	466.51	471.60	458.15	447.98	--
Upholstered household furniture.....	337121	12.68	12.52	13.02	13.04	--	481.05	488.28	463.51	453.79	--
Nonupholstered wood household furniture.....	337122	11.33	11.20	11.59	11.49	--	440.29	451.36	439.26	421.68	--
Miscellaneous household and institutional furniture.....	337124,5,7,9	11.93	11.75	12.24	12.38	--	497.19	482.93	489.60	493.96	--
Office furniture and fixtures.....	3372	13.60	13.37	14.12	14.05	--	531.50	516.08	539.38	529.69	--
Wood office furniture and custom architectural woodwork and millwork.....	337211,2	14.20	13.65	15.13	15.22	--	543.06	518.70	573.43	582.93	--
Showcases, partitions, shelving, and lockers.....	337215	12.65	12.59	12.91	12.97	--	497.28	488.49	490.58	478.59	--
Other furniture-related products.....	3379	12.66	12.64	12.85	12.63	--	495.89	486.64	498.58	487.52	--
Miscellaneous manufacturing.....	339	12.91	12.77	13.22	13.19	13.22	499.09	491.65	508.97	501.22	502.36
Medical equipment and supplies.....	3391	13.65	13.53	13.82	13.85	--	521.45	511.43	526.54	516.61	--
Surgical and medical instruments.....	339112	13.55	13.40	13.71	13.68	--	517.77	497.14	541.55	536.26	--
Surgical appliances and supplies.....	339113	13.54	13.46	13.58	13.80	--	530.91	528.98	517.40	511.98	--
Dental laboratories.....	339116	13.98	13.81	14.37	14.17	--	483.06	466.78	518.76	501.62	--
Other miscellaneous manufacturing.....	3399	12.37	12.21	12.76	12.70	--	482.19	477.41	495.09	488.95	--
Jewelry and silverware.....	33991	12.32	12.15	12.45	12.42	--	462.81	462.92	450.69	452.09	--
Sporting and athletic goods.....	33992	11.36	11.22	11.75	11.70	--	448.59	455.53	477.05	482.04	--
Office supplies, except paper.....	33994	11.54	11.51	11.66	11.49	--	446.52	438.53	424.42	422.83	--
Signs.....	33995	13.69	13.40	14.53	14.35	--	539.60	522.60	573.94	562.52	--
All other miscellaneous manufacturing.....	33999	12.46	12.36	12.84	12.82	--	487.32	482.04	496.91	484.60	--
<b>Nondurable goods.....</b>		14.15	14.03	14.53	14.56	14.54	567.11	559.80	579.75	575.12	574.33
Food manufacturing.....	311	12.54	12.39	12.70	12.72	12.71	496.78	484.45	496.57	493.54	495.69
Animal food.....	3111	13.80	13.62	13.80	13.96	--	576.47	561.14	587.88	590.51	--
Grain and oilseed milling.....	3112	18.14	18.11	18.41	18.56	--	802.25	782.35	808.20	803.65	--
Flour milling, malt, starch, and vegetable oil.....	31121,2	15.25	15.26	15.54	15.66	--	669.59	657.71	666.67	668.68	--
Sugar and confectionery products.....	3113	15.08	15.10	15.60	15.38	--	596.85	588.90	609.96	585.98	--
Sugar.....	31131	15.67	15.92	16.42	16.14	--	662.33	663.86	701.13	640.76	--
Chocolate confectioneries.....	31132,3	15.07	15.10	15.47	15.27	--	575.70	564.74	581.67	571.10	--
Fruit and vegetable preserving and specialty.....	3114	12.83	12.58	12.88	12.95	--	514.05	494.39	522.93	525.77	--
Frozen food.....	31141	11.90	11.74	11.54	11.57	--	475.47	469.60	469.68	474.37	--
Frozen fruits and vegetables.....	311411	12.43	12.27	13.02	13.05	--	458.79	453.99	490.85	497.21	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Nondurable goods-Continued</b>											
Frozen specialty food.....	311412	42.1	42.2	42.4	42.7	--	6.4	5.3	4.4	5.1	--
Fruit and vegetable canning and drying.....	31142	40.2	38.6	40.6	40.1	--	5.3	4.0	3.9	4.0	--
Fruit and vegetable canning.....	311421	39.8	38.3	40.5	40.0	--	5.2	4.0	3.9	4.1	--
Dried and dehydrated food.....	311423	40.2	40.2	41.9	41.6	--	--	--	--	--	--
Dairy products.....	3115	40.4	40.1	41.0	41.3	--	4.9	4.6	4.6	4.9	--
Dairy products, except frozen.....	31151	40.8	40.5	41.2	41.5	--	4.6	4.3	4.5	4.8	--
Fluid milk.....	311511	41.0	41.2	41.1	40.7	--	4.6	4.3	4.1	4.1	--
Animal slaughtering and processing.....	3116	40.5	39.9	39.6	39.0	--	4.4	3.8	3.8	3.3	--
Animal, except poultry, slaughtering.....	311611	41.6	41.0	40.3	38.5	--	5.1	4.5	4.6	3.5	--
Meat processed from carcasses, and rendering and meat byproduct processing .....	311612,3	41.4	41.1	40.3	40.4	--	5.2	4.3	4.8	4.4	--
Poultry processing.....	311615	39.4	38.7	38.9	38.6	--	3.5	3.2	2.8	2.7	--
Seafood product preparation and packaging.....	3117	35.0	34.7	35.6	34.7	--	3.2	2.3	3.8	3.3	--
Bakeries and tortilla manufacturing.....	3118	36.8	36.9	35.7	35.8	--	4.1	3.8	3.3	3.3	--
Bread and bakery products .....	31181	35.7	35.8	34.4	34.8	--	4.0	3.6	3.0	3.2	--
Retail bakeries.....	311811	28.0	27.8	26.1	26.7	--	--	--	--	--	--
Commercial bakeries and frozen cakes and other pastry products.....	311812,3	40.3	40.4	39.5	39.8	--	4.8	4.3	4.5	4.8	--
Cookies, crackers, pasta, and tortillas.....	31182,3	39.6	39.8	39.0	38.4	--	4.5	4.3	4.0	3.7	--
Other food products.....	3119	39.4	38.7	38.1	38.4	--	5.0	4.2	4.7	5.0	--
Snack food.....	31191	39.3	38.2	37.1	37.3	--	4.9	4.3	4.6	4.8	--
Miscellaneous food products.....	31192,3,4,9	39.5	38.9	38.6	39.0	--	5.0	4.1	4.7	5.1	--
Beverages and tobacco products.....	312	39.4	39.0	38.8	39.3	39.3	4.8	4.9	3.6	3.7	--
Beverages.....	3121	39.3	38.9	39.2	39.6	--	5.3	5.4	4.2	4.1	--
Soft drinks and ice.....	31211	40.3	39.3	39.4	39.3	--	5.5	5.7	4.6	4.4	--
Soft drinks.....	312111	40.2	39.1	42.1	41.9	--	5.0	5.3	3.9	3.7	--
Breweries, wineries, and distilleries.....	31212,3,4	37.6	38.2	38.9	40.1	--	4.9	4.8	3.4	3.6	--
Textile mills.....	313	40.7	41.7	39.7	39.4	38.8	4.2	4.5	4.0	3.8	--
Fiber, yarn, and thread mills.....	3131	40.0	41.1	38.9	39.2	--	4.0	4.5	3.1	2.8	--
Fabric mills.....	3132	41.5	42.5	40.2	40.0	--	4.6	4.8	4.0	3.9	--
Broadwoven fabric mills.....	31321	41.2	41.5	40.6	39.9	--	4.7	4.9	4.5	4.0	--
Textile and fabric finishing mills.....	3133	39.6	40.9	39.6	38.6	--	3.9	3.9	4.7	4.6	--
Broadwoven fabric finishing mills.....	313311	41.4	42.5	41.6	40.5	--	4.9	4.9	6.0	5.8	--
Textile product mills.....	314	39.2	39.6	39.3	38.7	38.6	3.4	3.5	3.2	2.8	--
Textile furnishings mills.....	3141	39.6	40.0	39.4	38.5	--	3.1	3.3	3.0	2.3	--
Curtain and linen mills.....	31412	38.3	39.0	38.3	36.7	--	3.0	2.5	3.0	3.0	--
Other textile product mills.....	3149	38.5	38.9	39.1	39.0	--	3.7	3.9	3.5	3.6	--
Textile bag and canvas mills.....	31491	39.3	37.6	41.0	40.1	--	3.8	2.5	4.5	3.9	--
All other textile product mills.....	31499	38.1	39.6	38.1	38.4	--	3.6	4.6	2.9	3.5	--
Apparel.....	315	36.7	36.5	36.0	35.5	35.5	2.3	2.2	2.0	1.7	--
Apparel knitting mills.....	3151	37.9	37.6	37.5	36.8	--	2.5	1.9	2.0	1.8	--
Hosiery and sock mills.....	31511	38.0	37.1	38.1	37.4	--	2.6	1.9	1.9	1.8	--
Sheer hosiery mills.....	315111	38.7	35.6	37.6	37.3	--	--	--	--	--	--
Other hosiery and sock mills.....	315119	37.6	37.9	38.4	37.4	--	2.4	1.9	1.9	1.7	--
Cut and sew apparel.....	3152	36.4	36.2	35.6	35.1	--	2.3	2.3	2.0	1.7	--
Cut and sew apparel contractors.....	31521	35.9	36.4	34.8	34.7	--	2.0	2.4	1.7	1.4	--
Men's cut and sew apparel contractors .....	315211	35.8	35.9	34.3	33.3	--	1.8	1.9	1.9	1.5	--
Women's cut and sew apparel contractors.....	315212	36.0	36.6	34.9	35.1	--	2.0	2.5	1.6	1.4	--
Men's cut and sew apparel.....	31522	36.8	35.6	35.6	34.2	--	1.4	1.3	1.3	0.8	--
Women's cut and sew apparel.....	31523	36.7	36.4	37.3	37.2	--	3.8	3.2	3.7	3.4	--
Accessories and other apparel.....	3159	37.0	37.1	37.9	37.4	--	2.1	1.8	2.3	1.5	--
Leather and allied products.....	316	37.5	37.5	39.9	39.8	39.1	2.9	3.2	2.7	3.1	--
Footwear.....	3162	37.7	37.4	40.5	39.6	--	--	--	--	--	--
Leather and hide tanning and finishing and other leather products .....	3161,9	37.4	37.5	39.4	40.0	--	3.5	3.9	3.1	4.2	--
Paper and paper products.....	322	41.9	41.7	41.6	41.3	41.1	5.1	4.7	4.9	4.9	--
Pulp, paper, and paperboard mills.....	3221	43.1	43.1	43.1	42.8	--	6.4	6.2	6.3	6.4	--
Pulp mills and paper mills.....	32211,2	43.4	43.7	42.6	42.2	--	6.3	6.0	6.0	6.0	--
Paperboard mills.....	32213	42.0	41.4	44.6	44.8	--	7.0	6.9	7.1	7.5	--
Converted paper products.....	3222	41.3	41.0	40.9	40.6	--	4.5	4.0	4.3	4.2	--
Paperboard containers.....	32221	41.6	41.4	41.5	40.6	--	4.7	4.1	4.4	4.3	--
Corrugated and solid fiber boxes.....	322211	42.0	41.8	41.7	40.7	--	4.9	4.2	4.5	4.5	--
Folding paperboard boxes.....	322212	41.9	41.5	41.1	40.8	--	5.7	5.2	5.0	4.8	--
Miscellaneous paperboard containers.....	322213,4,5	39.9	39.8	41.3	40.1	--	3.2	2.7	3.3	3.0	--
Paper bags and coated and treated paper.....	32222	40.8	40.2	40.3	40.2	--	4.2	3.7	4.2	4.2	--
Coated and laminated package materials and paper.....	322221,2	40.5	40.1	40.9	40.6	--	4.0	3.3	4.7	4.8	--

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	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Nondurable goods-Continued</b>											
Frozen specialty food.....	311412	\$11.58	\$11.39	\$10.81	\$10.81	--	\$487.19	\$480.66	\$458.34	\$461.59	--
Fruit and vegetable canning and drying.....	31142	13.79	13.62	14.31	14.46	--	554.18	525.73	580.99	579.85	--
Fruit and vegetable canning.....	311421	13.39	13.32	14.06	14.23	--	532.53	510.16	569.43	569.20	--
Dried and dehydrated food.....	311423	12.74	12.40	13.61	13.61	--	512.51	498.48	570.26	566.18	--
Dairy products.....	3115	15.83	15.72	16.05	16.10	--	639.48	630.37	658.05	664.93	--
Dairy products, except frozen.....	31151	15.98	15.83	16.13	16.17	--	652.19	641.12	664.56	671.06	--
Fluid milk.....	311511	17.47	17.14	17.38	17.43	--	715.79	706.17	714.32	709.40	--
Animal slaughtering and processing.....	3116	10.91	10.70	11.13	11.11	--	441.95	426.93	440.75	433.29	--
Animal, except poultry, slaughtering.....	311611	11.35	11.20	11.69	11.61	--	472.06	459.20	471.11	446.99	--
Meat processed from carcasses, and rendering and meat byproduct processing.....	311612,3	12.00	11.73	12.18	12.22	--	496.99	482.10	490.85	493.69	--
Poultry processing.....	311615	10.13	9.91	10.25	10.25	--	399.19	383.52	398.73	395.65	--
Seafood product preparation and packaging.....	3117	9.70	9.62	9.94	10.05	--	339.73	333.81	353.86	348.74	--
Bakeries and tortilla manufacturing.....	3118	12.30	12.20	12.46	12.57	--	452.78	450.18	444.82	450.01	--
Bread and bakery products.....	31181	12.05	11.97	12.29	12.44	--	430.64	428.53	422.78	432.91	--
Retail bakeries.....	311811	8.92	9.08	9.26	9.38	--	250.01	252.42	241.69	250.45	--
Commercial bakeries and frozen cakes and other pastry products.....	311812,3	13.32	13.11	13.52	13.69	--	536.02	529.64	534.04	544.86	--
Cookies, crackers, pasta, and tortillas.....	31182,3	12.89	12.75	12.87	12.86	--	509.88	507.45	501.93	493.82	--
Other food products.....	3119	12.77	12.70	12.73	12.63	--	503.39	491.49	485.01	484.99	--
Snack food.....	31191	11.80	11.68	11.43	11.40	--	463.22	446.18	424.05	425.22	--
Miscellaneous food products.....	31192,3,4,9	13.25	13.20	13.44	13.29	--	523.66	513.48	518.78	518.31	--
Beverages and tobacco products.....	312	17.68	17.76	17.69	17.79	\$18.10	697.09	692.64	686.37	699.15	\$711.33
Beverages.....	3121	17.38	17.42	17.05	16.92	--	683.53	677.64	668.36	670.03	--
Soft drinks and ice.....	31211	15.01	14.98	14.76	14.65	--	605.29	588.71	581.54	575.75	--
Soft drinks.....	312111	15.39	15.22	15.10	14.93	--	618.29	595.10	635.71	625.57	--
Breweries, wineries, and distilleries.....	31212,3,4	21.75	21.88	21.29	21.06	--	818.02	835.82	828.18	844.51	--
Textile mills.....	313	11.73	11.67	11.92	11.94	11.94	476.70	486.64	473.22	470.44	463.27
Fiber, yarn, and thread mills.....	3131	11.26	11.12	11.33	11.31	--	450.35	457.03	440.74	443.35	--
Fabric mills.....	3132	11.97	11.93	12.19	12.20	--	496.54	507.03	490.04	488.00	--
Broadwoven fabric mills.....	31321	12.01	11.97	12.11	12.07	--	494.32	496.76	491.67	481.59	--
Textile and fabric finishing mills.....	3133	11.65	11.64	11.91	11.99	--	461.86	476.08	471.64	462.81	--
Broadwoven fabric finishing mills.....	313311	11.66	11.66	11.93	11.87	--	482.77	495.55	496.29	480.74	--
Textile product mills.....	314	10.96	10.86	10.98	11.14	11.08	429.49	430.06	431.51	431.12	427.69
Textile furnishings mills.....	3141	11.21	11.10	11.17	11.31	--	443.56	444.00	440.10	435.44	--
Curtain and linen mills.....	31412	10.54	10.58	10.49	10.57	--	403.41	412.62	401.77	387.92	--
Other textile product mills.....	3149	10.53	10.45	10.67	10.88	--	405.76	406.51	417.20	424.32	--
Textile bag and canvas mills.....	31491	10.34	10.02	10.98	11.05	--	405.87	376.75	450.18	443.11	--
All other textile product mills.....	31499	10.64	10.67	10.49	10.78	--	405.91	422.53	399.67	413.95	--
Apparel.....	315	9.10	9.05	9.45	9.47	9.47	333.77	330.33	340.20	336.19	336.19
Apparel knitting mills.....	3151	10.08	9.98	10.44	10.41	--	382.30	375.25	391.50	383.09	--
Hosiery and sock mills.....	31511	10.21	10.08	10.42	10.39	--	388.00	373.97	397.00	388.59	--
Sheer hosiery mills.....	315111	9.84	9.66	10.18	10.25	--	380.22	343.90	382.77	382.33	--
Other hosiery and sock mills.....	315119	10.42	10.29	10.56	10.47	--	392.17	389.99	405.50	391.58	--
Cut and sew apparel.....	3152	8.89	8.85	9.25	9.28	--	323.82	320.37	329.30	325.73	--
Cut and sew apparel contractors.....	31521	8.28	8.25	8.71	8.74	--	297.47	300.30	303.11	303.28	--
Men's cut and sew apparel contractors.....	315211	9.04	9.17	9.15	9.47	--	323.90	329.20	313.85	315.35	--
Women's cut and sew apparel contractors.....	315212	8.04	7.97	8.58	8.53	--	288.87	291.70	299.44	299.40	--
Men's cut and sew apparel.....	31522	8.99	9.06	9.36	9.33	--	331.06	322.54	333.22	319.09	--
Women's cut and sew apparel.....	31523	9.73	9.70	9.82	9.94	--	357.09	353.08	366.29	369.77	--
Accessories and other apparel.....	3159	9.41	9.40	9.58	9.51	--	348.00	348.74	363.08	355.67	--
Leather and allied products.....	316	11.01	10.96	11.62	11.76	11.72	413.05	411.00	463.64	468.05	458.25
Footwear.....	3162	10.25	10.18	10.80	10.95	--	386.28	380.73	437.40	433.62	--
Leather and hide tanning and finishing and other leather products.....	3161,9	11.62	11.62	12.26	12.37	--	434.70	435.75	483.04	494.80	--
Paper and paper products.....	322	16.89	16.70	17.22	17.39	17.37	707.36	696.39	716.35	718.21	713.91
Pulp, paper, and paperboard mills.....	3221	21.96	21.72	22.18	22.48	--	946.20	936.13	955.96	962.14	--
Pulp mills and paper mills.....	32211,2	21.98	21.76	22.21	22.63	--	954.65	950.91	946.15	954.99	--
Paperboard mills.....	32213	21.91	21.59	22.10	22.03	--	920.93	893.83	985.66	986.94	--
Converted paper products.....	3222	14.53	14.34	14.80	14.90	--	600.13	587.94	605.32	604.94	--
Paperboard containers.....	32221	14.44	14.25	14.64	14.78	--	600.41	589.95	607.56	600.07	--
Corrugated and solid fiber boxes.....	322211	14.67	14.50	14.52	14.80	--	615.84	606.10	605.48	602.36	--
Folding paperboard boxes.....	322212	15.37	15.03	16.30	15.86	--	644.57	623.75	669.93	647.09	--
Miscellaneous paperboard containers.....	322213,4,5	12.60	12.46	13.13	13.45	--	502.87	495.91	542.27	539.35	--
Paper bags and coated and treated paper.....	32222	14.82	14.44	15.42	15.50	--	605.16	580.49	621.43	623.10	--
Coated and laminated package materials and paper.....	322221,2	15.95	15.48	16.41	16.46	--	645.25	620.75	671.17	668.28	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Nondurable goods-Continued</b>											
Miscellaneous coated and treated paper and paper bags .....	322223,4,5,6	41.4	40.4	39.4	39.4	--	4.6	4.2	3.4	3.1	--
Stationery products .....	32223	40.2	39.2	37.6	38.8	--	3.5	2.4	2.8	2.7	--
Other converted paper products .....	32229	41.8	41.9	41.9	42.2	--	5.0	5.1	5.0	5.2	--
Printing and related support activities .....	323	38.4	38.4	38.6	37.8	37.6	3.4	3.2	3.3	2.9	--
Commercial lithograph printing .....	323110	39.0	38.8	39.2	38.4	--	3.9	3.7	4.1	3.8	--
Commercial flexographic printing .....	323112	39.3	38.9	39.5	37.4	--	3.3	3.0	2.4	1.9	--
Commercial screen printing .....	323113	37.8	38.1	37.9	38.3	--	3.7	3.8	3.9	4.0	--
Quick printing .....	323114	36.9	37.2	36.5	35.0	--	2.3	2.6	1.7	1.3	--
Manifold business forms printing .....	323116	37.3	36.6	38.8	37.8	--	--	--	--	--	--
Miscellaneous commercial printing .....	323115,7,8,9	38.6	38.5	37.9	37.4	--	3.1	2.7	3.1	2.8	--
Support activities for printing .....	32312	38.2	38.6	38.1	38.2	--	2.9	2.8	2.4	2.3	--
Petroleum and coal products .....	324	43.0	41.8	45.9	44.0	43.1	7.0	6.4	9.9	8.6	--
Petroleum refineries .....	32411	44.1	42.9	48.6	46.3	--	7.6	7.3	11.3	9.6	--
Asphalt paving and roofing materials and other petroleum and coal products .....	32412,9	41.4	40.2	41.8	40.5	--	6.1	5.0	7.7	7.0	--
Chemicals .....	325	42.3	41.8	42.6	42.1	41.8	4.7	4.4	4.8	4.9	--
Basic chemicals .....	3251	44.9	44.0	44.9	44.6	--	6.6	6.2	6.4	7.4	--
Other basic inorganic chemicals .....	32518	43.7	43.3	43.8	43.3	--	6.0	5.7	6.4	6.2	--
Resin, rubber, and artificial fibers .....	3252	41.5	41.3	41.2	41.6	--	5.2	4.7	4.9	4.9	--
Resin and synthetic rubber .....	32521	41.9	41.7	41.9	42.3	--	5.4	4.8	5.2	5.5	--
Plastics material and resin .....	325211	42.4	42.3	42.1	42.3	--	5.6	5.0	5.0	5.3	--
Agricultural chemicals .....	3253	44.7	45.3	48.2	47.8	--	2.9	3.2	8.6	8.7	--
Pharmaceuticals and medicines .....	3254	42.9	42.4	44.0	43.0	--	4.8	4.5	4.2	3.8	--
Pharmaceutical preparations .....	325412	43.5	43.0	45.7	44.4	--	4.9	4.6	4.3	3.8	--
Miscellaneous medicinal and biological products .....	325411,3,4	40.9	40.5	38.1	38.1	--	4.4	4.0	3.7	4.0	--
Paints, coatings, and adhesives .....	3255	41.2	40.7	40.8	41.0	--	3.7	3.6	3.8	4.0	--
Paints and coatings .....	32551	41.5	41.2	40.3	40.1	--	4.4	4.3	3.5	3.5	--
Soaps, cleaning compounds, and toiletries .....	3256	39.7	39.5	39.7	38.5	--	3.2	2.9	3.0	2.6	--
Soaps and cleaning compounds .....	32561	38.6	39.4	38.3	37.3	--	3.1	3.5	3.0	2.3	--
Polishes and other sanitation goods and surface active agents .....	325612,3	37.5	38.4	37.8	36.6	--	3.1	3.4	3.0	1.9	--
Toilet preparations .....	32562	40.9	39.5	41.3	39.8	--	3.2	2.3	3.1	3.0	--
Other chemical products and preparations .....	3259	40.6	39.9	40.4	40.0	--	4.2	3.7	4.5	4.3	--
Plastics and rubber products .....	326	40.6	40.7	40.1	39.9	40.4	3.9	3.9	3.8	3.8	--
Plastics products .....	3261	40.3	40.3	39.9	39.8	--	3.8	3.8	3.6	3.7	--
Plastics packaging materials, film, and sheet .....	32611	41.2	40.8	41.4	40.7	--	5.4	5.0	4.7	4.6	--
Nonpackaging plastics film and sheet .....	326113	41.5	41.3	40.5	40.2	--	5.3	4.9	4.1	4.1	--
Plastics pipe, fittings, and profile shapes .....	32612	40.6	40.4	40.8	40.7	--	4.5	4.3	5.0	4.7	--
Unlaminated plastics profile shapes .....	326121	41.5	41.8	42.0	41.4	--	5.1	5.2	5.8	5.7	--
Plastics pipe and pipe fittings .....	326122	39.8	39.2	39.7	40.1	--	4.0	3.5	4.3	3.8	--
Foam products .....	32614,5	41.4	41.4	40.9	41.0	--	4.1	3.5	3.9	3.9	--
Plastics bottles and laminated plastics plate, sheet, and shapes .....	32613,6	42.7	42.4	41.3	41.8	--	4.5	4.5	4.1	4.4	--
Other plastics products .....	32619	39.6	39.7	39.1	39.0	--	3.2	3.4	3.1	3.2	--
Rubber products .....	3262	41.5	42.1	40.8	40.2	--	4.2	4.2	4.1	4.0	--
Tires .....	32621	42.7	43.7	41.5	40.9	--	--	--	--	--	--
Other rubber products .....	32629	40.8	41.1	40.0	39.1	--	4.1	4.0	3.6	3.4	--
Rubber products for mechanical use .....	326291	41.9	42.2	41.5	40.6	--	4.5	4.4	4.0	3.8	--
All other rubber products .....	326299	39.1	39.6	37.9	37.0	--	3.4	3.3	3.1	2.8	--
Private service-providing .....		32.5	32.3	32.5	32.2	32.3	--	--	--	--	--
Trade, transportation, and utilities .....		33.6	33.3	33.4	33.2	33.4	--	--	--	--	--
Wholesale trade .....	42	38.0	37.7	37.9	37.5	37.8	--	--	--	--	--
Durable goods .....	423	38.4	38.1	38.6	38.0	--	--	--	--	--	--
Motor vehicles and parts .....	4231	37.8	37.7	37.7	36.8	--	--	--	--	--	--
Motor vehicles .....	42311	36.6	36.9	36.3	35.1	--	--	--	--	--	--
New motor vehicle parts .....	42312	38.3	38.2	38.5	37.6	--	--	--	--	--	--
Furniture and furnishings .....	4232	38.6	37.8	36.9	36.4	--	--	--	--	--	--
Home furnishings .....	42322	39.6	38.6	36.0	35.3	--	--	--	--	--	--
Lumber and construction supplies .....	4233	40.3	40.1	39.4	39.5	--	--	--	--	--	--
Lumber and wood .....	42331	40.0	40.1	39.0	39.3	--	--	--	--	--	--
Masonry materials .....	42332	41.7	40.7	41.0	41.0	--	--	--	--	--	--
Roofing, siding, and other construction materials .....	42333,9	39.7	39.4	38.7	38.5	--	--	--	--	--	--

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	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Miscellaneous coated and treated paper and paper bags.....	322223,4,5,6	\$13.07	\$12.81	\$13.66	\$13.84	--	\$540.82	\$517.52	\$538.20	\$545.30	--
Stationery products.....	32223	14.30	14.08	14.51	14.63	--	575.38	551.94	545.58	567.64	--
Other converted paper products.....	32229	14.60	14.68	14.71	14.68	--	610.11	615.09	616.35	619.50	--
Printing and related support activities.....	323	14.93	14.80	15.33	15.37	\$15.28	573.42	568.32	591.74	580.99	\$574.53
Commercial lithograph printing.....	323110	16.36	16.30	16.55	16.63	--	637.53	632.44	648.76	638.59	--
Commercial flexographic printing.....	323112	15.12	15.01	15.39	15.46	--	594.16	583.89	607.91	578.20	--
Commercial screen printing.....	323113	11.42	11.24	12.37	12.23	--	431.32	428.24	468.82	468.41	--
Quick printing.....	323114	13.12	12.96	13.84	13.73	--	484.58	482.11	505.16	480.55	--
Manifold business forms printing.....	323116	14.56	14.18	15.02	14.83	--	542.97	518.99	582.78	560.57	--
Miscellaneous commercial printing.....	323115,7,8,9	14.46	14.36	14.91	14.96	--	557.75	552.86	565.09	559.50	--
Support activities for printing.....	32312	15.41	15.25	15.28	15.52	--	588.75	588.65	582.17	592.86	--
Petroleum and coal products.....	324	23.06	22.97	24.17	23.97	23.39	992.05	960.15	1,109.40	1,054.68	1,008.11
Petroleum refineries.....	32411	26.62	26.69	27.50	27.32	--	1,174.16	1,145.00	1,336.50	1,264.92	--
Asphalt paving and roofing materials and other petroleum and coal products.....	32412,9	17.50	17.15	18.13	18.18	--	724.91	689.43	757.83	736.29	--
Chemicals.....	325	17.97	17.83	18.33	18.28	18.33	759.57	745.29	780.86	769.59	766.19
Basic chemicals.....	3251	21.85	21.71	22.34	22.24	--	981.18	955.24	1,003.07	991.90	--
Other basic inorganic chemicals.....	32518	22.17	21.96	23.22	23.47	--	969.15	950.87	1,017.04	1,016.25	--
Resin, rubber, and artificial fibers.....	3252	17.80	17.46	17.77	17.83	--	739.50	721.10	732.12	741.73	--
Resin and synthetic rubber.....	32521	19.56	19.19	19.07	19.23	--	820.33	800.22	799.03	813.43	--
Plastics material and resin.....	325211	19.85	19.53	19.18	19.44	--	841.83	826.12	807.48	822.31	--
Agricultural chemicals.....	3253	18.96	18.70	17.35	17.21	--	848.03	847.11	836.27	822.64	--
Pharmaceuticals and medicines.....	3254	18.12	18.07	19.31	19.07	--	777.07	766.17	849.64	820.01	--
Pharmaceutical preparations.....	325412	18.28	18.29	19.65	19.40	--	795.28	786.47	898.01	861.36	--
Miscellaneous medicinal and biological products.....	325411,3,4	17.60	17.34	17.92	17.79	--	719.10	702.27	682.75	677.80	--
Paints, coatings, and adhesives.....	3255	15.64	15.48	16.13	16.11	--	644.03	630.04	658.10	660.51	--
Paints and coatings.....	32551	16.44	16.36	16.69	16.48	--	682.30	674.03	672.61	660.85	--
Soaps, cleaning compounds, and toiletries.....	3256	14.26	14.24	14.21	14.23	--	565.83	562.48	564.14	547.86	--
Soaps and cleaning compounds.....	32561	14.44	14.57	13.88	13.74	--	557.64	574.06	531.60	512.50	--
Polishes and other sanitation goods and surface active agents.....	325612,3	12.89	13.00	12.87	12.76	--	482.73	499.20	486.49	467.02	--
Toilet preparations.....	32562	14.07	13.90	14.56	14.74	--	574.95	549.05	601.33	586.65	--
Other chemical products and preparations.....	3259	16.41	16.12	16.85	17.01	--	665.76	643.19	680.74	680.40	--
Plastics and rubber products.....	326	13.55	13.49	14.00	14.07	14.07	549.57	549.04	561.40	561.39	568.43
Plastics products.....	3261	12.84	12.75	13.26	13.30	--	517.43	513.83	529.07	529.34	--
Plastics packaging materials, film, and sheet.....	32611	14.71	14.63	15.05	15.19	--	605.67	596.90	623.07	618.23	--
Nonpackaging plastics film and sheet.....	326113	15.02	15.08	15.18	15.29	--	623.44	622.80	614.79	614.66	--
Plastics pipe, fittings, and profile shapes.....	32612	14.07	13.99	14.07	13.92	--	571.39	565.20	574.06	566.54	--
Unlaminated plastics profile shapes.....	326121	14.86	14.89	15.15	15.04	--	616.42	622.40	636.30	622.66	--
Plastics pipe and pipe fittings.....	326122	13.31	13.14	13.01	12.82	--	529.46	515.09	516.50	514.08	--
Foam products.....	32614,5	12.71	12.40	12.92	12.88	--	525.95	513.36	528.43	528.08	--
Plastics bottles and laminated plastics plate, sheet, and shapes.....	32613,6	13.95	13.77	14.63	14.82	--	595.03	583.85	604.22	619.48	--
Other plastics products.....	32619	12.05	12.02	12.54	12.59	--	476.72	477.19	490.31	491.01	--
Rubber products.....	3262	16.04	16.08	16.60	16.78	--	665.60	676.97	677.28	674.56	--
Tires.....	32621	19.66	19.58	20.94	21.22	--	839.12	855.65	869.01	867.90	--
Other rubber products.....	32629	13.40	13.36	13.66	13.67	--	546.43	549.10	546.40	534.50	--
Rubber products for mechanical use.....	326291	13.59	13.50	13.93	13.81	--	569.60	569.70	578.10	560.69	--
All other rubber products.....	326299	13.12	13.13	13.25	13.46	--	512.84	519.95	502.18	498.02	--
Private service-providing.....		14.56	14.46	15.00	14.95	14.90	473.10	467.06	487.50	481.39	481.27
Trade, transportation, and utilities.....		14.02	14.00	14.34	14.31	14.28	471.09	466.20	478.96	475.09	476.95
Wholesale trade.....	42	16.97	16.88	17.29	17.24	17.22	643.99	636.38	655.29	646.50	650.92
Durable goods.....	423	17.60	17.50	17.82	17.75	--	676.71	666.75	687.85	674.50	--
Motor vehicles and parts.....	4231	15.55	15.40	15.68	15.72	--	587.38	580.58	591.14	578.50	--
Motor vehicles.....	42311	17.01	16.96	16.94	17.24	--	622.91	625.82	614.92	605.12	--
New motor vehicle parts.....	42312	14.75	14.68	14.91	14.70	--	564.96	560.78	574.04	552.72	--
Furniture and furnishings.....	4232	16.15	15.83	15.28	15.14	--	623.49	598.37	563.83	551.10	--
Home furnishings.....	42322	18.17	17.49	16.43	16.20	--	718.81	675.11	591.48	571.86	--
Lumber and construction supplies.....	4233	15.06	14.94	15.39	15.28	--	607.37	599.09	606.37	603.56	--
Lumber and wood.....	42331	14.70	14.53	15.30	15.12	--	587.97	582.65	596.70	594.22	--
Masonry materials.....	42332	16.35	16.42	16.18	16.11	--	682.21	668.29	663.38	660.51	--
Roofing, siding, and other construction materials.....	42333,9	14.66	14.50	14.85	14.82	--	582.63	571.30	574.70	570.57	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Wholesale trade—Continued</b>											
Commercial equipment.....	4234	37.9	37.5	37.9	37.2	--	--	--	--	--	--
Office equipment.....	42342	37.9	36.0	36.6	35.6	--	--	--	--	--	--
Computer and software.....	42343	38.0	38.2	37.1	36.8	--	--	--	--	--	--
Medical equipment.....	42345	37.5	37.2	39.1	37.8	--	--	--	--	--	--
Miscellaneous professional and commercial equipment.....	42341,4,6,9	38.2	38.0	39.5	39.3	--	--	--	--	--	--
Metals and minerals.....	4235	40.4	39.7	41.1	40.3	--	--	--	--	--	--
Electric goods.....	4236	39.0	38.5	40.0	39.5	--	--	--	--	--	--
Electrical equipment and wiring.....	42361	39.5	39.0	40.2	39.4	--	--	--	--	--	--
Electric appliances and other electronic parts.....	42362,9	38.6	38.1	39.8	39.5	--	--	--	--	--	--
Hardware and plumbing.....	4237	39.1	38.6	39.4	38.8	--	--	--	--	--	--
Hardware.....	42371	38.1	37.4	38.9	38.3	--	--	--	--	--	--
Plumbing equipment.....	42372	39.2	38.8	39.8	38.8	--	--	--	--	--	--
HVAC and refrigeration equipment.....	42373,4	40.0	39.7	39.4	39.2	--	--	--	--	--	--
Machinery and supplies.....	4238	38.3	38.2	38.5	38.1	--	--	--	--	--	--
Construction equipment.....	42381	38.9	39.2	39.7	39.8	--	--	--	--	--	--
Farm and garden equipment.....	42382	38.7	39.3	38.5	38.1	--	--	--	--	--	--
Industrial machinery.....	42383	38.9	38.6	38.6	38.1	--	--	--	--	--	--
Industrial supplies.....	42384	38.8	39.0	40.1	39.1	--	--	--	--	--	--
Service establishment equipment.....	42385	33.9	33.8	35.5	34.7	--	--	--	--	--	--
Miscellaneous durable goods.....	4239	37.2	37.0	37.8	36.9	--	--	--	--	--	--
Recyclable materials.....	42393	38.3	37.9	38.9	38.1	--	--	--	--	--	--
Toy, hobby, and other durable goods.....	42392,9	36.8	37.2	37.5	37.0	--	--	--	--	--	--
<b>Nondurable goods.....</b>	<b>424</b>	<b>38.1</b>	<b>38.0</b>	<b>37.7</b>	<b>37.8</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Paper and paper products.....	4241	35.4	36.1	35.7	36.0	--	--	--	--	--	--
Printing and writing paper and office supplies.....	42411,2	31.8	33.2	33.1	33.8	--	--	--	--	--	--
Industrial paper.....	42413	40.4	40.2	39.3	39.1	--	--	--	--	--	--
Druggists' goods.....	4242	38.1	38.6	37.9	37.4	--	--	--	--	--	--
Apparel and piece goods.....	4243	37.1	37.2	37.7	37.8	--	--	--	--	--	--
Grocery and related products.....	4244	39.5	39.0	39.0	38.8	--	--	--	--	--	--
General line grocery.....	42441	39.3	38.7	38.4	38.2	--	--	--	--	--	--
Fruits and vegetables.....	42448	40.5	41.1	39.4	40.0	--	--	--	--	--	--
Farm product raw materials.....	4245	36.3	36.3	34.8	35.9	--	--	--	--	--	--
Grains and field beans.....	42451	40.7	40.5	39.0	40.1	--	--	--	--	--	--
Chemicals.....	4246	40.4	39.9	39.9	39.4	--	--	--	--	--	--
Other chemicals.....	42469	40.5	40.0	40.1	39.4	--	--	--	--	--	--
Petroleum.....	4247	36.3	36.2	36.3	35.9	--	--	--	--	--	--
Alcoholic beverages.....	4248	37.0	36.5	36.5	36.7	--	--	--	--	--	--
Beer and ale.....	42481	36.6	36.1	35.6	35.9	--	--	--	--	--	--
Misc. nondurable goods.....	4249	37.3	37.8	36.8	37.8	--	--	--	--	--	--
Farm supplies.....	42491	38.4	39.6	38.5	39.7	--	--	--	--	--	--
Paint, painting supplies, and other nondurable goods.....	42495,9	35.6	35.8	35.1	35.4	--	--	--	--	--	--
Electronic markets and agents and brokers.....	425	35.3	34.8	34.9	34.5	--	--	--	--	--	--
Business to business electronic markets.....	42511	33.0	32.6	32.6	31.8	--	--	--	--	--	--
Wholesale trade agents and brokers.....	42512	35.6	35.2	35.3	34.9	--	--	--	--	--	--
<b>Retail trade.....</b>	<b>44,45</b>	<b>30.9</b>	<b>30.6</b>	<b>30.6</b>	<b>30.6</b>	<b>30.8</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Motor vehicle and parts dealers.....	441	35.3	35.2	35.4	35.0	--	--	--	--	--	--
Automobile dealers.....	4411	34.9	34.6	35.4	34.7	--	--	--	--	--	--
New car dealers.....	44111	35.0	34.6	35.5	34.9	--	--	--	--	--	--
Used car dealers.....	44112	33.8	34.5	33.6	32.9	--	--	--	--	--	--
Other motor vehicle dealers.....	4412	34.5	35.1	34.8	34.8	--	--	--	--	--	--
Motorcycle, boat, and other vehicle dealers.....	44122	34.6	34.9	35.2	35.5	--	--	--	--	--	--
Auto parts, accessories, and tire stores.....	4413	36.7	36.9	35.7	35.8	--	--	--	--	--	--
Automotive parts and accessories stores.....	44131	36.0	36.0	35.0	35.2	--	--	--	--	--	--
Tire dealers.....	44132	38.2	38.8	37.2	37.0	--	--	--	--	--	--
Furniture and home furnishings stores.....	442	31.0	30.6	30.8	30.2	--	--	--	--	--	--
Furniture stores.....	4421	31.6	31.1	31.2	30.4	--	--	--	--	--	--
Home furnishings stores.....	4422	30.4	30.0	30.4	30.1	--	--	--	--	--	--
Floor covering stores.....	44221	36.0	35.7	35.1	36.0	--	--	--	--	--	--
Other home furnishings stores.....	44229	26.9	26.3	27.6	26.4	--	--	--	--	--	--
Electronics and appliance stores.....	443	31.7	32.0	31.5	30.6	--	--	--	--	--	--
Appliance, TV, and other electronics stores.....	44311	32.5	32.1	31.9	31.0	--	--	--	--	--	--
Household appliance stores.....	443111	33.8	33.9	33.2	32.7	--	--	--	--	--	--
Radio, TV, and other electronics stores.....	443112	32.0	31.5	31.5	30.4	--	--	--	--	--	--
Computer, software, camera, and photography supply stores.....	44312,3	30.3	31.7	30.8	29.8	--	--	--	--	--	--

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	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Wholesale trade-Continued</b>											
Commercial equipment.....	4234	\$21.64	\$21.61	\$21.99	\$21.73	--	\$820.63	\$810.38	\$833.42	\$808.36	--
Office equipment.....	42342	18.60	18.32	18.50	18.71	--	705.38	659.52	677.10	666.08	--
Computer and software.....	42343	26.49	26.55	26.22	25.51	--	1,006.70	1,014.21	972.76	938.77	--
Medical equipment.....	42345	18.81	18.65	20.63	20.60	--	705.61	693.78	806.63	778.68	--
Miscellaneous professional and commercial equipment.....	42341,4,6,9	16.73	16.55	17.63	17.74	--	639.87	628.90	696.39	697.18	--
Metals and minerals.....	4235	16.32	16.10	16.23	16.11	--	659.43	639.17	667.05	649.23	--
Electric goods.....	4236	18.87	18.89	19.94	19.96	--	735.70	727.27	797.60	788.42	--
Electrical equipment and wiring.....	42361	18.22	18.22	18.79	19.00	--	719.16	710.58	755.36	748.60	--
Electric appliances and other electronic parts.....	42362,9	19.42	19.47	20.89	20.75	--	749.83	741.81	831.42	819.63	--
Hardware and plumbing.....	4237	16.04	15.78	16.14	16.09	--	626.69	609.11	635.92	624.29	--
Hardware.....	42371	14.64	14.63	14.45	14.68	--	557.39	547.16	562.11	562.24	--
Plumbing equipment.....	42372	15.29	15.11	15.63	15.35	--	599.59	586.27	622.07	595.58	--
HVAC and refrigeration equipment.....	42373,4	18.31	17.75	18.45	18.33	--	732.23	704.68	726.93	718.54	--
Machinery and supplies.....	4238	17.41	17.25	17.46	17.49	--	666.53	658.95	672.21	666.37	--
Construction equipment.....	42381	18.73	18.52	18.72	18.37	--	728.72	725.98	743.18	731.13	--
Farm and garden equipment.....	42382	13.36	13.11	13.96	14.24	--	516.95	515.22	537.46	542.54	--
Industrial machinery.....	42383	18.66	18.59	18.63	18.75	--	725.82	717.57	719.12	714.38	--
Industrial supplies.....	42384	16.12	16.18	16.36	16.13	--	625.77	631.02	656.04	630.68	--
Service establishment equipment.....	42385	17.52	17.23	17.14	17.07	--	593.76	582.37	608.47	592.33	--
Miscellaneous durable goods.....	4239	13.95	13.90	14.10	14.14	--	518.81	514.30	532.98	521.77	--
Recyclable materials.....	42393	12.71	12.65	12.32	12.70	--	487.29	479.44	479.25	483.87	--
Toy, hobby, and other durable goods.....	42392,9	15.36	15.32	16.34	16.44	--	565.80	569.90	612.75	608.28	--
<b>Nondurable goods</b>											
Paper and paper products.....	4241	15.69	15.67	15.82	16.03	--	555.12	565.69	564.77	577.08	--
Printing and writing paper and office supplies.....	42411,2	14.52	14.58	14.88	15.14	--	460.90	484.06	492.53	511.73	--
Industrial paper.....	42413	16.98	16.95	16.94	17.11	--	686.12	681.39	665.74	669.00	--
Druggists' goods.....	4242	18.07	17.92	18.81	18.77	--	688.80	691.71	712.90	702.00	--
Apparel and piece goods.....	4243	15.05	15.07	15.36	15.34	--	559.13	560.60	579.07	579.85	--
Grocery and related products.....	4244	14.60	14.43	15.03	15.13	--	577.18	562.77	586.17	587.04	--
General line grocery.....	42441	16.70	16.38	16.81	17.12	--	656.58	633.91	645.50	653.98	--
Fruits and vegetables.....	42448	12.54	12.39	13.57	13.84	--	507.81	509.23	534.66	553.60	--
Farm product raw materials.....	4245	11.88	11.57	12.43	12.51	--	430.98	419.99	432.56	449.11	--
Grains and field beans.....	42451	12.43	12.16	12.77	12.82	--	506.29	492.48	498.03	514.08	--
Chemicals.....	4246	18.49	18.46	19.34	19.36	--	746.37	736.55	771.67	762.78	--
Other chemicals.....	42469	18.80	18.75	19.77	19.92	--	762.04	750.00	792.78	784.85	--
Petroleum.....	4247	14.76	14.53	14.94	14.89	--	536.27	525.99	542.32	534.55	--
Alcoholic beverages.....	4248	16.56	16.62	17.56	18.06	--	613.29	606.63	640.94	662.80	--
Beer and ale.....	42481	16.44	16.46	16.90	17.06	--	601.65	594.21	601.64	612.45	--
Misc. nondurable goods.....	4249	12.87	12.73	13.46	13.21	--	479.56	481.19	495.33	499.34	--
Farm supplies.....	42491	13.45	13.37	13.58	13.18	--	516.64	529.45	522.83	523.25	--
Paint, painting supplies, and other nondurable goods.....	42495,9	13.36	13.17	14.11	14.07	--	475.52	471.49	495.26	498.08	--
Electronic markets and agents and brokers.....	425	20.45	20.63	20.56	20.68	--	721.00	717.92	717.54	713.46	--
Business to business electronic markets.....	42511	15.88	15.84	17.06	17.15	--	523.71	516.38	556.16	545.37	--
Wholesale trade agents and brokers.....	42512	21.16	21.38	21.07	21.18	--	754.04	752.58	743.77	739.18	--
<b>Retail trade</b> .....	44,45	11.67	11.69	11.90	11.90	\$11.88	360.53	357.71	364.14	364.14	\$365.90
Motor vehicle and parts dealers.....	441	15.82	15.94	15.92	16.07	--	559.14	561.09	563.57	562.45	--
Automobile dealers.....	4411	17.73	17.91	17.73	17.97	--	619.27	619.69	627.64	623.56	--
New car dealers.....	44111	18.09	18.28	18.07	18.35	--	633.01	632.49	641.49	640.42	--
Used car dealers.....	44112	13.25	13.13	13.47	13.20	--	447.93	452.99	452.59	434.28	--
Other motor vehicle dealers.....	4412	13.24	13.61	13.40	13.87	--	456.67	477.71	466.32	482.68	--
Motorcycle, boat, and other vehicle dealers.....	44122	13.21	13.65	13.22	13.70	--	456.43	476.39	465.34	486.35	--
Auto parts, accessories, and tire stores.....	4413	11.77	11.75	11.91	11.90	--	432.61	433.58	425.19	426.02	--
Automotive parts and accessories stores.....	44131	11.43	11.43	11.53	11.57	--	412.04	411.48	403.55	407.26	--
Tire dealers.....	44132	12.47	12.39	12.69	12.57	--	476.78	480.73	472.07	465.09	--
Furniture and home furnishings stores.....	442	13.08	13.10	13.08	13.22	--	405.91	400.86	402.86	399.24	--
Furniture stores.....	4421	14.23	14.18	14.29	14.22	--	449.67	441.00	445.85	432.29	--
Home furnishings stores.....	4422	11.76	11.83	11.69	12.07	--	357.15	354.90	355.38	363.31	--
Floor covering stores.....	44221	13.88	13.93	13.61	14.32	--	500.01	497.30	477.71	515.52	--
Other home furnishings stores.....	44229	10.04	10.00	10.22	10.18	--	270.25	263.00	282.07	268.75	--
Electronics and appliance stores.....	443	16.22	16.24	16.32	16.34	--	513.71	519.68	514.08	500.00	--
Appliance, TV, and other electronics stores.....	44311	14.88	14.70	15.22	15.31	--	483.15	471.87	485.52	474.61	--
Household appliance stores.....	443111	12.87	12.87	12.56	12.78	--	434.81	436.29	416.99	417.91	--
Radio, TV, and other electronics stores.....	443112	15.62	15.40	16.19	16.25	--	500.00	485.10	509.99	494.00	--
Computer, software, camera, and photography supply stores.....	44312,3	18.72	18.95	18.29	18.21	--	567.20	600.72	563.33	542.66	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Retail trade—Continued</b>											
Building material and garden supply stores.....	444	36.3	36.4	35.8	35.8	--	--	--	--	--	--
Building material and supplies dealers.....	4441	36.9	36.9	36.2	36.2	--	--	--	--	--	--
Home centers.....	44411	37.7	37.6	36.9	36.9	--	--	--	--	--	--
Paint and wallpaper stores.....	44412	35.4	36.1	34.2	33.5	--	--	--	--	--	--
Hardware stores.....	44413	31.1	31.6	29.8	29.9	--	--	--	--	--	--
Other building material dealers.....	44419	39.3	39.1	39.1	39.2	--	--	--	--	--	--
Lawn and garden equipment and supplies stores.....	4442	32.5	33.4	32.7	33.2	--	--	--	--	--	--
Outdoor power equipment stores.....	44421	31.0	32.1	30.9	30.2	--	--	--	--	--	--
Nursery, garden, and farm supply stores.....	44422	32.9	33.7	33.1	33.9	--	--	--	--	--	--
Food and beverage stores.....	445	31.8	31.4	31.4	31.8	--	--	--	--	--	--
Grocery stores.....	4451	31.9	31.4	31.4	32.0	--	--	--	--	--	--
Supermarkets and other grocery stores.....	44511	32.1	31.6	31.6	32.2	--	--	--	--	--	--
Convenience stores.....	44512	28.6	28.5	28.7	28.2	--	--	--	--	--	--
Specialty food stores.....	4452	32.3	32.0	32.2	32.2	--	--	--	--	--	--
Meat markets and fish and seafood markets.....	44521,2	32.5	32.4	31.7	31.1	--	--	--	--	--	--
Fruit and vegetable markets.....	44523	32.1	31.7	33.4	33.4	--	--	--	--	--	--
Other specialty food stores.....	44529	32.3	31.9	32.1	32.3	--	--	--	--	--	--
Beer, wine, and liquor stores.....	4453	29.3	29.5	29.5	28.1	--	--	--	--	--	--
Health and personal care stores.....	446	30.1	29.9	29.5	29.0	--	--	--	--	--	--
Pharmacies and drug stores.....	44611	29.1	28.8	28.5	27.9	--	--	--	--	--	--
Optical goods stores.....	44613	31.7	31.7	33.5	31.9	--	--	--	--	--	--
Other health and personal care stores.....	44619	34.9	34.9	34.6	34.4	--	--	--	--	--	--
All other health and personal care stores.....	446199	38.2	37.5	37.6	37.0	--	--	--	--	--	--
Gasoline stations.....	447	30.6	29.9	30.2	29.8	--	--	--	--	--	--
Gasoline stations with convenience stores.....	44711	30.2	29.5	29.7	29.3	--	--	--	--	--	--
Other gasoline stations.....	44719	32.8	32.2	33.3	32.7	--	--	--	--	--	--
Clothing and clothing accessories stores.....	448	25.1	25.2	24.3	24.2	--	--	--	--	--	--
Clothing stores.....	4481	24.2	24.5	23.4	23.6	--	--	--	--	--	--
Men's clothing stores.....	44811	27.9	28.4	28.8	28.6	--	--	--	--	--	--
Women's clothing stores.....	44812	20.9	22.0	18.6	18.7	--	--	--	--	--	--
Family clothing stores.....	44814	24.9	25.1	24.6	24.8	--	--	--	--	--	--
Clothing accessories stores.....	44815	24.2	24.0	23.4	22.8	--	--	--	--	--	--
Other clothing stores.....	44819	28.3	27.8	28.0	28.0	--	--	--	--	--	--
Shoe stores.....	4482	24.4	24.4	22.3	22.0	--	--	--	--	--	--
Jewelry, luggage, and leather goods stores.....	4483	31.5	31.0	31.7	30.3	--	--	--	--	--	--
Sporting goods, hobby, book, and music stores.....	451	26.0	25.6	26.3	25.6	--	--	--	--	--	--
Sporting goods and musical instrument stores.....	4511	26.7	26.5	27.1	26.4	--	--	--	--	--	--
Sporting goods stores.....	45111	26.2	25.7	27.1	26.2	--	--	--	--	--	--
Hobby, toy, and game stores.....	45112	26.6	26.3	27.4	26.7	--	--	--	--	--	--
Sewing, needlework, and piece goods stores.....	45113	26.1	26.5	24.2	24.7	--	--	--	--	--	--
Book, periodical, and music stores.....	4512	24.7	24.0	24.5	24.0	--	--	--	--	--	--
Book stores and news dealers.....	45121	24.6	23.7	24.4	23.9	--	--	--	--	--	--
Prerecorded tape, CD, and record stores.....	45122	24.8	24.7	24.7	24.4	--	--	--	--	--	--
General merchandise stores.....	452	28.8	28.3	28.5	28.8	--	--	--	--	--	--
Department stores.....	4521	27.4	26.9	26.9	27.1	--	--	--	--	--	--
Department stores, except discount.....	452111	23.6	22.8	22.9	22.8	--	--	--	--	--	--
Discount department stores.....	452112	30.7	30.3	30.2	30.7	--	--	--	--	--	--
Other general merchandise stores.....	4529	31.0	30.5	31.0	31.2	--	--	--	--	--	--
Warehouse clubs and supercenters.....	45291	32.3	31.7	32.3	32.6	--	--	--	--	--	--
All other general merchandise stores.....	45299	27.2	26.9	27.5	27.4	--	--	--	--	--	--
Miscellaneous store retailers.....	453	29.0	28.6	28.6	28.7	--	--	--	--	--	--
Florists.....	4531	27.8	26.4	26.3	27.3	--	--	--	--	--	--
Office supplies, stationery, and gift stores.....	4532	28.7	28.5	28.6	28.4	--	--	--	--	--	--
Office supplies and stationery stores.....	45321	33.5	33.6	33.3	32.8	--	--	--	--	--	--
Gift, novelty, and souvenir stores.....	45322	25.1	24.6	24.7	24.7	--	--	--	--	--	--
Used merchandise stores.....	4533	27.7	27.2	27.8	28.6	--	--	--	--	--	--
Other miscellaneous store retailers.....	4539	30.5	30.3	29.7	29.7	--	--	--	--	--	--
Pet and pet supplies stores.....	45391	28.4	28.7	27.6	28.3	--	--	--	--	--	--
All other miscellaneous store retailers.....	45399	31.1	30.5	30.3	29.9	--	--	--	--	--	--
Nonstore retailers.....	454	35.7	35.3	35.5	35.3	--	--	--	--	--	--
Electronic shopping and mail-order houses.....	4541	36.5	36.1	35.4	35.3	--	--	--	--	--	--
Mail-order houses.....	454113	36.4	35.9	34.8	34.8	--	--	--	--	--	--
Direct selling establishments.....	4543	34.1	33.5	35.1	34.3	--	--	--	--	--	--
Fuel dealers.....	45431	37.5	36.7	38.2	37.2	--	--	--	--	--	--
Heating oil dealers.....	454311	37.5	36.4	38.2	37.1	--	--	--	--	--	--

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	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Retail trade—Continued</b>											
Building material and garden supply stores.....	444	\$12.23	\$12.12	\$12.62	\$12.54	--	\$444.30	\$441.17	\$451.80	\$448.93	--
Building material and supplies dealers.....	4441	12.34	12.25	12.80	12.77	--	455.52	452.03	463.36	462.27	--
Home centers.....	44411	12.07	12.07	12.61	12.61	--	454.91	453.83	465.31	465.31	--
Paint and wallpaper stores.....	44412	11.83	11.80	12.01	12.18	--	418.60	425.98	410.74	408.03	--
Hardware stores.....	44413	10.02	9.96	10.21	10.22	--	311.57	314.74	304.26	305.58	--
Other building material dealers.....	44419	14.12	13.83	14.51	14.42	--	555.05	540.75	567.34	565.26	--
Lawn and garden equipment and supplies stores.....	4442	11.35	11.25	11.22	10.95	--	369.23	375.75	366.89	363.54	--
Outdoor power equipment stores.....	44421	13.00	12.97	13.25	13.24	--	403.14	416.34	409.43	399.85	--
Nursery, garden, and farm supply stores.....	44422	10.95	10.86	10.74	10.50	--	360.43	365.98	355.49	355.95	--
Food and beverage stores.....	445	10.55	10.55	10.75	10.79	--	335.99	331.27	337.55	343.12	--
Grocery stores.....	4451	10.49	10.49	10.69	10.75	--	334.92	329.39	335.67	344.00	--
Supermarkets and other grocery stores.....	44511	10.61	10.62	10.81	10.87	--	340.87	335.59	341.60	350.01	--
Convenience stores.....	44512	8.28	8.15	8.53	8.52	--	236.76	232.28	244.81	240.26	--
Specialty food stores.....	4452	10.93	10.85	11.12	10.93	--	353.04	347.20	358.06	351.95	--
Meat markets and fish and seafood markets.....	44521,2	10.74	10.53	10.74	10.64	--	348.85	341.17	340.46	330.90	--
Fruit and vegetable markets.....	44523	9.07	8.98	9.40	9.52	--	291.45	284.67	313.96	317.97	--
Other specialty food stores.....	44529	11.63	11.63	11.86	11.51	--	375.29	371.00	380.71	371.77	--
Beer, wine, and liquor stores.....	4453	11.11	11.07	11.40	11.46	--	325.68	326.57	336.30	322.03	--
Health and personal care stores.....	446	12.50	12.45	12.98	12.96	--	375.89	372.26	382.91	375.84	--
Pharmacies and drug stores.....	44611	12.57	12.49	13.15	13.06	--	365.11	359.71	374.78	364.37	--
Optical goods stores.....	44613	12.10	12.09	12.49	12.50	--	383.70	383.25	418.42	398.75	--
Other health and personal care stores.....	44619	12.98	12.98	12.97	13.05	--	452.71	453.00	448.76	448.92	--
All other health and personal care stores.....	446199	14.64	14.60	14.55	14.69	--	559.68	547.50	547.08	543.53	--
Gasoline stations.....	447	8.56	8.51	8.75	8.73	--	261.92	254.45	264.25	260.15	--
Gasoline stations with convenience stores.....	44711	8.33	8.30	8.46	8.45	--	251.96	244.85	251.26	247.59	--
Other gasoline stations.....	44719	9.71	9.60	10.23	10.17	--	318.49	309.12	340.66	332.56	--
Clothing and clothing accessories stores.....	448	10.40	10.42	10.62	10.61	--	260.83	262.58	258.07	256.76	--
Clothing stores.....	4481	10.20	10.26	10.49	10.48	--	246.40	251.37	245.47	247.33	--
Men's clothing stores.....	44811	11.66	11.89	12.14	12.45	--	325.46	337.68	349.63	356.07	--
Women's clothing stores.....	44812	10.22	10.20	11.05	11.08	--	213.89	224.40	205.53	207.20	--
Family clothing stores.....	44814	10.27	10.35	10.27	10.20	--	255.75	259.79	252.64	252.96	--
Clothing accessories stores.....	44815	9.11	9.08	9.62	9.73	--	220.32	217.92	225.11	221.84	--
Other clothing stores.....	44819	9.71	9.73	10.03	9.95	--	274.67	270.49	280.84	278.60	--
Shoe stores.....	4482	9.19	9.48	9.32	9.44	--	223.93	231.31	207.84	207.68	--
Jewelry, luggage, and leather goods stores.....	4483	12.34	12.00	12.17	12.14	--	388.98	372.00	385.79	367.84	--
Sporting goods, hobby, book, and music stores.....	451	10.05	9.98	10.36	10.32	--	261.48	255.49	272.47	264.19	--
Sporting goods and musical instrument stores.....	4511	10.46	10.36	10.73	10.70	--	279.39	274.54	290.78	282.48	--
Sporting goods stores.....	45111	10.79	10.58	11.11	11.05	--	282.69	271.91	301.08	289.51	--
Hobby, toy, and game stores.....	45112	9.91	9.96	10.20	10.09	--	263.52	261.95	279.48	269.40	--
Sewing, needlework, and piece goods stores.....	45113	10.21	9.97	10.00	10.16	--	266.78	264.21	242.00	250.95	--
Book, periodical, and music stores.....	4512	9.19	9.19	9.51	9.46	--	226.56	220.56	233.00	227.04	--
Book stores and news dealers.....	45121	9.23	9.20	9.74	9.70	--	227.28	218.04	237.66	231.83	--
Prerecorded tape, CD, and record stores.....	45122	9.07	9.17	8.96	8.87	--	224.53	226.50	221.31	216.43	--
General merchandise stores.....	452	9.88	9.88	10.05	10.07	--	284.50	279.60	286.43	290.02	--
Department stores.....	4521	10.20	10.23	10.31	10.36	--	279.58	275.19	277.34	280.76	--
Department stores, except discount.....	452111	11.39	11.56	11.42	11.62	--	268.27	263.57	261.52	264.94	--
Discount department stores.....	452112	9.42	9.40	9.60	9.57	--	289.37	284.82	289.92	293.80	--
Other general merchandise stores.....	4529	9.44	9.39	9.72	9.70	--	292.53	286.40	301.32	302.64	--
Warehouse clubs and supercenters.....	45291	9.54	9.49	9.75	9.73	--	308.67	300.83	314.93	317.20	--
All other general merchandise stores.....	45299	9.08	9.05	9.64	9.59	--	246.63	243.45	265.10	262.77	--
Miscellaneous store retailers.....	453	10.74	10.79	11.05	10.93	--	311.41	308.59	316.03	313.69	--
Florists.....	4531	9.36	9.27	9.39	9.36	--	260.62	244.73	246.96	255.53	--
Office supplies, stationery, and gift stores.....	4532	11.24	11.29	11.92	11.86	--	322.35	321.77	340.91	336.82	--
Office supplies and stationery stores.....	45321	13.74	13.64	14.11	13.97	--	461.02	458.30	469.86	458.22	--
Gift, novelty, and souvenir stores.....	45322	8.80	8.82	9.44	9.53	--	220.67	216.97	233.17	235.39	--
Used merchandise stores.....	4533	8.41	8.58	8.33	8.29	--	233.23	233.38	231.57	237.09	--
Other miscellaneous store retailers.....	4539	11.36	11.45	11.42	11.25	--	346.50	346.94	339.17	334.13	--
Pet and pet supplies stores.....	45391	9.60	9.69	9.81	9.48	--	272.35	278.10	270.76	268.28	--
All other miscellaneous store retailers.....	45399	11.78	11.84	12.06	11.79	--	365.92	361.12	365.42	352.52	--
Nonstore retailers.....	454	14.13	14.12	14.11	13.96	--	504.36	498.44	500.91	492.79	--
Electronic shopping and mail-order houses.....	4541	14.79	14.81	14.17	14.05	--	539.31	534.64	501.62	495.97	--
Mail-order houses.....	454113	14.65	14.63	13.51	13.56	--	533.40	525.22	470.15	471.89	--
Direct selling establishments.....	4543	14.33	14.17	15.00	14.82	--	488.58	474.70	526.50	508.33	--
Fuel dealers.....	45431	14.57	14.45	15.03	14.73	--	546.30	530.32	574.15	547.96	--
Heating oil dealers.....	454311	15.55	15.42	16.01	15.75	--	583.09	561.29	611.58	584.33	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Retail trade—Continued</b>											
Liquefied petroleum gas, bottled gas, and other fuel dealers .....	454312,9	37.5	37.1	38.1	37.4	--	--	--	--	--	--
Other direct selling establishments .....	45439	28.1	28.0	29.3	29.2	--	--	--	--	--	--
<b>Transportation and warehousing .....</b>	<b>48,49</b>	<b>36.8</b>	<b>36.5</b>	<b>36.7</b>	<b>36.4</b>	<b>36.5</b>	--	--	--	--	--
Air transportation .....	481	36.3	35.7	37.2	35.7	--	--	--	--	--	--
Scheduled air transportation .....	4811	36.2	35.6	37.1	35.5	--	--	--	--	--	--
Truck transportation .....	484	39.7	39.6	39.1	39.3	--	--	--	--	--	--
General freight trucking .....	4841	40.3	40.3	39.8	40.1	--	--	--	--	--	--
General freight trucking, local .....	48411	40.5	40.2	39.5	39.3	--	--	--	--	--	--
General freight trucking, long-distance .....	48412	40.2	40.3	39.9	40.4	--	--	--	--	--	--
General freight trucking, long-distance TL .....	484121	40.2	40.3	39.6	40.2	--	--	--	--	--	--
General freight trucking, long-distance LTL .....	484122	40.2	40.2	40.8	40.8	--	--	--	--	--	--
Specialized freight trucking .....	4842	38.3	37.8	37.1	36.9	--	--	--	--	--	--
Used household and office goods moving .....	48421	35.5	33.7	32.8	33.7	--	--	--	--	--	--
Other specialized trucking, local .....	48422	39.4	39.6	38.5	38.1	--	--	--	--	--	--
Other specialized trucking, long-distance .....	48423	39.0	38.6	38.9	37.9	--	--	--	--	--	--
Transit and ground passenger transportation .....	485	33.3	33.0	33.5	33.5	--	--	--	--	--	--
Urban transit systems .....	4851	39.4	39.7	38.8	38.7	--	--	--	--	--	--
School and employee bus transportation .....	4854	28.3	27.6	29.1	28.4	--	--	--	--	--	--
Other ground passenger transportation .....	4859	33.9	34.8	35.0	34.7	--	--	--	--	--	--
Pipeline transportation .....	486	43.6	41.8	45.1	46.7	--	--	--	--	--	--
Scenic and sightseeing transportation .....	487	26.5	28.1	23.8	24.5	--	--	--	--	--	--
Support activities for transportation .....	488	37.0	36.8	37.3	37.0	--	--	--	--	--	--
Support activities for air transportation .....	4881	35.9	35.0	35.1	35.2	--	--	--	--	--	--
Airport operations .....	48811	34.6	34.0	34.2	34.1	--	--	--	--	--	--
Support activities for water transportation .....	4883	35.8	36.0	37.6	37.0	--	--	--	--	--	--
Port and harbor operations .....	48831	28.4	27.7	29.6	29.5	--	--	--	--	--	--
Marine cargo handling .....	48832	38.8	40.2	38.8	38.7	--	--	--	--	--	--
Support activities for road transportation .....	4884	39.1	39.8	39.9	41.5	--	--	--	--	--	--
Freight transportation arrangement .....	4885	37.4	37.1	37.7	36.4	--	--	--	--	--	--
Support activities for other transportation, including rail .....	4882,9	38.5	38.3	37.7	37.1	--	--	--	--	--	--
Couriers and messengers .....	491,2	27.2	27.0	26.0	25.4	--	--	--	--	--	--
Couriers .....	4921	26.1	25.9	24.9	24.1	--	--	--	--	--	--
Warehousing and storage .....	493	38.5	37.6	38.4	37.7	--	--	--	--	--	--
General warehousing and storage .....	49311	38.4	37.6	38.2	37.5	--	--	--	--	--	--
Refrigerated warehousing and storage .....	49312	40.4	39.6	38.4	38.4	--	--	--	--	--	--
Miscellaneous warehousing and storage .....	49313,9	37.7	36.1	39.9	39.1	--	--	--	--	--	--
<b>Utilities .....</b>	<b>22</b>	<b>40.9</b>	<b>40.3</b>	<b>41.1</b>	<b>41.0</b>	<b>41.2</b>	--	--	--	--	--
Power generation and supply .....	2211	40.7	40.3	40.8	40.9	--	--	--	--	--	--
Electric power generation .....	22111	40.8	40.2	40.9	41.3	--	--	--	--	--	--
Fossil fuel electric power generation .....	221112	42.3	41.9	41.4	42.4	--	--	--	--	--	--
Electric power transmission and distribution .....	22112	40.8	40.6	40.7	40.2	--	--	--	--	--	--
Electric bulk power transmission and control .....	221121	40.5	40.4	40.6	40.3	--	--	--	--	--	--
Electric power distribution .....	221122	40.8	40.6	40.7	40.2	--	--	--	--	--	--
Natural gas distribution .....	2212	42.8	42.1	43.6	43.1	--	--	--	--	--	--
Water, sewage and other systems .....	2213	36.9	35.6	37.2	37.3	--	--	--	--	--	--
<b>Information .....</b>	<b>36,5</b>	<b>36.3</b>	<b>36.3</b>	<b>35.9</b>	<b>36.0</b>	--	--	--	--	--	--
Publishing industries, except Internet .....	511	--	--	36.1	35.5	--	--	--	--	--	--
Newspaper, book, and directory publishers .....	5111	--	--	34.2	33.7	--	--	--	--	--	--
Newspaper publishers .....	51111	--	--	33.5	33.2	--	--	--	--	--	--
Periodical publishers .....	51112	--	--	32.9	31.3	--	--	--	--	--	--
Book publishers .....	51113	--	--	37.9	37.5	--	--	--	--	--	--
Directory and mailing list publishers .....	51114	--	--	36.6	36.1	--	--	--	--	--	--
Software publishers .....	5112	40.4	40.7	40.6	39.7	--	--	--	--	--	--
Motion picture and sound recording industries .....	512	30.8	30.5	29.8	28.9	--	--	--	--	--	--
Motion picture and video industries .....	5121	30.5	30.2	29.6	28.7	--	--	--	--	--	--
Motion picture and video production .....	51211	36.5	36.5	36.0	34.9	--	--	--	--	--	--
Motion picture and video exhibition .....	51213	21.5	20.4	20.0	19.5	--	--	--	--	--	--
Broadcasting, except Internet .....	515	34.6	34.3	35.2	34.9	--	--	--	--	--	--
Radio and television broadcasting .....	5151	33.0	32.9	33.5	33.1	--	--	--	--	--	--
Radio broadcasting .....	51511	26.9	26.6	27.8	27.3	--	--	--	--	--	--

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<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Retail trade-Continued</b>											
Liquefied petroleum gas, bottled gas, and other fuel dealers .....	454312,9	\$13.46	\$13.40	\$13.84	\$13.52	--	\$504.93	\$497.14	\$527.30	\$505.65	--
Other direct selling establishments .....	45439	13.79	13.56	14.94	15.01	--	388.03	379.68	437.74	438.29	--
<b>Transportation and warehousing .....</b>	<b>48,49</b>	<b>15.77</b>	<b>15.67</b>	<b>16.23</b>	<b>16.21</b>	<b>\$16.20</b>	<b>580.68</b>	<b>571.96</b>	<b>595.64</b>	<b>590.04</b>	<b>\$591.30</b>
Air transportation .....	481	15.45	15.44	16.02	16.00	--	560.49	551.21	595.94	571.20	--
Scheduled air transportation .....	4811	14.94	14.96	15.57	15.48	--	540.76	532.58	577.65	549.54	--
Truck transportation .....	484	15.78	15.68	16.31	16.23	--	626.59	620.93	637.72	637.84	--
General freight trucking .....	4841	16.19	16.10	16.59	16.55	--	652.31	648.83	660.28	663.66	--
General freight trucking, local .....	48411	15.35	15.21	15.69	15.44	--	621.05	611.44	619.76	606.79	--
General freight trucking, long-distance .....	48412	16.47	16.39	16.87	16.88	--	662.01	660.52	673.11	681.95	--
General freight trucking, long-distance TL .....	484121	15.97	15.83	16.26	16.24	--	642.14	637.95	643.90	652.85	--
General freight trucking, long-distance LTL .....	484122	17.68	17.74	18.37	18.50	--	709.89	713.15	749.50	754.80	--
Specialized freight trucking .....	4842	14.69	14.55	15.46	15.24	--	562.34	549.99	573.57	562.36	--
Used household and office goods moving .....	48421	12.99	12.86	13.50	13.39	--	460.95	433.38	442.80	451.24	--
Other specialized trucking, local .....	48422	14.23	14.10	15.04	14.95	--	560.80	558.36	579.04	569.60	--
Other specialized trucking, long-distance .....	48423	16.98	16.68	17.54	17.16	--	661.99	643.85	682.31	650.36	--
Transit and ground passenger transportation .....	485	12.71	12.57	12.80	12.84	--	423.33	414.81	428.80	430.14	--
Urban transit systems .....	4851	15.75	15.54	16.12	16.28	--	620.67	616.94	625.46	630.04	--
School and employee bus transportation .....	4854	12.48	12.37	12.76	12.61	--	353.78	341.41	371.32	358.12	--
Other ground passenger transportation .....	4859	11.49	11.29	11.46	11.68	--	389.65	392.89	401.10	405.30	--
Pipeline transportation .....	486	21.50	21.28	22.96	22.85	--	936.26	889.50	1,035.50	1,067.10	--
Scenic and sightseeing transportation .....	487	13.60	14.08	14.10	14.13	--	360.84	395.65	335.58	346.19	--
Support activities for transportation .....	488	16.67	16.36	17.52	17.46	--	616.36	602.05	653.50	646.02	--
Support activities for air transportation .....	4881	15.50	15.36	16.54	16.39	--	555.91	537.60	580.55	576.93	--
Airport operations .....	48811	14.46	14.26	15.10	14.84	--	500.46	484.84	516.42	506.04	--
Support activities for water transportation .....	4883	23.10	22.67	24.23	24.50	--	826.52	816.12	911.05	906.50	--
Port and harbor operations .....	48831	34.70	34.46	35.34	35.37	--	987.19	954.54	1,046.06	1,043.42	--
Marine cargo handling .....	48832	21.34	20.66	24.76	24.74	--	827.51	830.53	960.69	957.44	--
Support activities for road transportation .....	4884	15.34	15.02	15.63	15.46	--	599.08	597.80	623.64	641.59	--
Freight transportation arrangement .....	4885	15.62	15.20	16.38	16.18	--	583.43	563.92	617.53	588.95	--
Support activities for other transportation, including rail .....	4882,9	13.01	12.90	13.18	13.39	--	500.80	494.07	496.89	496.77	--
Couriers and messengers .....	491,2	14.64	14.52	15.25	15.32	--	397.73	392.04	396.50	389.13	--
Couriers .....	4921	15.29	15.13	16.15	16.30	--	399.72	391.87	402.14	392.83	--
Warehousing and storage .....	493	14.87	14.80	14.84	14.78	--	572.06	556.48	569.86	557.21	--
General warehousing and storage .....	49311	14.66	14.61	14.62	14.58	--	562.52	549.34	558.48	546.75	--
Refrigerated warehousing and storage .....	49312	16.37	16.50	16.32	16.10	--	661.60	653.40	626.69	618.24	--
Miscellaneous warehousing and storage .....	49313,9	15.35	14.91	15.36	15.34	--	578.40	538.25	612.86	599.79	--
<b>Utilities .....</b>	<b>22</b>	<b>23.94</b>	<b>23.88</b>	<b>24.41</b>	<b>24.50</b>	<b>24.49</b>	<b>978.44</b>	<b>962.36</b>	<b>1,003.25</b>	<b>1,004.50</b>	<b>1,008.99</b>
Power generation and supply .....	2211	24.56	24.43	25.41	25.58	--	1,000.69	984.53	1,036.73	1,046.22	--
Electric power generation .....	22111	25.61	25.54	26.82	26.92	--	1,043.93	1,026.71	1,096.94	1,111.80	--
Fossil fuel electric power generation .....	221112	25.50	25.22	26.74	26.97	--	1,078.06	1,056.72	1,107.04	1,143.53	--
Electric power transmission and distribution .....	22112	22.88	22.66	23.19	23.46	--	932.23	920.00	943.83	943.09	--
Electric bulk power transmission and control .....	221121	23.55	23.36	24.63	25.04	--	954.49	943.74	999.98	1,009.11	--
Electric power distribution .....	221122	22.74	22.51	22.89	23.12	--	927.11	913.91	931.62	929.42	--
Natural gas distribution .....	2212	23.58	23.63	22.90	22.70	--	1,008.80	994.82	998.44	978.37	--
Water, sewage and other systems .....	2213	18.67	18.92	18.85	18.90	--	689.38	673.55	701.22	704.97	--
<b>Information .....</b>	<b>20,23</b>	<b>20.01</b>	<b>20.88</b>	<b>20.97</b>	<b>20.97</b>	<b>20.87</b>	<b>739.41</b>	<b>726.36</b>	<b>757.94</b>	<b>752.82</b>	<b>751.32</b>
Publishing industries, except Internet .....	511	--	--	21.61	21.82	--	--	--	780.12	774.61	--
Newspaper, book, and directory publishers .....	5111	--	--	16.02	16.31	--	--	--	547.88	549.65	--
Newspaper publishers .....	51111	--	--	15.18	15.64	--	--	--	508.53	519.25	--
Periodical publishers .....	51112	--	--	18.66	18.93	--	--	--	613.91	592.51	--
Book publishers .....	51113	--	--	15.29	15.49	--	--	--	579.49	580.88	--
Directory and mailing list publishers .....	51114	--	--	14.93	14.89	--	--	--	546.44	537.53	--
Software publishers .....	5112	31.14	31.29	32.96	33.07	--	1,258.40	1,273.50	1,338.18	1,312.88	--
Motion picture and sound recording industries .....	512	21.19	20.73	21.71	21.84	--	652.86	632.27	646.96	631.18	--
Motion picture and video industries .....	5121	21.39	20.89	21.71	21.91	--	652.74	630.88	642.62	628.82	--
Motion picture and video production .....	51211	27.81	26.38	28.29	28.69	--	1,014.42	962.87	1,018.44	1,001.28	--
Motion picture and video exhibition .....	51213	6.97	7.01	7.07	7.02	--	149.57	143.00	141.40	136.89	--
Broadcasting, except Internet .....	515	18.57	18.33	19.11	19.33	--	642.44	628.72	672.67	674.62	--
Radio and television broadcasting .....	5151	19.02	18.57	20.01	20.32	--	628.06	610.95	670.34	672.59	--
Radio broadcasting .....	51511	17.51	17.01	18.38	18.51	--	470.72	452.47	510.96	505.32	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Information-Continued</b>											
Television broadcasting.....	51512	38.5	38.5	38.6	38.2	--	--	--	--	--	--
Telecommunications.....	517	39.3	38.8	39.5	39.2	--	--	--	--	--	--
Wired telecommunications carriers.....	5171	39.5	39.0	39.4	39.3	--	--	--	--	--	--
Wireless telecommunications carriers.....	5172	39.7	38.8	40.2	39.6	--	--	--	--	--	--
Cellular and other wireless carriers.....	517212	41.1	40.7	40.8	40.1	--	--	--	--	--	--
Telecommunications resellers.....	5173	38.1	37.5	39.0	38.7	--	--	--	--	--	--
Cable and other program distribution.....	5175	39.2	39.2	39.3	39.2	--	--	--	--	--	--
ISPs, search portals, and data processing.....	518	37.9	37.8	37.0	36.9	--	--	--	--	--	--
ISPs and web search portals.....	5181	37.4	37.4	38.5	38.1	--	--	--	--	--	--
Data processing and related services.....	5182	38.1	38.0	36.3	36.3	--	--	--	--	--	--
Other information services.....	519	24.3	24.7	22.7	22.9	--	--	--	--	--	--
<b>Financial activities<sup>2</sup></b> .....		35.6	35.3	36.0	35.2	35.2	--	--	--	--	--
Finance and insurance.....	52	36.6	36.3	37.0	36.2	--	--	--	--	--	--
Credit intermediation and related activities.....	522	35.8	35.5	36.3	35.4	--	--	--	--	--	--
Depository credit intermediation.....	5221	35.9	35.7	36.4	35.4	--	--	--	--	--	--
Commercial banking.....	52211	36.0	35.9	36.6	35.4	--	--	--	--	--	--
Savings institutions.....	52212	35.6	35.4	35.6	35.2	--	--	--	--	--	--
Credit unions and other depository credit intermediation.....	52213,9	35.9	35.3	36.1	35.3	--	--	--	--	--	--
Nondepository credit intermediation.....	5222	36.0	35.3	36.6	35.9	--	--	--	--	--	--
Credit card issuing.....	52221	37.5	37.3	37.7	37.3	--	--	--	--	--	--
Sales financing.....	52222	35.2	35.8	33.2	32.9	--	--	--	--	--	--
Other nondepository credit intermediation.....	52229	35.7	34.6	37.0	36.2	--	--	--	--	--	--
Consumer lending.....	522291	37.8	37.2	37.5	35.5	--	--	--	--	--	--
Real estate credit.....	522292	34.9	33.3	36.8	36.4	--	--	--	--	--	--
Miscellaneous nondepository credit intermediation.....	522293,4,8	36.2	36.4	37.1	36.2	--	--	--	--	--	--
Activities related to credit intermediation.....	5223	34.6	34.1	35.1	34.4	--	--	--	--	--	--
Mortgage and nonmortgage loan brokers.....	52231	34.5	34.1	35.8	34.8	--	--	--	--	--	--
Other credit intermediation activities.....	52239	36.2	36.1	36.9	36.1	--	--	--	--	--	--
Securities, commodity contracts, investments.....	523	37.7	37.5	38.1	36.9	--	--	--	--	--	--
Securities brokerage.....	52312	39.8	39.8	39.5	39.3	--	--	--	--	--	--
Securities and commodity contracts brokerage and exchanges.....	5231,2	38.6	38.4	39.0	37.9	--	--	--	--	--	--
Other financial investment activities.....	5239	35.9	35.8	36.3	35.2	--	--	--	--	--	--
Portfolio management.....	52392	37.1	36.9	37.8	36.2	--	--	--	--	--	--
Investment advice.....	52393	34.4	34.5	33.5	32.7	--	--	--	--	--	--
Insurance carriers and related activities.....	524	37.1	36.8	37.5	36.8	--	--	--	--	--	--
Insurance carriers.....	5241	38.1	37.7	38.2	37.6	--	--	--	--	--	--
Direct life and health insurance carriers.....	52411	38.6	38.2	38.4	37.8	--	--	--	--	--	--
Direct life insurance carriers.....	524113	38.8	38.3	37.9	37.0	--	--	--	--	--	--
Direct health and medical insurance carriers.....	524114	38.3	38.0	39.0	38.7	--	--	--	--	--	--
Direct insurers, except life and health.....	52412	37.6	37.2	37.9	37.4	--	--	--	--	--	--
Direct property and casualty insurers.....	524126	37.5	37.1	37.5	37.0	--	--	--	--	--	--
Direct title insurance and other direct insurance carriers.....	524127,8	38.4	37.8	39.9	39.9	--	--	--	--	--	--
Reinsurance carriers.....	52413	36.3	35.4	37.5	36.7	--	--	--	--	--	--
Insurance agencies, brokerages, and related services.....	5242	35.4	35.2	36.5	35.3	--	--	--	--	--	--
Insurance agencies and brokerages.....	52421	34.8	34.6	35.5	34.4	--	--	--	--	--	--
Other insurance-related activities.....	52429	37.1	37.0	39.2	37.9	--	--	--	--	--	--
Claims adjusting.....	524291	37.7	37.6	40.3	37.9	--	--	--	--	--	--
Third-party administration of insurance funds.....	524292	37.9	37.2	40.4	39.5	--	--	--	--	--	--
Funds, trusts, and other financial vehicles.....	525	37.9	37.5	37.5	36.5	--	--	--	--	--	--
Other investment pools and funds.....	5259	38.2	37.7	39.0	38.8	--	--	--	--	--	--
Real estate and rental and leasing.....	53	32.8	32.5	33.1	32.5	--	--	--	--	--	--
Real estate.....	531	33.2	32.9	33.7	33.1	--	--	--	--	--	--
Lessors of real estate.....	5311	33.2	32.8	33.8	33.6	--	--	--	--	--	--
Lessors of residential buildings.....	53111	33.7	33.3	34.5	34.0	--	--	--	--	--	--
Lessors of nonresidential buildings.....	53112	32.9	32.6	33.7	34.1	--	--	--	--	--	--
Lessors of other real estate property.....	53119	33.7	33.2	34.0	33.4	--	--	--	--	--	--
Offices of real estate agents and brokers.....	5312	32.6	32.7	33.3	32.0	--	--	--	--	--	--
Activities related to real estate.....	5313	33.7	33.2	33.9	33.2	--	--	--	--	--	--

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	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
Information-Continued											
Television broadcasting.....	51512	\$19.97	\$19.53	\$21.05	\$21.44	--	\$769.04	\$751.91	\$812.53	\$819.01	--
Telecommunications.....	517	19.37	19.04	20.28	20.39	--	761.36	738.75	801.06	799.29	--
Wired telecommunications carriers.....	5171	20.82	20.28	21.52	21.64	--	822.32	790.92	847.89	850.45	--
Wireless telecommunications carriers.....	5172	15.74	15.29	17.46	18.15	--	624.28	593.25	701.89	718.74	--
Cellular and other wireless carriers.....	517212	15.66	15.12	17.46	18.24	--	643.52	615.38	712.37	731.42	--
Telecommunications resellers.....	5173	20.86	21.11	21.36	20.89	--	794.26	791.63	833.04	808.44	--
Cable and other program distribution.....	5175	15.72	15.61	16.48	16.45	--	616.75	611.91	647.66	644.84	--
ISPs, search portals, and data processing.....	518	20.67	20.25	21.85	21.53	--	783.61	765.45	808.45	794.46	--
ISPs and web search portals.....	5181	25.82	25.48	25.40	24.72	--	966.70	952.95	977.90	941.83	--
Data processing and related services.....	5182	18.30	17.87	20.06	19.92	--	697.87	679.06	728.18	723.10	--
Other information services.....	519	12.61	12.64	14.21	14.54	--	306.79	312.21	322.57	332.97	--
Financial activities <sup>2</sup> .....		16.17	15.94	16.89	16.95	\$16.92	575.43	562.68	608.04	596.64	\$595.58
Finance and insurance.....	52	17.28	16.98	18.06	18.15	--	632.14	616.37	668.22	657.03	--
Credit intermediation and related activities.....	522	14.31	13.95	15.17	15.37	--	512.40	495.23	550.67	544.10	--
Depository credit intermediation.....	5221	12.75	12.50	13.36	13.44	--	457.83	446.25	486.30	475.78	--
Commercial banking.....	52211	12.55	12.24	13.20	13.29	--	451.33	439.42	483.12	470.47	--
Savings institutions.....	52212	13.62	13.49	14.23	14.34	--	485.20	477.55	506.59	504.77	--
Credit unions and other depository credit intermediation.....	52213,9	12.94	12.88	13.36	13.36	--	463.85	454.66	482.30	471.61	--
Nondepository credit intermediation.....	5222	17.53	16.89	18.92	19.36	--	630.86	596.22	692.47	695.02	--
Credit card issuing.....	52221	13.32	13.06	14.54	14.58	--	499.54	487.14	548.16	543.83	--
Sales financing.....	52222	14.65	14.42	15.56	15.74	--	516.47	516.24	516.59	517.85	--
Other nondepository credit intermediation.....	52229	19.40	18.64	20.80	21.43	--	692.60	644.94	769.60	775.77	--
Consumer lending.....	522291	13.02	13.37	12.96	12.78	--	492.27	497.36	486.00	453.69	--
Real estate credit.....	522292	22.33	21.24	24.17	25.02	--	779.77	707.29	889.46	910.73	--
Miscellaneous nondepository credit intermediation.....	522293,4,8	16.39	16.00	17.19	17.34	--	593.28	582.40	637.75	627.71	--
Activities related to credit intermediation.....	5223	16.06	15.93	16.71	16.81	--	554.79	543.21	586.52	578.26	--
Mortgage and nonmortgage loan brokers.....	52231	17.90	17.30	20.25	20.06	--	617.03	589.93	724.95	698.09	--
Other credit intermediation activities.....	52239	16.15	16.10	14.98	15.35	--	584.10	581.21	552.76	554.14	--
Securities, commodity contracts, investments.....	523	22.49	22.08	23.60	23.25	--	846.69	828.00	899.16	857.93	--
Securities brokerage.....	52312	21.35	21.12	21.72	21.52	--	850.12	840.58	857.94	845.74	--
Securities and commodity contracts brokerage and exchanges.....	5231,2	22.09	21.79	23.22	22.87	--	853.37	836.74	905.58	866.77	--
Other financial investment activities.....	5239	23.28	22.67	24.33	24.01	--	834.82	811.59	883.18	845.15	--
Portfolio management.....	52392	25.45	25.10	25.58	25.47	--	944.18	926.19	966.92	922.01	--
Investment advice.....	52393	21.93	21.29	22.54	22.17	--	755.01	734.51	755.09	724.96	--
Insurance carriers and related activities.....	524	18.87	18.64	19.56	19.71	--	700.62	685.95	733.50	725.33	--
Insurance carriers.....	5241	19.54	19.35	20.17	20.32	--	744.81	729.50	770.49	764.03	--
Direct life and health insurance carriers.....	52411	18.90	18.66	19.32	19.36	--	729.32	712.81	741.89	731.81	--
Direct life insurance carriers.....	524113	19.17	18.81	19.58	19.60	--	743.81	720.42	742.08	725.20	--
Direct health and medical insurance carriers.....	524114	18.60	18.48	19.04	19.11	--	711.97	702.24	742.56	739.56	--
Direct insurers, except life and health.....	52412	20.34	20.21	21.22	21.48	--	764.97	751.81	804.24	803.35	--
Direct property and casualty insurers.....	524126	21.18	21.00	21.77	21.67	--	793.80	779.10	816.38	801.79	--
Direct title insurance and other direct insurance carriers.....	524127,8	15.59	15.71	18.32	20.46	--	598.83	593.84	730.97	816.35	--
Reinsurance carriers.....	52413	19.72	19.86	20.21	20.64	--	716.18	703.04	757.88	757.49	--
Insurance agencies, brokerages, and related services.....	5242	17.61	17.31	18.46	18.61	--	623.96	609.31	673.79	656.93	--
Insurance agencies and brokerages.....	52421	17.30	16.90	18.33	18.44	--	602.50	584.74	650.72	634.34	--
Other insurance-related activities.....	52429	18.44	18.39	18.82	19.04	--	684.89	680.43	737.74	721.62	--
Claims adjusting.....	524291	20.37	19.93	20.67	20.36	--	767.35	749.37	833.00	771.64	--
Third-party administration of insurance funds.....	524292	17.13	17.21	17.86	18.38	--	648.38	640.21	721.54	726.01	--
Funds, trusts, and other financial vehicles.....	525	19.90	19.24	21.04	20.95	--	754.14	721.50	789.00	764.68	--
Other investment pools and funds.....	5259	18.86	18.92	18.89	18.76	--	721.39	713.28	736.71	727.89	--
Real estate and rental and leasing.....	53	12.79	12.76	13.19	13.22	--	419.51	414.70	436.59	429.65	--
Real estate.....	531	12.87	12.77	13.37	13.39	--	427.60	420.13	450.57	443.21	--
Lessors of real estate.....	5311	12.05	11.90	12.62	12.56	--	399.45	390.32	426.56	422.02	--
Lessors of residential buildings.....	53111	11.98	11.83	12.46	12.48	--	404.06	393.94	429.87	424.32	--
Lessors of nonresidential buildings.....	53112	12.76	12.61	13.66	13.46	--	420.17	411.09	460.34	458.99	--
Lessors of other real estate property.....	53119	10.47	10.41	11.11	10.73	--	352.83	345.61	377.74	358.38	--
Offices of real estate agents and brokers.....	5312	12.67	12.58	13.22	13.28	--	412.78	411.37	440.23	424.96	--
Activities related to real estate.....	5313	14.19	14.15	14.57	14.69	--	478.10	469.78	493.92	487.71	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Financial activities—Continued</b>											
Real estate property managers.....	53131	33.7	33.1	33.8	33.1	--	--	--	--	--	--
Residential property managers.....	531311	33.2	32.6	33.3	32.7	--	--	--	--	--	--
Nonresidential property managers.....	531312	34.7	34.4	35.1	34.0	--	--	--	--	--	--
Rental and leasing services.....	532	31.9	31.7	31.8	31.1	--	--	--	--	--	--
Automotive equipment rental and leasing.....	5321	33.5	33.2	32.9	31.4	--	--	--	--	--	--
Passenger car rental and leasing.....	53211	32.7	32.3	32.0	29.9	--	--	--	--	--	--
Consumer goods rental.....	5322	26.8	26.4	27.0	27.2	--	--	--	--	--	--
Video tape and disc rental.....	53223	21.4	21.3	22.3	21.6	--	--	--	--	--	--
Miscellaneous consumer goods rental.....	53221,2,9	33.6	32.6	33.1	34.2	--	--	--	--	--	--
General rental centers.....	5323	34.6	35.0	34.8	34.9	--	--	--	--	--	--
Machinery and equipment rental and leasing.....	5324	41.5	41.3	42.4	40.9	--	--	--	--	--	--
Heavy machinery rental and leasing.....	53241	45.6	44.9	46.8	43.9	--	--	--	--	--	--
<b>Professional and business services</b> .....		34.2	34.1	34.4	34.0	34.0	--	--	--	--	--
Professional and technical services.....	54	35.6	35.7	36.0	35.2	--	--	--	--	--	--
Legal services.....	5411	36.0	35.8	36.4	35.3	--	--	--	--	--	--
Offices of lawyers.....	54111	35.9	35.8	36.3	35.2	--	--	--	--	--	--
Other legal services.....	54119	36.6	35.9	37.9	37.1	--	--	--	--	--	--
Accounting and bookkeeping services.....	5412	33.7	35.3	34.4	33.6	--	--	--	--	--	--
Offices of certified public accountants.....	541211	34.2	37.0	38.1	37.3	--	--	--	--	--	--
Tax preparation services.....	541213	27.8	30.1	28.1	26.1	--	--	--	--	--	--
Payroll services.....	541214	38.8	39.6	37.4	36.3	--	--	--	--	--	--
Other accounting services.....	541219	33.0	34.4	33.3	33.0	--	--	--	--	--	--
Architectural and engineering services.....	5413	38.3	38.1	38.7	38.2	--	--	--	--	--	--
Architectural services.....	54131	37.3	36.7	39.3	38.6	--	--	--	--	--	--
Landscape architectural services.....	54132	37.4	36.2	37.5	36.4	--	--	--	--	--	--
Engineering and drafting services.....	54133,4	38.6	38.4	38.8	38.3	--	--	--	--	--	--
Building inspection, surveying, and mapping services.....	54135,6,7	37.8	37.8	38.2	37.7	--	--	--	--	--	--
Testing laboratories.....	54138	38.8	38.8	37.9	38.4	--	--	--	--	--	--
Specialized design services.....	5414	34.2	34.1	34.6	34.8	--	--	--	--	--	--
Interior design services.....	54141	33.5	34.0	31.4	31.2	--	--	--	--	--	--
Graphic design services.....	54143	34.4	33.8	35.0	35.2	--	--	--	--	--	--
Computer systems design and related services.....	5415	38.1	38.0	38.5	37.3	--	--	--	--	--	--
Custom computer programming services.....	541511	38.7	38.4	39.5	38.2	--	--	--	--	--	--
Computer systems design services.....	541512	37.9	38.1	38.0	36.7	--	--	--	--	--	--
Other computer-related services.....	541519	37.2	37.7	36.8	36.6	--	--	--	--	--	--
Management and technical consulting services.....	5416	35.3	35.0	35.8	35.0	--	--	--	--	--	--
Management consulting services.....	54161	35.2	34.7	35.8	35.2	--	--	--	--	--	--
Administrative management consulting services.....	541611	34.2	33.4	35.6	35.3	--	--	--	--	--	--
Human resource consulting services.....	541612	35.9	35.6	36.9	36.1	--	--	--	--	--	--
Marketing consulting services.....	541613	35.8	35.7	34.9	33.9	--	--	--	--	--	--
Process and logistics consulting services.....	541614	36.6	36.4	35.8	35.7	--	--	--	--	--	--
Other management consulting services.....	541618	36.3	35.7	35.6	34.5	--	--	--	--	--	--
Environmental consulting services.....	54162	37.3	37.3	37.0	36.2	--	--	--	--	--	--
Other technical consulting services.....	54169	33.8	35.3	34.6	31.9	--	--	--	--	--	--
Scientific research and development services.....	5417	36.0	36.1	36.4	36.0	--	--	--	--	--	--
Physical, engineering, and biological research.....	54171	36.3	36.6	36.7	36.5	--	--	--	--	--	--
Social science and humanities research.....	54172	33.7	32.7	34.1	33.0	--	--	--	--	--	--
Advertising and related services.....	5418	34.2	33.9	35.1	33.8	--	--	--	--	--	--
Advertising agencies.....	54181	34.8	34.9	36.2	34.8	--	--	--	--	--	--
Public relations agencies.....	54182	35.7	36.1	36.1	35.2	--	--	--	--	--	--
Direct mail advertising.....	54186	36.2	35.3	37.7	36.1	--	--	--	--	--	--
Advertising material distribution and other advertising services.....	54187,9	28.4	27.1	28.7	28.3	--	--	--	--	--	--
Other professional and technical services.....	5419	27.0	26.5	27.4	27.0	--	--	--	--	--	--
Marketing research and public opinion polling.....	54191	25.7	24.9	26.9	26.4	--	--	--	--	--	--
Photographic services.....	54192	25.7	24.8	26.2	25.0	--	--	--	--	--	--
Veterinary services.....	54194	26.9	26.8	26.7	26.6	--	--	--	--	--	--
Miscellaneous professional and technical services.....	54193,9	32.8	31.9	34.3	33.4	--	--	--	--	--	--
<b>Management of companies and enterprises</b> .....	55	34.8	34.2	35.6	35.0	--	--	--	--	--	--
Offices of bank holding companies and of other holding companies.....	551111,2	37.7	36.3	39.4	38.8	--	--	--	--	--	--
Managing offices.....	551114	34.7	34.1	35.4	34.8	--	--	--	--	--	--
<b>Administrative and waste services</b> .....	56	33.0	32.9	33.0	32.8	--	--	--	--	--	--

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	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Financial activities-Continued</b>											
Real estate property managers.....	53131	\$13.73	\$13.69	\$14.20	\$14.37	--	\$462.33	\$453.14	\$479.96	\$475.65	--
Residential property managers.....	531311	12.70	12.63	13.05	13.27	--	422.03	411.74	434.57	433.93	--
Nonresidential property managers.....	531312	16.03	16.02	16.68	16.77	--	556.60	551.09	585.47	570.18	--
Rental and leasing services.....	532	12.32	12.42	12.54	12.58	--	392.97	393.71	398.77	391.24	--
Automotive equipment rental and leasing.....	5321	11.44	11.56	11.81	11.97	--	383.24	383.79	388.55	375.86	--
Passenger car rental and leasing.....	53211	11.25	11.37	11.75	12.01	--	367.26	367.25	376.00	359.10	--
Consumer goods rental.....	5322	10.32	10.39	10.21	10.17	--	276.64	274.30	275.67	276.62	--
Video tape and disc rental.....	53223	7.57	7.68	7.57	7.59	--	162.12	163.58	168.81	163.94	--
Miscellaneous consumer goods rental.....	53221,2,9	12.50	12.56	12.52	12.24	--	419.31	409.46	414.41	418.61	--
General rental centers.....	5323	16.66	16.62	16.50	16.20	--	575.86	581.70	574.20	565.38	--
Machinery and equipment rental and leasing.....	5324	15.21	15.29	16.43	16.81	--	630.95	631.48	696.63	687.53	--
Heavy machinery rental and leasing.....	53241	14.93	15.09	15.93	16.71	--	680.51	677.54	745.52	733.57	--
<b>Professional and business services</b> .....		16.81	16.64	17.36	17.21	\$17.18	574.59	567.42	597.18	585.14	\$584.12
Professional and technical services.....	54	22.00	21.70	22.29	22.15	--	783.46	774.69	802.44	779.68	--
Legal services.....	5411	22.52	22.58	22.50	22.21	--	810.35	808.36	819.00	784.01	--
Offices of lawyers.....	54111	23.04	23.13	23.01	22.69	--	827.93	828.05	835.26	798.69	--
Other legal services.....	54119	14.95	14.47	15.79	15.99	--	547.83	519.47	598.44	593.23	--
Accounting and bookkeeping services.....	5412	15.95	15.44	15.56	15.64	--	537.74	545.03	535.26	525.50	--
Offices of certified public accountants.....	541211	18.07	17.79	18.15	18.33	--	617.94	658.23	691.52	683.71	--
Tax preparation services.....	541213	11.39	10.84	10.90	10.71	--	316.63	326.28	306.29	279.53	--
Payroll services.....	541214	15.72	15.82	17.33	16.74	--	610.27	626.47	648.14	607.66	--
Other accounting services.....	541219	14.47	14.16	13.99	13.86	--	477.88	487.10	465.87	457.38	--
Architectural and engineering services.....	5413	21.60	21.45	22.33	22.14	--	828.04	817.25	864.17	845.75	--
Architectural services.....	54131	21.02	20.87	21.22	20.81	--	783.29	765.93	833.95	803.27	--
Landscape architectural services.....	54132	15.96	15.48	17.35	17.01	--	597.14	560.38	650.63	619.16	--
Engineering and drafting services.....	54133,4	23.26	23.15	24.08	23.99	--	898.24	888.96	934.30	918.82	--
Building inspection, surveying, and mapping services.....	54135,6,7	16.79	16.84	17.02	17.07	--	635.33	636.55	650.16	643.54	--
Testing laboratories.....	54138	17.23	16.96	17.91	17.60	--	668.76	658.05	678.79	675.84	--
Specialized design services.....	5414	16.40	17.02	16.66	16.77	--	561.08	580.38	576.44	583.60	--
Interior design services.....	54141	15.76	16.75	15.69	15.32	--	527.75	569.50	492.67	477.98	--
Graphic design services.....	54143	16.30	16.52	17.34	17.69	--	561.39	558.38	606.90	622.69	--
Computer systems design and related services.....	5415	28.97	28.59	29.65	29.52	--	1,102.80	1,086.42	1,141.53	1,101.10	--
Custom computer programming services.....	541511	30.08	29.47	30.46	30.46	--	1,164.33	1,131.65	1,203.17	1,163.57	--
Computer systems design services.....	541512	30.22	30.04	31.15	30.95	--	1,144.00	1,144.52	1,183.70	1,135.87	--
Other computer-related services.....	541519	23.82	23.33	24.86	24.66	--	885.89	879.54	914.85	902.56	--
Management and technical consulting services.....	5416	22.89	22.41	23.84	23.53	--	808.82	784.35	853.47	823.55	--
Management consulting services.....	54161	23.27	22.77	24.03	23.68	--	820.09	790.12	860.27	833.54	--
Administrative management consulting services.....	541611	23.03	21.97	23.33	22.94	--	786.49	733.80	830.55	809.78	--
Human resource consulting services.....	541612	24.51	24.37	25.83	25.15	--	879.56	867.57	953.13	907.92	--
Marketing consulting services.....	541613	21.86	21.80	22.42	22.07	--	782.41	778.26	782.46	748.17	--
Process and logistics consulting services.....	541614	22.03	22.87	22.22	22.22	--	806.68	832.47	795.48	793.25	--
Other management consulting services.....	541618	24.58	23.81	26.92	26.92	--	893.43	850.02	958.35	928.74	--
Environmental consulting services.....	54162	22.44	22.51	23.23	23.06	--	837.47	839.62	859.51	834.77	--
Other technical consulting services.....	54169	19.28	18.18	22.57	22.49	--	652.06	641.75	780.92	717.43	--
Scientific research and development services.....	5417	23.51	23.59	25.17	24.95	--	845.65	851.60	916.19	898.20	--
Physical, engineering, and biological research.....	54171	23.82	23.91	25.59	25.39	--	865.42	875.11	939.15	926.74	--
Social science and humanities research.....	54172	21.19	21.17	22.14	21.73	--	713.24	692.26	754.97	717.09	--
Advertising and related services.....	5418	17.59	17.48	17.82	17.67	--	602.05	592.57	625.48	597.25	--
Advertising agencies.....	54181	21.25	21.17	21.36	21.09	--	739.51	738.83	773.23	733.93	--
Public relations agencies.....	54182	20.97	20.37	21.81	21.70	--	747.85	735.36	787.34	763.84	--
Direct mail advertising.....	54186	12.68	12.82	13.25	13.22	--	459.20	452.55	499.53	477.24	--
Advertising material distribution and other advertising services.....	54187,9	12.68	12.40	12.10	11.93	--	359.63	336.04	347.27	337.62	--
Other professional and technical services.....	5419	14.52	14.34	15.35	15.33	--	391.34	380.01	420.59	413.91	--
Marketing research and public opinion polling.....	54191	19.26	19.04	20.36	20.59	--	495.08	474.10	547.68	543.58	--
Photographic services.....	54192	11.48	11.46	12.66	12.75	--	295.34	284.21	331.69	318.75	--
Veterinary services.....	54194	12.79	12.83	12.99	12.93	--	343.46	343.84	346.83	343.94	--
Miscellaneous professional and technical services.....	54193,9	16.82	16.15	17.93	17.88	--	551.33	515.19	615.00	597.19	--
<b>Management of companies and enterprises</b> .....	55	16.33	16.06	16.90	16.80	--	568.76	549.25	601.64	588.00	--
Offices of bank holding companies and of other holding companies.....	551111,2	20.67	20.59	21.83	21.86	--	780.21	747.42	860.10	848.17	--
Managing offices.....	551114	16.11	15.85	16.63	16.53	--	558.94	540.49	588.70	575.24	--
Administrative and waste services.....	56	12.65	12.52	13.08	13.08	--	417.19	411.91	431.64	429.02	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Professional and business services-Continued</b>											
Administrative and support services.....	561	32.6	32.6	32.6	32.4	--	--	--	--	--	--
Office administrative services.....	5611	34.8	35.1	35.0	33.9	--	--	--	--	--	--
Facilities support services.....	5612	36.8	36.9	39.9	39.2	--	--	--	--	--	--
Employment services.....	5613	32.6	32.7	32.5	32.1	--	--	--	--	--	--
Employment placement agencies.....	56131	30.9	30.8	30.6	31.4	--	--	--	--	--	--
Temporary help services.....	56132	32.3	32.5	32.5	32.0	--	--	--	--	--	--
Professional employer organizations.....	56133	33.9	34.1	33.1	32.8	--	--	--	--	--	--
Business support services.....	5614	31.6	31.0	32.4	31.9	--	--	--	--	--	--
Telephone call centers.....	56142	28.8	27.7	29.8	29.3	--	--	--	--	--	--
Telephone answering services.....	561421	32.0	30.1	33.8	33.3	--	--	--	--	--	--
Telemarketing bureaus.....	561422	28.2	27.3	29.2	28.7	--	--	--	--	--	--
Business service centers.....	56143	34.2	33.0	36.7	36.1	--	--	--	--	--	--
Collection agencies.....	56144	36.8	37.1	36.4	35.5	--	--	--	--	--	--
Other business support services.....	56149	33.6	33.7	34.0	33.9	--	--	--	--	--	--
Travel arrangement and reservation services.....	5615	33.2	33.0	33.6	33.4	--	--	--	--	--	--
Travel agencies.....	56151	34.1	33.5	34.3	34.1	--	--	--	--	--	--
Tour operators.....	56152	32.7	33.4	34.2	34.5	--	--	--	--	--	--
Other travel arrangement services.....	56159	32.2	32.3	32.4	32.2	--	--	--	--	--	--
Investigation and security services.....	5616	35.3	34.4	35.1	35.1	--	--	--	--	--	--
Security and armored car services.....	56161	34.7	33.6	34.6	34.5	--	--	--	--	--	--
Security guards and patrols and armored car services.....	561612,3	34.7	33.7	34.7	34.7	--	--	--	--	--	--
Security systems services.....	56162	40.6	40.6	38.5	39.6	--	--	--	--	--	--
Services to buildings and dwellings.....	5617	31.3	31.4	30.7	31.2	--	--	--	--	--	--
Exterminating and pest control services.....	56171	34.8	34.5	36.1	36.6	--	--	--	--	--	--
Janitorial services.....	56172	27.1	27.0	27.4	27.4	--	--	--	--	--	--
Landscaping services.....	56173	37.7	38.0	36.2	36.6	--	--	--	--	--	--
Carpet and upholstery cleaning services.....	56174	32.2	32.3	30.8	30.6	--	--	--	--	--	--
Other services to buildings and dwellings.....	56179	34.1	34.9	35.2	34.2	--	--	--	--	--	--
Other support services.....	5619	32.5	32.5	32.6	31.7	--	--	--	--	--	--
Packaging and labeling services.....	56191	34.1	33.3	33.4	32.0	--	--	--	--	--	--
Convention and trade show organizers.....	56192	32.7	32.1	35.4	34.6	--	--	--	--	--	--
All other support services.....	56199	31.9	32.4	31.7	30.8	--	--	--	--	--	--
Waste management and remediation services.....	562	41.3	40.5	41.5	41.5	--	--	--	--	--	--
Waste collection.....	5621	41.9	40.9	43.1	42.3	--	--	--	--	--	--
Waste treatment and disposal.....	5622	40.9	40.0	40.7	41.2	--	--	--	--	--	--
Nonhazardous waste treatment and disposal.....	562212,3,9	41.9	41.1	41.5	41.6	--	--	--	--	--	--
Remediation and other waste services.....	5629	41.1	40.6	40.7	41.2	--	--	--	--	--	--
Remediation services.....	56291	39.8	39.6	38.2	38.7	--	--	--	--	--	--
<b>Education and health services.....</b>		32.4	32.2	32.6	32.3	32.3	--	--	--	--	--
Health care and social assistance.....	62	32.3	32.1	32.6	32.2	--	--	--	--	--	--
Ambulatory health care services.....	621	31.1	30.8	31.5	31.2	--	--	--	--	--	--
Offices of physicians.....	6211	33.1	32.9	33.2	32.8	--	--	--	--	--	--
Offices of physicians, except mental health.....	621111	33.2	33.0	33.3	32.9	--	--	--	--	--	--
Offices of mental health physicians.....	621112	29.8	29.9	29.5	29.9	--	--	--	--	--	--
Offices of dentists.....	6212	27.2	26.8	27.8	27.4	--	--	--	--	--	--
Offices of other health practitioners.....	6213	29.3	28.6	29.8	29.2	--	--	--	--	--	--
Offices of chiropractors.....	62131	23.8	23.5	25.3	24.9	--	--	--	--	--	--
Offices of optometrists.....	62132	30.3	29.8	31.5	30.8	--	--	--	--	--	--
Offices of mental health practitioners.....	62133	32.4	30.9	33.0	32.5	--	--	--	--	--	--
Offices of specialty therapists.....	62134	30.2	29.4	31.0	30.1	--	--	--	--	--	--
Offices of all other health practitioners.....	62139	30.8	30.4	27.9	27.7	--	--	--	--	--	--
Outpatient care centers.....	6214	30.9	30.7	32.1	31.9	--	--	--	--	--	--
Outpatient mental health centers.....	62142	31.7	31.4	32.3	31.9	--	--	--	--	--	--
Outpatient care centers, except mental health.....	62141,9	30.6	30.4	31.9	31.9	--	--	--	--	--	--
Miscellaneous outpatient care centers.....	621410,98	31.5	31.2	31.8	31.7	--	--	--	--	--	--
Medical and diagnostic laboratories.....	6215	35.9	36.3	35.8	35.6	--	--	--	--	--	--
Medical laboratories.....	621511	36.3	36.8	36.0	35.5	--	--	--	--	--	--
Home health care services.....	6216	28.5	27.9	29.2	29.1	--	--	--	--	--	--
Other ambulatory health care services.....	6219	35.9	35.3	35.9	35.8	--	--	--	--	--	--
Ambulance services.....	62191	37.1	36.1	37.1	36.9	--	--	--	--	--	--
All other ambulatory health care services.....	62199	34.1	34.3	34.3	34.2	--	--	--	--	--	--
Blood and organ banks.....	621991	34.4	34.0	35.1	35.2	--	--	--	--	--	--
Hospitals.....	622	34.3	34.1	34.7	34.4	--	--	--	--	--	--
General medical and surgical hospitals.....	6221	34.3	34.1	34.7	34.4	--	--	--	--	--	--

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	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Professional and business services-Continued</b>											
Administrative and support services.....	561	\$12.43	\$12.30	\$12.87	\$12.85	--	\$405.44	\$400.98	\$419.56	\$416.34	--
Office administrative services.....	5611	15.70	15.71	16.30	16.45	--	545.52	551.42	570.50	557.66	--
Facilities support services.....	5612	17.45	16.85	18.07	18.09	--	641.65	621.77	720.99	709.13	--
Employment services.....	5613	13.04	12.86	13.72	13.63	--	424.78	420.52	445.90	437.52	--
Employment placement agencies.....	56131	13.94	14.01	14.70	14.71	--	430.49	431.51	449.82	461.89	--
Temporary help services.....	56132	12.73	12.65	13.02	12.86	--	411.65	411.13	423.15	411.52	--
Professional employer organizations.....	56133	13.64	13.06	15.40	15.45	--	462.63	445.35	509.74	506.76	--
Business support services.....	5614	11.90	11.87	12.06	12.14	--	376.02	367.97	390.74	387.27	--
Telephone call centers.....	56142	10.15	10.08	10.14	10.22	--	291.84	279.22	302.17	299.45	--
Telephone answering services.....	561421	10.25	10.05	11.16	11.10	--	327.80	302.51	377.21	369.63	--
Telemarketing bureaus.....	561422	10.13	10.09	9.96	10.07	--	286.02	275.46	290.83	289.01	--
Business service centers.....	56143	12.54	12.41	13.02	13.41	--	429.11	409.53	477.83	484.10	--
Collection agencies.....	56144	12.91	13.32	13.02	12.84	--	475.87	494.17	473.93	455.82	--
Other business support services.....	56149	14.62	14.27	14.98	14.88	--	491.16	480.90	509.32	504.43	--
Travel arrangement and reservation services.....	5615	13.89	13.98	14.12	14.70	--	461.62	461.34	474.43	490.98	--
Travel agencies.....	56151	15.35	15.69	15.24	16.25	--	523.86	525.62	522.73	554.13	--
Tour operators.....	56152	12.82	12.28	13.32	13.43	--	419.74	410.15	455.54	463.34	--
Other travel arrangement services.....	56159	12.24	12.16	12.80	12.97	--	394.70	392.77	414.72	417.63	--
Investigation and security services.....	5616	10.58	10.48	10.82	10.81	--	373.68	360.51	379.78	379.43	--
Security and armored car services.....	56161	9.92	9.81	10.15	10.16	--	344.03	329.62	351.19	350.52	--
Security guards and patrols and armored car services.....	561612,3	9.69	9.59	9.87	9.88	--	335.95	323.18	342.49	342.84	--
Security systems services.....	56162	14.93	14.89	15.25	15.03	--	605.93	604.53	587.13	595.19	--
Services to buildings and dwellings.....	5617	10.69	10.62	10.78	10.90	--	334.50	333.47	330.95	340.08	--
Exterminating and pest control services.....	56171	13.50	13.32	14.31	14.43	--	469.74	459.54	516.59	528.14	--
Janitorial services.....	56172	9.25	9.20	9.25	9.26	--	250.94	248.40	253.45	253.72	--
Landscaping services.....	56173	11.73	11.63	12.10	12.08	--	442.13	441.94	438.02	442.13	--
Carpet and upholstery cleaning services.....	56174	11.54	11.42	11.92	12.13	--	371.84	368.87	367.14	371.18	--
Other services to buildings and dwellings.....	56179	13.78	13.59	14.30	14.04	--	470.09	474.29	503.36	480.17	--
Other support services.....	5619	14.47	14.17	14.11	14.41	--	469.91	460.53	459.99	456.80	--
Packaging and labeling services.....	56191	10.18	10.13	10.50	10.57	--	347.50	337.33	350.70	338.24	--
Convention and trade show organizers.....	56192	23.44	23.57	21.44	21.76	--	766.81	756.60	758.98	752.90	--
All other support services.....	56199	13.21	12.99	13.41	13.56	--	421.37	420.88	425.10	417.65	--
Waste management and remediation services.....	562	16.91	16.75	17.13	17.27	--	698.18	678.38	710.90	716.71	--
Waste collection.....	5621	14.47	14.27	15.05	15.23	--	606.16	583.64	648.66	644.23	--
Waste treatment and disposal.....	5622	17.04	16.71	17.96	18.00	--	696.89	668.40	730.97	741.60	--
Nonhazardous waste treatment and disposal.....	562212,3,9	15.75	15.84	16.27	16.17	--	659.46	651.02	675.21	672.67	--
Remediation and other waste services.....	5629	19.53	19.68	18.60	18.63	--	802.41	799.01	757.02	767.56	--
Remediation services.....	56291	22.86	23.07	22.68	22.66	--	910.49	913.57	866.38	876.94	--
<b>Education and health services.....</b>		15.22	15.03	15.62	15.55	\$15.57	493.02	483.97	509.21	502.27	\$502.91
Health care and social assistance.....	62	15.33	15.11	15.82	15.74	--	495.40	485.03	515.73	506.83	--
Ambulatory health care services.....	621	16.27	16.03	16.86	16.74	--	505.62	493.72	531.09	522.29	--
Offices of physicians.....	6211	17.05	16.65	17.90	17.77	--	563.87	547.79	594.28	582.86	--
Offices of physicians, except mental health.....	621111	17.05	16.64	17.93	17.79	--	565.60	549.12	597.07	585.29	--
Offices of mental health physicians.....	621112	17.08	17.28	16.30	16.58	--	509.44	516.67	480.85	495.74	--
Offices of dentists.....	6212	17.79	17.61	18.23	18.16	--	484.17	471.95	506.79	497.58	--
Offices of other health practitioners.....	6213	15.48	15.35	15.54	15.46	--	453.05	439.01	463.09	451.43	--
Offices of chiropractors.....	62131	12.59	12.38	13.06	13.00	--	300.02	290.93	330.42	323.70	--
Offices of optometrists.....	62132	12.41	12.27	12.47	12.44	--	375.92	365.65	392.81	383.15	--
Offices of mental health practitioners.....	62133	16.14	16.66	15.77	15.30	--	523.26	514.79	520.41	497.25	--
Offices of specialty therapists.....	62134	17.67	17.28	18.04	18.08	--	534.52	508.03	559.24	544.21	--
Offices of all other health practitioners.....	62139	16.43	16.59	16.15	16.11	--	505.77	504.34	450.59	446.25	--
Outpatient care centers.....	6214	16.51	16.36	17.40	17.40	--	510.65	502.25	558.54	555.06	--
Outpatient mental health centers.....	62142	14.88	14.73	15.26	15.02	--	471.93	462.52	492.90	479.14	--
Outpatient care centers, except mental health.....	62141,9	17.35	17.20	18.45	18.55	--	530.44	522.88	588.56	591.75	--
Miscellaneous outpatient care centers.....	621410,98	16.72	16.72	18.04	18.13	--	526.71	521.66	573.67	574.72	--
Medical and diagnostic laboratories.....	6215	17.11	17.01	17.58	17.48	--	614.07	617.46	629.36	622.29	--
Medical laboratories.....	621511	16.77	16.70	17.27	17.04	--	609.36	614.56	621.72	604.92	--
Home health care services.....	6216	13.37	13.36	13.67	13.54	--	380.45	372.74	399.16	394.01	--
Other ambulatory health care services.....	6219	13.62	13.52	13.94	13.88	--	488.74	477.26	500.45	496.90	--
Ambulance services.....	62191	12.47	12.20	12.60	12.46	--	462.57	440.42	467.46	459.77	--
All other ambulatory health care services.....	62199	15.35	15.41	15.90	15.94	--	524.16	528.56	545.37	545.15	--
Blood and organ banks.....	621991	14.68	14.67	15.43	15.49	--	504.80	498.78	541.59	545.25	--
Hospitals.....	622	18.63	18.38	19.23	19.13	--	638.25	626.76	667.28	658.07	--
General medical and surgical hospitals.....	6221	18.70	18.43	19.34	19.24	--	641.53	628.46	671.10	661.86	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Education and health services-Continued</b>											
Psychiatric and substance abuse hospitals.....	6222	35.7	35.6	36.9	36.2	--	--	--	--	--	--
Other hospitals.....	6223	32.1	32.1	32.1	32.5	--	--	--	--	--	--
Nursing and residential care facilities.....	623	32.8	32.5	32.7	32.3	--	--	--	--	--	--
Nursing care facilities.....	6231	32.5	32.3	32.3	32.0	--	--	--	--	--	--
Residential mental health facilities.....	6232	34.1	33.8	33.9	33.4	--	--	--	--	--	--
Residential mental retardation facilities.....	62321	33.8	33.6	33.4	33.2	--	--	--	--	--	--
Residential mental and substance abuse care.....	62322	34.9	34.4	34.9	33.8	--	--	--	--	--	--
Community care facilities for the elderly.....	6233	32.0	31.6	32.1	31.6	--	--	--	--	--	--
Continuing care retirement communities.....	623311	32.3	32.1	32.3	32.0	--	--	--	--	--	--
Homes for the elderly.....	623312	31.8	31.2	31.9	31.2	--	--	--	--	--	--
Other residential care facilities.....	6239	34.3	33.7	34.8	34.3	--	--	--	--	--	--
Social assistance.....	624	30.3	30.0	30.2	29.9	--	--	--	--	--	--
Individual and family services.....	6241	31.0	30.7	30.9	30.4	--	--	--	--	--	--
Child and youth services.....	62411	30.2	29.4	30.2	29.5	--	--	--	--	--	--
Services for the elderly and disabled.....	62412	31.0	31.0	31.1	30.6	--	--	--	--	--	--
Other individual and family services.....	62419	31.3	30.9	31.0	30.5	--	--	--	--	--	--
Emergency and other relief services.....	6242	30.9	30.4	30.6	30.0	--	--	--	--	--	--
Community food services.....	62421	28.4	27.8	28.9	28.3	--	--	--	--	--	--
Community housing, emergency, and relief services.....	62422,3	31.7	31.2	31.1	30.6	--	--	--	--	--	--
Vocational rehabilitation services.....	6243	29.5	29.6	29.4	29.3	--	--	--	--	--	--
Child day care services.....	6244	29.9	29.5	29.8	29.6	--	--	--	--	--	--
<b>Leisure and hospitality.....</b>		25.8	25.5	25.7	25.3	25.5	--	--	--	--	--
Arts, entertainment, and recreation.....	71	25.7	25.0	25.4	25.0	--	--	--	--	--	--
Performing arts and spectator sports.....	711	27.0	25.7	27.7	25.9	--	--	--	--	--	--
Performing arts companies.....	7111	22.8	21.5	24.7	23.4	--	--	--	--	--	--
Musical groups and artists.....	71113	17.3	16.0	18.0	16.7	--	--	--	--	--	--
Theater, dance, and other performing arts companies.....	71111,12,19	25.7	24.9	26.9	25.9	--	--	--	--	--	--
Spectator sports.....	7112	30.3	28.3	31.0	27.5	--	--	--	--	--	--
Racetracks.....	711212	28.0	26.9	28.6	27.4	--	--	--	--	--	--
Arts and sports promoters and agents and managers for public figures.....	7113,4	26.4	25.7	25.1	25.2	--	--	--	--	--	--
Independent artists, writers, and performers.....	7115	30.9	31.6	32.1	30.0	--	--	--	--	--	--
Museums, historical sites, zoos, and parks.....	712	28.6	27.9	28.7	27.8	--	--	--	--	--	--
Museums.....	71211	29.1	28.2	28.9	28.5	--	--	--	--	--	--
Zoos, botanical gardens, nature parks, and similar institutions.....	71213,9	30.2	29.4	29.5	27.8	--	--	--	--	--	--
Amusements, gambling, and recreation.....	713	25.1	24.6	24.5	24.5	--	--	--	--	--	--
Amusement parks and arcades.....	7131	26.1	23.6	24.9	25.0	--	--	--	--	--	--
Amusement and theme parks.....	71311	25.3	22.6	23.7	23.9	--	--	--	--	--	--
Gambling industries.....	7132	33.3	33.7	34.6	33.9	--	--	--	--	--	--
Casinos, except casino hotels.....	71321	34.4	34.6	35.9	35.2	--	--	--	--	--	--
Other gambling industries.....	71329	29.0	30.3	29.6	28.7	--	--	--	--	--	--
Other amusement and recreation industries.....	7139	23.9	23.5	22.9	23.1	--	--	--	--	--	--
Golf courses and country clubs.....	71391	27.3	26.8	27.8	27.2	--	--	--	--	--	--
Skiing facilities.....	71392	19.4	18.5	19.2	19.4	--	--	--	--	--	--
Marinas.....	71393	34.2	34.3	33.4	33.4	--	--	--	--	--	--
Fitness and recreational sports centers.....	71394	21.7	21.2	20.6	20.6	--	--	--	--	--	--
Bowling centers.....	71395	23.2	23.4	24.1	23.5	--	--	--	--	--	--
All other amusement and recreation industries.....	71399	23.9	23.6	23.6	23.1	--	--	--	--	--	--
<b>Accommodations and food services<sup>3</sup>.....</b>	72	25.8	25.6	25.7	25.3	--	--	--	--	--	--
Accommodations.....	721	29.7	29.4	29.8	29.1	--	--	--	--	--	--
Traveler accommodations and other longer-term accommodations.....	7211,3	29.7	29.5	29.8	29.1	--	--	--	--	--	--
Hotels and motels, except casino hotels.....	72111	29.1	28.8	29.0	28.3	--	--	--	--	--	--
Miscellaneous traveler accommodations.....	72119,31	24.5	25.3	28.7	26.6	--	--	--	--	--	--
RV parks and recreational camps.....	7212	28.9	26.6	28.6	29.3	--	--	--	--	--	--
RV parks and campgrounds.....	721211	27.0	24.1	28.4	27.4	--	--	--	--	--	--
Recreational and vacation camps.....	721214	31.0	29.8	28.8	31.5	--	--	--	--	--	--
Food services and drinking places.....	722	25.0	24.9	24.9	24.6	--	--	--	--	--	--
Full-service restaurants.....	7221	25.5	25.3	25.5	25.3	--	--	--	--	--	--
Limited-service eating places.....	7222	24.6	24.5	24.4	24.1	--	--	--	--	--	--
Limited-service restaurants.....	722211	24.6	24.5	24.4	24.1	--	--	--	--	--	--

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	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Education and health services-Continued</b>											
Psychiatric and substance abuse hospitals .....	6222	\$16.19	\$15.97	\$16.33	\$16.43	--	\$578.37	\$568.53	\$602.58	\$594.77	--
Other hospitals .....	6223	18.24	18.36	18.01	17.78	--	584.68	589.36	578.12	577.85	--
Nursing and residential care facilities .....	623	11.60	11.43	11.80	11.82	--	380.38	371.48	385.86	381.79	--
Nursing care facilities .....	6231	12.13	11.96	12.43	12.48	--	394.48	386.31	401.49	399.36	--
Residential mental health facilities .....	6232	10.72	10.55	10.77	10.73	--	365.91	356.59	365.10	358.38	--
Residential mental retardation facilities .....	62321	10.31	10.11	10.35	10.31	--	348.65	339.70	345.69	342.29	--
Residential mental and substance abuse care .....	62322	11.63	11.55	11.69	11.66	--	405.56	397.32	407.98	394.11	--
Community care facilities for the elderly .....	6233	10.69	10.52	10.78	10.84	--	342.22	332.43	346.04	342.54	--
Continuing care retirement communities .....	623311	11.28	11.12	11.37	11.43	--	364.24	356.95	367.25	365.76	--
Homes for the elderly .....	623312	10.21	10.02	10.31	10.37	--	324.35	312.62	328.89	323.54	--
Other residential care facilities .....	6239	11.90	11.81	12.06	12.00	--	408.73	398.00	419.69	411.60	--
Social assistance .....	624	10.54	10.43	10.82	10.73	--	319.06	312.90	326.76	320.83	--
Individual and family services .....	6241	11.43	11.23	11.84	11.72	--	353.93	344.76	365.86	356.29	--
Child and youth services .....	62411	12.95	12.81	13.41	13.26	--	390.60	376.61	404.98	391.17	--
Services for the elderly and disabled .....	62412	9.87	9.66	10.23	10.23	--	305.92	299.46	318.15	313.04	--
Other individual and family services .....	62419	12.64	12.45	13.09	12.86	--	395.42	384.71	405.79	392.23	--
Emergency and other relief services .....	6242	11.75	11.67	11.80	11.81	--	363.60	354.77	361.08	354.30	--
Community food services .....	62421	10.62	10.58	11.03	11.06	--	301.59	294.12	318.77	313.00	--
Community housing, emergency, and relief services .....	62422,3	12.06	11.96	12.03	12.04	--	382.54	373.15	374.13	368.42	--
Vocational rehabilitation services .....	6243	10.34	10.21	10.80	10.70	--	305.01	302.22	317.52	313.51	--
Child day care services .....	6244	9.50	9.50	9.56	9.50	--	283.69	280.25	284.89	281.20	--
<b>Leisure and hospitality .....</b>		8.57	8.50	8.73	8.69	\$8.72	221.15	216.75	224.36	219.86	\$222.36
Arts, entertainment, and recreation .....	71	11.71	11.74	12.27	12.12	--	300.97	293.50	311.66	303.00	--
Performing arts and spectator sports .....	711	15.53	14.93	16.50	16.46	--	418.76	383.70	457.05	426.31	--
Performing arts companies .....	7111	14.77	14.61	16.70	16.97	--	336.05	314.12	412.49	397.10	--
Musical groups and artists .....	71113	17.97	17.82	17.90	17.97	--	310.23	285.12	322.20	300.10	--
Theater, dance, and other performing arts companies .....	71111,12,19	13.62	13.34	16.43	16.72	--	350.15	332.17	441.97	433.05	--
Spectator sports .....	7112	16.16	15.23	15.72	15.42	--	490.20	431.01	487.32	424.05	--
Racetracks .....	711212	11.32	11.13	11.82	11.92	--	317.41	299.40	338.05	326.61	--
Arts and sports promoters and agents and managers for public figures .....	7113,4	15.34	14.72	16.49	16.49	--	404.48	378.30	413.90	415.55	--
Independent artists, writers, and performers .....	7115	15.71	15.14	18.51	18.75	--	485.66	478.42	594.17	562.50	--
Museums, historical sites, zoos, and parks .....	712	12.73	12.98	13.10	12.81	--	364.39	362.14	375.97	356.12	--
Museums .....	71211	13.88	14.15	14.11	13.72	--	403.27	399.03	407.78	391.02	--
Zoos, botanical gardens, nature parks, and similar institutions .....	71213,9	10.50	10.50	11.06	10.84	--	317.47	308.70	326.27	301.35	--
Amusements, gambling, and recreation .....	713	10.57	10.72	10.90	10.79	--	265.53	263.71	267.05	264.36	--
Amusement parks and arcades .....	7131	9.65	10.45	11.07	10.35	--	252.06	246.62	275.64	258.75	--
Amusement and theme parks .....	71311	9.60	10.53	11.21	10.39	--	242.88	237.98	265.68	248.32	--
Gambling industries .....	7132	10.30	10.36	10.29	10.38	--	343.07	349.13	356.03	351.88	--
Casinos, except casino hotels .....	71321	10.19	10.19	10.29	10.40	--	350.39	352.57	369.41	366.08	--
Other gambling industries .....	71329	10.82	11.13	10.27	10.26	--	314.10	337.24	303.99	294.46	--
Other amusement and recreation industries .....	7139	10.78	10.83	11.01	10.95	--	257.15	254.51	252.13	252.95	--
Golf courses and country clubs .....	71391	10.64	10.73	11.37	10.98	--	290.04	287.56	316.09	298.66	--
Skiing facilities .....	71392	10.12	10.18	9.58	10.35	--	196.41	188.33	183.94	200.79	--
Marinas .....	71393	12.13	12.67	12.80	12.74	--	414.67	434.58	427.52	425.52	--
Fitness and recreational sports centers .....	71394	11.41	11.48	11.60	11.46	--	247.16	243.38	238.96	236.08	--
Bowling centers .....	71395	8.62	8.46	8.70	8.74	--	199.98	197.96	209.67	205.39	--
All other amusement and recreation industries .....	71399	9.95	10.10	10.31	10.14	--	238.20	238.36	243.32	234.23	--
Accommodations and food services <sup>3</sup> .....	72	8.04	7.98	8.19	8.15	--	207.65	204.29	210.48	206.20	--
Accommodations .....	721	10.01	10.02	10.23	10.18	--	297.00	294.59	304.85	296.24	--
Traveler accommodations and other longer-term accommodations .....	7211,3	10.01	10.02	10.23	10.19	--	297.47	295.59	304.85	296.53	--
Hotels and motels, except casino hotels .....	72111	9.84	9.85	10.04	9.99	--	286.37	283.68	291.16	282.72	--
Miscellaneous traveler accommodations .....	72119,31	9.30	9.36	9.53	9.58	--	228.38	236.81	273.51	254.83	--
RV parks and recreational camps .....	7212	9.76	10.08	10.30	10.10	--	281.84	268.13	294.58	295.93	--
RV parks and campgrounds .....	721211	9.82	10.22	9.67	9.48	--	264.72	246.30	274.63	259.75	--
Recreational and vacation camps .....	721214	9.71	9.94	10.81	10.69	--	300.50	296.21	311.33	336.74	--
Food services and drinking places .....	722	7.56	7.50	7.69	7.68	--	189.18	186.75	191.48	188.93	--
Full-service restaurants .....	7221	7.57	7.48	7.74	7.74	--	192.78	189.24	197.37	195.82	--
Limited-service eating places .....	7222	7.20	7.18	7.30	7.27	--	177.13	175.91	178.12	175.21	--
Limited-service restaurants .....	722211	7.13	7.10	7.23	7.21	--	175.57	173.95	176.41	173.76	--

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	2002 NAICS code	Average weekly hours					Average overtime hours				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Leisure and hospitality—Continued</b>											
Cafeterias.....	722212	27.1	27.2	26.1	26.0	--	--	--	--	--	--
Snack and nonalcoholic beverage bars.....	722213	23.2	22.7	23.6	23.2	--	--	--	--	--	--
Special food services.....	7223	26.1	26.1	25.5	23.8	--	--	--	--	--	--
Food service contractors.....	72231	28.0	28.2	27.5	24.7	--	--	--	--	--	--
Caterers and mobile food services.....	72232,3	21.5	20.5	20.6	21.5	--	--	--	--	--	--
Drinking places, alcoholic beverages.....	7224	22.7	22.7	22.0	21.8	--	--	--	--	--	--
<b>Other services.....</b>		<b>32.0</b>	<b>31.8</b>	<b>31.9</b>	<b>31.6</b>	<b>31.7</b>	--	--	--	--	--
Repair and maintenance.....	811	36.0	35.7	36.0	35.7	--	--	--	--	--	--
Automotive repair and maintenance.....	8111	35.4	35.2	35.3	35.0	--	--	--	--	--	--
Automotive mechanical and electrical repair.....	81111	36.5	36.4	36.7	36.7	--	--	--	--	--	--
General automotive repair.....	811111	36.0	35.8	36.1	36.3	--	--	--	--	--	--
Automotive exhaust system repair.....	811112	41.9	42.5	41.7	40.3	--	--	--	--	--	--
Other automotive mechanical and elec. repair.....	811118	36.1	36.7	36.8	37.5	--	--	--	--	--	--
Automotive body, interior, and glass repair.....	81112	38.0	37.5	38.4	37.9	--	--	--	--	--	--
Automotive body and interior repair.....	811121	37.9	37.3	38.4	37.8	--	--	--	--	--	--
Automotive glass replacement shops.....	811122	38.8	39.0	38.2	38.9	--	--	--	--	--	--
Other automotive repair and maintenance.....	81119	30.7	30.6	29.9	29.2	--	--	--	--	--	--
Car washes.....	811192	27.2	26.7	27.4	27.0	--	--	--	--	--	--
Auto oil change shops and all other auto repair and maintenance.....	811191,8	37.4	38.1	35.0	33.6	--	--	--	--	--	--
Electronic equipment repair and maintenance.....	8112	37.4	37.5	37.4	37.2	--	--	--	--	--	--
Computer and office machine repair.....	811212	37.0	36.6	37.6	37.4	--	--	--	--	--	--
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	37.8	38.2	37.3	37.0	--	--	--	--	--	--
Commercial machinery repair and maintenance.....	8113	38.7	38.1	38.8	38.5	--	--	--	--	--	--
Household goods repair and maintenance.....	8114	35.7	35.3	36.2	36.6	--	--	--	--	--	--
Personal and laundry services.....	812	30.3	29.9	30.1	29.8	--	--	--	--	--	--
Personal care services.....	8121	26.2	26.1	26.1	25.9	--	--	--	--	--	--
Hair, nail, and skin care services <sup>3</sup> .....	81211	27.3	27.1	27.3	27.0	--	--	--	--	--	--
Barber shops and beauty salons.....	812111,2	27.4	27.2	27.3	27.0	--	--	--	--	--	--
Other personal care services.....	81219	20.0	20.6	19.8	20.2	--	--	--	--	--	--
Death care services.....	8122	31.6	30.1	32.2	32.0	--	--	--	--	--	--
Funeral homes and funeral services.....	81221	31.1	29.0	32.2	31.7	--	--	--	--	--	--
Cemeteries and crematories.....	81222	33.0	33.1	32.1	33.0	--	--	--	--	--	--
Dry-cleaning and laundry services.....	8123	34.4	34.2	33.8	33.3	--	--	--	--	--	--
Coin-operated laundries and dry cleaners.....	81231	31.9	31.5	30.2	28.9	--	--	--	--	--	--
Dry-cleaning and laundry services, except coin-operated.....	81232	32.7	32.8	31.9	31.7	--	--	--	--	--	--
Linen and uniform supply.....	81233	37.9	37.2	37.7	37.1	--	--	--	--	--	--
Linen supply.....	812331	38.1	37.5	37.3	36.7	--	--	--	--	--	--
Industrial laundries.....	812332	37.5	36.7	38.3	37.6	--	--	--	--	--	--
Other personal services.....	8129	32.4	32.1	33.2	32.5	--	--	--	--	--	--
Photofinishing.....	81292	32.7	32.3	32.7	32.7	--	--	--	--	--	--
Parking lots and garages.....	81293	33.6	32.7	34.6	33.6	--	--	--	--	--	--
All other personal services.....	81299	33.8	33.6	34.7	34.6	--	--	--	--	--	--
Membership associations and organizations.....	813	31.2	31.1	31.1	30.7	--	--	--	--	--	--
Grantmaking and giving services.....	8132	30.7	30.6	30.8	29.8	--	--	--	--	--	--
Grantmaking foundations.....	813211	26.6	26.7	24.5	24.2	--	--	--	--	--	--
Other grantmaking and giving services.....	813219	32.0	32.6	33.2	32.2	--	--	--	--	--	--
Social advocacy organizations.....	8133	33.0	33.4	32.5	32.0	--	--	--	--	--	--
Human rights organizations.....	813311	32.1	31.7	30.9	30.2	--	--	--	--	--	--
Environment, conservation, and other social advocacy organizations.....	813312,9	33.3	33.9	33.0	32.5	--	--	--	--	--	--
Civic and social organizations.....	8134	22.3	21.8	21.9	21.3	--	--	--	--	--	--
Professional and similar organizations.....	8139	33.1	32.8	32.9	31.9	--	--	--	--	--	--
Business associations.....	81391	36.2	36.2	35.3	33.8	--	--	--	--	--	--
Professional organizations.....	81392	35.0	34.6	36.3	35.0	--	--	--	--	--	--
Labor unions and similar labor organizations.....	81393	33.6	33.1	33.8	34.1	--	--	--	--	--	--
Miscellaneous professional and similar organizations.....	81394,9	30.1	29.8	29.3	27.7	--	--	--	--	--	--

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<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Leisure and hospitality-Continued</b>											
Cafeterias.....	722212	\$7.38	\$7.39	\$7.37	\$7.34	--	\$200.14	\$201.01	\$192.36	\$190.84	--
Snack and nonalcoholic beverage bars.....	722213	7.85	7.91	8.04	7.93	--	182.33	179.56	189.74	183.98	--
Special food services.....	7223	9.89	9.68	10.18	10.07	--	258.18	252.65	259.59	239.67	--
Food service contractors.....	72231	10.12	9.86	10.42	10.30	--	282.99	278.05	286.55	254.41	--
Caterers and mobile food services.....	72232,3	9.17	9.02	9.36	9.39	--	196.79	184.91	192.82	201.89	--
Drinking places, alcoholic beverages.....	7224	7.52	7.57	7.56	7.70	--	170.89	171.84	166.32	167.86	--
<b>Other services</b> .....		13.72	13.64	14.02	14.01	\$14.00	439.65	433.75	447.24	442.72	\$443.80
Repair and maintenance.....	811	14.13	14.00	14.33	14.30	--	508.64	499.80	515.88	510.51	--
Automotive repair and maintenance.....	8111	13.30	13.21	13.50	13.51	--	470.95	464.99	476.55	472.85	--
Automotive mechanical and electrical repair.....	81111	14.13	14.03	14.38	14.33	--	515.35	510.69	527.75	525.91	--
General automotive repair.....	811111	14.40	14.27	14.71	14.67	--	517.77	510.87	531.03	532.52	--
Automotive exhaust system repair.....	811112	12.63	12.78	12.45	12.58	--	529.56	543.15	519.17	506.97	--
Other automotive mechanical and elec. repair.....	811118	13.12	13.13	13.33	13.28	--	473.18	481.87	490.54	498.00	--
Automotive body, interior, and glass repair.....	81112	15.30	15.33	15.44	15.56	--	581.86	574.88	592.90	589.72	--
Automotive body and interior repair.....	811121	15.51	15.55	15.65	15.78	--	587.70	580.02	600.96	596.48	--
Automotive glass replacement shops.....	811122	14.15	14.11	13.99	14.16	--	548.58	550.29	534.42	550.82	--
Other automotive repair and maintenance.....	81119	8.95	8.80	9.24	9.13	--	274.45	269.28	276.28	266.60	--
Car washes.....	811192	8.35	8.07	8.71	8.62	--	227.04	215.47	238.65	232.74	--
Auto oil change shops and all other auto repair and maintenance.....	811191,8	9.81	9.79	10.08	9.93	--	366.81	373.00	352.80	333.65	--
Electronic equipment repair and maintenance.....	8112	16.75	16.68	16.82	16.73	--	627.28	625.50	629.07	622.36	--
Computer and office machine repair.....	811212	16.51	16.41	15.94	15.64	--	610.66	600.61	599.34	584.94	--
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	16.95	16.88	17.52	17.54	--	641.22	644.82	653.50	648.98	--
Commercial machinery repair and maintenance.....	8113	16.74	16.47	17.17	16.89	--	647.66	627.51	666.20	650.27	--
Household goods repair and maintenance.....	8114	14.24	14.06	14.46	14.54	--	507.88	496.32	523.45	532.16	--
Personal and laundry services.....	812	11.04	10.96	11.39	11.41	--	334.20	327.70	342.84	340.02	--
Personal care services.....	8121	11.18	10.98	11.63	11.66	--	293.01	286.58	303.54	301.99	--
Hair, nail, and skin care services.....	81211	11.28	11.08	11.71	11.78	--	308.01	300.27	319.68	318.06	--
Barber shops and beauty salons.....	812111,2	11.43	11.20	11.86	11.90	--	313.22	304.64	323.78	321.30	--
Other personal care services.....	81219	10.41	10.25	11.13	10.88	--	208.35	211.15	220.37	219.78	--
Death care services.....	8122	13.70	13.72	14.57	14.14	--	433.25	412.97	469.15	452.48	--
Funeral homes and funeral services.....	81221	14.13	14.31	14.87	14.60	--	439.95	414.99	478.81	462.82	--
Cemeteries and crematories.....	81222	12.59	12.27	13.65	12.86	--	415.03	406.14	438.17	424.38	--
Dry-cleaning and laundry services.....	8123	9.85	9.87	9.77	9.88	--	339.05	337.55	330.23	329.00	--
Coin-operated laundries and dry cleaners.....	81231	10.46	10.97	10.01	10.15	--	334.21	345.56	302.30	293.34	--
Dry-cleaning and laundry services, except coin-operated.....	81232	8.59	8.57	8.63	8.71	--	280.50	281.10	275.30	276.11	--
Linen and uniform supply.....	81233	11.37	11.37	11.18	11.35	--	430.60	422.96	421.49	421.09	--
Linen supply.....	812331	10.61	10.43	10.86	11.00	--	404.47	391.13	405.08	403.70	--
Industrial laundriers.....	812332	12.48	12.72	11.65	11.87	--	467.56	466.82	446.20	446.31	--
Other personal services.....	8129	11.40	11.40	11.95	11.95	--	369.88	365.94	396.74	388.38	--
Photofinishing.....	81292	11.80	11.95	12.86	12.87	--	386.28	385.99	420.52	420.85	--
Parking lots and garages.....	81293	9.75	9.71	10.37	10.34	--	327.36	317.52	358.80	347.42	--
All other personal services.....	81299	14.94	14.83	15.43	15.45	--	505.26	498.29	535.42	534.57	--
Membership associations and organizations.....	813	14.69	14.62	14.98	14.96	--	458.09	454.68	465.88	459.27	--
Grantmaking and giving services.....	8132	16.65	16.21	17.66	17.54	--	511.38	496.03	543.93	522.69	--
Grantmaking foundations.....	813211	18.98	18.43	19.98	19.45	--	504.74	492.08	489.51	470.69	--
Other grantmaking and giving services.....	813219	14.14	13.57	14.88	14.96	--	452.86	442.38	494.02	481.71	--
Social advocacy organizations.....	8133	13.02	12.86	13.75	13.73	--	430.05	429.52	446.88	439.36	--
Human rights organizations.....	813311	14.13	14.35	14.30	14.04	--	453.18	454.90	441.87	424.01	--
Environment, conservation, and other social advocacy organizations.....	813312,9	12.68	12.41	13.60	13.65	--	422.71	420.70	448.80	443.63	--
Civic and social organizations.....	8134	10.59	10.65	10.83	10.77	--	236.32	232.17	237.18	229.40	--
Professional and similar organizations.....	8139	17.56	17.21	18.68	18.71	--	581.20	564.49	614.57	596.85	--
Business associations.....	81391	18.05	18.10	18.22	18.11	--	653.78	655.22	643.17	612.12	--
Professional organizations.....	81392	19.61	19.23	20.80	20.92	--	687.02	665.36	755.04	732.20	--
Labor unions and similar labor organizations.....	81393	23.42	22.69	24.56	24.86	--	788.01	751.04	830.13	847.73	--
Miscellaneous professional and similar organizations.....	81394,9	11.37	10.96	12.64	12.41	--	341.99	326.61	370.35	343.76	--

<sup>1</sup> Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

<sup>2</sup> Excludes nonoffice commissioned real estate sales agents.

<sup>3</sup> Wage and salary payments; tips excluded.

-- Data not available.

P = preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North

American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

**ESTABLISHMENT DATA  
EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Manufacturing</b> .....	<b>\$14.54</b>	<b>\$14.44</b>	<b>\$14.88</b>	<b>\$14.90</b>	<b>\$14.92</b>
<b>Durable goods</b> .....	15.23	15.12	15.56	15.56	15.58
Wood products .....	11.75	11.63	11.95	11.95	( <sup>2</sup> )
Nonmetallic mineral products .....	14.39	14.31	14.52	14.71	( <sup>2</sup> )
Primary metals .....	16.58	16.40	16.83	17.00	( <sup>2</sup> )
Fabricated metal products .....	13.97	13.90	14.26	14.28	( <sup>2</sup> )
Machinery .....	15.19	15.14	15.43	15.44	( <sup>2</sup> )
Computer and electronic products .....	15.53	15.37	15.86	15.96	( <sup>2</sup> )
Electrical equipment and appliances .....	13.46	13.45	13.72	13.74	( <sup>2</sup> )
Transportation equipment .....	19.46	19.23	19.94	19.87	( <sup>2</sup> )
Furniture and related products .....	12.09	11.94	12.44	12.45	( <sup>2</sup> )
Miscellaneous manufacturing .....	12.45	12.37	12.76	12.74	( <sup>2</sup> )
<b>Nondurable goods</b> .....	13.45	13.36	13.84	13.88	\$13.86
Food manufacturing .....	11.85	11.77	12.08	12.11	( <sup>2</sup> )
Beverages and tobacco products .....	16.67	16.71	16.91	16.99	( <sup>2</sup> )
Textile mills .....	11.14	11.07	11.35	11.39	( <sup>2</sup> )
Textile product mills .....	10.51	10.40	10.55	10.75	( <sup>2</sup> )
Apparel .....	8.83	8.79	9.19	9.25	( <sup>2</sup> )
Leather and allied products .....	10.59	10.51	11.24	11.32	( <sup>2</sup> )
Paper and paper products .....	15.92	15.81	16.26	16.42	( <sup>2</sup> )
Printing and related support activities .....	14.31	14.21	14.70	14.80	( <sup>2</sup> )
Petroleum and coal products .....	21.33	21.34	21.82	21.84	( <sup>2</sup> )
Chemicals .....	17.03	16.94	17.35	17.27	( <sup>2</sup> )
Plastics and rubber products .....	12.92	12.87	13.37	13.43	( <sup>2</sup> )

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

<sup>2</sup> Data not available.

<sup>P</sup> = preliminary.

NOTE: Data reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the

1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.



**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 sector and selected industry detail, in current and constant (1982) dollars**

Industry	Average hourly earnings					Average weekly earnings				
	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>	Avg. 2002	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	May 2003 <sup>P</sup>
<b>Total private:</b>										
Current dollars .....	\$14.95	\$14.83	\$15.34	\$15.31	\$15.30	\$506.22	\$499.77	\$518.49	\$511.35	\$514.08
Constant (1982) dollars .....	8.24	8.18	8.24	8.25	( <sup>2</sup> )	278.91	275.51	278.61	275.51	( <sup>2</sup> )
<b>Goods-producing:</b>										
Current dollars .....	16.33	16.17	16.59	16.66	16.72	651.60	643.57	658.62	654.74	665.46
Constant (1982) dollars .....	9.00	8.91	8.91	8.98	( <sup>2</sup> )	359.01	354.78	353.91	352.77	( <sup>2</sup> )
<b>Natural resources and mining:</b>										
Current dollars .....	17.22	17.21	17.58	17.81	17.65	743.11	740.03	770.00	765.83	774.84
Constant (1982) dollars .....	9.49	9.49	9.45	9.60	( <sup>2</sup> )	409.43	407.95	413.76	412.62	( <sup>2</sup> )
<b>Construction:</b>										
Current dollars .....	18.51	18.34	18.73	18.82	18.83	711.61	700.59	715.49	707.63	730.60
Constant (1982) dollars .....	10.20	10.11	10.06	10.14	( <sup>2</sup> )	392.07	386.21	384.47	381.27	( <sup>2</sup> )
<b>Manufacturing:</b>										
Current dollars .....	15.29	15.16	15.62	15.63	15.66	618.87	612.46	629.49	625.20	629.53
Constant (1982) dollars .....	8.42	8.36	8.39	8.42	( <sup>2</sup> )	340.98	337.63	338.25	336.85	( <sup>2</sup> )
<b>Private service-providing:</b>										
Current dollars .....	14.56	14.46	15.00	14.95	14.90	473.10	467.06	487.50	481.39	481.27
Constant (1982) dollars .....	8.02	7.97	8.06	8.05	( <sup>2</sup> )	260.66	257.48	261.96	259.37	( <sup>2</sup> )
<b>Trade, transportation, and utilities:</b>										
Current dollars .....	14.02	14.00	14.34	14.31	14.28	471.09	466.20	478.96	475.09	476.95
Constant (1982) dollars .....	7.72	7.72	7.71	7.71	( <sup>2</sup> )	259.55	257.00	257.37	255.98	( <sup>2</sup> )
<b>Wholesale trade:</b>										
Current dollars .....	16.97	16.88	17.29	17.24	17.22	643.99	636.38	655.29	646.50	650.92
Constant (1982) dollars .....	9.35	9.31	9.29	9.29	( <sup>2</sup> )	354.82	350.82	352.12	348.33	( <sup>2</sup> )
<b>Retail trade:</b>										
Current dollars .....	11.67	11.69	11.90	11.90	11.88	360.53	357.71	364.14	364.14	365.90
Constant (1982) dollars .....	6.43	6.44	6.39	6.41	( <sup>2</sup> )	198.64	197.19	195.67	196.20	( <sup>2</sup> )
<b>Transportation and warehousing:</b>										
Current dollars .....	15.77	15.67	16.23	16.21	16.20	580.68	571.96	595.64	590.04	591.30
Constant (1982) dollars .....	8.69	8.64	8.72	8.73	( <sup>2</sup> )	319.93	315.30	320.06	317.91	( <sup>2</sup> )
<b>Utilities:</b>										
Current dollars .....	23.94	23.88	24.41	24.50	24.49	978.44	962.36	1,003.25	1,004.50	1,008.99
Constant (1982) dollars .....	13.19	13.16	13.12	13.20	( <sup>2</sup> )	539.09	530.52	539.09	541.22	( <sup>2</sup> )
<b>Information:</b>										
Current dollars .....	20.23	20.01	20.88	20.97	20.87	739.41	726.36	757.94	752.82	751.32
Constant (1982) dollars .....	11.15	11.03	11.22	11.30	( <sup>2</sup> )	407.39	400.42	407.28	405.61	( <sup>2</sup> )
<b>Financial activities:</b>										
Current dollars .....	16.17	15.94	16.89	16.95	16.92	575.43	562.68	608.04	596.64	595.58
Constant (1982) dollars .....	8.91	8.79	9.08	9.13	( <sup>2</sup> )	317.04	310.19	326.73	321.47	( <sup>2</sup> )
<b>Professional and business services:</b>										
Current dollars .....	16.81	16.64	17.36	17.21	17.18	574.59	567.42	597.18	585.14	584.12
Constant (1982) dollars .....	9.26	9.17	9.33	9.27	( <sup>2</sup> )	316.58	312.80	320.89	315.27	( <sup>2</sup> )
<b>Education and health services:</b>										
Current dollars .....	15.22	15.03	15.62	15.55	15.57	493.02	483.97	509.21	502.27	502.91
Constant (1982) dollars .....	8.39	8.29	8.39	8.38	( <sup>2</sup> )	271.64	266.80	273.62	270.62	( <sup>2</sup> )
<b>Leisure and hospitality:</b>										
Current dollars .....	8.57	8.50	8.73	8.69	8.72	221.15	216.75	224.36	219.86	222.36
Constant (1982) dollars .....	4.72	4.69	4.69	4.68	( <sup>2</sup> )	121.85	119.49	120.56	118.46	( <sup>2</sup> )
<b>Other services:</b>										
Current dollars .....	13.72	13.64	14.02	14.01	14.00	439.65	433.75	447.24	442.72	443.80
Constant (1982) dollars .....	7.56	7.52	7.53	7.55	( <sup>2</sup> )	242.23	239.11	240.32	238.53	( <sup>2</sup> )

<sup>1</sup>Data relate to production workers in natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory workers in the service-providing industries.

<sup>2</sup>Data not available.

<sup>P</sup>= preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these series. Data reflect the conversion to the 2002 version of the North American Industry Classification

System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable to the SIC-based data. In addition, data reflect March 2002 benchmark levels, the completion of the conversion of the survey sample from a quota basis to a probability basis, a modification to the seasonal adjustment process, and other changes. See the article beginning on page 3 of this issue for more information on the changes.

**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 areas**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P
<b>Alabama</b> .....	41.8	41.3	41.4	\$13.00	\$13.44	\$13.42	\$543.40	\$555.07	\$555.59
Birmingham .....	42.7	40.9	40.9	13.33	14.49	14.47	569.19	592.64	591.82
Mobile .....	43.2	45.3	41.8	14.24	14.46	14.51	615.17	655.04	606.52
<b>Alaska</b> .....	36.9	38.0	37.8	13.54	11.73	12.23	499.63	445.74	462.29
<b>Arizona</b> .....	40.4	40.1	40.2	14.04	14.28	14.21	567.22	572.63	571.24
Phoenix-Mesa .....	39.4	39.4	39.7	13.83	13.98	13.82	544.90	550.81	548.65
Tucson .....	41.6	42.4	42.4	15.16	15.04	15.09	630.66	637.70	639.82
<b>Arkansas</b> .....	39.5	39.1	39.8	13.26	13.69	13.82	523.77	535.28	550.04
Fayetteville-Springdale-Rogers .....	39.4	39.1	38.5	13.13	13.62	13.67	517.32	532.54	526.30
Fort Smith .....	40.3	38.9	41.2	13.60	14.26	13.99	548.08	554.71	576.39
Little Rock-North Little Rock .....	38.1	40.9	42.4	12.92	13.97	13.78	492.25	571.37	584.27
<b>California</b> .....	39.6	39.6	39.4	14.89	14.97	14.92	589.64	592.81	587.85
Bakersfield .....	40.1	37.2	36.1	16.28	15.56	15.49	652.83	578.83	559.19
Fresno .....	39.9	39.7	38.9	13.16	13.24	13.31	525.08	525.63	517.76
Los Angeles-Long Beach .....	40.0	40.1	40.0	13.05	13.22	13.21	522.00	530.12	528.40
Modesto .....	37.8	41.2	40.5	15.34	15.43	15.40	579.85	635.72	623.70
Oakland .....	42.7	41.1	40.8	18.40	18.29	18.37	785.68	751.72	749.50
Orange County .....	39.2	40.3	40.2	13.84	13.94	13.83	542.53	561.78	555.97
Riverside-San Bernardino .....	41.6	41.5	40.6	12.81	13.22	13.23	532.90	548.63	537.14
Sacramento .....	38.3	40.0	39.7	15.81	15.61	15.68	605.52	624.40	622.50
Salinas .....	38.5	40.4	39.1	15.28	15.49	15.65	588.28	625.80	611.92
San Diego .....	40.4	39.5	39.1	15.44	14.99	14.99	623.78	592.11	586.11
San Francisco .....	35.3	36.6	36.6	14.47	15.01	15.15	510.79	549.37	554.49
San Jose .....	39.4	40.9	40.3	20.79	20.94	20.74	819.13	856.45	835.82
Santa Barbara-Santa Maria-Lompoc .....	38.1	41.7	43.6	15.83	15.82	15.72	603.12	659.69	685.39
Santa Rosa .....	38.9	38.6	37.0	17.41	16.91	16.99	677.25	652.73	628.63
Stockton-Lodi .....	39.0	40.3	41.0	13.59	13.54	13.53	530.01	545.66	554.73
Vallejo-Fairfield-Napa .....	40.7	41.2	42.7	15.99	16.33	16.22	650.79	672.80	692.59
Ventura .....	41.4	41.2	40.6	15.68	15.89	15.86	649.15	654.67	643.92
<b>Colorado</b> .....	40.0	39.6	39.4	15.43	17.05	17.23	617.20	675.18	678.86
Denver <sup>1</sup> .....	38.5	39.6	39.9	15.81	15.76	15.39	608.69	624.10	614.06
<b>Connecticut</b> .....	41.5	41.3	41.2	17.21	17.73	17.62	714.22	732.25	725.94
Bridgeport .....	41.6	40.5	40.1	16.97	18.29	18.18	705.95	740.75	729.02
Danbury .....	40.9	41.1	39.1	18.30	18.03	18.36	748.47	741.03	717.88
Hartford .....	41.3	42.9	42.6	17.93	18.62	18.32	740.51	798.80	780.43
New Haven-Meriden .....	43.1	42.5	43.0	17.62	17.27	17.32	759.42	733.98	744.76
New London-Norwich .....	41.9	42.1	41.4	17.35	17.49	17.53	726.97	736.33	725.74
Waterbury .....	38.3	37.2	38.5	16.16	17.30	16.94	618.93	643.56	652.19
<b>Delaware</b> .....	39.2	39.8	39.5	16.68	17.03	17.13	653.86	677.79	676.64
Wilmington-Newark .....	42.0	40.6	41.2	19.77	20.48	20.36	830.34	831.49	838.83
<b>District of Columbia:</b>									
Washington PMSA .....	37.8	38.5	39.0	15.04	16.21	16.24	568.51	624.09	633.36
<b>Florida</b> .....	42.2	41.6	41.2	13.02	14.07	13.97	549.44	585.31	575.56
<b>Georgia</b> .....	40.6	40.3	40.4	13.11	13.85	13.77	532.27	558.16	556.31
Atlanta .....	39.2	38.9	39.0	15.32	15.02	15.05	600.54	584.28	586.95
<b>Hawaii</b> .....	35.8	35.8	35.2	13.33	12.46	12.51	477.21	446.07	440.35
Honolulu .....	35.8	35.7	34.8	12.87	12.57	12.46	460.75	448.75	433.61
<b>Idaho</b> .....	38.8	40.9	40.4	13.84	13.59	13.46	536.99	555.83	543.78
<b>Illinois</b> .....	41.1	40.4	40.0	14.84	15.07	15.09	609.92	608.83	603.60
Bloomington-Normal .....	39.7	41.1	40.2	19.36	19.78	19.83	768.59	812.96	797.17
Champaign-Urbana .....	40.2	39.6	39.7	13.64	14.02	13.92	548.33	555.19	552.62
Chicago .....	42.0	40.9	40.5	14.72	14.70	14.77	618.24	601.23	598.19
Davenport-Moline-Rock Island .....	41.4	40.3	40.5	14.86	15.28	15.26	615.20	615.78	618.03
Decatur .....	40.7	38.8	39.0	16.40	16.76	16.71	667.48	650.29	651.69
Peoria-Pekin .....	39.7	40.1	39.6	17.14	17.43	17.26	680.46	698.94	683.50
Rockford .....	42.9	40.7	40.6	16.85	17.13	17.08	722.87	697.19	693.45
<b>Indiana</b> .....	42.6	41.9	41.9	16.95	17.76	17.78	722.07	744.14	744.98
Elkhart-Goshen .....	39.3	39.8	39.0	14.83	14.93	14.71	582.82	594.21	573.69
Evansville-Henderson .....	41.8	41.0	39.6	14.68	14.57	14.99	613.62	597.37	593.60
Fort Wayne .....	40.1	41.4	41.3	16.31	16.57	16.73	654.03	686.00	690.95
Indianapolis .....	40.8	39.8	39.7	18.14	18.28	18.30	740.11	727.54	726.51
South Bend .....	43.2	41.2	40.3	14.10	14.91	14.80	609.12	614.29	596.44
<b>Iowa</b> .....	41.5	40.6	40.5	15.05	15.40	15.68	624.58	625.24	635.04
Des Moines .....	44.2	41.2	40.1	15.44	17.64	17.90	682.45	726.77	717.79
<b>Kansas</b> .....	40.8	40.1	40.0	16.00	15.70	15.84	652.80	629.57	633.60
Wichita .....	40.7	40.0	40.4	18.33	18.40	18.29	746.03	736.00	738.92

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 areas—Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P	Apr. 2002	Mar. 2003	Apr. 2003P
<b>Kentucky</b> .....	41.9	41.8	42.2	\$15.76	\$15.71	\$15.95	\$660.34	\$656.68	\$673.09
Lexington .....	37.9	38.2	38.8	14.55	15.04	15.17	551.45	574.53	588.60
Louisville .....	41.5	41.9	42.8	18.68	19.35	19.58	775.22	810.77	838.02
<b>Louisiana</b> .....	43.2	42.3	42.6	17.16	17.20	17.00	741.31	727.56	724.20
Baton Rouge .....	43.1	44.4	42.4	20.07	17.02	18.12	865.02	755.69	768.29
New Orleans .....	45.7	46.3	46.2	17.31	17.97	17.27	791.07	832.01	797.87
<b>Maine</b> .....	39.8	40.0	40.2	15.23	16.05	16.00	606.15	642.00	643.20
Portland .....	40.5	41.4	41.9	12.71	12.88	13.15	514.76	533.23	550.99
<b>Maryland</b> .....	39.9	39.2	39.5	15.14	15.16	15.36	604.09	594.27	606.72
<b>Massachusetts</b> .....	40.8	41.0	40.7	16.06	16.44	16.39	655.25	674.04	667.07
Boston .....	40.9	39.3	38.6	17.89	18.00	18.00	731.70	707.40	694.80
Lawrence .....	40.6	40.0	39.7	16.20	14.98	15.06	657.72	599.20	597.88
Lowell .....	40.5	39.8	39.5	17.40	17.25	17.17	704.70	686.55	678.22
Springfield .....	40.1	40.9	40.8	15.42	15.77	15.76	618.34	644.99	643.01
Worcester .....	41.0	41.0	40.7	15.03	15.41	15.41	616.23	631.81	627.19
<b>Michigan</b> .....	43.0	41.8	42.0	20.37	20.86	21.06	875.91	871.95	884.52
Ann Arbor .....	44.8	41.4	43.9	22.83	23.25	23.42	1,022.78	962.55	1,028.14
Benton Harbor .....	41.7	43.5	42.9	13.77	13.86	14.07	574.21	602.91	603.60
Detroit .....	44.5	43.3	43.3	23.63	24.00	24.13	1,051.54	1,039.20	1,044.83
Flint .....	43.9	42.9	43.9	28.03	29.71	29.99	1,230.52	1,274.56	1,316.56
Grand Rapids—Muskegon—Holland .....	40.0	40.1	39.1	16.11	16.40	16.44	644.40	657.64	642.80
Kalamazoo—Battle Creek .....	40.2	39.3	38.2	16.08	15.12	15.26	646.42	594.22	582.93
Lansing—East Lansing .....	41.3	42.7	42.8	23.45	24.77	24.62	968.49	1,057.68	1,053.74
Saginaw—Bay City—Midland .....	45.5	43.2	43.9	24.31	24.55	25.04	1,106.11	1,060.56	1,099.26
<b>Minnesota</b> .....	39.1	39.9	39.3	15.12	15.35	15.48	591.19	612.47	608.36
Minneapolis—St. Paul .....	39.5	40.6	40.0	16.23	16.63	16.74	641.09	675.18	669.60
<b>Mississippi</b> .....	40.9	39.6	38.4	12.30	12.77	12.70	503.07	505.69	487.68
Jackson .....	39.6	39.6	39.3	12.92	13.44	13.48	511.63	532.22	529.76
<b>Missouri</b> .....	40.5	41.1	39.7	17.10	18.06	17.99	692.55	742.27	714.20
Kansas City .....	43.2	41.8	43.6	20.10	19.82	19.98	868.32	828.48	871.13
St. Louis .....	41.4	42.4	41.5	21.17	20.50	20.37	876.44	869.20	845.36
<b>Montana</b> .....	38.5	37.9	38.7	14.53	14.18	14.14	559.41	537.42	547.22
<b>Nebraska</b> .....	41.8	41.8	40.9	14.03	14.60	14.66	586.45	610.28	599.59
Lincoln .....	39.8	40.4	39.9	14.91	15.43	15.15	593.42	623.37	604.49
Omaha .....	45.2	41.8	41.8	15.73	16.99	17.44	711.00	710.18	728.99
<b>Nevada</b> .....	39.5	38.7	38.0	14.46	14.28	14.56	571.17	552.64	553.28
Las Vegas .....	40.7	40.5	40.0	13.76	13.51	13.19	560.03	547.16	527.60
<b>New Hampshire</b> .....	39.8	40.5	39.9	13.98	14.87	15.06	556.40	602.24	600.89
Manchester .....	38.7	39.6	39.6	15.76	15.79	15.56	609.91	625.28	616.18
Nashua .....	39.6	40.3	38.8	14.37	14.77	15.30	569.05	595.23	593.64
Portsmouth—Rochester .....	42.4	44.3	43.3	15.45	15.10	15.29	655.08	668.93	662.06
<b>New Jersey</b> .....	40.5	40.6	40.6	15.12	15.13	15.19	612.36	614.28	616.71
<b>New Mexico</b> .....	39.9	39.4	39.0	13.37	13.51	13.17	533.46	532.29	513.63
Albuquerque .....	40.5	38.7	38.4	14.89	14.58	14.41	603.05	564.25	553.34
<b>New York</b> .....	40.2	40.3	39.9	17.00	16.73	16.71	683.40	674.22	666.73
New York City .....	36.8	37.0	36.2	13.43	13.68	13.86	494.22	506.16	501.73
<b>North Carolina</b> .....	40.5	39.8	39.0	13.13	13.49	13.52	531.77	536.90	527.28
Asheville .....	40.7	42.8	41.1	12.37	12.84	12.86	503.46	549.55	528.55
Charlotte—Gastonia—Rock Hill .....	40.6	39.5	39.3	13.73	14.33	14.33	557.44	566.04	563.17
Greensboro—Winston—Salem—High Point .....	41.0	39.6	38.4	13.23	13.17	13.23	542.43	521.53	508.03
Raleigh—Durham—Chapel Hill .....	39.8	40.9	40.2	13.66	14.76	14.17	543.67	603.68	569.63
<b>North Dakota</b> .....	39.8	40.2	39.6	13.43	13.61	13.68	534.51	547.12	541.73
Fargo—Moorhead .....	41.4	40.0	39.5	13.91	13.35	13.61	575.87	534.00	537.60
<b>Ohio</b> .....	41.4	41.4	41.0	17.35	18.00	17.51	718.29	745.20	717.91
Akron .....	40.1	41.0	41.0	15.00	15.57	15.60	601.50	638.37	639.60
Canton—Massillon .....	40.0	38.9	38.5	14.53	15.20	15.39	581.20	591.28	592.52
Cincinnati .....	40.2	42.6	42.2	17.93	18.24	17.94	720.79	777.02	757.07
Cleveland—Lorain—Elyria .....	41.2	42.1	41.9	17.07	17.27	17.07	703.28	727.07	715.23
Columbus .....	39.9	40.8	38.7	15.53	17.15	17.36	619.65	699.72	671.83
Dayton—Springfield .....	41.6	41.8	41.9	17.93	20.65	20.05	745.89	863.17	840.10
Hamilton—Middletown .....	41.7	43.6	42.4	17.08	18.55	19.01	712.24	808.78	806.02
Mansfield .....	42.6	42.8	42.1	18.51	18.40	18.00	788.53	787.52	757.80
Toledo .....	44.4	43.9	44.1	20.15	21.75	21.30	894.66	954.83	939.33
Youngstown—Warren .....	41.7	39.6	39.4	21.15	22.64	21.59	881.96	896.54	850.65

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 areas—Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>	Apr. 2002	Mar. 2003	Apr. 2003 <sup>P</sup>
<b>Oklahoma</b> .....	39.3	38.7	38.4	\$14.19	\$14.45	\$14.26	\$557.67	\$559.22	\$547.58
Oklahoma City .....	39.3	40.5	39.2	14.66	16.23	16.03	576.14	657.32	628.38
Tulsa .....	37.8	41.0	39.9	15.54	15.64	15.50	587.41	641.24	618.45
<b>Oregon</b> .....	39.1	39.1	38.6	14.96	15.22	15.23	584.94	595.10	587.88
Eugene-Springfield .....	41.0	40.3	39.1	14.60	15.31	14.72	598.60	616.99	575.55
Medford-Ashland .....	37.0	39.3	38.2	14.78	15.00	15.17	546.86	589.50	579.49
Portland-Vancouver .....	39.3	38.8	38.4	15.33	15.86	15.81	602.47	615.37	607.10
Salem .....	38.7	38.3	38.1	13.44	13.67	14.14	520.13	523.56	538.73
<b>Pennsylvania</b> .....	40.3	40.0	39.7	14.65	15.00	14.90	590.40	600.00	591.53
Allentown-Bethlehem-Easton .....	41.1	39.3	38.8	15.01	14.89	14.72	616.91	585.18	571.14
Erie .....	42.5	43.1	42.4	15.24	15.68	15.49	647.70	675.81	656.78
Harrisburg-Lebanon-Carlisle .....	38.0	38.1	37.7	14.66	15.03	14.85	557.08	572.64	559.85
Lancaster .....	38.0	39.4	39.1	14.64	14.81	14.64	556.32	583.51	572.42
Philadelphia PMSA .....	41.8	41.0	40.8	15.96	16.20	16.02	667.13	664.20	653.62
Pittsburgh .....	40.2	39.3	40.3	15.82	16.07	16.39	635.96	631.55	660.52
Reading .....	39.6	40.5	40.7	14.87	15.30	15.25	588.85	619.65	620.68
Scranton-Wilkes-Barre-Hazleton .....	39.9	40.3	40.3	13.45	13.73	13.61	536.66	553.32	548.48
York .....	41.0	41.5	40.4	15.09	14.97	14.85	618.69	621.26	599.94
<b>Rhode Island</b> .....	38.7	39.3	38.6	12.74	12.82	12.84	493.04	503.83	495.62
Providence-Fall River-Warwick .....	40.5	39.7	39.1	13.16	13.20	13.22	532.98	524.04	516.90
<b>South Carolina</b> .....	42.2	42.1	41.6	13.81	14.04	14.13	582.78	591.08	587.81
<b>South Dakota</b> .....	42.8	42.6	40.7	12.58	12.85	12.93	538.42	547.41	526.25
<b>Tennessee</b> .....	39.6	39.2	39.4	13.00	13.44	13.73	514.80	526.85	540.96
Chattanooga .....	42.0	40.2	39.6	12.41	13.11	13.62	521.22	527.02	539.35
Johnson City-Kingsport-Bristol .....	39.5	39.1	39.2	13.17	13.13	13.19	520.22	513.38	517.05
Knoxville .....	41.5	39.4	40.8	13.79	13.67	14.09	572.29	538.60	574.87
Memphis .....	40.2	41.0	41.5	14.63	15.22	15.20	588.13	624.02	630.80
Nashville .....	39.4	37.7	38.4	13.85	14.38	14.40	545.69	542.13	552.96
<b>Texas</b> .....	40.6	41.7	41.3	13.91	13.90	13.91	564.75	579.63	574.48
Dallas .....	39.4	40.2	39.8	13.79	13.52	13.49	543.33	543.50	536.90
Ft. Worth-Arlington .....	40.2	39.7	40.7	17.88	17.02	17.09	718.78	675.69	695.56
Houston .....	42.2	43.7	43.4	17.05	17.02	16.99	719.51	743.77	737.37
San Antonio .....	37.0	37.9	38.0	10.71	10.79	10.84	396.27	408.94	411.92
<b>Utah</b> .....	36.6	39.8	39.4	14.19	14.71	14.86	519.35	585.46	585.48
Salt Lake City-Ogden .....	35.6	38.0	37.0	14.60	14.30	14.16	519.76	543.40	523.92
<b>Vermont</b> .....	40.4	40.0	40.1	14.35	14.50	14.51	579.74	580.00	581.85
Burlington .....	38.8	37.6	37.7	15.06	15.14	15.15	584.33	569.26	571.16
<b>Virginia</b> .....	40.7	41.1	40.1	14.97	15.78	15.77	609.28	648.56	632.38
Lynchburg .....	42.0	44.6	41.2	14.62	14.12	14.39	614.04	629.75	592.87
Norfolk-Virginia Beach-Newport News .....	43.8	46.6	45.5	17.87	18.48	18.29	782.71	861.17	832.20
Richmond-Petersburg .....	38.6	35.8	36.0	15.43	16.58	16.47	595.60	593.56	592.92
<b>Washington</b> .....	39.9	39.8	38.8	18.41	18.02	17.90	734.56	717.20	694.52
<b>West Virginia</b> .....	41.6	41.5	41.2	15.23	16.04	16.23	633.57	665.66	668.68
Huntington-Ashland .....	42.2	41.6	42.1	15.61	15.79	15.77	658.74	656.86	663.92
<b>Wisconsin</b> .....	40.2	40.3	40.5	15.82	15.99	16.01	635.96	644.40	648.41
Appleton-Oshkosh-Neenah .....	40.1	40.8	41.1	16.96	17.54	17.37	680.10	715.63	713.91
Eau Claire .....	43.6	45.6	44.6	14.93	15.37	14.47	650.95	700.87	645.36
Green Bay .....	39.0	40.2	39.8	14.04	13.77	14.10	547.56	553.55	561.18
Janesville-Beloit .....	43.7	42.0	41.9	24.59	26.91	26.98	1,074.58	1,130.22	1,130.46
La Crosse .....	39.8	40.6	39.2	14.20	15.30	15.39	565.16	621.18	603.29
Madison .....	42.5	42.0	40.6	15.02	15.11	15.04	638.35	634.62	610.62
Milwaukee-Waukesha .....	40.1	40.2	40.8	16.98	16.88	16.81	680.90	678.58	685.85
Racine .....	41.1	42.8	43.6	15.47	15.36	16.11	635.82	657.41	702.40
Sheboygan .....	41.5	41.4	41.1	15.37	15.08	15.40	637.86	624.31	632.94
Wausau .....	40.5	40.0	40.3	15.89	15.65	16.08	643.55	626.00	648.02
<b>Wyoming</b> .....	38.6	39.6	40.9	17.57	17.67	17.70	678.20	699.73	723.93
<b>Puerto Rico</b> .....	40.6	41.6	40.7	10.31	10.19	10.49	418.59	423.90	426.94
<b>Virgin Islands</b> .....	43.5	40.5	42.2	23.09	23.26	23.03	1,004.42	942.03	971.87

<sup>1</sup> Data for 2003 are not directly comparable with data for previous years because of a change in metropolitan area definitions.

<sup>P</sup> = preliminary.

NOTE: All State and area data currently reflect March 2002 benchmark levels. When more recent benchmark data are introduced with the release of January 2004 estimates, all unadjusted data from April 2002 are subject to revision. Area definitions are published

annually in the May issue of this publication. Data also reflect the conversion to the 2002 version of the North American Industry Classification System (NAICS) as the basis for the assignment and tabulation of economic data by industry, replacing the 1987 Standard Industrial Classification (SIC) system. Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable with the SIC-based data.

**LABOR FORCE DATA  
REGIONS AND DIVISIONS  
SEASONALLY ADJUSTED**

**C-1. Labor force status by census region and division, seasonally adjusted<sup>1</sup>**

(Numbers in thousands)

Census region and division	2002									2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>NORTHEAST</b>													
Civilian labor force .....	27,496.6	27,534.3	27,569.1	27,606.3	27,636.6	27,659.3	27,713.3	27,734.3	27,752.2	27,603.1	27,573.7	27,508.3	27,568.1
Employed .....	25,970.6	26,001.9	26,022.3	26,039.6	26,067.8	26,094.2	26,123.7	26,126.8	26,111.8	26,012.1	25,987.0	25,937.8	25,982.3
Unemployed .....	1,526.0	1,532.4	1,546.9	1,566.7	1,568.8	1,565.1	1,589.6	1,607.5	1,640.4	1,591.0	1,586.7	1,570.6	1,585.8
Unemployment rate .....	5.5	5.6	5.6	5.7	5.7	5.7	5.7	5.8	5.9	5.8	5.8	5.7	5.8
<b>New England</b>													
Civilian labor force .....	7,534.9	7,541.4	7,556.0	7,569.4	7,580.3	7,588.0	7,597.6	7,598.5	7,596.5	7,574.8	7,577.2	7,565.6	7,570.9
Employed .....	7,175.9	7,186.6	7,193.1	7,198.1	7,200.7	7,208.3	7,215.3	7,216.1	7,207.4	7,199.3	7,200.0	7,170.0	7,180.1
Unemployed .....	359.0	354.8	362.9	371.3	379.6	379.8	382.3	382.3	389.1	375.5	377.1	395.6	390.9
Unemployment rate .....	4.8	4.7	4.8	4.9	5.0	5.0	5.0	5.0	5.1	5.0	5.0	5.2	5.2
<b>Middle Atlantic</b>													
Civilian labor force .....	19,961.8	19,992.8	20,013.1	20,036.9	20,056.3	20,071.2	20,115.8	20,135.9	20,155.7	20,028.3	19,996.6	19,942.7	19,997.2
Employed .....	18,794.8	18,815.3	18,829.1	18,841.5	18,867.2	18,885.9	18,908.5	18,910.7	18,904.4	18,812.8	18,787.0	18,767.7	18,802.3
Unemployed .....	1,167.0	1,177.6	1,184.0	1,195.4	1,189.2	1,185.3	1,207.3	1,225.2	1,251.3	1,215.5	1,209.5	1,175.0	1,194.9
Unemployment rate .....	5.8	5.9	5.9	6.0	5.9	5.9	6.0	6.1	6.2	6.1	6.0	5.9	6.0
<b>SOUTH</b>													
Civilian labor force .....	50,721.3	50,739.1	50,668.1	50,728.7	50,751.6	50,738.7	50,794.3	50,795.5	50,757.2	51,219.0	51,255.7	51,242.4	51,388.5
Employed .....	47,827.0	47,860.6	47,836.1	47,875.3	47,918.1	47,909.6	47,953.1	47,948.0	47,904.4	48,454.4	48,450.2	48,392.2	48,487.7
Unemployed .....	2,894.3	2,878.5	2,832.0	2,853.4	2,833.5	2,829.1	2,841.2	2,847.5	2,852.8	2,764.6	2,805.5	2,850.2	2,900.7
Unemployment rate .....	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.4	5.5	5.6	5.6
<b>South Atlantic</b>													
Civilian labor force .....	26,695.9	26,698.1	26,668.8	26,702.5	26,715.0	26,687.7	26,703.3	26,702.2	26,672.9	26,922.7	26,889.7	26,878.2	26,943.0
Employed .....	25,240.7	25,260.6	25,241.5	25,272.0	25,298.1	25,280.1	25,298.7	25,294.6	25,262.4	25,563.3	25,527.4	25,496.7	25,528.4
Unemployed .....	1,455.3	1,437.5	1,427.4	1,430.5	1,416.8	1,407.6	1,404.7	1,407.6	1,410.5	1,359.3	1,362.3	1,381.5	1,414.6
Unemployment rate .....	5.5	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.0	5.1	5.1	5.3
<b>East South Central</b>													
Civilian labor force .....	8,307.3	8,300.2	8,291.8	8,299.7	8,284.2	8,282.3	8,294.2	8,288.2	8,278.2	8,353.8	8,364.8	8,359.1	8,371.7
Employed .....	7,822.7	7,821.5	7,818.2	7,829.1	7,824.9	7,821.2	7,828.8	7,821.2	7,810.9	7,905.9	7,916.5	7,905.3	7,898.6
Unemployed .....	484.6	478.6	473.6	470.6	459.3	461.0	465.4	467.0	467.3	448.0	448.4	453.8	473.1
Unemployment rate .....	5.8	5.8	5.7	5.7	5.5	5.6	5.6	5.6	5.6	5.4	5.4	5.4	5.7
<b>West South Central</b>													
Civilian labor force .....	15,718.0	15,740.9	15,707.5	15,726.5	15,752.4	15,768.8	15,796.8	15,805.1	15,806.2	15,942.5	16,001.1	16,005.1	16,073.7
Employed .....	14,763.6	14,778.5	14,776.5	14,774.2	14,795.1	14,808.3	14,825.7	14,832.1	14,831.1	14,985.2	15,006.3	14,990.2	15,060.7
Unemployed .....	954.4	962.4	931.0	952.4	957.3	960.4	971.2	972.9	975.1	957.3	994.8	1,014.9	1,013.0
Unemployment rate .....	6.1	6.1	5.9	6.1	6.1	6.1	6.1	6.2	6.2	6.0	6.2	6.3	6.3
<b>MIDWEST</b>													
Civilian labor force .....	34,183.5	34,144.7	34,114.6	34,098.3	34,076.0	34,062.6	34,102.8	34,064.3	34,016.1	34,420.5	34,437.3	34,421.3	34,366.5
Employed .....	32,267.8	32,258.0	32,228.3	32,207.5	32,202.6	32,185.6	32,216.8	32,187.7	32,139.6	32,580.6	32,544.7	32,497.4	32,453.3
Unemployed .....	1,915.7	1,886.7	1,886.3	1,890.8	1,873.4	1,877.1	1,886.0	1,876.6	1,876.4	1,839.9	1,892.6	1,924.0	1,913.2
Unemployment rate .....	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3	5.5	5.6	5.6
<b>East North Central</b>													
Civilian labor force .....	23,469.7	23,427.1	23,389.5	23,392.1	23,360.3	23,340.2	23,369.6	23,334.2	23,297.9	23,677.2	23,683.1	23,671.5	23,606.2
Employed .....	22,053.5	22,033.0	22,001.1	22,003.7	21,981.4	21,957.6	21,978.6	21,954.1	21,914.4	22,306.3	22,249.2	22,218.0	22,171.9
Unemployed .....	1,416.2	1,394.1	1,388.4	1,388.5	1,378.9	1,382.6	1,391.0	1,380.1	1,383.5	1,370.9	1,433.9	1,453.5	1,434.3
Unemployment rate .....	6.0	6.0	5.9	5.9	5.9	5.9	6.0	5.9	5.9	5.8	6.1	6.1	6.1
<b>West North Central</b>													
Civilian labor force .....	10,713.8	10,717.6	10,725.2	10,706.1	10,715.7	10,722.5	10,733.2	10,730.1	10,718.2	10,743.2	10,754.1	10,749.9	10,760.3
Employed .....	10,214.3	10,225.0	10,227.2	10,203.8	10,221.2	10,228.0	10,238.2	10,233.6	10,225.2	10,274.3	10,295.5	10,279.4	10,281.4
Unemployed .....	499.5	492.6	497.9	502.3	494.5	494.5	495.0	496.5	492.9	468.9	458.7	470.5	479.0
Unemployment rate .....	4.7	4.6	4.6	4.7	4.6	4.6	4.6	4.6	4.6	4.4	4.3	4.4	4.5

See footnotes at end of table.

**LABOR FORCE DATA  
REGIONS AND DIVISIONS  
SEASONALLY ADJUSTED**

**C-1. Labor force status by census region and division, seasonally adjusted<sup>1</sup>—Continued**

(Numbers in thousands)

Census region and division	2002									2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>WEST</b>													
Civilian labor force .....	32,882.9	32,881.0	32,943.2	32,993.0	32,977.2	33,010.0	33,085.1	33,111.8	33,093.6	33,257.0	33,241.1	33,281.3	33,320.1
Employed .....	30,738.3	30,770.3	30,806.3	30,843.8	30,851.7	30,871.0	30,939.9	30,955.4	30,931.0	31,175.2	31,149.0	31,148.1	31,142.7
Unemployed .....	2,144.6	2,110.7	2,136.9	2,149.2	2,125.4	2,139.0	2,145.1	2,156.4	2,162.6	2,081.8	2,092.1	2,133.2	2,177.4
Unemployment rate .....	6.5	6.4	6.5	6.5	6.4	6.5	6.5	6.5	6.5	6.3	6.3	6.4	6.5
<b>Mountain</b>													
Civilian labor force .....	9,683.2	9,697.0	9,716.5	9,732.3	9,732.4	9,729.8	9,737.9	9,736.2	9,725.5	9,761.4	9,759.0	9,758.1	9,793.9
Employed .....	9,122.3	9,139.6	9,155.6	9,169.5	9,177.0	9,173.5	9,184.2	9,181.5	9,172.0	9,238.1	9,234.1	9,208.9	9,241.2
Unemployed .....	560.9	557.4	560.9	562.9	555.4	556.3	553.7	554.7	553.4	523.3	524.9	549.2	552.6
Unemployment rate .....	5.8	5.7	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.4	5.4	5.6	5.6
<b>Pacific</b>													
Civilian labor force .....	23,199.6	23,184.0	23,226.7	23,260.7	23,244.8	23,280.2	23,347.2	23,375.6	23,368.1	23,495.6	23,482.0	23,523.1	23,526.2
Employed .....	21,616.0	21,630.7	21,650.7	21,674.3	21,674.7	21,697.4	21,755.8	21,774.0	21,759.0	21,937.1	21,914.8	21,939.1	21,901.5
Unemployed .....	1,583.7	1,553.3	1,576.0	1,586.3	1,570.1	1,582.8	1,591.4	1,601.6	1,609.1	1,558.6	1,567.2	1,584.0	1,624.7
Unemployment rate .....	6.8	6.7	6.8	6.8	6.8	6.8	6.8	6.9	6.9	6.6	6.7	6.7	6.9

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

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. All estimates are provisional and will be revised when new benchmark and population information becomes available.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	2002									2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>Alabama</b>													
Civilian labor force .....	2,108.3	2,105.7	2,099.0	2,101.3	2,099.3	2,097.4	2,099.0	2,095.4	2,091.0	2,158.1	2,161.9	2,157.1	2,154.1
Employed .....	1,983.1	1,979.9	1,974.2	1,976.0	1,975.7	1,973.4	1,975.9	1,970.8	1,966.7	2,037.7	2,043.3	2,034.3	2,029.5
Unemployed .....	125.1	125.7	124.8	125.3	123.6	124.0	123.1	124.6	124.3	120.4	118.5	122.8	124.6
Unemployment rate .....	5.9	6.0	5.9	6.0	5.9	5.9	5.9	5.9	5.9	5.6	5.5	5.7	5.8
<b>Alaska</b>													
Civilian labor force .....	321.3	320.9	322.2	322.9	324.0	324.7	325.4	326.0	327.5	339.5	341.7	339.9	341.5
Employed .....	297.1	297.0	297.0	297.1	297.4	298.0	298.6	299.2	300.1	316.2	317.8	316.7	316.9
Unemployed .....	24.3	23.9	25.2	25.9	26.6	26.7	26.8	26.8	27.5	23.3	23.9	23.2	24.6
Unemployment rate .....	7.6	7.5	7.8	8.0	8.2	8.2	8.2	8.2	8.4	6.9	7.0	6.8	7.2
<b>Arizona</b>													
Civilian labor force .....	2,657.6	2,669.0	2,678.8	2,688.4	2,690.6	2,686.4	2,686.4	2,683.7	2,674.8	2,662.8	2,651.3	2,655.4	2,665.4
Employed .....	2,495.0	2,501.6	2,509.7	2,519.6	2,524.1	2,520.4	2,521.7	2,520.8	2,515.9	2,515.0	2,499.6	2,498.0	2,506.8
Unemployed .....	162.6	167.4	169.1	168.8	166.6	166.1	164.7	162.9	158.8	147.8	151.7	157.3	158.6
Unemployment rate .....	6.1	6.3	6.3	6.3	6.2	6.2	6.1	6.1	5.9	5.5	5.7	5.9	6.0
<b>Arkansas</b>													
Civilian labor force .....	1,280.7	1,283.9	1,285.0	1,288.8	1,291.4	1,296.0	1,298.3	1,298.7	1,298.4	1,299.2	1,298.8	1,296.2	1,300.8
Employed .....	1,209.1	1,213.3	1,215.6	1,219.6	1,221.8	1,225.3	1,227.0	1,228.3	1,228.4	1,235.8	1,234.8	1,232.0	1,231.9
Unemployed .....	71.6	70.6	69.4	69.2	69.6	70.6	71.3	70.4	70.1	63.4	63.9	64.2	68.9
Unemployment rate .....	5.6	5.5	5.4	5.4	5.4	5.5	5.5	5.4	5.4	4.9	4.9	5.0	5.3
<b>California</b>													
Civilian labor force .....	17,374.4	17,363.0	17,392.7	17,415.7	17,394.6	17,422.3	17,473.9	17,503.0	17,497.8	17,578.5	17,600.9	17,627.9	17,630.8
Employed .....	16,220.1	16,222.7	16,228.6	16,243.0	16,230.4	16,246.8	16,285.8	16,305.9	16,291.5	16,415.4	16,422.0	16,448.6	16,429.3
Unemployed .....	1,154.4	1,140.3	1,164.1	1,172.7	1,164.3	1,175.5	1,188.1	1,197.1	1,206.3	1,163.1	1,178.9	1,179.4	1,201.5
Unemployment rate .....	6.6	6.6	6.7	6.7	6.7	6.7	6.8	6.8	6.9	6.6	6.7	6.7	6.8
<b>Colorado</b>													
Civilian labor force .....	2,432.4	2,434.3	2,441.1	2,439.0	2,444.2	2,445.7	2,446.9	2,444.1	2,441.8	2,455.8	2,460.0	2,455.7	2,474.3
Employed .....	2,293.2	2,299.3	2,301.3	2,299.4	2,304.0	2,304.6	2,305.3	2,302.9	2,299.1	2,321.3	2,324.7	2,315.0	2,327.1
Unemployed .....	139.3	135.1	139.9	139.6	140.2	141.1	141.7	141.2	142.6	134.5	135.3	140.7	147.2
Unemployment rate .....	5.7	5.5	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.5	5.5	5.7	5.9
<b>Connecticut</b>													
Civilian labor force .....	1,768.9	1,770.6	1,771.2	1,774.5	1,777.5	1,778.2	1,781.3	1,782.7	1,783.3	1,777.5	1,785.2	1,782.7	1,785.2
Employed .....	1,694.5	1,696.0	1,697.1	1,696.8	1,698.9	1,698.9	1,700.5	1,700.5	1,699.3	1,691.1	1,696.5	1,689.2	1,690.8
Unemployed .....	74.4	74.7	74.1	77.7	78.5	79.3	80.7	82.2	84.0	86.3	88.7	93.5	94.5
Unemployment rate .....	4.2	4.2	4.2	4.4	4.4	4.5	4.5	4.6	4.7	4.9	5.0	5.2	5.3
<b>Delaware</b>													
Civilian labor force .....	426.1	424.3	422.6	422.4	421.3	421.7	421.3	420.6	419.2	421.3	418.5	419.3	420.4
Employed .....	407.4	406.2	404.4	404.6	403.3	403.5	403.1	402.4	401.4	406.9	402.8	402.0	402.5
Unemployed .....	18.7	18.1	18.2	17.8	18.0	18.2	18.2	18.2	17.8	14.4	15.6	17.3	17.9
Unemployment rate .....	4.4	4.3	4.3	4.2	4.3	4.3	4.3	4.3	4.3	3.4	3.7	4.1	4.3
<b>District of Columbia</b>													
Civilian labor force .....	305.9	305.0	303.9	303.2	302.3	302.4	301.8	302.1	302.5	300.7	304.4	307.8	306.2
Employed .....	286.2	285.1	284.4	284.1	283.4	283.5	282.6	282.7	282.6	282.3	284.3	287.8	283.9
Unemployed .....	19.7	19.9	19.4	19.1	18.9	19.0	19.2	19.4	19.8	18.5	20.1	19.9	22.3
Unemployment rate .....	6.5	6.5	6.4	6.3	6.3	6.3	6.4	6.4	6.6	6.1	6.6	6.5	7.3
<b>Florida</b>													
Civilian labor force .....	8,077.3	8,085.9	8,076.6	8,105.1	8,120.2	8,087.0	8,088.7	8,083.9	8,076.6	8,125.3	8,102.7	8,093.2	8,093.3
Employed .....	7,631.1	7,641.8	7,634.6	7,658.8	7,676.4	7,652.4	7,658.0	7,658.4	7,645.6	7,695.8	7,669.5	7,656.6	7,660.3
Unemployed .....	446.2	444.1	442.0	446.3	443.8	434.7	430.7	425.5	431.0	429.5	433.2	436.6	432.9
Unemployment rate .....	5.5	5.5	5.5	5.5	5.5	5.4	5.3	5.3	5.3	5.3	5.3	5.4	5.3
<b>Georgia</b>													
Civilian labor force .....	4,282.3	4,289.1	4,290.2	4,298.3	4,304.0	4,309.2	4,313.6	4,315.8	4,316.5	4,353.9	4,353.6	4,348.3	4,370.0
Employed .....	4,065.2	4,068.8	4,068.2	4,074.9	4,080.3	4,083.6	4,086.5	4,089.1	4,089.6	4,151.0	4,156.8	4,147.4	4,163.9
Unemployed .....	217.2	220.3	222.0	223.5	223.7	225.6	227.1	226.7	226.9	202.9	196.7	200.9	206.1
Unemployment rate .....	5.1	5.1	5.2	5.2	5.2	5.2	5.3	5.3	5.3	4.7	4.5	4.6	4.7

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	2002									2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>Hawaii</b>													
Civilian labor force .....	580.9	581.1	581.4	581.1	580.5	581.7	581.9	581.8	582.3	595.7	593.0	592.5	597.1
Employed .....	555.1	555.9	557.4	557.1	557.4	558.2	559.2	559.2	559.4	574.1	575.3	570.6	574.6
Unemployed .....	25.8	25.2	24.1	24.0	23.0	23.4	22.7	22.6	22.9	21.7	17.8	21.9	22.5
Unemployment rate .....	4.4	4.3	4.1	4.1	4.0	4.0	3.9	3.9	3.9	3.6	3.0	3.7	3.8
<b>Idaho</b>													
Civilian labor force .....	685.2	683.7	684.5	685.0	683.6	682.5	682.6	683.4	684.5	691.0	692.9	694.4	693.5
Employed .....	645.4	645.2	645.3	645.4	644.3	643.0	643.0	642.6	642.9	652.9	656.8	657.1	654.7
Unemployed .....	39.8	38.4	39.2	39.7	39.2	39.5	39.6	40.8	41.6	38.1	36.2	37.3	38.8
Unemployment rate .....	5.8	5.6	5.7	5.8	5.7	5.8	5.8	6.0	6.1	5.5	5.2	5.4	5.6
<b>Illinois</b>													
Civilian labor force .....	6,390.8	6,379.0	6,362.9	6,366.3	6,360.6	6,357.9	6,369.7	6,368.6	6,362.8	6,402.7	6,371.9	6,399.0	6,377.2
Employed .....	5,974.7	5,963.0	5,948.6	5,946.1	5,945.3	5,933.7	5,937.8	5,942.2	5,938.9	5,996.9	5,955.1	5,975.5	5,975.8
Unemployed .....	416.2	416.0	414.3	420.1	415.4	424.2	431.9	426.4	423.9	405.8	416.8	423.5	401.4
Unemployment rate .....	6.5	6.5	6.5	6.6	6.5	6.7	6.8	6.7	6.7	6.3	6.5	6.6	6.3
<b>Indiana</b>													
Civilian labor force .....	3,166.6	3,166.7	3,174.5	3,189.5	3,187.1	3,183.5	3,187.6	3,182.8	3,177.5	3,191.2	3,180.6	3,166.5	3,168.2
Employed .....	2,998.4	3,001.9	3,010.0	3,026.9	3,024.0	3,022.1	3,027.6	3,025.1	3,021.9	3,039.1	3,024.6	3,015.7	3,007.1
Unemployed .....	168.3	164.8	164.4	162.7	163.1	161.4	160.1	157.7	155.6	152.0	156.0	150.8	161.1
Unemployment rate .....	5.3	5.2	5.2	5.1	5.1	5.1	5.0	5.0	4.9	4.8	4.9	4.8	5.1
<b>Iowa</b>													
Civilian labor force .....	1,661.4	1,669.4	1,669.8	1,671.9	1,673.0	1,677.1	1,678.4	1,677.0	1,677.1	1,649.5	1,652.6	1,648.7	1,643.3
Employed .....	1,595.4	1,602.2	1,603.1	1,602.8	1,603.5	1,607.4	1,607.2	1,607.5	1,607.3	1,586.2	1,587.1	1,583.0	1,575.1
Unemployed .....	66.0	67.2	66.8	69.1	69.6	69.7	71.2	69.4	69.8	63.3	65.5	65.8	68.2
Unemployment rate .....	4.0	4.0	4.0	4.1	4.2	4.2	4.2	4.1	4.2	3.8	4.0	4.0	4.2
<b>Kansas</b>													
Civilian labor force .....	1,408.1	1,410.4	1,414.1	1,418.2	1,418.9	1,420.8	1,424.2	1,425.9	1,425.8	1,471.4	1,472.9	1,470.9	1,472.4
Employed .....	1,336.9	1,339.4	1,341.8	1,343.6	1,346.0	1,347.4	1,349.8	1,351.3	1,352.1	1,402.0	1,404.7	1,401.9	1,401.0
Unemployed .....	71.1	71.0	72.3	74.6	73.0	73.4	74.4	74.6	73.7	69.5	68.2	69.0	71.4
Unemployment rate .....	5.1	5.0	5.1	5.3	5.1	5.2	5.2	5.2	5.2	4.7	4.6	4.7	4.8
<b>Kentucky</b>													
Civilian labor force .....	1,971.4	1,970.1	1,965.8	1,964.2	1,963.5	1,960.2	1,959.5	1,959.8	1,958.7	1,986.6	1,994.5	1,996.6	1,994.6
Employed .....	1,858.6	1,857.4	1,856.5	1,855.4	1,855.5	1,853.5	1,853.9	1,852.7	1,850.5	1,880.3	1,881.7	1,882.6	1,879.3
Unemployed .....	112.7	112.7	109.3	108.7	107.9	106.7	105.7	107.1	108.2	106.3	112.9	114.0	115.3
Unemployment rate .....	5.7	5.7	5.6	5.5	5.5	5.4	5.4	5.5	5.5	5.3	5.7	5.7	5.8
<b>Louisiana</b>													
Civilian labor force .....	2,011.3	2,008.8	2,003.9	2,000.8	1,999.5	1,998.0	1,993.6	1,998.5	2,001.8	2,043.3	2,058.8	2,061.1	2,051.8
Employed .....	1,887.4	1,882.6	1,880.6	1,878.8	1,876.5	1,875.5	1,871.7	1,874.2	1,876.1	1,935.3	1,941.1	1,931.8	1,924.5
Unemployed .....	123.9	126.2	123.2	122.0	123.0	122.5	121.9	124.3	125.7	107.9	117.7	129.3	127.3
Unemployment rate .....	6.2	6.3	6.1	6.1	6.2	6.1	6.1	6.2	6.3	5.3	5.7	6.3	6.2
<b>Maine</b>													
Civilian labor force .....	685.6	685.4	686.4	687.3	686.6	686.0	687.1	687.2	687.7	697.9	700.0	695.5	697.5
Employed .....	656.3	656.4	656.7	657.2	656.4	655.5	656.2	655.2	654.8	666.2	668.1	664.2	664.0
Unemployed .....	29.3	29.1	29.8	30.1	30.2	30.5	31.0	32.1	32.9	31.7	31.9	31.2	33.4
Unemployment rate .....	4.3	4.2	4.3	4.4	4.4	4.4	4.5	4.7	4.8	4.5	4.6	4.5	4.8
<b>Maryland</b>													
Civilian labor force .....	2,900.2	2,899.9	2,901.9	2,900.0	2,901.1	2,901.6	2,903.6	2,901.7	2,897.0	2,927.9	2,927.4	2,931.0	2,938.9
Employed .....	2,767.9	2,772.1	2,773.6	2,773.9	2,775.6	2,778.0	2,781.2	2,779.1	2,774.3	2,809.1	2,803.3	2,799.5	2,809.1
Unemployed .....	132.2	127.8	128.3	126.1	125.4	123.6	122.4	122.6	122.7	118.8	124.1	131.5	129.8
Unemployment rate .....	4.6	4.4	4.4	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.2	4.5	4.4
<b>Massachusetts</b>													
Civilian labor force .....	3,476.9	3,478.7	3,488.4	3,494.3	3,500.5	3,505.5	3,508.4	3,505.2	3,505.7	3,454.9	3,453.1	3,451.4	3,451.2
Employed .....	3,294.2	3,300.5	3,302.5	3,304.6	3,306.0	3,312.1	3,315.9	3,315.6	3,312.7	3,274.6	3,268.0	3,254.5	3,262.4
Unemployed .....	182.7	178.2	185.9	189.7	194.6	193.4	192.5	189.6	193.0	180.3	185.0	196.8	188.9
Unemployment rate .....	5.3	5.1	5.3	5.4	5.6	5.5	5.5	5.4	5.5	5.2	5.4	5.7	5.5

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	2002									2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>Michigan</b>													
Civilian labor force .....	5,025.5	5,014.4	5,006.0	4,988.4	4,974.9	4,967.8	4,975.1	4,957.0	4,941.2	5,103.6	5,124.1	5,106.7	5,061.3
Employed .....	4,709.7	4,702.7	4,691.9	4,679.3	4,669.7	4,663.7	4,670.3	4,652.4	4,634.0	4,785.9	4,787.5	4,762.6	4,727.2
Unemployed .....	315.8	311.8	314.1	309.1	305.3	304.1	304.8	304.6	307.2	317.6	336.6	344.1	334.2
Unemployment rate .....	6.3	6.2	6.3	6.2	6.1	6.1	6.1	6.1	6.2	6.2	6.6	6.7	6.6
<b>Minnesota</b>													
Civilian labor force .....	2,920.0	2,918.0	2,920.3	2,923.6	2,919.5	2,915.5	2,919.2	2,918.6	2,913.7	2,910.2	2,919.0	2,920.1	2,921.1
Employed .....	2,786.2	2,789.8	2,791.3	2,794.2	2,792.1	2,790.3	2,794.3	2,793.8	2,789.4	2,782.9	2,792.8	2,790.8	2,795.2
Unemployed .....	133.8	128.2	129.0	129.4	127.4	125.3	124.9	124.8	124.4	127.3	126.1	129.3	125.9
Unemployment rate .....	4.6	4.4	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.4	4.3	4.4	4.3
<b>Mississippi</b>													
Civilian labor force .....	1,300.7	1,297.0	1,297.0	1,299.2	1,292.4	1,292.4	1,300.1	1,299.4	1,298.5	1,322.8	1,314.8	1,314.3	1,323.4
Employed .....	1,210.1	1,208.5	1,208.0	1,211.5	1,206.1	1,205.5	1,209.0	1,208.7	1,208.0	1,236.6	1,235.4	1,235.9	1,235.9
Unemployed .....	90.6	88.6	88.9	87.7	86.3	86.9	91.1	90.8	90.5	86.3	79.4	78.3	87.5
Unemployment rate .....	7.0	6.8	6.9	6.8	6.7	6.7	7.0	7.0	7.0	6.5	6.0	6.0	6.6
<b>Missouri</b>													
Civilian labor force .....	3,000.1	2,994.9	2,996.1	2,967.7	2,978.4	2,980.0	2,977.8	2,974.2	2,968.5	2,965.5	2,959.9	2,956.7	2,969.8
Employed .....	2,834.8	2,830.6	2,826.9	2,799.4	2,814.4	2,815.2	2,813.8	2,808.1	2,803.8	2,815.0	2,821.2	2,813.8	2,820.0
Unemployed .....	165.3	164.2	169.1	168.3	164.0	164.8	164.0	166.1	164.7	150.5	138.7	142.9	149.8
Unemployment rate .....	5.5	5.5	5.6	5.7	5.5	5.5	5.5	5.6	5.5	5.1	4.7	4.8	5.0
<b>Montana</b>													
Civilian labor force .....	462.7	462.4	465.4	463.2	462.7	463.6	465.9	466.9	466.5	469.3	469.6	469.3	470.2
Employed .....	441.2	441.3	443.6	442.1	442.4	442.8	444.4	445.1	444.7	449.1	450.7	449.5	451.5
Unemployed .....	21.5	21.1	21.8	21.2	20.3	20.8	21.5	21.8	21.8	20.2	18.9	19.7	18.8
Unemployment rate .....	4.6	4.6	4.7	4.6	4.4	4.5	4.6	4.7	4.7	4.3	4.0	4.2	4.0
<b>Nebraska</b>													
Civilian labor force .....	958.8	959.0	958.8	957.9	958.1	959.8	962.6	962.7	962.2	976.9	980.1	982.8	985.6
Employed .....	923.7	924.5	924.3	923.7	924.0	925.4	929.0	928.2	927.4	944.1	945.6	945.8	946.9
Unemployed .....	35.1	34.4	34.5	34.2	34.1	34.5	33.6	34.6	34.9	32.8	34.5	37.0	38.7
Unemployment rate .....	3.7	3.6	3.6	3.6	3.6	3.6	3.5	3.6	3.6	3.4	3.5	3.8	3.9
<b>Nevada</b>													
Civilian labor force .....	1,119.3	1,122.2	1,124.1	1,127.3	1,123.2	1,121.0	1,121.0	1,119.7	1,118.7	1,113.7	1,115.5	1,114.1	1,115.3
Employed .....	1,055.7	1,059.2	1,061.8	1,065.4	1,064.1	1,064.5	1,066.6	1,064.9	1,063.8	1,057.9	1,059.3	1,052.5	1,053.5
Unemployed .....	63.6	63.0	62.3	61.9	59.1	56.5	54.4	54.8	55.0	55.8	56.2	61.5	61.8
Unemployment rate .....	5.7	5.6	5.5	5.5	5.3	5.0	4.9	4.9	4.9	5.0	5.0	5.5	5.5
<b>New Hampshire</b>													
Civilian labor force .....	703.6	704.9	705.3	706.5	706.9	708.7	709.3	709.5	706.5	719.1	716.4	715.7	714.7
Employed .....	671.3	672.0	671.9	673.4	672.5	674.5	674.2	674.3	671.3	685.9	688.2	686.5	685.9
Unemployed .....	32.3	32.9	33.4	33.1	34.4	34.2	35.1	35.1	35.2	33.2	28.2	29.1	28.8
Unemployment rate .....	4.6	4.7	4.7	4.7	4.9	4.8	5.0	5.0	5.0	4.6	3.9	4.1	4.0
<b>New Jersey</b>													
Civilian labor force .....	4,360.0	4,360.6	4,360.9	4,366.1	4,366.5	4,370.9	4,382.3	4,384.1	4,380.3	4,409.0	4,405.0	4,420.0	4,425.0
Employed .....	4,107.8	4,106.4	4,102.6	4,103.1	4,105.5	4,110.3	4,119.2	4,122.6	4,119.6	4,164.7	4,155.5	4,160.3	4,169.8
Unemployed .....	252.2	254.1	258.3	263.0	261.0	260.6	263.1	261.5	260.7	244.3	249.5	259.7	255.2
Unemployment rate .....	5.8	5.8	5.9	6.0	6.0	6.0	6.0	6.0	6.0	5.5	5.7	5.9	5.8
<b>New Mexico</b>													
Civilian labor force .....	873.9	875.8	877.7	880.1	879.8	880.3	883.4	884.8	885.0	890.6	891.4	893.5	895.7
Employed .....	826.1	827.7	829.2	831.1	831.5	831.9	835.1	836.6	837.2	838.9	839.8	841.0	843.2
Unemployed .....	47.7	48.2	48.5	48.9	48.2	48.4	48.3	48.2	47.8	51.7	51.7	52.6	52.5
Unemployment rate .....	5.5	5.5	5.5	5.6	5.5	5.5	5.5	5.4	5.4	5.8	5.8	5.9	5.9
<b>New York</b>													
Civilian labor force .....	9,323.6	9,349.8	9,367.8	9,380.6	9,392.8	9,401.1	9,428.4	9,441.8	9,455.3	9,355.4	9,343.6	9,302.6	9,354.5
Employed .....	8,755.8	8,775.4	8,791.8	8,803.4	8,821.3	8,833.8	8,845.9	8,847.8	8,849.1	8,765.4	8,769.7	8,745.6	8,779.5
Unemployed .....	567.9	574.4	576.0	577.2	571.5	567.3	582.5	594.0	606.2	590.0	573.9	557.0	574.9
Unemployment rate .....	6.1	6.1	6.1	6.2	6.1	6.0	6.2	6.3	6.4	6.3	6.1	6.0	6.1

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	2002									2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>North Carolina</b>													
Civilian labor force .....	4,188.6	4,179.2	4,174.6	4,166.9	4,156.5	4,155.0	4,158.9	4,157.3	4,152.0	4,169.9	4,151.9	4,155.2	4,176.8
Employed .....	3,898.6	3,894.1	3,889.1	3,883.8	3,883.5	3,881.2	3,884.9	3,882.1	3,874.1	3,917.5	3,910.4	3,904.7	3,907.7
Unemployed .....	290.0	285.1	285.5	283.1	273.0	273.9	274.0	275.2	278.0	252.4	241.4	250.5	269.1
Unemployment rate .....	6.9	6.8	6.8	6.8	6.6	6.6	6.6	6.6	6.7	6.1	5.8	6.0	6.4
<b>North Dakota</b>													
Civilian labor force .....	346.4	346.3	345.5	344.9	345.4	346.4	346.8	347.5	346.2	349.9	349.0	350.0	347.9
Employed .....	332.2	331.8	331.8	330.7	331.3	331.7	332.0	332.5	332.7	337.5	336.3	336.9	336.2
Unemployed .....	14.2	14.4	13.6	14.2	14.1	14.6	14.8	15.0	13.5	12.5	12.7	13.1	11.7
Unemployment rate .....	4.1	4.2	3.9	4.1	4.1	4.2	4.3	4.3	3.9	3.6	3.7	3.7	3.4
<b>Ohio</b>													
Civilian labor force .....	5,857.0	5,843.8	5,825.2	5,824.5	5,814.0	5,810.7	5,809.9	5,800.0	5,788.5	5,878.7	5,900.1	5,893.2	5,905.9
Employed .....	5,508.5	5,501.7	5,490.6	5,491.1	5,486.0	5,483.2	5,481.9	5,476.8	5,465.0	5,550.5	5,540.9	5,529.0	5,534.6
Unemployed .....	348.5	342.1	334.6	333.4	328.1	327.5	328.0	323.2	323.4	328.1	359.2	364.2	371.3
Unemployment rate .....	5.9	5.9	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.6	6.1	6.2	6.3
<b>Oklahoma</b>													
Civilian labor force .....	1,696.6	1,697.9	1,691.3	1,681.1	1,690.8	1,693.0	1,695.7	1,695.6	1,698.7	1,704.5	1,700.8	1,693.1	1,697.7
Employed .....	1,618.4	1,621.0	1,617.3	1,605.6	1,615.3	1,616.9	1,619.2	1,618.8	1,619.0	1,619.4	1,613.1	1,606.2	1,610.6
Unemployed .....	78.3	77.0	74.0	75.5	75.5	76.2	76.6	76.8	79.6	85.1	87.7	86.9	87.2
Unemployment rate .....	4.6	4.5	4.4	4.5	4.5	4.5	4.5	4.5	4.7	5.0	5.2	5.1	5.1
<b>Oregon</b>													
Civilian labor force .....	1,834.4	1,829.0	1,834.0	1,833.5	1,835.8	1,832.6	1,837.1	1,840.2	1,836.0	1,848.5	1,835.8	1,850.9	1,842.0
Employed .....	1,692.0	1,693.9	1,698.2	1,698.1	1,704.1	1,701.5	1,704.9	1,705.0	1,702.5	1,708.7	1,702.6	1,711.1	1,694.7
Unemployed .....	142.4	135.1	135.8	135.4	131.7	131.1	132.2	135.2	133.5	139.8	133.2	139.8	147.3
Unemployment rate .....	7.8	7.4	7.4	7.4	7.2	7.2	7.2	7.3	7.3	7.6	7.3	7.6	8.0
<b>Pennsylvania</b>													
Civilian labor force .....	6,278.1	6,282.5	6,284.4	6,290.2	6,297.1	6,299.2	6,305.1	6,309.9	6,320.1	6,263.9	6,248.0	6,220.1	6,217.8
Employed .....	5,931.2	5,933.4	5,934.7	5,935.0	5,940.4	5,941.8	5,943.4	5,940.2	5,935.7	5,882.8	5,861.8	5,861.8	5,852.9
Unemployed .....	346.9	349.1	349.7	355.2	356.7	357.4	361.7	369.7	384.4	381.1	386.1	358.3	364.9
Unemployment rate .....	5.5	5.6	5.6	5.6	5.7	5.7	5.7	5.9	6.1	6.1	6.2	5.8	5.9
<b>Rhode Island</b>													
Civilian labor force .....	552.7	553.7	555.1	557.6	559.2	559.8	560.8	562.6	561.5	573.7	571.9	568.4	569.2
Employed .....	525.5	526.8	528.5	530.1	530.5	530.4	530.6	532.1	530.6	544.0	542.4	538.1	538.8
Unemployed .....	27.3	27.0	26.6	27.5	28.7	29.4	30.2	30.4	30.8	29.7	29.5	30.3	30.3
Unemployment rate .....	4.9	4.9	4.8	4.9	5.1	5.3	5.4	5.4	5.5	5.2	5.2	5.3	5.3
<b>South Carolina</b>													
Civilian labor force .....	1,963.1	1,962.9	1,966.5	1,967.8	1,972.2	1,974.7	1,978.8	1,986.3	1,982.2	2,031.3	2,032.2	2,014.7	2,027.6
Employed .....	1,846.8	1,848.5	1,852.0	1,854.6	1,857.3	1,858.0	1,859.9	1,860.9	1,859.7	1,903.7	1,905.8	1,895.8	1,903.1
Unemployed .....	116.3	114.4	114.5	113.2	114.9	116.7	118.8	125.4	122.5	127.5	126.4	118.9	124.4
Unemployment rate .....	5.9	5.8	5.8	5.8	5.8	5.9	6.0	6.3	6.2	6.3	6.2	5.9	6.1
<b>South Dakota</b>													
Civilian labor force .....	419.0	419.7	420.5	421.9	422.3	422.8	424.2	424.2	424.6	419.8	420.7	420.7	420.3
Employed .....	405.2	406.6	408.0	409.3	410.0	410.6	412.1	412.2	412.6	406.7	407.7	407.2	407.0
Unemployed .....	13.9	13.1	12.6	12.6	12.3	12.2	12.2	12.0	12.0	13.1	13.0	13.4	13.2
Unemployment rate .....	3.3	3.1	3.0	3.0	2.9	2.9	2.9	2.8	2.8	3.1	3.1	3.2	3.2
<b>Tennessee</b>													
Civilian labor force .....	2,927.0	2,927.4	2,930.0	2,935.0	2,929.0	2,932.2	2,935.6	2,933.6	2,929.9	2,886.3	2,893.7	2,891.1	2,899.7
Employed .....	2,770.8	2,775.8	2,779.4	2,786.2	2,787.6	2,788.7	2,790.1	2,789.1	2,785.6	2,751.2	2,756.1	2,752.5	2,754.0
Unemployed .....	156.2	151.6	150.6	148.8	141.4	143.4	145.6	144.6	144.3	135.1	137.6	138.6	145.7
Unemployment rate .....	5.3	5.2	5.1	5.1	4.8	4.9	5.0	4.9	4.9	4.7	4.8	4.8	5.0
<b>Texas</b>													
Civilian labor force .....	10,729.5	10,750.2	10,727.3	10,755.8	10,770.7	10,781.8	10,809.2	10,812.3	10,807.3	10,895.6	10,942.8	10,954.6	11,023.4
Employed .....	10,048.8	10,061.6	10,063.0	10,070.1	10,081.4	10,090.6	10,107.8	10,110.9	10,107.6	10,194.8	10,217.3	10,220.1	10,293.7
Unemployed .....	680.7	688.6	664.4	685.7	689.3	691.1	701.3	701.4	699.7	700.8	725.5	734.5	729.6
Unemployment rate .....	6.3	6.4	6.2	6.4	6.4	6.4	6.5	6.5	6.5	6.4	6.6	6.7	6.6

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	2002										2003			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
<b>Utah</b>														
Civilian labor force .....	1,181.1	1,179.1	1,174.9	1,179.5	1,178.9	1,180.7	1,182.2	1,183.5	1,184.1	1,203.7	1,202.9	1,200.8	1,203.9	
Employed .....	1,106.5	1,106.1	1,106.0	1,107.9	1,108.2	1,108.0	1,109.9	1,110.2	1,110.1	1,139.2	1,139.1	1,131.9	1,140.0	
Unemployed .....	74.6	73.0	68.9	71.7	70.7	72.7	72.2	73.3	74.0	64.5	63.8	68.8	64.0	
Unemployment rate .....	6.3	6.2	5.9	6.1	6.0	6.2	6.1	6.2	6.3	5.4	5.3	5.7	5.3	
<b>Vermont</b>														
Civilian labor force .....	347.1	348.1	349.5	349.2	349.6	349.8	350.7	351.3	351.9	351.8	350.6	352.0	353.2	
Employed .....	334.1	335.0	336.5	336.0	336.3	336.9	337.8	338.4	338.7	337.6	336.7	337.4	338.2	
Unemployed .....	13.1	13.1	13.0	13.2	13.3	13.0	12.8	12.9	13.2	14.2	13.9	14.6	15.0	
Unemployment rate .....	3.8	3.8	3.7	3.8	3.8	3.7	3.7	3.7	3.7	4.0	4.0	4.1	4.2	
<b>Virginia</b>														
Civilian labor force .....	3,743.4	3,738.4	3,730.1	3,736.6	3,737.2	3,737.0	3,739.9	3,740.8	3,734.4	3,785.3	3,789.8	3,805.7	3,804.8	
Employed .....	3,577.8	3,581.1	3,583.2	3,585.8	3,587.9	3,591.0	3,595.3	3,595.2	3,590.7	3,633.9	3,633.3	3,645.8	3,641.1	
Unemployed .....	165.7	157.4	146.9	150.8	149.3	146.1	144.6	145.7	143.7	151.4	156.5	159.9	163.7	
Unemployment rate .....	4.4	4.2	3.9	4.0	4.0	3.9	3.9	3.9	3.8	4.0	4.1	4.2	4.3	
<b>Washington</b>														
Civilian labor force .....	3,088.6	3,090.0	3,096.4	3,107.5	3,109.9	3,119.0	3,129.0	3,124.6	3,124.6	3,133.4	3,110.6	3,111.8	3,114.9	
Employed .....	2,851.8	2,861.2	2,869.5	2,879.1	2,885.5	2,893.0	2,907.2	2,904.6	2,905.6	2,922.8	2,897.3	2,892.1	2,886.0	
Unemployed .....	236.8	228.8	227.0	228.4	224.5	226.0	221.8	220.0	219.0	210.6	213.4	219.7	228.9	
Unemployment rate .....	7.7	7.4	7.3	7.3	7.2	7.2	7.1	7.0	7.0	6.7	6.9	7.1	7.3	
<b>West Virginia</b>														
Civilian labor force .....	809.0	813.3	802.5	802.2	800.2	798.9	796.7	793.7	792.4	807.0	809.4	803.0	805.0	
Employed .....	759.7	762.9	752.1	751.5	750.5	749.0	747.1	744.8	744.3	763.2	761.2	757.1	756.7	
Unemployed .....	49.3	50.5	50.5	50.8	49.7	49.9	49.7	48.8	48.1	43.8	48.2	45.9	48.3	
Unemployment rate .....	6.1	6.2	6.3	6.3	6.2	6.2	6.2	6.2	6.1	5.4	6.0	5.7	6.0	
<b>Wisconsin</b>														
Civilian labor force .....	3,029.7	3,023.2	3,021.0	3,023.4	3,023.6	3,020.3	3,027.2	3,025.8	3,027.9	3,101.2	3,106.4	3,106.0	3,093.6	
Employed .....	2,862.3	2,863.7	2,860.0	2,860.2	2,856.5	2,855.0	2,861.0	2,857.6	2,854.5	2,933.8	2,941.1	2,935.1	2,927.3	
Unemployed .....	167.5	159.5	161.0	163.2	167.1	165.3	166.2	168.2	173.4	167.3	165.3	170.9	166.3	
Unemployment rate .....	5.5	5.3	5.3	5.4	5.5	5.5	5.5	5.6	5.7	5.4	5.3	5.5	5.4	
<b>Wyoming</b>														
Civilian labor force .....	271.1	270.5	270.0	269.8	269.4	269.6	269.5	270.0	270.1	274.6	275.5	274.9	275.4	
Employed .....	259.3	259.2	258.8	258.6	258.3	258.3	258.1	258.3	258.3	263.8	264.2	263.7	264.5	
Unemployed .....	11.8	11.3	11.2	11.2	11.1	11.4	11.4	11.6	11.8	10.9	11.3	11.2	10.9	
Unemployment rate .....	4.4	4.2	4.1	4.1	4.1	4.2	4.2	4.3	4.4	4.0	4.1	4.1	4.0	
<b>Puerto Rico</b>														
Civilian labor force .....	1,356.3	1,350.0	1,362.2	1,355.6	1,365.3	1,366.4	1,361.7	1,361.1	1,352.6	1,380.6	1,371.2	1,388.6	1,411.6	
Employed .....	1,190.1	1,184.0	1,189.5	1,184.8	1,198.5	1,200.0	1,201.6	1,198.4	1,186.4	1,223.7	1,207.2	1,218.9	1,235.4	
Unemployed .....	166.1	166.1	172.8	170.8	166.8	166.4	160.0	162.7	166.2	156.8	163.9	169.7	176.2	
Unemployment rate .....	12.2	12.3	12.7	12.6	12.2	12.2	11.8	12.0	12.3	11.4	12.0	12.2	12.5	

NOTE: Data refer to place of residence. Data for Puerto Rico are derived from a monthly household survey similar to the Current Population Survey. All estimates are provisional and will

be revised when new benchmark and population information becomes available.

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

**C-3. Labor force status by State and metropolitan area**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	March		April		March		April		March		April	
	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003
<b>Alabama</b> .....	2,095.7	2,142.8	2,097.7	2,143.3	115.8	113.5	116.5	115.9	5.5	5.3	5.6	5.4
Anniston .....	51.8	52.4	51.6	52.3	2.7	2.6	2.8	2.7	5.3	5.0	5.4	5.1
Auburn-Opelika .....	50.8	52.5	51.9	52.4	1.8	1.8	2.1	1.8	3.5	3.5	4.1	3.4
Birmingham .....	470.6	479.1	470.0	478.2	18.8	19.5	19.1	19.6	4.0	4.1	4.1	4.1
Decatur .....	72.5	73.4	71.9	73.7	5.2	4.1	5.1	4.2	7.1	5.6	7.1	5.7
Dothan .....	64.9	66.6	64.8	66.7	3.0	2.7	2.9	2.7	4.6	4.1	4.5	4.0
Florence .....	64.4	62.4	64.3	62.4	6.8	5.0	6.6	5.0	10.5	8.0	10.2	8.0
Gadsden .....	47.2	47.6	47.3	47.9	2.7	2.6	2.8	2.7	5.6	5.5	6.0	5.7
Huntsville .....	174.8	177.9	176.3	177.7	7.3	7.6	7.1	7.9	4.2	4.3	4.0	4.5
Mobile .....	266.1	271.2	266.3	271.4	14.6	15.4	14.7	15.2	5.5	5.7	5.5	5.6
Montgomery .....	160.8	165.3	160.8	165.5	6.5	7.3	6.6	7.4	4.0	4.4	4.1	4.5
Tuscaloosa .....	84.5	86.7	84.2	87.3	2.6	2.8	2.7	4.4	3.1	3.2	3.2	5.0
<b>Alaska</b> .....	316.1	334.5	315.0	334.8	26.6	26.1	24.5	24.9	8.4	7.8	7.8	7.4
Anchorage .....	142.9	152.5	142.5	151.3	8.2	8.1	7.7	7.9	5.7	5.3	5.4	5.2
<b>Arizona</b> .....	2,638.7	2,642.7	2,651.5	2,659.0	152.6	144.7	151.4	147.3	5.8	5.5	5.7	5.5
Flagstaff .....	67.7	66.9	69.4	67.2	4.2	4.3	3.6	3.7	6.1	6.4	5.2	5.5
Phoenix-Mesa .....	1,774.4	1,777.2	1,781.3	1,787.3	99.5	91.3	97.2	91.6	5.6	5.1	5.5	5.1
Tucson .....	427.2	426.2	428.4	428.3	20.6	19.0	20.2	18.0	4.8	4.5	4.7	4.2
Yuma .....	64.7	66.2	65.8	68.6	8.5	10.2	11.8	15.0	13.1	15.4	17.9	21.9
<b>Arkansas</b> .....	1,273.9	1,295.2	1,281.0	1,301.1	74.4	68.5	68.2	65.6	5.8	5.3	5.3	5.0
Fayetteville-Springdale-Rogers .....	164.3	171.2	165.9	172.8	4.2	4.2	3.8	4.2	2.5	2.5	2.3	2.4
Fort Smith .....	99.2	101.3	99.5	101.6	4.9	4.9	4.5	4.6	4.9	4.9	4.5	4.5
Jonesboro .....	44.1	45.6	44.4	46.1	2.4	1.9	2.1	1.9	5.4	4.2	4.7	4.0
Little Rock-North Little Rock .....	310.1	314.1	312.3	315.8	14.6	13.2	13.9	13.0	4.7	4.2	4.4	4.1
Pine Bluff .....	36.9	37.0	36.9	37.4	3.2	3.0	3.1	3.0	8.6	8.2	8.5	8.0
<b>California</b> .....	17,320.6	17,592.3	17,275.3	17,532.5	1,180.5	1,213.8	1,130.8	1,178.3	6.8	6.9	6.5	6.7
Bakersfield .....	292.7	299.6	297.4	303.3	40.7	43.5	36.3	39.2	13.9	14.5	12.2	12.9
Chico-Paradise .....	91.5	92.9	91.7	93.6	7.5	8.0	6.9	7.5	8.2	8.6	7.5	8.0
Fresno .....	442.1	456.5	449.0	461.7	72.9	77.4	67.2	72.2	16.5	17.0	15.0	15.6
Los Angeles-Long Beach .....	4,688.9	4,782.4	4,653.6	4,750.0	317.3	306.6	314.4	308.5	6.8	6.4	6.8	6.5
Merced .....	87.8	94.0	88.4	94.2	15.5	16.4	13.9	15.1	17.6	17.4	15.7	16.0
Modesto .....	213.2	221.1	211.0	219.8	27.5	28.6	25.7	27.7	12.9	12.9	12.2	12.6
Oakland .....	1,286.6	1,310.6	1,277.0	1,304.0	76.2	82.4	74.6	82.5	5.9	6.3	5.8	6.3
Orange County .....	1,557.2	1,574.9	1,548.4	1,566.3	62.0	61.6	61.2	60.1	4.0	3.9	4.0	3.8
Redding .....	78.3	82.2	78.9	81.4	7.0	7.2	6.0	6.8	8.9	8.7	7.6	8.3
Riverside-San Bernardino .....	1,628.1	1,680.1	1,637.6	1,679.7	88.0	95.9	87.4	96.3	5.4	5.7	5.3	5.7
Sacramento .....	859.8	877.1	853.2	874.2	43.9	47.1	41.7	46.2	5.1	5.4	4.9	5.3
Salinas .....	198.3	200.9	201.3	203.7	29.2	29.0	22.0	21.9	14.7	14.4	10.9	10.8
San Diego .....	1,462.2	1,493.9	1,462.5	1,484.0	58.8	65.1	57.9	64.2	4.0	4.4	4.0	4.3
San Francisco .....	940.1	927.8	936.5	925.1	54.3	53.7	53.5	53.5	5.8	5.8	5.7	5.8
San Jose .....	972.6	932.0	958.5	924.2	78.1	79.5	77.1	78.1	8.0	8.5	8.0	8.4
San Luis Obispo-Atascadero-Paso Robles .....	122.3	124.1	122.4	124.5	4.1	4.3	3.7	4.2	3.3	3.5	3.0	3.4
Santa Barbara-Santa Maria-Lompoc .....	204.7	206.1	207.7	207.7	9.7	9.6	8.2	7.8	4.7	4.7	4.0	3.8
Santa Cruz-Watsonville .....	143.3	144.9	144.5	144.5	14.3	15.3	12.8	13.3	9.9	10.6	8.9	9.2
Santa Rosa .....	265.0	265.3	263.7	264.8	12.4	13.2	11.6	13.2	4.7	5.0	4.4	5.0
Stockton-Lodi .....	272.8	281.0	270.4	279.1	30.4	30.7	28.2	29.4	11.2	10.9	10.4	10.5
Vallejo-Fairfield-Napa .....	276.3	287.6	277.5	286.6	14.1	16.4	13.4	16.4	5.1	5.7	4.8	5.7
Ventura .....	425.5	423.5	424.9	423.2	20.6	21.3	19.6	20.6	4.8	5.0	4.6	4.9
Visalia-Tulare-Porterville .....	174.0	179.4	177.9	183.5	32.4	32.8	27.7	28.7	18.6	18.3	15.6	15.6
Yolo .....	95.2	96.8	95.3	96.5	5.5	5.9	4.6	5.1	5.8	6.1	4.9	5.3
Yuba City .....	58.8	60.1	58.9	59.5	9.5	9.9	8.8	9.4	16.1	16.4	14.9	15.8
<b>Colorado</b> .....	2,401.7	2,427.5	2,402.0	2,443.8	145.8	145.5	136.5	144.6	6.1	6.0	5.7	5.9
Boulder-Longmont <sup>1,2</sup> .....	198.4	174.7	198.1	176.0	11.6	10.0	11.1	9.9	5.9	5.7	5.6	5.6
Colorado Springs .....	276.1	277.3	275.1	278.1	19.2	17.7	17.9	17.4	6.9	6.4	6.5	6.3
Denver <sup>1,2</sup> .....	1,194.8	1,228.2	1,197.5	1,238.6	74.2	75.3	70.3	75.7	6.2	6.1	5.9	6.1
Fort Collins-Loveland .....	153.1	155.6	154.2	158.2	8.5	8.8	7.8	8.5	5.5	5.6	5.0	5.4
Grand Junction .....	62.5	65.0	62.6	65.3	3.4	3.7	3.0	3.4	5.4	5.7	4.7	5.2
Greeley .....	94.8	97.5	96.0	99.5	6.1	6.8	5.6	6.7	6.5	6.9	5.8	6.7
Pueblo .....	61.7	61.8	61.6	62.4	4.7	4.6	4.2	4.3	7.5	7.4	6.8	6.9
<b>Connecticut</b> .....	1,758.5	1,777.1	1,757.1	1,772.7	75.5	96.3	72.0	92.1	4.3	5.4	4.1	5.2
Bridgeport .....	223.3	226.4	223.6	226.2	11.6	14.6	11.3	14.0	5.2	6.5	5.0	6.2
Danbury .....	112.5	115.6	112.8	115.9	3.9	4.3	3.4	4.1	3.5	3.7	3.0	3.5
Hartford .....	601.2	605.8	598.2	602.7	26.2	35.7	24.4	33.9	4.4	5.9	4.1	5.6
New Haven-Meriden .....	283.6	287.6	284.8	288.1	11.3	14.5	11.0	14.0	4.0	5.0	3.9	4.9
New London-Norwich .....	162.1	166.0	161.1	165.1	5.7	7.9	5.7	7.6	3.5	4.8	3.5	4.6
Stamford-Norwalk .....	191.8	190.8	191.1	189.6	6.4	6.7	6.1	6.5	3.4	3.5	3.2	3.4
Waterbury .....	116.2	117.9	116.1	117.3	7.2	8.7	7.0	8.3	6.2	7.4	6.0	7.1
<b>Delaware</b> .....	426.3	420.0	424.6	418.9	18.4	18.0	17.6	16.8	4.3	4.3	4.2	4.0
Dover .....	74.9	74.5	75.2	74.2	3.2	3.1	2.8	3.0	4.2	4.2	3.7	4.1
Wilmington-Newark .....	318.1	310.4	315.5	309.5	13.8	15.6	15.2	13.9	4.4	5.0	4.8	4.5

See footnotes at end of table.

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

**C-3. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	March		April		March		April		March		April	
	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003
<b>District of Columbia</b> .....	304.1	305.7	304.3	304.5	19.1	19.3	17.4	19.9	6.3	6.3	5.7	6.5
Washington .....	2,808.2	2,845.2	2,810.9	2,844.3	104.3	101.0	99.6	96.0	3.7	3.6	3.5	3.4
<b>Florida</b> .....	8,023.8	8,046.5	8,031.1	8,043.6	419.9	405.2	426.8	413.9	5.2	5.0	5.3	5.1
Daytona Beach .....	211.7	213.4	214.0	213.2	10.9	10.7	11.2	11.1	5.1	5.0	5.2	5.2
Fort Lauderdale .....	856.6	857.4	853.3	858.9	50.7	48.0	51.1	49.6	5.9	5.6	6.0	5.8
Fort Myers-Cape Coral .....	207.9	212.6	210.2	211.8	7.4	8.5	7.6	8.7	3.6	4.0	3.6	4.1
Fort Pierce-Port St. Lucie .....	139.9	140.4	140.2	139.2	7.5	7.6	7.5	7.5	5.4	5.4	5.3	5.4
Fort Walton Beach .....	86.8	87.7	87.2	88.4	2.9	2.5	2.8	2.5	3.4	2.9	3.3	2.9
Gainesville .....	112.5	111.1	113.4	110.5	2.8	2.5	2.9	2.6	2.5	2.3	2.6	2.3
Jacksonville .....	582.6	580.9	584.5	583.9	29.7	29.0	30.2	29.9	5.1	5.0	5.2	5.1
Lakeland-Winter Haven .....	216.3	217.2	218.1	217.3	11.3	11.5	11.4	11.8	5.2	5.3	5.2	5.4
Melbourne-Titusville-Palm Bay .....	219.7	216.7	219.8	217.4	11.5	11.3	11.8	11.4	5.2	5.2	5.4	5.2
Miami .....	1,115.9	1,106.7	1,106.6	1,101.7	86.1	79.4	86.5	81.7	7.7	7.2	7.8	7.4
Naples .....	116.4	123.9	115.7	122.6	3.5	4.3	3.5	4.3	3.0	3.5	3.0	3.5
Ocala .....	103.1	102.9	103.4	103.3	5.1	4.7	5.2	4.7	4.9	4.5	5.0	4.6
Orlando .....	949.2	947.3	948.6	949.4	51.7	46.9	51.9	48.4	5.4	5.0	5.5	5.1
Panama City .....	69.0	68.9	69.4	69.1	4.0	3.8	3.7	3.6	5.8	5.5	5.4	5.2
Pensacola .....	176.3	174.0	176.4	174.4	7.7	7.3	7.9	7.4	4.4	4.2	4.5	4.2
Punta Gorda .....	56.2	59.1	56.5	58.8	2.0	2.2	2.2	2.3	3.6	3.7	3.9	3.9
Sarasota-Bradenton .....	292.1	294.2	294.5	297.0	9.5	9.9	10.4	10.6	3.3	3.4	3.5	3.6
Tallahassee .....	155.0	153.2	155.4	153.6	5.2	5.3	5.4	5.4	3.4	3.5	3.5	3.5
Tampa-St. Petersburg-Clearwater .....	1,314.7	1,320.3	1,316.9	1,315.2	58.4	58.3	60.2	58.3	4.4	4.4	4.6	4.4
West Palm Beach-Boca Raton .....	573.8	585.2	577.2	584.6	30.1	29.4	31.1	30.2	5.2	5.0	5.4	5.2
<b>Georgia</b> .....	4,266.7	4,341.3	4,264.0	4,351.4	217.8	202.2	202.6	191.6	5.1	4.7	4.8	4.4
Albany .....	54.5	56.9	54.5	57.2	3.3	3.2	2.9	2.9	6.0	5.6	5.4	5.0
Athens .....	75.0	77.4	75.4	77.9	2.6	2.2	2.3	2.1	3.5	2.9	3.1	2.7
Atlanta .....	2,374.0	2,406.0	2,368.8	2,409.3	123.7	114.2	116.3	109.7	5.2	4.7	4.9	4.6
Augusta-Aiken .....	207.4	210.6	209.5	213.0	10.6	9.2	10.1	9.5	5.1	4.4	4.8	4.5
Columbus .....	126.9	125.1	124.1	125.4	6.4	6.3	5.6	5.9	5.0	5.0	4.5	4.7
Macon .....	153.3	156.1	153.4	156.8	6.2	6.1	6.0	5.8	4.1	3.9	3.9	3.7
Savannah .....	140.9	145.8	141.9	146.5	5.5	5.2	5.0	5.0	3.9	3.5	3.5	3.4
<b>Hawaii</b> .....	582.1	592.3	582.4	598.7	24.8	19.9	25.8	22.4	4.3	3.4	4.4	3.7
Honolulu .....	413.1	420.0	411.1	423.8	16.3	12.5	16.8	14.0	4.0	3.0	4.1	3.3
<b>Idaho</b> .....	678.4	687.7	680.7	689.1	46.5	43.6	41.9	41.0	6.9	6.3	6.1	5.9
Boise City .....	250.2	247.8	248.9	246.8	14.0	14.5	12.8	14.0	5.6	5.8	5.2	5.7
Pocatello .....	39.7	42.2	39.8	41.7	2.8	2.3	2.8	2.1	7.1	5.5	7.1	5.1
<b>Illinois</b> .....	6,364.6	6,365.1	6,349.5	6,336.4	431.6	449.3	404.0	390.6	6.8	7.1	6.4	6.2
Bloomington-Normal .....	96.3	96.8	95.6	96.1	3.0	3.2	2.5	2.4	3.1	3.3	2.6	2.5
Champaign-Urbana .....	101.3	102.1	101.7	102.0	3.4	3.4	3.1	2.9	3.3	3.3	3.1	2.9
Chicago .....	4,260.8	4,263.5	4,245.2	4,238.6	296.4	306.9	281.6	270.5	7.0	7.2	6.6	6.4
Davenport-Moline-Rock Island .....	188.7	187.1	187.8	186.7	11.1	10.5	9.9	9.0	5.9	5.6	5.3	4.8
Decatur .....	57.3	56.0	56.4	55.8	5.1	4.5	4.3	3.8	9.0	8.0	7.6	6.8
Kankakee .....	52.6	53.4	52.6	52.8	3.8	4.5	3.5	3.7	7.3	8.5	6.6	7.0
Peoria-Pekin .....	182.7	181.4	180.8	180.5	11.0	11.1	9.0	9.4	6.0	6.1	5.0	5.2
Rockford .....	198.1	197.9	198.3	197.6	16.5	17.7	15.3	15.8	8.3	8.9	7.7	8.0
Springfield .....	107.6	105.7	107.8	105.9	4.8	5.6	4.5	4.7	4.5	5.3	4.2	4.4
<b>Indiana</b> .....	3,138.9	3,145.6	3,168.0	3,169.5	176.0	161.7	169.2	162.2	5.6	5.1	5.3	5.1
Bloomington .....	63.8	63.8	64.3	64.3	2.3	2.1	2.2	2.0	3.6	3.3	3.4	3.0
Elkhart-Goshen .....	94.6	99.3	94.2	101.4	5.1	4.4	4.7	5.8	5.4	4.4	5.0	5.8
Evansville-Henderson .....	164.8	162.5	166.6	164.5	7.0	6.7	6.7	6.7	4.3	4.1	4.0	4.1
Fort Wayne .....	268.5	270.1	271.6	273.3	15.4	14.1	14.5	14.2	5.7	5.2	5.3	5.2
Gary .....	302.8	297.2	304.7	297.7	23.0	16.9	22.2	16.5	7.6	5.7	7.3	5.5
Indianapolis .....	883.5	877.4	890.2	880.0	41.3	41.2	41.5	41.8	4.7	4.7	4.7	4.7
Kokomo .....	50.3	50.5	50.5	50.2	3.2	2.8	2.9	2.8	6.4	5.5	5.7	5.5
Lafayette .....	94.8	95.7	96.2	96.2	3.8	3.9	3.7	3.8	4.0	4.1	3.8	4.0
Muncie .....	61.7	61.0	60.9	61.2	3.5	3.8	3.6	3.6	5.7	6.2	5.9	5.9
South Bend .....	135.4	136.7	136.5	137.3	7.7	6.4	7.3	6.7	5.7	4.7	5.3	4.9
Terre Haute .....	70.5	70.2	71.3	70.8	4.8	4.0	4.5	3.9	6.8	5.7	6.4	5.6
<b>Iowa</b> .....	1,650.8	1,644.0	1,656.0	1,637.8	77.6	79.9	67.1	69.5	4.7	4.9	4.1	4.2
Cedar Rapids .....	119.9	117.7	119.9	118.0	5.5	5.9	5.1	5.1	4.6	5.0	4.3	4.4
Des Moines .....	274.7	275.4	274.0	276.2	10.5	11.7	9.1	10.2	3.8	4.2	3.3	3.7
Dubuque .....	50.5	49.8	50.2	49.5	2.4	2.4	1.9	1.8	4.8	4.9	3.9	3.7
Iowa City .....	75.7	76.6	75.3	76.4	2.2	2.4	2.1	2.2	3.0	3.2	2.8	2.8
Sioux City .....	65.8	66.0	65.7	66.3	2.9	3.0	2.6	2.9	4.3	4.6	3.9	4.3
Waterloo-Cedar Falls .....	72.3	71.7	72.0	71.8	3.7	3.7	3.3	3.4	5.1	5.2	4.5	4.8
<b>Kansas</b> .....	1,399.4	1,465.5	1,400.2	1,463.9	73.2	72.0	69.6	69.9	5.2	4.9	5.0	4.8
Lawrence .....	58.5	59.6	57.3	59.2	2.8	2.6	2.6	2.4	4.8	4.3	4.6	4.1
Topeka .....	91.0	93.8	88.2	93.4	3.9	3.8	3.7	3.6	4.3	4.0	4.2	3.8
Wichita .....	286.3	295.4	283.5	293.4	18.2	18.0	18.1	17.6	6.4	6.1	6.4	6.0

See footnotes at end of table.

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

**C-3. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	March		April		March		April		March		April	
	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003
<b>Kentucky</b> .....	1,951.9	1,975.9	1,958.1	1,981.3	117.6	119.1	108.1	110.8	6.0	6.0	5.5	5.6
Lexington .....	252.0	255.9	254.7	259.2	10.3	10.7	9.7	10.3	4.1	4.2	3.8	4.0
Louisville .....	558.3	561.4	558.5	564.4	31.6	28.7	29.2	27.4	5.7	5.1	5.2	4.9
Owensboro .....	48.6	49.4	48.4	49.5	2.8	2.9	2.5	2.7	5.7	6.0	5.2	5.4
<b>Louisiana</b> .....	2,001.3	2,049.9	2,004.7	2,045.2	115.3	123.7	111.9	115.3	5.8	6.0	5.6	5.6
Alexandria .....	58.6	60.5	59.0	60.4	3.2	3.5	3.1	3.1	5.4	5.7	5.2	5.1
Baton Rouge .....	300.2	306.7	301.0	305.9	15.2	16.8	15.3	15.7	5.1	5.5	5.1	5.1
Houma .....	94.5	99.7	95.8	98.6	3.8	3.7	3.8	3.3	4.0	3.7	4.0	3.3
Lafayette .....	176.2	181.2	177.9	180.5	9.7	9.2	9.4	8.3	5.5	5.1	5.3	4.6
Lake Charles .....	88.4	88.4	87.5	89.3	4.2	5.4	4.2	5.1	4.8	6.2	4.8	5.7
Monroe .....	72.9	73.8	72.9	73.8	3.4	4.0	3.2	3.8	4.6	5.4	4.4	5.1
New Orleans .....	595.5	603.0	597.7	605.1	29.7	30.8	29.0	28.7	5.0	5.1	4.9	4.7
Shreveport-Bossier City .....	179.9	183.3	178.5	182.3	12.1	12.8	11.5	14.1	6.7	7.0	6.4	7.7
<b>Maine</b> .....	676.8	687.1	676.6	688.1	34.1	36.2	31.9	36.0	5.0	5.3	4.7	5.2
Bangor .....	54.0	54.2	53.7	53.8	1.8	1.8	1.6	1.7	3.3	3.3	2.9	3.2
Lewiston-Auburn .....	54.7	54.2	54.4	53.9	2.5	2.6	2.3	2.5	4.6	4.7	4.2	4.6
Portland .....	139.4	139.5	138.9	138.8	4.1	4.0	3.9	3.9	2.9	2.9	2.8	2.8
<b>Maryland</b> .....	2,874.5	2,907.6	2,868.4	2,907.2	127.1	128.8	121.5	119.1	4.4	4.4	4.2	4.1
Baltimore .....	1,338.0	1,355.0	1,331.4	1,355.4	63.4	65.2	60.4	60.6	4.7	4.8	4.5	4.5
Cumberland .....	44.6	44.8	44.2	44.3	3.5	3.1	3.0	2.7	7.8	6.8	6.9	6.0
Hagerstown .....	70.7	72.4	70.6	71.9	3.6	3.8	3.1	3.3	5.1	5.3	4.4	4.6
<b>Massachusetts</b> .....	3,450.2	3,434.8	3,449.6	3,424.6	191.1	209.6	175.3	181.8	5.5	6.1	5.1	5.3
Barnstable-Yarmouth .....	76.2	79.0	78.7	80.3	4.6	5.2	3.6	3.8	6.1	6.5	4.5	4.8
Boston .....	1,912.6	1,889.5	1,906.8	1,884.4	93.7	100.1	88.3	89.2	4.9	5.3	4.6	4.7
Brockton .....	141.1	143.9	141.7	143.2	7.9	8.9	7.4	7.6	5.6	6.2	5.2	5.3
Fitchburg-Leominster .....	70.8	73.3	71.1	72.8	5.2	5.8	4.8	5.0	7.3	7.9	6.8	6.9
Lawrence .....	222.2	220.6	222.6	219.3	17.2	17.1	17.0	16.0	7.8	7.8	7.6	7.3
Lowell .....	184.1	180.7	185.1	180.0	11.8	12.7	11.1	11.3	6.4	7.0	6.0	6.3
New Bedford .....	84.1	85.2	83.7	84.2	6.9	8.0	5.8	6.5	8.3	9.4	6.9	7.7
Pittsfield .....	40.8	41.4	40.9	41.4	2.4	2.7	2.1	2.3	5.9	6.4	5.2	5.5
Springfield .....	297.0	300.3	296.3	298.4	16.1	18.8	14.2	15.9	5.4	6.2	4.8	5.3
Worcester .....	266.9	262.3	266.6	260.5	15.7	18.2	14.6	15.7	5.9	6.9	5.5	6.0
<b>Michigan</b> .....	5,012.1	5,071.6	4,969.1	5,005.9	350.1	375.7	307.1	326.0	7.0	7.4	6.2	6.5
Ann Arbor .....	312.8	312.8	308.0	310.2	12.6	13.4	11.4	11.3	4.0	4.3	3.7	3.7
Benton Harbor .....	79.4	81.4	79.1	80.7	5.4	5.6	4.6	4.7	6.8	6.9	5.8	5.8
Detroit .....	2,233.4	2,248.4	2,212.6	2,220.6	146.9	161.1	132.5	141.6	6.6	7.2	6.0	6.4
Flint .....	190.4	186.9	185.8	183.2	18.1	18.1	14.8	15.3	9.5	9.7	8.0	8.4
Grand Rapids-Muskegon-Holland .....	604.0	619.1	601.4	612.8	41.5	46.8	37.2	45.0	6.9	7.6	6.2	7.3
Jackson .....	77.6	80.4	78.4	78.5	5.4	6.5	5.0	5.5	6.9	8.1	6.3	7.1
Kalamazoo-Battle Creek .....	229.0	230.5	226.2	226.5	13.2	14.2	11.2	12.1	5.8	6.2	5.0	5.3
Lansing-East Lansing .....	249.1	253.7	246.6	250.0	10.8	12.0	9.4	9.9	4.3	4.7	3.8	4.0
Saginaw-Bay City-Midland .....	197.0	202.3	195.6	197.4	14.9	17.3	13.1	14.2	7.6	8.5	6.7	7.2
<b>Minnesota</b> .....	2,889.5	2,894.0	2,917.6	2,918.6	145.6	142.9	141.2	133.6	5.0	4.9	4.8	4.6
Duluth-Superior .....	131.4	132.7	132.3	133.1	8.1	7.5	8.0	7.3	6.2	5.6	6.0	5.4
Minneapolis-St. Paul .....	1,817.7	1,821.4	1,828.1	1,825.5	82.8	80.9	81.2	76.8	4.6	4.4	4.4	4.2
Rochester .....	81.9	82.7	82.5	82.7	3.2	3.3	3.3	3.1	3.9	4.0	3.9	3.8
St. Cloud .....	107.5	107.1	108.5	107.4	5.6	6.0	5.5	5.2	5.2	5.6	5.1	4.8
<b>Mississippi</b> .....	1,299.0	1,314.7	1,290.4	1,313.2	90.4	82.1	82.4	79.5	7.0	6.2	6.4	6.1
Biloxi-Gulfport-Pascagoula .....	173.0	170.3	172.3	170.8	9.6	7.8	9.4	8.3	5.5	4.6	5.5	4.9
Hattiesburg .....	54.0	55.0	53.8	55.0	2.3	2.0	2.2	1.9	4.2	3.6	4.1	3.5
Jackson .....	233.0	239.4	232.0	240.3	10.4	10.3	9.7	10.5	4.5	4.3	4.2	4.4
<b>Missouri</b> .....	2,997.2	2,943.8	2,998.1	2,967.4	170.6	148.2	160.7	145.1	5.7	5.0	5.4	4.9
Columbia .....	91.0	87.4	89.4	88.0	2.0	1.7	1.9	1.7	2.2	2.0	2.2	1.9
Joplin .....	85.1	81.1	83.8	81.5	4.3	3.8	4.0	4.0	5.1	4.7	4.8	4.9
Kansas City .....	999.2	1,007.5	1,002.7	1,008.9	55.2	53.8	54.4	54.7	5.5	5.3	5.4	5.4
St. Joseph .....	54.0	51.9	53.3	52.2	3.3	2.9	3.2	2.6	6.2	5.5	5.9	5.0
St. Louis <sup>2</sup> .....	1,376.3	1,375.7	1,381.8	1,388.2	77.9	71.9	76.8	71.1	5.7	5.2	5.6	5.1
Springfield .....	175.6	178.1	176.6	179.1	8.0	6.3	7.7	6.2	4.5	3.5	4.4	3.5
<b>Montana</b> .....	459.3	466.0	462.6	470.2	26.3	23.9	21.5	18.8	5.7	5.1	4.7	4.0
Billings .....	69.3	71.9	68.9	72.8	3.1	2.7	2.4	1.8	4.5	3.7	3.4	2.5
Great Falls .....	36.8	37.8	36.7	37.8	1.9	1.7	1.6	1.2	5.1	4.6	4.3	3.3
Missoula .....	53.7	54.8	54.4	55.9	2.5	2.4	2.1	1.9	4.6	4.3	3.8	3.4
<b>Nebraska</b> .....	955.2	979.8	956.2	983.0	36.4	38.9	32.9	36.6	3.8	4.0	3.4	3.7
Lincoln .....	152.8	157.4	152.8	157.6	5.2	5.8	4.8	5.5	3.4	3.7	3.1	3.5
Omaha .....	413.6	422.2	412.4	425.9	16.5	17.6	15.3	16.9	4.0	4.2	3.7	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 metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	March		April		March		April		March		April	
	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003
<b>Nevada</b> .....	1,114.2	1,108.1	1,112.6	1,108.2	66.5	60.9	62.9	60.9	6.0	5.5	5.6	5.5
Las Vegas .....	880.2	878.6	878.4	877.9	52.6	48.0	50.4	48.0	6.0	5.5	5.7	5.5
Reno .....	196.9	195.0	197.4	195.3	10.3	9.5	9.5	9.3	5.2	4.9	4.8	4.7
<b>New Hampshire</b> .....	700.3	712.4	699.6	710.8	34.4	31.6	33.7	30.3	4.9	4.4	4.8	4.3
Manchester .....	112.8	115.7	112.8	115.6	5.3	5.2	5.2	4.8	4.7	4.5	4.6	4.2
Nashua .....	107.2	107.7	107.4	107.5	6.8	5.9	6.8	5.8	6.3	5.5	6.3	5.4
Portsmouth-Rochester .....	131.3	135.9	132.5	136.0	5.9	5.7	5.5	5.2	4.5	4.2	4.1	3.8
<b>New Jersey</b> .....	4,351.3	4,405.8	4,333.4	4,398.5	255.2	266.1	236.5	239.6	5.9	6.0	5.5	5.4
Atlantic-Cape May .....	169.7	176.3	170.4	176.8	14.7	15.7	12.5	13.3	8.7	8.9	7.3	7.5
Bergen-Passaic .....	682.5	690.0	676.9	685.3	40.3	40.5	37.9	37.4	5.9	5.9	5.6	5.5
Jersey City .....	300.5	296.7	295.5	295.4	24.3	23.1	23.0	21.7	8.1	7.8	7.8	7.3
Middlesex-Somerset-Hunterdon .....	677.5	682.0	673.0	684.2	32.5	33.0	30.8	30.5	4.8	4.8	4.6	4.5
Monmouth-Ocean .....	552.1	565.2	556.8	566.5	30.3	33.1	27.6	29.4	5.5	5.8	5.0	5.2
Newark .....	1,062.5	1,074.8	1,055.9	1,073.2	64.4	66.8	60.1	60.9	6.1	6.2	5.7	5.7
Trenton .....	188.2	188.1	188.1	189.2	9.1	9.3	8.5	8.3	4.8	5.0	4.5	4.4
Vineland-Millville-Bridgeton .....	65.4	66.7	65.0	66.1	5.7	6.2	5.3	5.4	8.8	9.4	8.1	8.1
<b>New Mexico</b> .....	872.9	894.2	873.0	894.8	46.2	51.4	45.3	50.1	5.3	5.7	5.2	5.6
Albuquerque .....	384.7	395.7	383.4	395.8	16.9	19.1	16.6	18.7	4.4	4.8	4.3	4.7
Las Cruces .....	75.3	77.9	75.3	78.0	5.4	5.5	5.2	5.5	7.2	7.1	7.0	7.1
Santa Fe .....	77.8	81.3	78.1	81.1	2.0	2.4	1.9	2.3	2.5	3.0	2.5	2.8
<b>New York</b> .....	9,279.7	9,283.4	9,255.5	9,286.6	588.6	584.2	545.1	552.5	6.3	6.3	5.9	5.9
Albany-Schenectady-Troy .....	464.9	470.6	466.0	471.2	19.8	17.9	17.2	17.5	4.2	3.8	3.7	3.7
Binghamton .....	126.7	125.0	125.9	123.9	8.2	7.3	7.5	6.8	6.5	5.8	6.0	5.5
Buffalo-Niagara Falls .....	571.1	574.7	567.3	572.9	37.3	34.0	33.2	33.1	6.5	5.9	5.8	5.8
Dutchess County .....	128.5	131.1	126.9	129.9	5.5	4.8	5.0	4.6	4.3	3.6	3.9	3.5
Elmira .....	43.2	43.0	42.7	42.4	3.1	2.6	2.9	2.6	7.3	6.0	6.7	6.1
Glens Falls .....	57.4	58.5	57.4	58.5	3.7	3.4	3.1	3.2	6.5	5.8	5.4	5.4
Jamestown .....	65.0	65.8	64.5	65.4	4.6	3.9	4.0	3.8	7.1	5.9	6.3	5.7
Nassau-Suffolk .....	1,457.5	1,472.7	1,457.4	1,479.4	61.3	57.3	56.0	54.7	4.2	3.9	3.8	3.7
New York .....	4,410.1	4,361.2	4,393.9	4,359.3	322.9	344.1	307.7	319.8	7.3	7.9	7.0	7.3
New York City .....	3,737.4	3,680.9	3,720.6	3,674.8	295.2	320.1	282.4	296.6	7.9	8.7	7.6	8.1
Newburgh .....	184.8	187.0	184.7	189.3	8.8	8.2	7.4	8.0	4.8	4.4	4.0	4.2
Rochester .....	571.3	568.2	569.2	568.0	35.3	32.2	33.2	31.6	6.2	5.7	5.8	5.6
Syracuse .....	365.1	374.2	365.8	375.6	21.7	19.8	19.7	19.7	5.9	5.3	5.4	5.2
Utica-Rome .....	142.9	145.8	142.9	146.3	8.5	7.5	7.5	7.3	6.0	5.1	5.2	5.0
<b>North Carolina</b> .....	4,155.9	4,130.0	4,169.9	4,158.5	289.0	252.6	275.2	254.7	7.0	6.1	6.6	6.1
Asheville .....	117.9	116.5	117.2	117.1	6.0	4.6	5.6	4.6	5.1	3.9	4.8	3.9
Charlotte-Gastonia-Rock Hill .....	853.5	859.1	858.0	864.1	52.8	49.8	52.3	51.0	6.2	5.8	6.1	5.9
Fayetteville .....	128.2	127.3	129.2	128.4	9.0	6.8	8.0	6.6	7.0	5.4	6.2	5.1
Goldensboro .....	51.6	51.8	51.7	51.9	3.2	2.8	3.2	2.9	6.2	5.4	6.1	5.5
Greensboro-Winston-Salem-High Point .....	680.8	677.5	679.6	681.7	42.9	38.5	40.0	39.5	6.3	5.7	5.9	5.8
Greenville .....	72.5	72.5	73.6	73.3	4.7	4.5	4.7	4.6	6.5	6.2	6.3	6.3
Hickory-Morganton-Lenoir .....	182.2	175.1	181.1	175.3	16.0	13.8	15.3	14.2	8.8	7.9	8.4	8.1
Jacksonville .....	51.3	50.6	51.4	51.2	3.0	2.9	2.7	2.9	5.8	5.8	5.3	5.7
Raleigh-Durham-Chapel Hill .....	694.2	699.9	696.0	704.0	34.5	32.5	34.5	32.7	5.0	4.6	5.0	4.6
Rocky Mount .....	70.9	69.1	70.8	69.2	7.3	6.2	7.3	6.2	10.3	8.9	10.3	9.0
Wilmington .....	123.9	123.4	125.7	125.2	7.8	6.9	7.7	6.7	6.3	5.6	6.1	5.4
<b>North Dakota</b> .....	341.0	344.9	345.3	346.7	16.7	16.3	15.1	12.5	4.9	4.7	4.4	3.6
Bismarck .....	54.5	53.7	54.7	53.9	2.3	2.3	1.9	1.6	4.2	4.3	3.5	3.0
Fargo-Moorhead .....	105.9	105.6	107.5	106.2	3.5	3.4	3.2	2.8	3.3	3.2	3.0	2.6
Grand Forks .....	54.0	53.8	54.9	54.0	2.7	2.4	2.7	2.1	5.1	4.4	5.0	3.8
<b>Ohio</b> .....	5,802.7	5,839.5	5,801.0	5,852.9	356.7	382.3	333.4	357.0	6.1	6.5	5.7	6.1
Akron .....	368.5	379.5	368.8	378.5	22.9	23.2	21.3	21.2	6.2	6.1	5.8	5.6
Canton-Massillon .....	204.6	204.6	205.1	203.5	12.9	14.7	11.8	13.0	6.3	7.2	5.8	6.4
Cincinnati .....	861.6	874.3	861.9	876.2	43.2	45.2	40.7	41.0	5.0	5.2	4.7	4.7
Cleveland-Lorain-Elyria .....	1,110.3	1,112.4	1,109.0	1,115.8	80.3	79.7	75.7	74.5	7.2	7.2	6.8	6.7
Columbus .....	879.2	884.2	879.4	890.0	39.0	46.2	37.6	43.6	4.4	5.2	4.3	4.9
Dayton-Springfield .....	473.3	472.0	472.8	471.5	28.0	30.9	26.4	28.7	5.9	6.6	5.6	6.1
Hamilton-Middletown .....	197.4	199.9	197.2	200.2	9.0	9.6	8.8	8.6	4.6	4.8	4.5	4.3
Lima .....	75.6	75.5	75.1	76.0	5.2	5.4	4.9	5.2	6.8	7.1	6.6	6.8
Mansfield .....	81.8	83.1	81.7	83.3	6.2	6.7	5.6	6.3	7.6	8.1	6.9	7.6
Steubenville-Weirton .....	53.9	54.1	54.2	54.6	3.3	3.5	2.7	3.1	6.0	6.5	4.9	5.8
Toledo .....	323.5	315.7	323.2	318.5	20.7	23.1	19.8	21.8	6.4	7.3	6.1	6.8
Youngstown-Warren .....	271.2	273.1	270.1	275.0	20.0	21.5	18.4	27.5	7.4	7.9	6.8	10.0
<b>Oklahoma</b> .....	1,693.9	1,693.2	1,696.7	1,698.2	78.2	88.5	75.5	84.4	4.6	5.2	4.5	5.0
Enid .....	26.3	26.7	26.5	27.0	0.7	0.9	0.7	0.8	2.8	3.3	2.6	3.0
Lawton .....	41.3	41.0	41.4	41.2	1.5	1.3	1.5	1.3	3.6	3.2	3.5	3.1
Oklahoma City .....	572.5	575.2	571.0	579.0	25.2	25.7	24.2	25.0	4.4	4.5	4.2	4.3
Tulsa .....	431.6	422.4	434.2	421.8	20.2	25.9	20.0	24.7	4.7	6.1	4.6	5.8

See footnotes at end of table.

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

**C-3. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	March		April		March		April		March		April	
	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003
<b>Oregon</b> .....	1,819.7	1,840.0	1,825.8	1,833.3	159.5	154.0	142.6	147.5	8.8	8.4	7.8	8.0
Corvallis .....	40.5	41.6	40.6	41.4	1.7	1.7	1.5	1.6	4.1	4.1	3.8	3.9
Eugene-Springfield .....	168.5	172.9	168.9	173.8	13.4	12.8	11.9	14.2	8.0	7.4	7.1	8.2
Medford-Ashland .....	92.1	94.3	93.0	94.5	7.9	7.6	7.2	7.1	8.6	8.1	7.7	7.5
Portland-Vancouver .....	1,090.0	1,092.9	1,092.1	1,083.4	92.8	92.2	88.5	88.0	8.5	8.4	8.1	8.1
Salem .....	174.1	178.4	175.6	178.5	14.4	14.2	12.7	13.4	8.3	8.0	7.3	7.5
<b>Pennsylvania</b> .....	6,242.6	6,193.1	6,221.9	6,161.5	372.2	385.5	321.0	339.3	6.0	6.2	5.2	5.5
Allentown-Bethlehem-Easton .....	336.3	333.3	333.6	331.0	19.8	22.2	17.2	19.3	5.9	6.7	5.2	5.8
Altoona .....	65.5	65.0	65.5	64.7	4.4	3.9	3.7	3.3	6.7	6.0	5.7	5.2
Erie .....	144.3	141.6	143.6	139.1	12.1	11.2	10.1	9.7	8.4	7.9	7.0	6.9
Harrisburg-Lebanon-Carlisle .....	361.7	361.6	363.1	360.6	15.4	15.7	13.1	14.0	4.2	4.3	3.6	3.9
Johnstown .....	103.7	102.9	102.3	100.4	8.4	8.3	6.9	6.7	8.1	8.0	6.7	6.7
Lancaster .....	256.7	259.1	255.9	257.7	10.0	11.9	8.6	10.2	3.9	4.6	3.4	4.0
Philadelphia .....	2,629.1	2,628.7	2,623.5	2,618.8	143.8	152.2	130.6	138.7	5.5	5.8	5.0	5.3
Pittsburgh .....	1,204.7	1,181.8	1,200.4	1,180.5	68.8	72.7	58.3	61.9	5.7	6.1	4.9	5.2
Reading .....	190.7	188.1	189.4	187.2	12.8	13.3	11.3	11.9	6.7	7.1	6.0	6.3
Scranton-Wilkes-Barre-Hazleton .....	314.8	307.8	312.5	304.6	21.6	21.7	17.9	18.9	6.9	7.1	5.7	6.2
Sharon .....	58.8	58.7	59.0	58.1	3.5	3.5	3.0	3.0	6.0	5.9	5.0	5.1
State College .....	70.6	71.5	71.5	71.3	2.5	2.8	2.2	2.1	3.6	3.9	3.0	3.0
Williamsport .....	58.9	57.6	58.0	57.4	4.6	4.0	3.9	3.7	7.9	6.9	6.7	6.4
York .....	202.9	199.3	201.3	198.1	10.6	10.9	9.1	9.9	5.2	5.5	4.5	5.0
<b>Rhode Island</b> .....	550.3	565.8	545.8	562.5	28.6	32.0	24.9	28.0	5.2	5.7	4.6	5.0
Providence-Fall River-Warwick .....	626.5	640.8	621.5	636.4	35.0	39.5	30.2	34.0	5.6	6.2	4.9	5.3
<b>South Carolina</b> .....	1,949.3	2,003.5	1,959.8	2,024.4	111.3	111.8	106.6	114.9	5.7	5.6	5.4	5.7
Charleston-North Charleston .....	279.6	288.5	279.1	290.7	10.3	10.5	10.1	10.7	3.7	3.6	3.6	3.7
Columbia .....	283.4	291.1	281.9	291.5	9.5	10.0	8.9	9.9	3.3	3.4	3.1	3.4
Florence .....	63.0	66.9	63.2	67.4	3.6	4.3	3.6	4.5	5.7	6.5	5.6	6.7
Greenville-Spartanburg-Anderson .....	488.3	494.8	485.8	500.8	27.0	25.3	26.2	26.5	5.5	5.1	5.4	5.3
Myrtle Beach .....	101.1	104.8	106.6	107.2	4.8	5.2	4.1	4.7	4.8	5.0	3.8	4.3
Sumter .....	45.0	45.5	45.6	46.0	3.4	3.1	3.3	3.1	7.6	6.8	7.2	6.8
<b>South Dakota</b> .....	412.7	415.2	418.2	419.4	16.7	15.7	14.0	13.4	4.0	3.8	3.4	3.2
Rapid City .....	49.0	49.2	49.2	49.7	1.9	1.7	1.6	1.5	3.9	3.4	3.3	3.1
Sioux Falls .....	109.6	110.0	111.2	110.9	3.2	3.2	2.9	2.9	2.9	2.9	2.6	2.6
<b>Tennessee</b> .....	2,900.8	2,876.6	2,899.9	2,872.9	161.3	142.8	147.7	137.5	5.6	5.0	5.1	4.8
Chattanooga .....	237.9	235.8	236.3	234.9	9.6	8.0	8.9	7.8	4.0	3.4	3.8	3.3
Clarksville-Hopkinsville .....	92.1	92.3	91.1	92.1	4.8	4.0	4.2	4.2	5.2	4.3	4.6	4.6
Jackson .....	60.2	60.2	60.9	60.0	3.7	2.9	3.5	2.8	6.1	4.8	5.7	4.7
Johnson City-Kingsport-Bristol .....	230.9	229.9	230.3	229.3	13.2	11.9	13.3	11.4	5.7	5.2	5.8	5.0
Knoxville .....	370.7	369.0	372.2	371.8	15.1	13.5	12.8	11.9	4.1	3.7	3.5	3.2
Memphis .....	577.4	572.8	575.8	574.7	30.4	28.7	28.9	28.4	5.3	5.0	5.0	4.9
Nashville .....	683.5	678.2	686.7	682.1	28.6	24.7	27.2	24.3	4.2	3.6	4.0	3.6
<b>Texas</b> .....	10,637.1	10,885.8	10,647.7	10,938.5	643.3	706.6	630.0	675.7	6.0	6.5	5.9	6.2
Abilene .....	59.1	60.5	58.6	60.7	2.3	2.5	2.2	2.4	3.9	4.1	3.8	4.0
Amarillo .....	113.4	116.5	114.0	117.0	3.9	4.3	3.7	4.0	3.4	3.7	3.3	3.4
Austin-San Marcos .....	763.3	784.1	761.9	785.0	43.3	45.0	42.3	41.3	5.7	5.7	5.6	5.3
Beaumont-Port Arthur .....	177.8	182.9	177.2	183.9	12.9	16.2	13.6	15.7	7.2	8.8	7.7	8.5
Brazoria .....	110.9	113.4	110.2	114.3	7.0	9.3	7.4	9.4	6.3	8.2	6.7	8.2
Brownsville-Harlingen-San Benito .....	139.2	145.5	137.5	146.4	14.5	14.8	11.6	14.4	10.4	10.1	8.4	9.9
Bryan-College Station .....	81.2	84.5	81.6	85.4	1.4	1.6	1.4	1.6	1.7	1.9	1.7	1.9
Corpus Christi .....	176.2	182.3	177.3	184.5	9.7	11.7	10.0	11.6	5.5	6.4	5.6	6.3
Dallas .....	2,025.2	2,041.6	2,021.6	2,048.4	139.9	142.9	138.4	136.3	6.9	7.0	6.8	6.7
El Paso .....	286.9	297.2	286.9	297.8	24.1	26.5	23.0	24.7	8.4	8.9	8.0	8.3
Fort Worth-Arlington .....	947.3	969.4	951.3	975.2	55.8	60.1	54.6	58.0	5.9	6.2	5.7	5.9
Galveston-Texas City .....	120.5	123.1	121.3	124.1	7.5	9.5	7.9	9.1	6.3	7.7	6.5	7.3
Houston .....	2,245.4	2,296.5	2,247.7	2,307.9	119.4	146.0	120.6	144.9	5.3	6.4	5.4	6.3
Killeen-Temple .....	120.2	124.1	121.1	124.6	6.2	6.8	5.9	6.4	5.1	5.5	4.9	5.1
Laredo .....	79.6	82.7	79.6	83.4	6.0	6.2	5.9	6.0	7.6	7.5	7.4	7.2
Longview-Marshall .....	103.3	107.0	104.5	107.9	6.6	7.0	6.6	6.9	6.4	6.5	6.3	6.4
Lubbock .....	127.8	131.7	128.0	134.4	4.1	4.1	3.4	3.9	3.2	3.1	2.6	2.9
McAllen-Edinburg-Mission .....	220.6	227.2	220.3	227.4	28.3	30.7	26.5	27.0	12.8	13.5	12.0	11.9
Odessa-Midland .....	121.2	126.7	122.8	126.8	6.6	7.2	6.7	6.8	5.4	5.7	5.5	5.4
San Angelo .....	50.8	51.3	50.9	51.3	1.7	1.9	1.7	1.8	3.4	3.7	3.4	3.5
San Antonio .....	800.9	828.8	803.4	832.8	39.1	42.1	37.5	39.7	4.9	5.1	4.7	4.8
Sherman-Denison .....	51.1	52.7	51.2	53.0	3.7	3.5	3.5	3.5	7.2	6.7	6.7	6.6
Texarkana .....	57.0	58.5	57.3	58.9	2.7	2.8	2.7	2.8	4.8	4.9	4.8	4.8
Tyler .....	94.4	97.8	93.7	97.9	4.0	4.2	3.8	4.1	4.3	4.3	4.1	4.2
Victoria .....	45.0	45.8	44.9	46.2	2.2	2.3	2.2	2.3	4.9	5.0	4.9	5.0
Waco .....	103.1	106.2	103.1	106.9	4.8	5.1	4.7	4.8	4.6	4.8	4.6	4.5
Wichita Falls .....	64.4	65.0	64.9	65.6	2.5	2.8	2.5	2.8	3.9	4.3	3.9	4.2

See footnotes at end of table.



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

**C-3. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	March		April		March		April		March		April	
	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003	2002	2003
<b>Utah</b> .....	1,164.1	1,186.2	1,167.7	1,191.1	74.1	70.1	71.3	61.4	6.4	5.9	6.1	5.2
Provo-Orem .....	179.9	183.7	181.5	185.7	11.9	9.4	11.1	7.9	6.6	5.1	6.1	4.3
Salt Lake City-Ogden .....	737.6	751.4	737.4	752.4	45.8	44.5	44.9	39.6	6.2	5.9	6.1	5.3
<b>Vermont</b> .....	345.2	351.0	343.5	349.7	15.1	16.7	13.8	15.8	4.4	4.7	4.0	4.5
Burlington .....	105.5	105.0	106.1	105.4	3.4	3.8	3.1	3.6	3.2	3.6	2.9	3.4
<b>Virginia</b> .....	3,709.2	3,782.8	3,721.2	3,783.5	153.3	155.3	143.9	142.4	4.1	4.1	3.9	3.8
Charlottesville .....	76.8	80.0	76.7	80.0	2.1	2.2	1.9	1.9	2.7	2.7	2.5	2.4
Danville .....	57.0	57.8	57.6	58.2	5.7	4.2	5.7	5.2	9.9	7.3	9.9	8.9
Lynchburg .....	106.4	106.0	107.1	106.8	6.1	5.3	6.0	5.0	5.8	5.0	5.6	4.7
Norfolk-Virginia Beach-Newport News .....	768.9	780.6	772.6	784.2	32.1	32.5	29.8	30.4	4.2	4.2	3.9	3.9
Richmond-Petersburg .....	540.3	547.0	539.8	545.9	20.5	22.3	19.5	20.7	3.8	4.1	3.6	3.8
Roanoke .....	130.3	130.8	130.6	130.5	4.3	4.8	4.3	4.2	3.3	3.6	3.3	3.2
<b>Washington</b> .....	3,062.3	3,105.4	3,060.2	3,087.1	239.5	230.2	232.5	225.0	7.8	7.4	7.6	7.3
Bellingham .....	83.3	89.4	83.5	88.8	5.9	5.5	5.5	5.3	7.1	6.2	6.6	5.9
Bremerton .....	98.3	102.5	98.7	100.4	6.5	6.6	6.2	6.3	6.6	6.4	6.3	6.2
Olympia .....	104.1	109.0	103.8	108.7	6.4	6.1	6.1	5.8	6.2	5.6	5.9	5.3
Richland-Kennewick-Pasco .....	96.3	101.0	98.3	101.9	6.8	7.4	6.3	7.3	7.0	7.4	6.4	7.1
Seattle-Bellevue-Everett .....	1,391.6	1,394.6	1,381.6	1,380.7	98.5	92.7	96.4	91.6	7.1	6.6	7.0	6.6
Spokane .....	214.2	213.8	212.8	212.5	17.0	14.9	14.7	13.8	7.9	7.0	6.9	6.5
Tacoma .....	342.0	350.7	340.8	347.3	27.0	26.6	26.4	25.8	7.9	7.6	7.7	7.4
Yakima .....	103.9	104.4	105.0	105.7	12.8	11.6	11.6	11.9	12.4	11.1	11.1	11.3
<b>West Virginia</b> .....	803.3	795.0	804.7	800.9	52.1	49.9	50.2	49.3	6.5	6.3	6.2	6.2
Charleston .....	131.0	127.6	131.7	129.5	6.7	6.2	7.0	6.2	5.1	4.8	5.3	4.8
Huntington-Ashland .....	135.3	136.7	134.9	136.6	8.7	8.2	8.4	7.7	6.5	6.0	6.2	5.7
Parkersburg-Marietta .....	76.7	76.0	76.6	76.8	4.4	4.7	4.3	4.7	5.8	6.2	5.6	6.1
Wheeling .....	73.0	71.5	73.3	71.5	4.0	4.3	3.8	3.6	5.5	6.0	5.2	5.0
<b>Wisconsin</b> .....	3,014.8	3,082.2	3,011.8	3,076.1	201.7	200.0	178.5	178.1	6.7	6.5	5.9	5.8
Appleton-Oshkosh-Neenah .....	232.5	239.5	232.2	239.1	13.8	13.7	12.5	12.4	6.0	5.7	5.4	5.2
Eau Claire .....	85.2	88.1	85.4	87.0	6.1	5.8	5.6	4.9	7.2	6.5	6.5	5.7
Green Bay .....	140.3	145.7	140.9	144.9	8.1	8.2	7.4	7.2	5.7	5.7	5.3	5.0
Janesville-Beloit .....	78.8	78.8	78.1	78.5	6.2	5.8	5.6	5.1	7.9	7.3	7.2	6.5
Kenosha .....	81.9	82.9	81.6	83.0	5.2	5.4	4.7	5.0	6.4	6.6	5.8	6.0
La Crosse .....	74.9	76.0	75.2	76.9	4.0	3.8	3.5	3.2	5.3	5.0	4.6	4.2
Madison .....	278.4	287.5	279.7	289.6	8.7	9.0	7.7	7.9	3.1	3.1	2.7	2.7
Milwaukee-Waukesha .....	815.7	822.6	814.9	819.4	52.0	51.9	48.7	48.4	6.4	6.3	6.0	5.9
Racine .....	93.3	95.5	91.7	94.7	7.9	8.4	7.1	7.7	8.4	8.8	7.7	8.1
Sheboygan .....	63.0	65.5	63.1	65.2	3.7	3.5	3.3	3.2	6.0	5.3	5.3	4.9
Wausau .....	76.3	78.4	75.7	77.2	5.1	5.0	4.0	3.8	6.7	6.3	5.3	4.9
<b>Wyoming</b> .....	269.6	273.6	269.9	274.2	13.3	13.1	12.5	11.6	4.9	4.8	4.6	4.2
Casper .....	35.9	36.3	35.5	36.1	1.8	1.7	1.7	1.5	5.0	4.7	4.9	4.3
Cheyenne .....	42.5	43.2	42.7	43.1	1.8	1.8	1.6	1.5	4.2	4.1	3.8	3.6
<b>Puerto Rico</b> .....	1,358.8	1,394.8	1,353.4	1,409.4	166.9	169.0	162.7	173.6	12.3	12.1	12.0	12.3
Aguadilla .....	49.7	50.8	49.2	51.2	8.5	8.5	8.0	8.5	17.2	16.7	16.3	16.6
Arecibo .....	56.6	58.5	56.2	59.7	9.1	8.8	8.9	9.3	16.0	15.0	15.9	15.6
Caguas .....	119.0	123.0	118.4	124.8	13.6	13.9	13.4	14.7	11.4	11.3	11.3	11.7
Mayaguez .....	88.7	90.5	88.2	91.2	13.7	13.4	12.9	13.4	15.4	14.9	14.7	14.7
Ponce .....	103.8	108.2	103.0	110.3	15.4	17.7	15.1	18.4	14.9	16.3	14.6	16.7
San Juan-Bayamon .....	766.1	786.9	766.0	791.4	76.0	75.5	73.0	77.3	9.9	9.6	9.5	9.8

<sup>1</sup> Data for 2003 are not directly comparable with data for previous years because of a change in metropolitan area definitions.

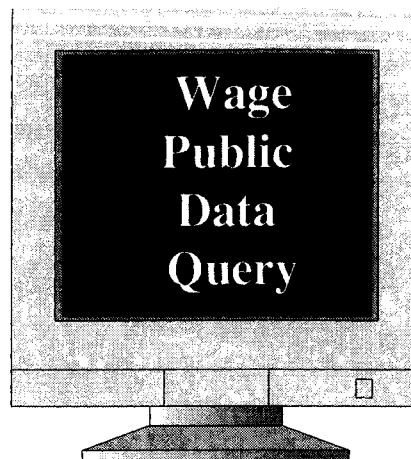
<sup>2</sup> Area boundaries do not reflect official OMB definitions.

NOTE: Data refer to place of residence. Data for Puerto Rico are derived from a monthly

household survey similar to the Current Population Survey. All estimates are provisional and will be revised when new benchmark and population information becomes available. Area definitions are published annually in the May issue of this publication.

# ***Need Wage Data Fast?***

The National Compensation Survey's **Wage Public Data Query System** has dramatically simplified the process of obtaining wage data. Searching through many printed publications for wage data is a thing of the past. The Wage Query System accesses published occupational wage data as well as modeled estimates. Published estimates are those tabulated directly from the collected data. All published estimates have been reviewed and meet BLS publication standards. Modeled estimates are derived from linear regression techniques and use coefficients to obtain a modeled hourly wage estimate. These are provided in the event published estimates are not available.



## **How the Wage Query System works:**

### **STEP 1**

Go to <http://www.bls.gov/ncs/home.htm> and under Create Customized Tables select Wages (NCS) from the menu (this program requires a Java-enabled browser and takes a few moments to load)

### **STEP 2**

Select how to view the data - occupations by area or areas by occupation

### **STEP 3**

Select an area - view metropolitan areas, census divisions, and the nation

### **STEP 4**

Select an occupation - up to 480 different occupations available

### **STEP 5**

Select a work level - users can select specific work levels (1-15) and overall averages (no work level) for many occupations

**OR**

Select "Get help choosing a work level" to view the 10 leveling factors used in producing work levels. For each factor, select the description that best describes the occupation; the system will then calculate a work level based on your answers.

### **STEP 6**

Select "Get Data" for one query;  
Select "Add to Your Selection" for additional queries

**Information you will receive on the data page includes:** area, occupation, level, data source (published or modeled), mean hourly wage, and reference period (year and month).

---

**For more information on the Wage Query System please contact:**

Telephone: (202) 691-6199

E-mail: [ocltinfo@bls.gov](mailto:ocltinfo@bls.gov)

# Revised Annual Averages Household Data

**NOTE:** The annual average data from the Current Population Survey presented in tables 1-47 have been revised to reflect the introduction of Census 2000-based population controls. The data differ from those that were published in the January 2003 issue of this publication, which were based on 1990 census-based population controls. All data for the years 2000-02 have been revised. For more information on the revisions to the data, see "Revisions to the Current Population Survey Effective in January 2003" published in the February 2003 issue of this publication.

# HOUSEHOLD DATA ANNUAL AVERAGES

## 1. Employment status of the civilian noninstitutional population, 1940 to date

(Numbers in thousands)

Year	Civilian noninstitutional population	Civilian labor force							Not in labor force
		Total	Percent of population	Employed			Unemployed		
				Total	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
Persons 14 years of age and over									
1940	(1)	55,640	(1)	47,520	9,540	37,980	8,120	14.6	(1)
1941	(1)	55,910	(1)	50,350	9,100	41,250	5,560	9.9	(1)
1942	98,640	56,410	57.2	53,750	9,250	44,500	2,660	4.7	42,230
1943	94,640	55,540	58.7	54,470	9,080	45,390	1,070	1.9	39,100
1944	93,220	54,630	58.6	53,960	8,950	45,010	670	1.2	38,590
1945	94,090	53,860	57.2	52,820	8,580	44,240	1,040	1.9	40,230
1946	103,070	57,520	55.8	55,250	8,320	46,930	2,270	3.9	45,550
1947	106,018	60,168	56.8	57,812	8,256	49,557	2,356	3.9	45,850
Persons 16 years of age and over									
1947	101,827	59,350	58.3	57,038	7,890	49,148	2,311	3.9	42,477
1948	103,068	60,621	58.8	58,343	7,629	50,714	2,276	3.8	42,447
1949	103,994	61,286	58.9	57,651	7,658	49,993	3,637	5.9	42,708
1950	104,995	62,208	59.2	58,918	7,160	51,758	3,288	5.3	42,787
1951	104,621	62,017	59.2	59,961	6,726	53,235	2,055	3.3	42,604
1952	105,231	62,138	59.0	60,250	6,500	53,749	1,883	3.0	43,093
1953 2	107,056	63,015	58.9	61,179	6,260	54,919	1,834	2.9	44,041
1954	108,321	63,643	58.8	60,109	6,205	53,904	3,532	5.5	44,678
1955	109,683	65,023	59.3	62,170	6,450	55,722	2,852	4.4	44,660
1956	110,954	66,552	60.0	63,799	6,283	57,514	2,750	4.1	44,402
1957	112,265	66,929	59.6	64,071	5,947	58,123	2,859	4.3	45,336
1958	113,727	67,639	59.5	63,036	5,586	57,450	4,602	6.8	46,088
1959	115,329	68,369	59.3	64,630	5,565	59,065	3,740	5.5	46,960
1960 2	117,245	69,628	59.4	65,778	5,458	60,318	3,852	5.5	47,617
1961	118,771	70,459	59.3	65,746	5,200	60,546	4,714	6.7	48,312
1962 2	120,153	70,614	58.8	66,702	4,944	61,759	3,911	5.5	49,539
1963	122,416	71,833	58.7	67,762	4,687	63,076	4,070	5.7	50,583
1964	124,485	73,091	58.7	69,305	4,523	64,782	3,786	5.2	51,394
1965	126,513	74,455	58.9	71,088	4,361	66,726	3,366	4.5	52,058
1966	128,058	75,770	59.2	72,895	3,979	68,915	2,875	3.8	52,288
1967	129,874	77,347	59.6	74,372	3,844	70,527	2,975	3.8	52,527
1968	132,028	78,737	59.6	75,920	3,817	72,103	2,817	3.6	53,291
1969	134,335	80,734	60.1	77,902	3,606	74,296	2,832	3.5	53,602
1970	137,085	82,771	60.4	78,678	3,463	75,215	4,093	4.9	54,315
1971	140,216	84,382	60.2	79,367	3,394	75,972	5,016	5.9	55,834
1972 2	144,126	87,034	60.4	82,153	3,484	78,669	4,882	5.6	57,091
1973 2	147,096	89,429	60.8	85,064	3,470	81,594	4,365	4.9	57,667
1974	150,120	91,949	61.3	86,794	3,515	83,279	5,156	5.6	58,171
1975	153,153	93,775	61.2	85,846	3,408	82,438	7,929	8.5	59,377
1976	156,150	96,158	61.6	88,752	3,331	85,421	7,406	7.7	59,991
1977	159,033	99,008	62.3	92,017	3,283	88,734	6,991	7.1	60,025
1978 2	161,910	102,250	63.2	96,048	3,387	92,661	6,202	6.1	59,659
1979	164,863	104,962	63.7	98,824	3,347	95,477	6,137	5.8	59,900
1980	167,745	106,940	63.8	99,302	3,364	95,938	7,637	7.1	60,806
1981	170,130	108,670	63.9	100,397	3,368	97,030	8,273	7.6	61,460
1982	172,271	110,204	64.0	99,526	3,401	96,125	10,678	9.7	62,067
1983	174,215	111,550	64.0	100,834	3,383	97,450	10,717	9.6	62,665
1984	176,383	113,544	64.4	105,005	3,321	101,685	8,539	7.5	62,839
1985	178,206	115,461	64.8	107,150	3,179	103,971	8,312	7.2	62,744
1986 2	180,587	117,834	65.3	109,597	3,163	106,434	8,237	7.0	62,752
1987	182,753	119,865	65.6	112,440	3,208	109,232	7,425	6.2	62,888
1988	184,613	121,669	65.9	114,968	3,169	111,800	6,701	5.5	62,944
1989	186,393	123,869	66.5	117,342	3,199	114,142	6,528	5.3	62,523
1990 2	189,164	125,840	66.5	118,793	3,223	115,570	7,047	5.6	63,324
1991	190,925	126,346	66.2	117,718	3,269	114,449	8,628	6.8	64,578
1992	192,805	128,105	66.4	118,492	3,247	115,245	9,613	7.5	64,700
1993	194,838	129,200	66.3	120,259	3,115	117,144	8,940	6.9	65,638
1994 2	196,814	131,056	66.6	123,060	3,409	119,651	7,996	6.1	65,758
1995	198,584	132,304	66.6	124,900	3,440	121,460	7,404	5.6	66,280
1996	200,591	133,943	66.8	126,708	3,443	123,264	7,236	5.4	66,647
1997 2	203,133	136,297	67.1	129,558	3,399	126,159	6,739	4.9	66,836
1998 2	205,220	137,673	67.1	131,463	3,378	128,085	6,210	4.5	67,547
1999 2	207,753	139,368	67.1	133,488	3,281	130,207	5,880	4.2	68,385
2000 2	212,577	142,583	67.1	136,891	3,382	133,509	5,692	4.0	69,994
2001	215,092	143,734	66.8	136,933	3,231	133,702	6,801	4.7	71,359
2002	217,570	144,863	66.6	136,485	3,340	133,145	8,378	5.8	72,707

<sup>1</sup> Not available.

<sup>2</sup> Not strictly comparable with data for prior years. For an explanation, see

"Historical Comparability" under the Household Data section of the Explanatory Notes and Estimates of Error.

HOUSEHOLD DATA  
ANNUAL AVERAGES

2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1971 to date

(Numbers in thousands)

Year	Civilian noninstitutional population	Civilian labor force							Not in labor force
		Total	Percent of population	Employed			Unemployed		
				Total	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
Men									
1971	65,942	52,180	79.1	49,390	2,795	46,595	2,789	5.3	13,762
1972 <sup>1</sup>	67,835	53,555	78.9	50,896	2,849	48,047	2,659	5.0	14,280
1973 <sup>1</sup>	69,292	54,624	78.8	52,349	2,847	49,502	2,275	4.2	14,667
1974	70,808	55,739	78.7	53,024	2,919	50,105	2,714	4.9	15,069
1975	72,291	56,299	77.9	51,857	2,824	49,032	4,442	7.9	15,993
1976	73,759	57,174	77.5	53,138	2,744	50,394	4,036	7.1	16,585
1977	75,193	58,396	77.7	54,728	2,671	52,057	3,667	6.3	16,797
1978 <sup>1</sup>	76,576	59,620	77.9	56,479	2,718	53,761	3,142	5.3	16,956
1979	78,020	60,726	77.8	57,607	2,686	54,921	3,120	5.1	17,293
1980	79,398	61,453	77.4	57,186	2,709	54,477	4,267	6.9	17,945
1981	80,511	61,974	77.0	57,397	2,700	54,697	4,577	7.4	18,537
1982	81,523	62,450	76.6	56,271	2,736	53,534	6,179	9.9	19,073
1983	82,531	63,047	76.4	56,787	2,704	54,083	6,260	9.9	19,484
1984	83,605	63,835	76.4	59,091	2,688	56,423	4,744	7.4	19,771
1985	84,469	64,411	76.3	59,891	2,535	57,356	4,521	7.0	20,058
1986 <sup>1</sup>	85,798	65,422	76.3	60,892	2,511	58,381	4,530	6.9	20,376
1987	86,899	66,207	76.2	62,107	2,543	59,564	4,101	6.2	20,692
1988	87,857	66,927	76.2	63,273	2,493	60,780	3,655	5.5	20,930
1989	88,762	67,840	76.4	64,315	2,513	61,802	3,525	5.2	20,923
1990 <sup>1</sup>	90,377	69,011	76.4	65,104	2,546	62,559	3,906	5.7	21,367
1991	91,278	69,168	75.8	64,223	2,589	61,634	4,946	7.2	22,110
1992	92,270	69,964	75.8	64,440	2,575	61,866	5,523	7.9	22,306
1993	93,332	70,404	75.4	65,349	2,478	62,871	5,055	7.2	22,927
1994 <sup>1</sup>	94,354	70,817	75.1	66,450	2,554	63,896	4,367	6.2	23,538
1995	95,178	71,360	75.0	67,377	2,559	64,818	3,963	5.6	23,818
1996	96,206	72,086	74.9	68,207	2,573	65,634	3,880	5.4	24,119
1997 <sup>1</sup>	97,715	73,261	75.0	69,685	2,552	67,133	3,577	4.9	24,454
1998 <sup>1</sup>	98,758	73,959	74.9	70,693	2,553	68,140	3,266	4.4	24,799
1999 <sup>1</sup>	99,722	74,512	74.7	71,446	2,432	69,014	3,066	4.1	25,210
2000 <sup>1</sup>	101,964	76,280	74.8	73,305	2,502	70,803	2,975	3.9	25,684
2001	103,282	76,886	74.4	73,196	2,353	70,843	3,690	4.8	26,396
2002	104,585	77,500	74.1	72,903	2,473	70,430	4,597	5.9	27,085
Women									
1971	74,274	32,202	43.4	29,976	599	29,377	2,227	6.9	42,072
1972 <sup>1</sup>	76,290	33,479	43.9	31,257	635	30,622	2,222	6.6	42,811
1973 <sup>1</sup>	77,804	34,804	44.7	32,715	622	32,093	2,089	6.0	43,000
1974	79,312	36,211	45.7	33,769	596	33,173	2,441	6.7	43,101
1975	80,860	37,475	46.3	33,989	584	33,404	3,486	9.3	43,386
1976	82,390	38,983	47.3	35,615	588	35,027	3,369	8.6	43,406
1977	83,840	40,613	48.4	37,289	612	36,677	3,324	8.2	43,227
1978 <sup>1</sup>	85,334	42,631	50.0	39,569	669	38,900	3,061	7.2	42,703
1979	86,843	44,235	50.9	41,217	661	40,556	3,018	6.8	42,608
1980	88,348	45,487	51.5	42,117	656	41,461	3,370	7.4	42,861
1981	89,618	46,696	52.1	43,000	667	42,333	3,696	7.9	42,922
1982	90,748	47,755	52.6	43,256	665	42,591	4,499	9.4	42,993
1983	91,684	48,503	52.9	44,047	680	43,367	4,457	9.2	43,181
1984	92,778	49,709	53.6	45,915	653	45,262	3,794	7.6	43,068
1985	93,736	51,050	54.5	47,259	644	46,615	3,791	7.4	42,686
1986 <sup>1</sup>	94,789	52,413	55.3	48,706	652	48,054	3,707	7.1	42,376
1987	95,853	53,658	56.0	50,334	666	49,668	3,324	6.2	42,195
1988	96,756	54,742	56.6	51,696	676	51,020	3,046	5.6	42,014
1989	97,630	56,030	57.4	53,027	687	52,341	3,003	5.4	41,601
1990 <sup>1</sup>	98,787	56,829	57.5	53,689	678	53,011	3,140	5.5	41,957
1991	99,646	57,178	57.4	53,496	680	52,815	3,683	6.4	42,468
1992	100,535	58,141	57.8	54,052	672	53,380	4,090	7.0	42,394
1993	101,506	58,795	57.9	54,910	637	54,273	3,885	6.6	42,711
1994 <sup>1</sup>	102,460	60,239	58.8	56,610	855	55,755	3,629	6.0	42,221
1995	103,406	60,944	58.9	57,523	881	56,642	3,421	5.6	42,462
1996	104,385	61,857	59.3	58,501	871	57,630	3,356	5.4	42,528
1997 <sup>1</sup>	105,418	63,036	59.8	59,873	847	59,026	3,162	5.0	42,382
1998 <sup>1</sup>	106,462	63,714	59.8	60,771	825	59,945	2,944	4.6	42,748
1999 <sup>1</sup>	108,031	64,855	60.0	62,042	849	61,193	2,814	4.3	43,175
2000 <sup>1</sup>	110,613	66,303	59.9	63,586	880	62,706	2,717	4.1	44,310
2001	111,811	66,848	59.8	63,737	878	62,859	3,111	4.7	44,962
2002	112,985	67,363	59.6	63,582	867	62,715	3,781	5.6	45,621

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

Notes and Estimates of Error.

# HOUSEHOLD DATA ANNUAL AVERAGES

## 3. Employment status of the civilian noninstitutional population by age, sex, and race

(Numbers in thousands)

Age, sex, and race	2002									Not in labor force
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
<b>TOTAL</b>										
16 years and over .....	217,570	144,863	66.6	136,485	62.7	3,340	133,145	8,378	5.8	72,707
16 to 19 years .....	15,994	7,585	47.4	6,332	39.6	212	6,120	1,253	16.5	8,409
16 to 17 years .....	8,099	2,870	35.4	2,330	28.8	91	2,239	540	18.8	5,229
18 to 19 years .....	7,895	4,715	59.7	4,002	50.7	121	3,880	714	15.1	3,180
20 to 24 years .....	19,348	14,781	76.4	13,351	69.0	369	12,982	1,430	9.7	4,567
25 to 54 years .....	122,077	101,719	83.3	96,823	79.3	2,029	94,794	4,896	4.8	20,358
25 to 34 years .....	38,472	32,196	83.7	30,306	78.8	635	29,672	1,890	5.9	6,276
25 to 29 years .....	18,188	15,182	83.5	14,204	78.1	298	13,906	978	6.4	3,006
30 to 34 years .....	20,284	17,014	83.9	16,104	79.4	337	15,766	911	5.4	3,270
35 to 44 years .....	43,894	36,926	84.1	35,235	80.3	764	34,471	1,691	4.6	6,968
35 to 39 years .....	21,338	17,887	83.8	17,022	79.8	398	16,625	864	4.8	3,451
40 to 44 years .....	22,556	19,040	84.4	18,213	80.7	366	17,846	827	4.3	3,516
45 to 54 years .....	39,711	32,597	82.1	31,281	78.8	630	30,651	1,315	4.0	7,114
45 to 49 years .....	21,073	17,666	83.8	16,944	80.4	348	16,596	722	4.1	3,407
50 to 54 years .....	18,638	14,931	80.1	14,337	76.9	282	14,055	594	4.0	3,707
55 to 64 years .....	26,343	16,309	61.9	15,674	59.5	426	15,248	635	3.9	10,034
55 to 59 years .....	14,901	10,531	70.7	10,125	68.0	238	9,887	405	3.8	4,370
60 to 64 years .....	11,442	5,779	50.5	5,549	48.5	187	5,361	230	4.0	5,664
65 years and over .....	33,808	4,469	13.2	4,306	12.7	305	4,001	163	3.6	29,339
65 to 69 years .....	9,492	2,474	26.1	2,379	25.1	140	2,239	95	3.8	7,019
70 to 74 years .....	8,507	1,191	14.0	1,144	13.4	89	1,055	47	4.0	7,316
75 years and over .....	15,809	804	5.1	783	5.0	75	708	21	2.6	15,005
<b>Men</b>										
16 years and over .....	104,585	77,500	74.1	72,903	69.7	2,473	70,430	4,597	5.9	27,085
16 to 19 years .....	8,146	3,870	47.5	3,169	38.9	160	3,009	700	18.1	4,276
16 to 17 years .....	4,140	1,431	34.6	1,130	27.3	71	1,058	301	21.1	2,709
18 to 19 years .....	4,006	2,439	60.9	2,040	50.9	89	1,951	399	16.4	1,567
20 to 24 years .....	9,627	7,769	80.7	6,978	72.5	287	6,691	792	10.2	1,857
25 to 54 years .....	59,939	54,568	91.0	51,923	86.6	1,489	50,434	2,645	4.8	5,372
25 to 34 years .....	19,037	17,596	92.4	16,573	87.1	482	16,091	1,023	5.8	1,441
25 to 29 years .....	9,031	8,253	91.4	7,722	85.5	229	7,493	531	6.4	778
30 to 34 years .....	10,005	9,343	93.4	8,851	88.5	253	8,598	492	5.3	662
35 to 44 years .....	21,523	19,828	92.1	18,932	88.0	565	18,367	897	4.5	1,695
35 to 39 years .....	10,471	9,705	92.7	9,259	88.4	299	8,960	445	4.6	766
40 to 44 years .....	11,053	10,124	91.6	9,672	87.5	265	9,407	451	4.5	929
45 to 54 years .....	19,379	17,143	88.5	16,419	84.7	442	15,976	725	4.2	2,236
45 to 49 years .....	10,289	9,277	90.2	8,881	86.3	245	8,635	397	4.3	1,012
50 to 54 years .....	9,090	7,866	86.5	7,538	82.9	197	7,341	328	4.2	1,224
55 to 64 years .....	12,641	8,751	69.2	8,378	66.3	310	8,068	373	4.3	3,890
55 to 59 years .....	7,201	5,617	78.0	5,382	74.7	171	5,212	235	4.2	1,583
60 to 64 years .....	5,440	3,133	57.6	2,996	55.1	140	2,856	137	4.4	2,307
65 years and over .....	14,233	2,542	17.9	2,455	17.2	227	2,228	87	3.4	11,690
65 to 69 years .....	4,388	1,415	32.2	1,365	31.1	105	1,261	49	3.5	2,974
70 to 74 years .....	3,772	664	17.6	637	16.9	68	570	27	4.0	3,108
75 years and over .....	6,073	464	7.6	452	7.4	55	397	12	2.5	5,609
<b>Women</b>										
16 years and over .....	112,985	67,363	59.6	63,582	56.3	867	62,715	3,781	5.6	45,621
16 to 19 years .....	7,848	3,715	47.3	3,162	40.3	52	3,111	553	14.9	4,133
16 to 17 years .....	3,959	1,439	36.3	1,200	30.3	19	1,181	238	16.6	2,520
18 to 19 years .....	3,889	2,277	58.5	1,962	50.4	32	1,930	315	13.8	1,613
20 to 24 years .....	9,721	7,012	72.1	6,374	65.6	82	6,291	638	9.1	2,710
25 to 54 years .....	62,137	47,151	75.9	44,900	72.3	540	44,360	2,252	4.8	14,986
25 to 34 years .....	19,435	14,600	75.1	13,733	70.7	153	13,581	866	5.9	4,835
25 to 29 years .....	9,156	6,929	75.7	6,482	70.8	69	6,413	447	6.5	2,228
30 to 34 years .....	10,279	7,671	74.6	7,252	70.6	84	7,168	419	5.5	2,608
35 to 44 years .....	22,371	17,098	76.4	16,303	72.9	199	16,104	795	4.6	5,273
35 to 39 years .....	10,867	8,182	75.3	7,763	71.4	98	7,665	419	5.1	2,686
40 to 44 years .....	11,503	8,916	77.5	8,540	74.2	101	8,439	376	4.2	2,587
45 to 54 years .....	20,332	15,454	76.0	14,863	73.1	188	14,675	591	3.8	4,878
45 to 49 years .....	10,784	8,389	77.8	8,064	74.8	103	7,961	325	3.9	2,395
50 to 54 years .....	9,548	7,065	74.0	6,799	71.2	85	6,714	266	3.8	2,483
55 to 64 years .....	13,703	7,559	55.2	7,296	53.2	115	7,181	263	3.5	6,144
55 to 59 years .....	7,700	4,913	63.8	4,743	61.6	68	4,676	170	3.5	2,787
60 to 64 years .....	6,003	2,645	44.1	2,553	42.5	48	2,505	93	3.5	3,357
65 years and over .....	19,575	1,926	9.8	1,851	9.5	78	1,773	76	3.9	17,649
65 to 69 years .....	5,104	1,059	20.7	1,013	19.9	36	978	46	4.3	4,045
70 to 74 years .....	4,735	527	11.1	507	10.7	22	485	20	3.9	4,208
75 years and over .....	9,736	340	3.5	331	3.4	20	310	10	2.8	9,396

## 3. Employment status of the civilian noninstitutional population by age, sex, and race — Continued

(Numbers in thousands)

Age, sex, and race	2002									Not in labor force
	Civilian noninsti- tutional population	Civilian labor force								
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agri- culture	Nonagri- cultural industries	Number	Percent of labor force	
WHITE										
16 years and over .....	179,783	120,150	66.8	114,013	63.4	3,104	110,909	6,137	5.1	59,633
16 to 19 years .....	12,596	6,366	50.5	5,441	43.2	202	5,239	925	14.5	6,230
16 to 17 years .....	6,346	2,445	38.5	2,037	32.1	89	1,948	407	16.7	3,901
18 to 19 years .....	6,250	3,921	62.7	3,404	54.5	113	3,290	518	13.2	2,328
20 to 24 years .....	15,360	12,073	78.6	11,096	72.2	339	10,757	977	8.1	3,287
25 to 54 years .....	99,438	83,599	84.1	80,018	80.5	1,883	78,135	3,581	4.3	15,839
25 to 34 years .....	30,676	25,908	84.5	24,568	80.1	591	23,977	1,340	5.2	4,768
25 to 29 years .....	14,472	12,248	84.6	11,567	79.9	279	11,288	681	5.6	2,224
30 to 34 years .....	16,205	13,660	84.3	13,001	80.2	312	12,690	658	4.8	2,545
35 to 44 years .....	35,750	30,286	84.7	29,049	81.3	714	28,335	1,237	4.1	5,464
35 to 39 years .....	17,234	14,500	84.1	13,872	80.5	372	13,500	628	4.3	2,734
40 to 44 years .....	18,516	15,786	85.3	15,177	82.0	342	14,835	609	3.9	2,730
45 to 54 years .....	33,012	27,405	83.0	26,401	80.0	578	25,823	1,004	3.7	5,607
45 to 49 years .....	17,411	14,737	84.6	14,200	81.6	320	13,880	536	3.6	2,675
50 to 54 years .....	15,600	12,668	81.2	12,201	78.2	258	11,943	468	3.7	2,932
55 to 64 years .....	22,540	14,148	62.8	13,630	60.5	390	13,240	518	3.7	8,392
55 to 59 years .....	12,710	9,104	71.6	8,780	69.1	215	8,565	323	3.6	3,606
60 to 64 years .....	9,830	5,044	51.3	4,849	49.3	175	4,675	194	3.9	4,786
65 years and over .....	29,849	3,965	13.3	3,828	12.8	289	3,539	137	3.5	25,884
65 to 69 years .....	8,157	2,156	26.4	2,078	25.5	132	1,946	78	3.6	6,001
70 to 74 years .....	7,506	1,077	14.4	1,036	13.8	86	950	41	3.8	6,429
75 years and over .....	14,186	731	5.2	713	5.0	71	642	18	2.5	13,455
Men										
16 years and over .....	87,361	65,308	74.8	61,849	70.8	2,276	59,573	3,459	5.3	22,053
16 to 19 years .....	6,439	3,241	50.3	2,725	42.3	155	2,570	516	15.9	3,198
16 to 17 years .....	3,251	1,215	37.4	987	30.4	70	917	228	18.8	2,035
18 to 19 years .....	3,189	2,026	63.5	1,738	54.5	85	1,653	288	14.2	1,163
20 to 24 years .....	7,750	6,444	83.2	5,882	75.9	263	5,619	562	8.7	1,305
25 to 54 years .....	49,578	45,696	92.2	43,697	88.1	1,365	42,332	1,999	4.4	3,882
25 to 34 years .....	15,470	14,499	93.7	13,727	88.7	445	13,282	772	5.3	971
25 to 29 years .....	7,316	6,807	93.0	6,412	87.6	212	6,200	395	5.8	509
30 to 34 years .....	8,154	7,692	94.3	7,314	89.7	233	7,081	377	4.9	462
35 to 44 years .....	17,792	16,583	93.2	15,910	89.4	521	15,390	672	4.1	1,209
35 to 39 years .....	8,586	8,041	93.6	7,708	89.8	277	7,431	332	4.1	546
40 to 44 years .....	9,206	8,542	92.8	8,202	89.1	244	7,958	340	4.0	663
45 to 54 years .....	16,317	14,615	89.6	14,060	86.2	400	13,660	554	3.8	1,702
45 to 49 years .....	8,626	7,862	91.1	7,566	87.7	222	7,344	297	3.8	764
50 to 54 years .....	7,691	6,752	87.8	6,495	84.4	178	6,316	258	3.8	938
55 to 64 years .....	10,918	7,665	70.2	7,360	67.4	279	7,082	305	4.0	3,253
55 to 59 years .....	6,203	4,912	79.2	4,722	76.1	150	4,573	190	3.9	1,291
60 to 64 years .....	4,715	2,753	58.4	2,638	56.0	129	2,509	115	4.2	1,961
65 years and over .....	12,676	2,261	17.8	2,184	17.2	214	1,970	77	3.4	10,415
65 to 69 years .....	3,817	1,237	32.4	1,195	31.3	97	1,098	42	3.4	2,580
70 to 74 years .....	3,368	600	17.8	575	17.1	65	511	25	4.1	2,768
75 years and over .....	5,491	423	7.7	414	7.5	52	361	10	2.2	5,068
Women										
16 years and over .....	92,422	54,842	59.3	52,164	56.4	827	51,336	2,678	4.9	37,581
16 to 19 years .....	6,157	3,125	50.8	2,716	44.1	47	2,668	409	13.1	3,032
16 to 17 years .....	3,096	1,229	39.7	1,050	33.9	19	1,031	179	14.6	1,866
18 to 19 years .....	3,061	1,895	61.9	1,665	54.4	28	1,637	230	12.1	1,166
20 to 24 years .....	7,611	5,628	74.0	5,214	68.5	76	5,138	415	7.4	1,982
25 to 54 years .....	49,860	37,902	76.0	36,321	72.8	517	35,804	1,582	4.2	11,958
25 to 34 years .....	15,207	11,409	75.0	10,842	71.3	146	10,696	567	5.0	3,798
25 to 29 years .....	7,156	5,441	76.0	5,155	72.0	67	5,087	286	5.3	1,715
30 to 34 years .....	8,051	5,968	74.1	5,687	70.6	79	5,609	281	4.7	2,083
35 to 44 years .....	17,958	13,703	76.3	13,138	73.2	193	12,945	565	4.1	4,255
35 to 39 years .....	8,648	6,459	74.7	6,164	71.3	95	6,068	296	4.6	2,189
40 to 44 years .....	9,310	7,244	77.8	6,975	74.9	98	6,877	269	3.7	2,066
45 to 54 years .....	16,695	12,790	76.6	12,341	73.9	178	12,163	449	3.5	3,905
45 to 49 years .....	8,785	6,874	78.2	6,635	75.5	98	6,537	240	3.5	1,911
50 to 54 years .....	7,910	5,916	74.8	5,706	72.1	80	5,626	210	3.5	1,994
55 to 64 years .....	11,622	6,482	55.8	6,269	53.9	111	6,158	213	3.3	5,139
55 to 59 years .....	6,507	4,192	64.4	4,058	62.4	66	3,993	134	3.2	2,315
60 to 64 years .....	5,115	2,290	44.8	2,211	43.2	46	2,165	79	3.5	2,825
65 years and over .....	17,173	1,704	9.9	1,644	9.6	75	1,569	60	3.5	15,469
65 to 69 years .....	4,340	919	21.2	883	20.4	35	848	35	3.8	3,421
70 to 74 years .....	4,138	477	11.5	461	11.1	21	440	16	3.4	3,661
75 years and over .....	8,695	308	3.5	300	3.4	19	281	9	2.8	8,387

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

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

(Numbers in thousands)

Age, sex, and race	2002									Not in labor force
	Civilian noninsti- tutional population	Civilian labor force								
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agri- culture	Nonagri- cultural industries	Number	Percent of labor force	
BLACK										
16 years and over .....	25,578	16,565	64.8	14,872	58.1	131	14,742	1,693	10.2	9,013
16 to 19 years .....	2,416	870	36.0	611	25.3	7	604	260	29.8	1,546
16 to 17 years .....	1,235	297	24.0	193	15.6	1	192	103	34.9	939
18 to 19 years .....	1,181	574	48.6	417	35.3	6	412	156	27.2	608
20 to 24 years .....	2,779	1,908	68.6	1,543	55.5	16	1,527	365	19.1	871
25 to 54 years .....	14,988	12,027	80.2	11,055	73.8	82	10,973	972	8.1	2,961
25 to 34 years .....	5,015	4,134	82.4	3,726	74.3	22	3,705	407	9.9	881
25 to 29 years .....	2,426	1,963	80.9	1,742	71.8	11	1,730	222	11.3	463
30 to 34 years .....	2,589	2,171	83.8	1,985	76.7	10	1,975	186	8.6	418
35 to 44 years .....	5,460	4,458	81.6	4,109	75.2	33	4,075	349	7.8	1,002
35 to 39 years .....	2,703	2,256	83.5	2,078	76.9	15	2,063	178	7.9	446
40 to 44 years .....	2,758	2,202	79.8	2,031	73.6	18	2,013	171	7.8	556
45 to 54 years .....	4,513	3,435	76.1	3,220	71.3	27	3,193	215	6.3	1,078
45 to 49 years .....	2,462	1,933	78.5	1,795	72.9	14	1,781	137	7.1	529
50 to 54 years .....	2,051	1,503	73.3	1,425	69.4	12	1,412	78	5.2	549
55 to 64 years .....	2,571	1,407	54.7	1,332	51.8	16	1,316	76	5.4	1,164
55 to 59 years .....	1,450	923	63.7	870	60.0	9	860	54	5.8	526
60 to 64 years .....	1,122	484	43.2	462	41.2	7	455	22	4.5	638
65 years and over .....	2,823	353	12.5	332	11.8	10	322	21	5.9	2,470
65 to 69 years .....	934	218	23.3	205	21.9	4	201	13	6.1	716
70 to 74 years .....	698	80	11.4	75	10.7	3	72	5	6.0	618
75 years and over .....	1,191	55	4.6	52	4.4	3	49	3	5.3	1,136
Men										
16 years and over .....	11,391	7,794	68.4	6,959	61.1	117	6,842	835	10.7	3,597
16 to 19 years .....	1,195	446	37.3	306	25.6	4	302	140	31.3	749
16 to 17 years .....	615	149	24.2	95	15.4	1	94	54	36.6	466
18 to 19 years .....	580	297	51.3	212	36.5	4	208	85	28.7	283
20 to 24 years .....	1,281	906	70.7	725	56.6	14	710	181	20.0	375
25 to 54 years .....	6,702	5,596	83.5	5,132	76.6	74	5,057	464	8.3	1,106
25 to 34 years .....	2,223	1,909	85.9	1,729	77.8	20	1,709	180	9.4	314
25 to 29 years .....	1,074	902	84.0	809	75.4	10	799	93	10.3	171
30 to 34 years .....	1,149	1,007	87.6	920	80.1	9	911	86	8.6	143
35 to 44 years .....	2,437	2,064	84.7	1,899	77.9	30	1,869	165	8.0	374
35 to 39 years .....	1,198	1,037	86.6	955	79.7	14	941	82	7.9	161
40 to 44 years .....	1,240	1,027	82.8	944	76.2	16	928	83	8.1	213
45 to 54 years .....	2,042	1,623	79.5	1,503	73.6	24	1,479	120	7.4	419
45 to 49 years .....	1,114	916	82.3	842	75.6	14	828	74	8.1	197
50 to 54 years .....	928	707	76.2	661	71.2	10	651	46	6.4	221
55 to 64 years .....	1,137	664	58.4	624	54.9	15	609	40	6.1	473
55 to 59 years .....	645	431	66.8	402	62.4	8	394	29	6.6	214
60 to 64 years .....	492	233	47.4	222	45.0	7	215	12	5.0	259
65 years and over .....	1,075	181	16.9	172	16.0	9	163	9	5.0	894
65 to 69 years .....	396	115	29.1	110	27.6	4	105	6	5.1	281
70 to 74 years .....	274	38	13.9	37	13.4	2	34	1	3.8	236
75 years and over .....	405	28	6.8	26	6.4	2	24	2	( <sup>1</sup> )	377
Women										
16 years and over .....	14,187	8,772	61.8	7,914	55.8	14	7,900	858	9.8	5,415
16 to 19 years .....	1,221	424	34.7	304	24.9	2	302	120	28.3	797
16 to 17 years .....	620	148	23.8	99	15.9	—	99	49	33.2	472
18 to 19 years .....	601	276	46.0	205	34.2	2	203	71	25.6	325
20 to 24 years .....	1,498	1,002	66.9	819	54.6	2	817	183	18.3	496
25 to 54 years .....	8,286	6,431	77.6	5,923	71.5	7	5,916	508	7.9	1,855
25 to 34 years .....	2,792	2,225	79.7	1,997	71.5	2	1,995	228	10.2	567
25 to 29 years .....	1,352	1,061	78.5	932	69.0	1	931	128	12.1	291
30 to 34 years .....	1,440	1,164	80.9	1,065	73.9	1	1,064	99	8.5	276
35 to 44 years .....	3,023	2,394	79.2	2,209	73.1	3	2,207	185	7.7	629
35 to 39 years .....	1,505	1,219	81.0	1,123	74.6	1	1,122	96	7.9	286
40 to 44 years .....	1,518	1,175	77.4	1,087	71.6	2	1,085	88	7.5	343
45 to 54 years .....	2,471	1,812	73.3	1,717	69.5	3	1,714	95	5.3	659
45 to 49 years .....	1,348	1,016	75.4	953	70.7	1	953	63	6.2	332
50 to 54 years .....	1,123	796	70.9	763	68.0	2	761	32	4.1	327
55 to 64 years .....	1,434	743	51.8	708	49.4	2	707	35	4.7	691
55 to 59 years .....	805	492	61.2	467	58.1	1	466	25	5.1	312
60 to 64 years .....	630	251	39.9	241	38.2	—	240	10	4.1	379
65 years and over .....	1,747	171	9.8	160	9.1	1	158	12	6.9	1,576
65 to 69 years .....	537	102	19.1	95	17.7	—	95	7	7.2	435
70 to 74 years .....	424	42	9.8	38	9.0	—	38	3	8.0	382
75 years and over .....	787	27	3.5	26	3.4	1	25	1	( <sup>1</sup> )	759

<sup>1</sup> Data not shown where base is less than 35,000.



## 4. Employment status of the Hispanic-origin population by age and sex

(Numbers in thousands)

Age and sex	2002									
	Civilian noninsti- tutional 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>TOTAL</b>										
16 years and over .....	25,963	17,943	69.1	16,590	63.9	779	15,811	1,353	7.5	8,020
16 to 19 years .....	2,507	1,103	44.0	882	35.2	36	846	221	20.1	1,404
16 to 17 years .....	1,216	335	27.5	254	20.9	9	245	81	24.2	881
18 to 19 years .....	1,291	769	59.5	628	48.7	28	601	140	18.2	522
20 to 24 years .....	3,508	2,678	76.3	2,413	68.8	138	2,275	265	9.9	830
25 years and over .....	19,948	14,162	71.0	13,294	66.6	605	12,690	868	6.1	5,787
25 to 54 years .....	16,110	12,847	79.7	12,057	74.8	548	11,509	790	6.2	3,263
25 to 34 years .....	7,010	5,645	80.5	5,272	75.2	246	5,026	373	6.6	1,365
35 to 44 years .....	5,606	4,545	81.1	4,273	76.2	212	4,062	271	6.0	1,062
45 to 54 years .....	3,494	2,657	76.1	2,511	71.9	90	2,421	146	5.5	837
55 years and over .....	3,838	1,315	34.3	1,238	32.2	57	1,181	77	5.9	2,523
55 to 64 years .....	1,953	1,091	55.8	1,029	52.7	43	986	62	5.7	862
65 years and over .....	1,885	224	11.9	209	11.1	14	195	15	6.8	1,661
<b>Men</b>										
16 years and over .....	13,221	10,609	80.2	9,845	74.5	676	9,170	764	7.2	2,613
16 to 19 years .....	1,293	632	48.8	504	39.0	33	471	127	20.2	662
16 to 17 years .....	615	183	29.7	141	22.9	8	133	42	22.9	433
18 to 19 years .....	678	449	66.2	363	53.6	26	338	86	19.1	229
20 to 24 years .....	1,890	1,627	86.1	1,476	78.1	124	1,352	151	9.3	263
25 years and over .....	10,038	8,350	83.2	7,865	78.4	518	7,346	485	5.8	1,688
25 to 54 years .....	8,318	7,610	91.5	7,171	86.2	467	6,703	439	5.8	709
25 to 34 years .....	3,727	3,484	93.5	3,271	87.8	209	3,062	213	6.1	243
35 to 44 years .....	2,875	2,647	92.1	2,503	87.1	187	2,316	144	5.4	228
45 to 54 years .....	1,716	1,478	86.1	1,396	81.3	71	1,325	82	5.5	238
55 years and over .....	1,719	740	43.0	694	40.4	51	643	46	6.2	979
55 to 64 years .....	902	607	67.3	569	63.1	39	530	38	6.2	295
65 years and over .....	817	134	16.3	125	15.3	12	113	8	6.3	684
<b>Women</b>										
16 years and over .....	12,742	7,334	57.6	6,744	52.9	103	6,641	590	8.0	5,408
16 to 19 years .....	1,214	471	38.8	378	31.1	3	375	94	19.9	742
16 to 17 years .....	601	152	25.3	113	18.8	1	112	39	25.8	449
18 to 19 years .....	613	320	52.1	265	43.2	2	263	54	17.0	293
20 to 24 years .....	1,617	1,051	65.0	937	58.0	14	924	113	10.8	567
25 years and over .....	9,911	5,812	58.6	5,429	54.8	88	5,343	383	6.6	4,099
25 to 54 years .....	7,792	5,237	67.2	4,886	62.7	82	4,805	352	6.7	2,555
25 to 34 years .....	3,283	2,161	65.8	2,001	61.0	38	1,964	160	7.4	1,122
35 to 44 years .....	2,732	1,897	69.5	1,770	64.8	25	1,745	127	6.7	834
45 to 54 years .....	1,777	1,179	66.3	1,114	62.7	19	1,096	65	5.5	598
55 years and over .....	2,119	575	27.1	544	25.7	6	538	31	5.4	1,544
55 to 64 years .....	1,051	484	46.1	460	43.7	4	456	24	5.0	567
65 years and over .....	1,068	90	8.5	84	7.8	2	82	7	7.5	977

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**5. Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin**

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	2001	2002	2001	2002	2001	2002	2001	2002
<b>TOTAL</b>								
Civilian noninstitutional population .....	215,092	217,570	178,111	179,783	25,138	25,578	24,942	25,963
Civilian labor force .....	143,734	144,863	119,399	120,150	16,421	16,565	17,328	17,943
Percent of population .....	66.8	66.6	67.0	66.8	65.3	64.8	69.5	69.1
Employed .....	136,933	136,485	114,430	114,013	15,006	14,872	16,190	16,590
Agriculture .....	3,231	3,340	3,047	3,104	111	131	715	779
Nonagricultural industries .....	133,702	133,415	111,383	110,909	14,894	14,742	15,475	15,811
Unemployed .....	6,801	8,378	4,969	6,137	1,416	1,693	1,138	1,353
Unemployment rate .....	4.7	5.8	4.2	5.1	8.6	10.2	6.6	7.5
Not in labor force .....	71,359	72,707	58,713	59,633	8,717	9,013	7,614	8,020
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	103,282	104,585	86,452	87,361	11,172	11,391	12,695	13,221
Civilian labor force .....	76,886	77,500	64,966	65,308	7,647	7,794	10,279	10,609
Percent of population .....	74.4	74.1	75.1	74.8	68.4	68.4	81.0	80.2
Employed .....	73,196	72,903	62,212	61,849	6,938	6,959	9,668	9,845
Agriculture .....	2,353	2,473	2,201	2,276	100	117	618	675
Nonagricultural industries .....	70,843	70,430	60,011	59,573	6,838	6,842	9,050	9,170
Unemployed .....	3,690	4,597	2,754	3,459	709	835	611	764
Unemployment rate .....	4.8	5.9	4.2	5.3	9.3	10.7	5.9	7.2
Not in labor force .....	26,396	27,085	21,486	22,053	3,525	3,597	2,416	2,613
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	95,181	96,439	80,029	80,922	9,993	10,196	11,386	11,928
Civilian labor force .....	72,816	73,630	61,519	62,067	7,200	7,347	9,595	9,977
Percent of population .....	76.5	76.3	76.9	76.7	72.1	72.1	84.3	83.6
Employed .....	69,776	69,734	59,245	59,124	6,627	6,652	9,100	9,341
Agriculture .....	2,188	2,313	2,041	2,121	98	112	585	642
Nonagricultural industries .....	67,588	67,421	57,204	57,002	6,529	6,540	8,516	8,699
Unemployed .....	3,040	3,896	2,275	2,943	573	695	495	636
Unemployment rate .....	4.2	5.3	3.7	4.7	8.0	9.5	5.2	6.4
Not in labor force .....	22,365	22,809	18,510	18,855	2,792	2,848	1,791	1,951
<b>Women, 16 years and over</b>								
Civilian noninstitutional population .....	111,811	112,985	91,660	92,422	13,966	14,187	12,247	12,742
Civilian labor force .....	66,848	67,363	54,433	54,842	8,774	8,772	7,049	7,334
Percent of population .....	59.8	59.6	59.4	59.3	62.8	61.8	57.6	57.6
Employed .....	63,737	63,582	52,218	52,164	8,068	7,914	6,522	6,744
Agriculture .....	878	867	846	827	12	14	97	103
Nonagricultural industries .....	62,859	62,715	51,372	51,336	8,056	7,900	6,425	6,641
Unemployed .....	3,111	3,781	2,215	2,678	706	858	527	590
Unemployment rate .....	4.7	5.6	4.1	4.9	8.1	9.8	7.5	8.0
Not in labor force .....	44,962	45,621	37,227	37,581	5,192	5,415	5,198	5,408
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	103,983	105,136	85,526	86,266	12,758	12,966	11,049	11,528
Civilian labor force .....	63,016	63,648	51,218	51,717	8,323	8,348	6,557	6,863
Percent of population .....	60.6	60.5	59.9	60.0	65.2	64.4	59.3	59.5
Employed .....	60,417	60,420	49,369	49,448	7,741	7,610	6,121	6,367
Agriculture .....	828	815	799	780	11	12	92	101
Nonagricultural industries .....	59,589	59,605	48,570	48,668	7,730	7,598	6,029	6,266
Unemployed .....	2,599	3,228	1,849	2,269	582	738	436	496
Unemployment rate .....	4.1	5.1	3.6	4.4	7.0	8.8	6.6	7.2
Not in labor force .....	40,967	41,488	34,308	34,548	4,434	4,618	4,492	4,666
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	15,929	15,994	12,556	12,596	2,388	2,416	2,508	2,507
Civilian labor force .....	7,902	7,585	6,661	6,366	898	870	1,176	1,103
Percent of population .....	49.6	47.4	53.1	50.5	37.6	36.0	46.9	44.0
Employed .....	6,740	6,332	5,817	5,441	637	611	969	882
Agriculture .....	214	212	207	202	3	7	39	36
Nonagricultural industries .....	6,526	6,120	5,610	5,239	635	604	930	846
Unemployed .....	1,162	1,253	845	925	260	260	208	221
Unemployment rate .....	14.7	16.5	12.7	14.5	29.0	29.8	17.7	20.1
Not in labor force .....	8,027	8,409	5,894	6,230	1,490	1,546	1,331	1,404

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.

## 6. Employment status of the Mexican, Puerto Rican, and Cuban-origin population by sex and age

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	2001	2002	2001	2002	2001	2002	2001	2002
<b>TOTAL</b>								
Civilian noninstitutional population .....	24,942	25,963	15,909	16,420	2,367	2,484	1,118	1,141
Civilian labor force .....	17,328	17,943	11,218	11,542	1,454	1,546	671	635
Percent of population .....	69.5	69.1	70.5	70.3	61.4	62.2	60.0	55.6
Employed .....	16,190	16,590	10,471	10,673	1,341	1,401	628	592
Agriculture .....	715	779	609	685	14	15	14	4
Nonagricultural industries .....	15,475	15,811	9,862	9,988	1,327	1,385	614	588
Unemployed .....	1,138	1,353	747	869	114	145	44	43
Unemployment rate .....	6.6	7.5	6.7	7.5	7.8	9.4	6.5	6.7
Not in labor force .....	7,614	8,020	4,691	4,878	913	938	447	507
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	12,695	13,221	8,338	8,611	1,059	1,146	568	572
Civilian labor force .....	10,279	10,609	6,933	7,089	729	815	394	361
Percent of population .....	81.0	80.2	83.1	82.3	68.9	71.1	69.4	63.1
Employed .....	9,668	9,845	6,522	6,588	672	738	369	337
Agriculture .....	618	675	529	595	12	13	11	4
Nonagricultural industries .....	9,050	9,170	5,993	5,993	660	726	358	334
Unemployed .....	611	764	410	501	57	77	26	23
Unemployment rate .....	5.9	7.2	5.9	7.1	7.8	9.4	6.5	6.5
Not in labor force .....	2,416	2,613	1,405	1,522	330	331	174	211
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	11,386	11,928	7,436	7,742	955	1,032	536	542
Civilian labor force .....	9,595	9,977	6,436	6,645	686	767	380	352
Percent of population .....	84.3	83.6	86.6	85.8	71.9	74.4	70.8	64.9
Employed .....	9,100	9,341	6,110	6,228	641	705	357	330
Agriculture .....	585	642	499	564	12	12	11	4
Nonagricultural industries .....	8,516	8,699	5,611	5,664	629	693	347	327
Unemployed .....	495	636	326	417	46	62	22	21
Unemployment rate .....	5.2	6.4	5.1	6.3	6.6	8.1	5.9	6.1
Not in labor force .....	1,791	1,951	1,000	1,098	268	265	157	190
<b>Women, 16 years and over</b>								
Civilian noninstitutional population .....	12,247	12,742	7,571	7,809	1,309	1,338	550	570
Civilian labor force .....	7,049	7,334	4,285	4,452	725	731	277	274
Percent of population .....	57.6	57.6	56.6	57.0	55.4	54.7	50.4	48.1
Employed .....	6,522	6,744	3,949	4,085	669	662	259	255
Agriculture .....	97	103	80	90	2	3	3	-
Nonagricultural industries .....	6,425	6,641	3,868	3,996	667	660	256	254
Unemployed .....	527	590	337	367	56	68	18	19
Unemployment rate .....	7.5	8.0	7.9	8.2	7.8	9.4	6.5	7.1
Not in labor force .....	5,198	5,408	3,285	3,356	583	607	273	296
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	11,049	11,528	6,745	7,010	1,188	1,211	525	533
Civilian labor force .....	6,557	6,863	3,932	4,137	682	679	270	259
Percent of population .....	59.3	59.5	58.3	59.0	57.4	56.1	51.4	48.5
Employed .....	6,121	6,367	3,661	3,835	635	621	253	242
Agriculture .....	92	101	75	87	2	3	3	-
Nonagricultural industries .....	6,029	6,266	3,586	3,748	634	618	250	241
Unemployed .....	436	496	271	303	47	58	17	17
Unemployment rate .....	6.6	7.2	6.9	7.3	6.8	8.5	6.4	6.6
Not in labor force .....	4,492	4,666	2,813	2,873	506	532	255	275
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	2,508	2,507	1,728	1,667	224	241	57	66
Civilian labor force .....	1,176	1,103	850	760	86	100	22	24
Percent of population .....	46.9	44.0	49.2	45.6	38.3	41.4	38.4	36.4
Employed .....	969	882	700	610	65	74	18	20
Agriculture .....	39	36	35	35	1	1	-	-
Nonagricultural industries .....	930	846	665	577	64	74	17	20
Unemployed .....	208	221	150	149	21	25	4	4
Unemployment rate .....	17.7	20.1	17.7	19.7	24.9	25.2	( <sup>2</sup> )	( <sup>2</sup> )
Not in labor force .....	1,331	1,404	878	908	138	141	35	42

<sup>1</sup> Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.<sup>2</sup> Data not shown where base is less than 35,000.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**7. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, sex, race, and Hispanic origin**

(Numbers in thousands)

Educational attainment	Total		Men		Women		White		Black		Hispanic origin	
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
<b>TOTAL</b>												
Civilian noninstitutional population ...	180,287	182,228	85,813	86,813	94,474	95,415	150,554	151,827	20,065	20,382	19,018	19,948
Civilian labor force .....	121,275	122,497	65,176	65,861	56,099	56,636	100,854	101,711	13,646	13,787	13,536	14,162
Percent of population .....	67.3	67.2	76.0	75.9	59.4	59.4	67.0	67.0	68.0	67.6	71.2	71.0
Employed .....	116,846	116,802	62,824	62,756	54,021	54,046	97,560	97,476	12,797	12,719	12,817	13,294
Employment-population ratio .....	64.8	64.1	73.2	72.3	57.2	56.6	64.8	64.2	63.8	62.4	67.4	66.6
Unemployed .....	4,429	5,695	2,351	3,105	2,078	2,590	3,295	4,235	849	1,068	718	868
Unemployment rate .....	3.7	4.6	3.6	4.7	3.7	4.6	3.3	4.2	6.2	7.7	5.3	6.1
<b>Less than a high school diploma</b>												
Civilian noninstitutional population ...	28,602	28,382	13,618	13,700	14,984	14,682	22,908	22,610	4,211	4,238	8,119	8,386
Civilian labor force .....	12,581	12,599	7,680	7,833	4,901	4,766	10,217	10,162	1,691	1,728	4,971	5,141
Percent of population .....	44.0	44.4	56.4	57.2	32.7	32.5	44.6	44.9	40.2	40.8	61.2	61.3
Employed .....	11,669	11,535	7,188	7,220	4,480	4,315	9,550	9,394	1,492	1,498	4,601	4,744
Employment-population ratio .....	40.8	40.6	52.8	52.7	29.9	29.4	41.7	41.5	35.4	35.3	56.7	56.6
Unemployed .....	912	1,064	491	613	421	451	668	769	200	231	370	397
Unemployment rate .....	7.2	8.4	6.4	7.8	8.6	9.5	6.5	7.6	11.8	13.3	7.4	7.7
<b>High school graduates, no college</b>												
Civilian noninstitutional population ...	58,621	58,861	27,018	27,156	31,603	31,704	49,299	49,360	7,034	7,141	5,285	5,622
Civilian labor force .....	37,644	37,764	20,132	20,241	17,512	17,523	31,257	31,290	4,850	4,883	3,974	4,167
Percent of population .....	64.2	64.2	74.5	74.5	55.4	55.3	63.4	63.4	68.9	68.4	75.2	74.1
Employed .....	36,078	35,779	19,274	19,154	16,804	16,624	30,126	29,836	4,492	4,453	3,796	3,921
Employment-population ratio .....	61.5	60.8	71.3	70.5	53.2	52.4	61.1	60.4	63.9	62.4	71.8	69.7
Unemployed .....	1,566	1,985	858	1,087	708	898	1,131	1,454	358	430	178	247
Unemployment rate .....	4.2	5.3	4.3	5.4	4.0	5.1	3.6	4.6	7.4	8.8	4.5	5.9
<b>Less than a bachelor's degree<sup>1</sup></b>												
Civilian noninstitutional population ...	45,709	45,968	20,858	20,963	24,851	25,005	38,264	38,349	5,466	5,582	3,452	3,569
Civilian labor force .....	33,696	33,616	16,857	16,802	16,839	16,814	27,893	27,786	4,302	4,342	2,804	2,880
Percent of population .....	73.7	73.1	80.8	80.2	67.8	67.2	72.9	72.5	78.7	77.8	81.2	80.7
Employed .....	32,586	32,094	16,302	16,032	16,284	16,062	27,063	26,650	4,086	4,053	2,697	2,723
Employment-population ratio .....	71.3	69.8	78.2	76.5	65.5	64.2	70.7	69.5	74.8	72.6	78.1	76.3
Unemployed .....	1,110	1,523	555	770	555	752	829	1,136	215	289	107	157
Unemployment rate .....	3.3	4.5	3.3	4.6	3.3	4.5	3.0	4.1	5.0	6.7	3.8	5.4
<b>Some college, no degree</b>												
Civilian noninstitutional population ...	30,955	30,890	14,531	14,493	16,424	16,397	25,809	25,648	3,880	3,954	2,462	2,498
Civilian labor force .....	22,238	21,990	11,466	11,346	10,772	10,644	18,257	17,995	3,023	3,055	1,992	2,014
Percent of population .....	77.7	77.1	85.2	84.3	72.0	71.7	77.4	77.1	80.6	79.1	82.0	80.8
Employed .....	21,459	20,928	11,076	10,811	10,383	10,117	17,671	17,209	2,871	2,843	1,916	1,900
Employment-population ratio .....	69.3	67.7	76.2	74.6	63.2	61.7	68.5	67.1	74.0	71.9	77.8	76.1
Unemployed .....	779	1,062	390	536	390	527	586	786	153	212	76	114
Unemployment rate .....	3.5	4.8	3.4	4.7	3.6	4.9	3.2	4.4	5.1	6.9	3.8	5.7
<b>Associate degree</b>												
Civilian noninstitutional population ...	14,755	15,078	6,328	6,470	8,427	8,608	12,454	12,701	1,587	1,628	990	1,072
Civilian labor force .....	11,458	11,626	5,391	5,456	6,067	6,171	9,636	9,790	1,278	1,288	812	866
Percent of population .....	77.7	77.1	85.2	84.3	72.0	71.7	77.4	77.1	80.6	79.1	82.0	80.8
Employed .....	11,127	11,166	5,226	5,221	5,901	5,945	9,393	9,440	1,216	1,210	781	823
Employment-population ratio .....	75.4	74.1	82.6	80.7	70.0	69.1	75.4	74.3	76.6	74.4	78.9	76.8
Unemployed .....	331	460	165	235	166	226	243	350	62	77	31	43
Unemployment rate .....	2.9	4.0	3.1	4.3	2.7	3.7	2.5	3.6	4.9	6.0	3.8	4.9
<b>College graduates</b>												
Civilian noninstitutional population ...	47,354	49,017	24,318	24,994	23,036	24,024	40,083	41,508	3,353	3,421	2,162	2,371
Civilian labor force .....	37,354	38,518	20,508	20,985	16,847	17,533	31,487	32,473	2,803	2,833	1,787	1,973
Percent of population .....	78.9	78.6	84.3	84.0	73.1	73.0	78.6	78.2	83.6	82.8	82.7	83.2
Employed .....	36,514	37,395	20,060	20,350	16,453	17,045	30,821	31,597	2,727	2,715	1,723	1,906
Employment-population ratio .....	77.1	76.3	82.5	81.4	71.4	71.0	76.9	76.1	81.3	79.4	79.7	80.4
Unemployed .....	841	1,123	447	635	394	488	667	876	76	118	64	67
Unemployment rate .....	2.3	2.9	2.2	3.0	2.3	2.8	2.1	2.7	2.7	4.2	3.6	3.4

<sup>1</sup> Includes the categories, some college, no degree, and associate degree.  
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.

## 8. Employed and unemployed full- and part-time workers by age, sex, and race

(Numbers in thousands)

Age, sex, and race	2002									
	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 .....	112,700	99,042	9,746	3,912	23,785	2,755	19,549	1,481	7,063	1,314
16 to 19 years .....	2,021	1,699	271	50	4,311	307	3,844	159	669	585
16 to 17 years .....	303	237	58	8	2,027	55	1,892	80	160	380
18 to 19 years .....	1,718	1,462	214	42	2,284	252	1,953	79	509	205
20 years and over .....	110,679	97,342	9,474	3,862	19,475	2,448	15,704	1,322	6,395	730
20 to 24 years .....	9,674	8,548	893	233	3,677	529	2,986	162	1,227	202
25 years and over .....	101,005	88,794	8,581	3,629	15,798	1,919	12,718	1,160	5,167	527
25 to 54 years .....	85,680	75,651	7,080	2,949	11,142	1,669	8,690	784	4,533	363
55 years and over .....	15,324	13,143	1,502	680	4,655	251	4,028	377	634	164
Men, 16 years and over .....	65,205	58,318	4,971	1,916	7,697	1,246	6,050	401	4,029	568
16 to 19 years .....	1,200	1,017	156	27	1,969	153	1,752	65	387	314
20 years and over .....	64,006	57,302	4,815	1,889	5,728	1,093	4,299	336	3,642	254
20 to 24 years .....	5,451	4,874	475	103	1,527	258	1,210	59	703	88
25 years and over .....	58,555	52,428	4,340	1,787	4,201	835	3,088	278	2,939	166
25 to 54 years .....	49,612	44,649	3,551	1,412	2,311	710	1,470	131	2,547	97
55 years and over .....	8,943	7,779	789	375	1,890	125	1,619	146	392	68
Women, 16 years and over .....	47,494	40,723	4,775	1,996	16,088	1,509	13,498	1,080	3,034	747
16 to 19 years .....	821	683	115	23	2,341	154	2,093	95	282	271
20 years and over .....	46,673	40,040	4,660	1,973	13,747	1,355	11,406	986	2,752	476
20 to 24 years .....	4,223	3,674	418	131	2,150	271	1,776	103	524	114
25 years and over .....	42,450	36,366	4,241	1,843	11,596	1,084	9,630	883	2,229	361
25 to 54 years .....	36,068	31,002	3,529	1,537	8,831	958	7,221	652	1,986	266
55 years and over .....	6,382	5,364	713	305	2,765	126	2,409	230	243	96
<b>White</b>										
Men, 16 years and over .....	55,369	49,459	4,267	1,644	6,480	980	5,150	350	3,017	443
16 to 19 years .....	1,036	877	134	24	1,690	124	1,509	57	274	243
20 years and over .....	54,333	48,581	4,133	1,619	4,790	857	3,640	293	2,743	200
20 to 24 years .....	4,630	4,145	402	83	1,252	208	996	49	496	66
25 years and over .....	49,703	44,436	3,730	1,537	3,538	649	2,645	244	2,247	134
25 to 54 years .....	41,862	37,627	3,031	1,203	1,836	550	1,178	108	1,923	76
55 years and over .....	7,842	6,809	700	333	1,703	99	1,467	137	324	58
Women, 16 years and over .....	38,152	32,623	3,896	1,633	14,011	1,152	11,903	956	2,084	595
16 to 19 years .....	685	574	93	18	2,031	123	1,824	83	196	213
20 years and over .....	37,467	32,049	3,803	1,615	11,981	1,029	10,079	873	1,888	381
20 to 24 years .....	3,433	2,995	337	101	1,781	209	1,490	82	334	81
25 years and over .....	34,034	29,055	3,466	1,513	10,200	820	8,588	791	1,554	300
25 to 54 years .....	28,610	24,509	2,851	1,251	7,710	717	6,413	581	1,362	220
55 years and over .....	5,424	4,546	616	262	2,490	103	2,176	211	193	80
<b>Black</b>										
Men, 16 years and over .....	6,194	5,541	480	173	765	188	546	30	749	86
16 to 19 years .....	121	104	15	2	186	22	159	4	89	51
20 years and over .....	6,073	5,437	465	171	579	166	387	26	660	35
20 to 24 years .....	575	510	52	12	150	37	110	4	169	13
25 years and over .....	5,499	4,927	413	160	429	129	277	23	491	22
25 to 54 years .....	4,824	4,335	355	133	308	114	179	16	450	14
55 years and over .....	675	591	58	26	121	15	99	7	41	8
Women, 16 years and over .....	6,588	5,685	640	263	1,326	259	991	76	744	114
16 to 19 years .....	96	79	14	2	208	25	175	8	73	47
20 years and over .....	6,492	5,605	626	261	1,117	234	816	68	671	67
20 to 24 years .....	583	498	61	25	235	49	174	12	161	22
25 years and over .....	5,909	5,108	565	236	882	185	641	56	510	45
25 to 54 years .....	5,234	4,533	497	203	690	172	476	42	475	32
55 years and over .....	675	575	68	33	192	13	165	14	34	13

<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 also are 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.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**9. Employed persons by occupation, sex, and age**

(Numbers 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	
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
Total .....	136,933	136,485	73,196	72,903	69,776	69,734	63,737	63,582	60,417	60,420
Managerial and professional specialty .....	42,271	42,482	21,125	21,037	20,972	20,901	21,145	21,445	20,954	21,267
Executive, administrative, and managerial .....	20,506	20,561	11,056	11,115	11,005	11,064	9,449	9,446	9,387	9,393
Officials and administrators, public administration .....	833	808	429	405	429	404	404	403	403	403
Other executive, administrative, and managerial .....	14,487	14,571	8,483	8,543	8,441	8,502	6,004	6,028	5,956	5,982
Management-related occupations .....	5,186	5,182	2,145	2,167	2,135	2,159	3,041	3,015	3,028	3,009
Professional specialty .....	21,765	21,921	10,069	9,922	9,967	9,837	11,696	11,999	11,567	11,874
Engineers .....	2,121	2,028	1,904	1,809	1,902	1,807	217	219	216	218
Mathematical and computer scientists .....	2,125	2,030	1,488	1,405	1,479	1,401	637	625	635	622
Natural scientists .....	590	545	391	354	391	353	200	192	200	191
Health diagnosing occupations .....	1,115	1,176	795	832	793	831	320	344	320	344
Health assessment and treating occupations .....	3,112	3,267	437	446	433	445	2,675	2,822	2,672	2,818
Teachers, college and university .....	1,027	1,015	588	582	584	577	439	433	433	430
Teachers, except college and university .....	5,498	5,652	1,373	1,411	1,348	1,387	4,125	4,242	4,066	4,183
Lawyers and judges .....	969	963	684	681	683	681	285	282	285	282
Other professional specialty occupations .....	5,209	5,245	2,411	2,403	2,353	2,354	2,798	2,842	2,740	2,786
Technical, sales, and administrative support .....	39,469	38,947	14,309	14,267	13,448	13,477	25,160	24,680	23,466	23,128
Technicians and related support .....	4,558	4,509	2,137	2,068	2,096	2,032	2,421	2,441	2,385	2,401
Health technologists and technicians .....	1,831	1,879	342	347	337	343	1,489	1,531	1,468	1,506
Engineering and science technicians .....	1,320	1,272	971	931	946	907	348	341	338	334
Technicians, except health, engineering, and science .....	1,407	1,359	823	790	814	783	583	569	578	561
Sales occupations .....	16,201	16,254	8,180	8,285	7,601	7,748	8,021	7,969	6,953	6,980
Supervisors and proprietors .....	4,900	4,828	2,884	2,916	2,860	2,893	2,015	1,912	1,982	1,878
Sales representatives, finance and business services .....	2,914	2,944	1,615	1,626	1,594	1,596	1,299	1,318	1,261	1,286
Sales representatives, commodities, except retail .....	1,517	1,563	1,156	1,170	1,149	1,163	361	393	351	387
Sales workers, retail and personal services .....	6,776	6,811	2,494	2,542	1,969	2,065	4,281	4,270	3,296	3,359
Sales-related occupations .....	95	107	30	31	29	31	65	76	63	71
Administrative support, including clerical .....	18,710	18,184	3,991	3,914	3,751	3,697	14,719	14,270	14,128	13,747
Supervisors .....	734	717	247	283	247	282	487	434	483	430
Computer equipment operators .....	330	308	155	163	149	158	175	145	169	142
Secretaries, stenographers, and typists .....	3,150	3,020	69	73	65	67	3,081	2,947	3,002	2,871
Financial records processing .....	2,237	2,205	189	181	183	174	2,048	2,024	2,023	2,000
Mail and message distributing .....	943	907	566	547	552	529	377	360	366	352
Other administrative support, including clerical .....	11,316	11,027	2,765	2,666	2,554	2,487	8,551	8,361	8,084	7,952
Service occupations .....	18,656	19,219	7,426	7,701	6,465	6,758	11,230	11,518	10,066	10,324
Private household .....	733	746	28	40	22	32	705	706	625	632
Protective service .....	2,502	2,596	1,993	2,081	1,942	2,034	509	516	468	473
Service, except private household and protective .....	15,421	15,877	5,405	5,580	4,501	4,692	10,016	10,296	8,972	9,219
Food service .....	6,372	6,614	2,771	2,923	2,068	2,232	3,602	3,691	2,872	2,937
Health service .....	2,720	2,817	297	305	276	290	2,423	2,511	2,341	2,421
Cleaning and building service .....	3,187	3,162	1,721	1,717	1,630	1,624	1,466	1,445	1,401	1,387
Personal service .....	3,141	3,284	616	635	527	547	2,526	2,649	2,359	2,474
Precision production, craft, and repair .....	15,138	14,660	13,823	13,459	13,516	13,185	1,315	1,201	1,283	1,179
Mechanics and repairers .....	4,869	4,760	4,633	4,545	4,539	4,460	236	215	226	211
Construction trades .....	6,391	6,304	6,238	6,151	6,071	6,008	153	153	148	147
Other precision production, craft, and repair .....	3,878	3,596	2,952	2,764	2,906	2,718	926	832	909	821
Operators, fabricators, and laborers .....	18,065	17,697	13,861	13,675	12,933	12,846	4,205	4,022	4,017	3,855
Machine operators, assemblers, and inspectors .....	6,904	6,488	4,407	4,198	4,262	4,077	2,497	2,290	2,422	2,237
Transportation and material moving occupations .....	5,737	5,814	5,142	5,211	5,040	5,106	595	603	585	593
Motor vehicle operators .....	4,433	4,482	3,901	3,940	3,819	3,852	532	541	521	532
Other transportation and material moving occupations .....	1,304	1,332	1,241	1,271	1,221	1,254	63	61	63	61
Handlers, equipment cleaners, helpers, and laborers .....	5,423	5,395	4,311	4,265	3,631	3,663	1,112	1,129	1,011	1,025
Construction laborers .....	1,059	1,089	1,020	1,046	929	968	39	43	37	40
Other handlers, equipment cleaners, helpers, and laborers .....	4,365	4,305	3,291	3,219	2,702	2,696	1,073	1,086	974	985
Farming, forestry, and fishing .....	3,335	3,480	2,652	2,765	2,443	2,566	683	716	632	666
Farm operators and managers .....	1,136	1,168	848	882	841	873	288	286	287	284
Other farming, forestry, and fishing occupations .....	2,199	2,313	1,804	1,883	1,603	1,693	395	430	345	382

## 10. Employed persons by occupation, race, and sex

(Percent distribution)

Occupation and race	Total		Men		Women	
	2001	2002	2001	2002	2001	2002
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	136,933	136,485	73,196	72,903	63,737	63,582
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	30.9	31.1	28.9	28.9	33.2	33.7
Executive, administrative, and managerial .....	15.0	15.1	15.1	15.2	14.8	14.9
Professional specialty .....	15.9	16.1	13.8	13.6	18.3	18.9
Technical, sales, and administrative support .....	28.8	28.5	19.5	19.6	39.5	38.8
Technicians and related support .....	3.3	3.3	2.9	2.8	3.8	3.8
Sales occupations .....	11.8	11.9	11.2	11.4	12.6	12.5
Administrative support, including clerical .....	13.7	13.3	5.5	5.4	23.1	22.4
Service occupations .....	13.6	14.1	10.1	10.6	17.6	18.1
Private household .....	.5	.5	( <sup>1</sup> )	.1	1.1	1.1
Protective service .....	1.8	1.9	2.7	2.9	.8	.8
Service, except private household and protective .....	11.3	11.6	7.4	7.7	15.7	16.2
Precision production, craft, and repair .....	11.1	10.7	18.9	18.5	2.1	1.9
Operators, fabricators, and laborers .....	13.2	13.0	18.9	18.8	6.6	6.3
Machine operators, assemblers, and inspectors .....	5.0	4.8	6.0	5.8	3.9	3.6
Transportation and material moving occupations .....	4.2	4.3	7.0	7.1	.9	.9
Handlers, equipment cleaners, helpers, and laborers .....	4.0	4.0	5.9	5.9	1.7	1.8
Farming, forestry, and fishing .....	2.4	2.6	3.6	3.8	1.1	1.1
<b>White</b>						
Total, 16 years and over (thousands) .....	114,430	114,013	62,212	61,849	52,218	52,164
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	31.7	31.9	29.5	29.5	34.3	34.8
Executive, administrative, and managerial .....	15.6	15.7	15.8	16.0	15.4	15.5
Professional specialty .....	16.0	16.2	13.7	13.6	18.9	19.3
Technical, sales, and administrative support .....	28.8	28.7	19.5	19.5	39.9	39.5
Technicians and related support .....	3.3	3.3	2.9	2.8	3.8	3.9
Sales occupations .....	12.1	12.3	11.6	11.7	12.8	13.0
Administrative support, including clerical .....	13.4	13.1	5.1	5.0	23.3	22.7
Service occupations .....	12.5	12.8	9.2	9.6	16.4	16.7
Private household .....	.5	.5	( <sup>1</sup> )	.1	1.1	1.1
Protective service .....	1.7	1.7	2.5	2.6	.7	.7
Service, except private household and protective .....	10.3	10.6	6.6	6.9	14.6	15.0
Precision production, craft, and repair .....	11.7	11.4	19.8	19.4	2.0	1.8
Operators, fabricators, and laborers .....	12.7	12.4	18.1	17.9	6.2	5.8
Machine operators, assemblers, and inspectors .....	4.8	4.5	5.8	5.5	3.6	3.2
Transportation and material moving occupations .....	4.1	4.1	6.7	6.8	.9	.9
Handlers, equipment cleaners, helpers, and laborers .....	3.8	3.8	5.6	5.6	1.7	1.7
Farming, forestry, and fishing .....	2.7	2.8	3.9	4.1	1.2	1.3
<b>Black</b>						
Total, 16 years and over (thousands) .....	15,006	14,872	6,938	6,959	8,068	7,914
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	22.6	22.7	18.6	18.6	26.0	26.3
Executive, administrative, and managerial .....	10.4	10.4	9.4	9.6	11.3	11.2
Professional specialty .....	12.2	12.3	9.2	9.0	14.7	15.1
Technical, sales, and administrative support .....	29.2	28.2	18.7	18.9	38.3	36.4
Technicians and related support .....	3.1	2.9	2.3	2.1	3.7	3.7
Sales occupations .....	9.5	9.3	7.9	8.3	10.9	10.1
Administrative support, including clerical .....	16.6	16.0	8.4	8.5	23.6	22.6
Service occupations .....	21.6	22.7	17.8	18.3	24.8	26.6
Private household .....	.6	.6	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.1
Protective service .....	3.2	3.5	5.0	5.3	1.7	1.9
Service, except private household and protective .....	17.8	18.6	12.8	12.9	22.1	23.6
Precision production, craft, and repair .....	7.5	7.3	14.3	13.7	1.8	1.6
Operators, fabricators, and laborers .....	18.0	17.9	28.5	28.3	8.9	8.8
Machine operators, assemblers, and inspectors .....	6.5	6.5	7.8	7.9	5.3	5.3
Transportation and material moving occupations .....	6.1	6.2	11.3	11.5	1.5	1.6
Handlers, equipment cleaners, helpers, and laborers .....	5.4	5.2	9.4	8.9	2.1	1.9
Farming, forestry, and fishing .....	1.1	1.2	2.0	2.2	.2	.2

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

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**11. Employed persons by detailed occupation, sex, race, and Hispanic origin**

(Numbers in thousands)

Occupation	2002			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over .....	136,485	46.6	10.9	12.2
Managerial and professional specialty .....	42,482	50.5	8.0	5.8
Executive, administrative, and managerial .....	20,561	45.9	7.6	6.3
Officials and administrators, public administration .....	720	52.6	13.0	7.6
Administrators, protective services .....	54	25.3	13.3	2.0
Financial managers .....	803	50.5	8.4	6.8
Personnel and labor relations managers .....	219	66.0	8.0	5.1
Purchasing managers .....	140	43.3	6.6	4.7
Managers, marketing, advertising, and public relations .....	735	38.4	3.7	4.9
Administrators, education and related fields .....	849	64.6	11.3	6.1
Managers, medicine and health .....	828	78.4	9.5	6.2
Postmasters and mail superintendents .....	51	50.0	9.2	3.5
Managers, food serving and lodging establishments .....	1,494	46.5	9.8	9.2
Managers, properties and real estate .....	618	50.0	7.4	9.8
Funeral directors .....	58	23.9	9.6	2.3
Management-related occupations .....	5,182	58.2	9.0	6.5
Accountants and auditors .....	1,702	59.4	9.0	6.0
Underwriters .....	101	67.4	7.4	7.0
Other financial officers .....	880	50.0	9.2	7.1
Management analysts .....	545	42.2	6.2	2.5
Personnel, training, and labor relations specialists .....	624	74.9	10.5	7.6
Buyers, wholesale and retail trade, except farm products .....	229	55.3	4.6	9.0
Construction inspectors .....	72	5.0	3.1	11.0
Inspectors and compliance officers, except construction .....	247	36.4	14.4	7.8
Professional specialty .....	21,921	54.7	8.3	5.3
Engineers, architects, and surveyors .....	2,249	11.6	4.2	4.1
Architects .....	197	20.1	2.3	5.2
Engineers .....	2,028	10.8	4.5	4.0
Aerospace engineers .....	90	8.1	.9	6.0
Chemical engineers .....	77	16.5	3.1	3.1
Civil engineers .....	267	10.8	5.5	4.0
Electrical and electronic engineers .....	677	10.3	5.9	4.0
Industrial engineers .....	235	17.2	4.4	5.3
Mechanical engineers .....	301	6.9	2.9	2.6
Mathematical and computer scientists .....	2,030	30.8	7.3	5.1
Computer systems analysts and scientists .....	1,742	27.8	6.9	5.2
Operations and systems researchers and analysts .....	238	48.9	10.7	5.6
Natural scientists .....	545	35.1	4.1	2.9
Chemists, except biochemists .....	130	29.8	8.6	3.8
Agricultural and food scientists .....	51	34.6	3.6	6.1
Biological and life scientists .....	119	44.0	2.3	2.4
Medical scientists .....	89	60.4	6.1	3.8
Health diagnosing occupations .....	1,176	29.2	4.7	4.7
Physicians .....	825	30.6	5.0	5.8
Dentists .....	180	19.4	4.0	3.3
Health assessment and treating occupations .....	3,267	86.4	9.7	3.7
Registered nurses .....	2,311	92.9	10.0	3.3
Pharmacists .....	231	51.7	8.0	2.5
Dietitians .....	74	90.2	18.7	5.0
Therapists .....	562	77.5	8.3	5.5
Respiratory therapists .....	97	58.4	14.1	3.8
Occupational therapists .....	78	89.1	6.1	5.1
Physical therapists .....	167	70.2	4.5	6.9
Speech therapists .....	117	94.3	4.7	2.8
Physicians' assistants .....	89	59.5	7.4	5.1
Teachers, college and university .....	1,015	42.7	5.4	5.4
Teachers, except college and university .....	5,652	75.0	10.1	6.1
Prekindergarten and kindergarten .....	647	97.7	14.7	7.8
Elementary school .....	2,341	83.0	11.0	6.4
Secondary school .....	1,289	58.1	7.0	5.1
Special education .....	374	85.4	9.9	4.3
Counselors, educational and vocational .....	282	74.3	16.9	6.8
Librarians, archivists, and curators .....	231	78.8	7.0	4.6
Librarians .....	207	81.7	7.8	5.1
Social scientists and urban planners .....	457	59.6	8.3	4.5
Economists .....	123	55.0	6.2	4.6
Psychologists .....	277	65.9	9.5	3.8

See footnotes at end of table.



## 11. Employed persons by detailed occupation, sex, race, and Hispanic origin — Continued

(Numbers in thousands)

Occupation	2002			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Social, recreation, and religious workers .....	1,556	57.3	17.4	7.3
Social workers .....	848	74.0	22.7	8.6
Recreation workers .....	129	74.2	20.5	8.3
Clergy .....	393	14.1	9.8	4.0
Lawyers and judges .....	963	29.3	4.7	3.3
Lawyers .....	929	29.2	4.6	3.1
Writers, artists, entertainers, and athletes .....	2,498	49.8	5.7	7.3
Authors .....	139	54.7	2.3	3.8
Technical writers .....	68	61.5	5.1	5.2
Designers .....	770	56.4	3.5	8.5
Musicians and composers .....	161	36.4	12.9	5.8
Actors and directors .....	155	38.2	8.4	8.7
Painters, sculptors, craft artists, and artist printmakers .....	225	47.9	3.4	7.2
Photographers .....	178	33.2	4.1	6.7
Editors and reporters .....	280	48.5	4.7	3.3
Public relations specialists .....	211	68.2	9.2	4.6
Announcers .....	52	16.4	11.5	9.8
Athletes .....	95	25.8	11.8	6.8
Technical, sales, and administrative support .....	38,947	63.4	10.8	9.8
Technicians and related support .....	4,509	54.1	9.7	7.6
Health technologists and technicians .....	1,879	81.5	14.3	8.6
Clinical laboratory technologists and technicians .....	384	76.5	19.4	7.0
Dental hygienists .....	133	98.1	1.5	2.0
Radiologic technicians .....	182	74.4	5.8	8.6
Licensed practical nurses .....	382	94.9	20.6	5.0
Engineering and related technologists and technicians .....	980	20.8	7.7	7.7
Electrical and electronic technicians .....	433	19.1	9.2	4.9
Drafting occupations .....	247	21.6	4.1	12.3
Surveying and mapping technicians .....	65	9.1	.3	10.2
Science technicians .....	291	47.2	6.5	6.6
Biological technicians .....	131	59.5	3.7	6.1
Chemical technicians .....	64	33.6	11.6	7.3
Technicians, except health, engineering, and science .....	1,359	41.8	5.5	6.2
Airplane pilots and navigators .....	129	4.2	1.1	.3
Computer programmers .....	605	25.6	4.0	5.0
Legal assistants .....	401	82.2	7.4	10.7
Sales occupations .....	16,254	49.0	8.5	9.6
Supervisors and proprietors .....	4,828	39.6	6.4	8.1
Sales representatives, finance and business services .....	2,944	44.8	6.8	5.8
Insurance sales .....	612	45.0	6.3	4.6
Real estate sales .....	839	55.1	4.4	5.7
Securities and financial services sales .....	568	28.6	6.4	3.8
Advertising and related sales .....	181	61.8	5.1	6.7
Sales occupations, other business services .....	744	41.3	10.7	8.2
Sales representatives, commodities, except retail .....	1,563	25.2	3.1	5.1
Sales representatives, mining, manufacturing, and wholesale .....	1,526	25.6	3.0	5.1
Sales workers, retail and personal services .....	6,811	62.7	11.9	13.3
Sales workers, motor vehicles and boats .....	358	11.3	11.0	11.4
Sales workers, apparel .....	390	77.7	12.7	14.8
Sales workers, shoes .....	97	52.8	17.9	18.1
Sales workers, furniture and home furnishings .....	181	50.7	5.2	10.5
Sales workers, radio, television, hi-fi, and appliances .....	309	27.2	8.4	9.1
Sales workers, hardware and building supplies .....	296	23.3	6.3	8.9
Sales workers, parts .....	153	8.6	2.4	14.6
Sales workers, other commodities .....	1,467	66.2	8.3	11.8
Sales counter clerks .....	183	59.8	12.5	12.0
Cashiers .....	2,942	76.7	15.6	15.4
Street and door-to-door sales workers .....	334	72.9	10.5	11.2
News vendors .....	103	36.7	7.6	9.4
Sales-related occupations .....	107	71.0	9.0	10.5
Demonstrators, promoters, and models .....	77	73.1	8.9	11.7
Administrative support occupations, including clerical .....	18,184	78.5	13.1	10.6
Supervisors, administrative support .....	717	60.5	15.7	10.8
Supervisors, general office .....	402	69.4	15.3	9.6
Supervisors, financial records processing .....	107	81.6	17.2	10.0
Supervisors, distribution, scheduling, and adjusting clerks .....	185	31.6	16.2	14.4
Computer equipment operators .....	308	47.1	12.0	8.5

See footnotes at end of table.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**11. Employed persons by detailed occupation, sex, race, and Hispanic origin — Continued**

(Numbers in thousands)

Occupation	2002			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Computer operators .....	301	46.9	11.8	8.4
Secretaries, stenographers, and typists .....	3,020	97.6	9.9	8.2
Secretaries .....	2,302	98.6	8.4	7.9
Stenographers .....	146	95.2	3.1	3.0
Typists .....	571	93.9	17.6	10.9
Information clerks .....	2,053	89.0	11.7	12.3
Interviewers .....	169	82.2	13.4	11.7
Hotel clerks .....	131	70.1	15.2	11.1
Transportation ticket and reservation agents .....	237	72.7	13.2	8.8
Receptionists .....	1,068	97.1	9.2	14.2
Records processing, except financial .....	995	80.5	15.8	10.9
Order clerks .....	289	74.9	20.6	11.2
Personnel clerks, except payroll and timekeeping .....	70	79.1	12.1	16.1
Library clerks .....	130	79.2	10.6	6.2
File clerks .....	288	81.5	14.8	14.2
Records clerks .....	206	87.4	15.0	7.7
Financial records processing .....	2,205	91.8	8.2	8.1
Bookkeepers, accounting, and auditing clerks .....	1,592	92.7	7.1	7.3
Payroll and timekeeping clerks .....	175	91.2	9.8	8.5
Billing clerks .....	229	89.7	14.4	9.7
Cost and rate clerks .....	51	81.2	10.8	12.4
Billing, posting, and calculating machine operators .....	159	89.8	8.1	12.4
Duplicating, mail and other office machine operators .....	58	55.1	19.2	11.5
Communications equipment operators .....	138	83.6	26.2	11.1
Telephone operators .....	119	85.4	25.9	10.3
Mail and message distributing .....	907	39.7	20.8	8.0
Postal clerks, except mail carriers .....	274	49.5	30.7	5.8
Mail carriers, postal service .....	338	29.9	16.0	5.9
Mail clerks, except postal service .....	165	52.5	21.6	12.6
Messengers .....	130	28.1	11.3	12.1
Material recording, scheduling, and distributing clerks .....	1,995	45.9	13.7	14.4
Dispatchers .....	258	55.0	14.6	9.9
Production coordinators .....	230	57.4	9.2	7.3
Traffic, shipping, and receiving clerks .....	623	30.9	13.8	21.0
Stock and inventory clerks .....	463	43.9	14.9	12.0
Weighers, measurers, and checkers and samplers .....	53	51.6	15.5	23.2
Expeditors .....	310	65.7	13.7	13.3
Adjusters and investigators .....	1,929	73.8	16.1	10.3
Insurance adjusters, examiners, and investigators .....	497	71.9	15.8	7.6
Investigators and adjusters, except insurance .....	1,135	74.5	15.0	10.8
Eligibility clerks, social welfare .....	86	87.3	17.0	12.8
Bill and account collectors .....	212	68.5	22.0	13.1
Miscellaneous administrative support .....	3,858	84.2	13.8	11.8
General office clerks .....	842	83.3	14.4	10.8
Bank tellers .....	477	87.3	11.9	11.0
Data-entry keyers .....	595	81.8	16.1	12.5
Statistical clerks .....	97	85.1	11.2	11.1
Teachers' aides .....	813	91.6	13.2	16.3
<b>Service occupations .....</b>	<b>19,219</b>	<b>59.9</b>	<b>17.6</b>	<b>18.1</b>
Private household .....	746	94.7	12.3	34.4
Child care workers .....	229	97.6	7.7	19.6
Cleaners and servants .....	500	93.7	13.6	40.7
<b>Protective service .....</b>	<b>2,596</b>	<b>19.9</b>	<b>19.9</b>	<b>10.7</b>
Supervisors .....	237	13.3	16.4	11.4
Police and detectives .....	126	15.7	17.8	6.9
Guards .....	66	17.7	21.3	17.8
Firefighting and fire prevention .....	262	4.1	9.5	9.0
Firefighting .....	248	3.4	9.6	9.4
Police and detectives .....	1,076	18.3	17.4	11.4
Police and detectives, public service .....	586	15.5	11.9	11.5
Sheriffs, bailiffs, and other law enforcement officers .....	162	19.3	15.5	12.5
Correctional institution officers .....	328	23.0	28.1	10.6
Guards .....	1,022	27.0	26.0	10.3
Guards and police, except public services .....	885	21.9	28.2	10.7
<b>Service occupations, except private household and protective service .....</b>	<b>15,877</b>	<b>64.9</b>	<b>17.5</b>	<b>18.5</b>
Food preparation and service occupations .....	6,614	55.8	11.9	19.8
Supervisors, food preparation and service .....	488	67.0	12.5	10.6
Bartenders .....	341	55.1	3.2	8.5

See footnotes at end of table.

## 11. Employed persons by detailed occupation, sex, race, and Hispanic origin — Continued

(Numbers in thousands)

Occupation	2002			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Waiters and waitresses .....	1,430	74.9	5.8	13.7
Cooks .....	2,264	40.3	16.7	27.1
Food counter, fountain and related occupations .....	398	66.0	12.8	13.1
Kitchen workers, food preparation .....	338	68.5	9.9	15.9
Waiters' and waitresses' assistants .....	696	52.5	8.9	19.7
Miscellaneous food preparation .....	659	50.4	16.6	27.2
Health service occupations .....	2,817	89.2	30.6	12.7
Dental assistants .....	224	98.0	5.7	14.6
Health aides, except nursing .....	350	78.6	23.8	13.3
Nursing aides, orderlies, and attendants .....	2,243	89.9	34.1	12.4
Cleaning and building service occupations .....	3,162	45.7	20.3	26.8
Supervisors .....	183	31.7	27.1	18.1
Maids and housemen .....	709	82.3	21.4	31.0
Janitors and cleaners .....	2,199	36.4	19.6	26.6
Pest control occupations .....	63	1.4	10.6	12.6
Personal service occupations .....	3,284	80.7	14.6	12.9
Supervisors .....	143	69.5	10.2	7.6
Barbers .....	91	23.4	29.0	15.9
Hairdressers and cosmetologists .....	908	89.7	12.4	10.9
Attendants, amusement and recreation facilities .....	267	40.3	9.8	7.2
Public transportation attendants .....	129	80.0	14.2	10.1
Welfare service aides .....	113	82.8	20.7	16.1
Family child care providers .....	457	99.4	15.6	16.9
Early childhood teachers' assistants .....	536	93.8	17.3	16.5
Precision production, craft, and repair .....	14,660	8.2	7.4	17.1
Mechanics and repairers .....	4,760	4.5	8.0	12.1
Supervisors .....	237	7.4	6.7	9.8
Mechanics and repairers, except supervisors .....	4,523	4.4	8.1	12.3
Vehicle and mobile equipment mechanics and repairers .....	1,831	1.3	7.0	13.6
Automobile mechanics .....	867	1.4	7.5	16.2
Bus, truck, and stationary engine mechanics .....	343	.7	7.6	9.7
Aircraft engine mechanics .....	126	2.2	7.3	10.6
Small engine repairers .....	53	.7	3.1	5.5
Automobile body and related repairers .....	212	2.2	5.4	20.3
Heavy equipment mechanics .....	180	.4	7.3	5.6
Industrial machinery repairers .....	460	3.2	6.5	10.4
Electrical and electronic equipment repairers .....	870	12.0	11.2	10.9
Electronic repairers, communications and industrial equipment .....	193	5.8	10.8	14.0
Data processing equipment repairers .....	283	16.7	10.5	8.2
Telephone installers and repairers .....	240	15.9	11.7	10.1
Heating, air conditioning, and refrigeration mechanics .....	357	.6	7.2	13.3
Construction trades .....	6,304	2.4	6.5	20.6
Supervisors .....	963	2.4	5.0	10.0
Construction trades, except supervisors .....	5,341	2.4	6.8	22.5
Brickmasons and stonemasons .....	236	.4	11.2	28.8
Tile setters, hard and soft .....	104	1.2	3.5	42.2
Carpet installers .....	140	3.8	4.7	32.4
Carpenters .....	1,563	1.8	5.6	21.0
Drywall installers .....	187	2.1	3.4	40.6
Electricians .....	862	2.5	7.1	11.0
Electrical power installers and repairers .....	126	3.2	8.2	8.0
Painters, construction and maintenance .....	654	4.9	7.7	31.1
Plumbers, pipefitters, and steamfitters .....	548	1.5	8.0	15.2
Concrete and terrazzo finishers .....	104	1.2	13.7	37.8
Insulation workers .....	60	10.8	7.6	28.6
Roofers .....	235	2.4	5.9	29.1
Structural metalworkers .....	67	1.4	6.6	16.9
Extractive occupations .....	115	1.9	6.5	9.7
Precision production occupations .....	3,481	23.8	8.1	17.7
Supervisors .....	1,056	19.9	9.0	14.7
Precision metalworking .....	826	6.8	5.4	11.8
Tool and die makers .....	99	2.3	1.2	4.2
Machinists .....	470	5.4	5.4	12.1
Precious stones and metals workers .....	52	31.0	3.2	28.1
Sheet-metal workers .....	125	3.0	7.1	12.3
Precision woodworking occupations .....	104	11.4	6.8	20.2
Cabinet makers and bench carpenters .....	74	6.4	5.0	18.3
Precision textile, apparel, and furnishings machine workers .....	189	53.0	4.3	27.7
Dressmakers .....	81	86.7	2.3	17.8

See footnotes at end of table.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**11. Employed persons by detailed occupation, sex, race, and Hispanic origin — Continued**

(Numbers in thousands)

Occupation	2002			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Upholsterers .....	58	20.5	6.4	40.2
Precision workers, assorted materials .....	449	54.0	7.5	18.3
Optical goods workers .....	72	68.0	7.3	10.2
Dental laboratory and medical appliance technicians .....	66	44.5	4.8	12.4
Electrical and electronic equipment assemblers .....	237	63.1	8.8	21.7
Precision food production occupations .....	431	36.6	9.6	37.6
Butchers and meat cutters .....	229	20.8	10.7	40.6
Bakers .....	148	50.3	8.9	33.2
Food batchmakers .....	54	65.9	7.0	36.5
Precision inspectors, testers, and related workers .....	156	23.9	9.2	14.1
Inspectors, testers, and graders .....	149	23.8	9.6	13.7
Plant and system operators .....	271	5.0	13.6	8.5
Water and sewage treatment plant operators .....	77	4.1	15.2	11.5
Stationary engineers .....	114	2.9	14.0	8.2
Operators, fabricators, and laborers .....	17,697	22.7	15.1	19.6
Machine operators, assemblers, and inspectors .....	6,488	35.3	14.9	20.9
Machine operators and tenders, except precision .....	4,065	34.6	15.7	22.4
Metalworking and plastic working machine operators .....	286	17.2	11.0	13.6
Punching and stamping press machine operators .....	69	26.7	13.5	8.0
Grinding, abrading, buffing, and polishing machine operators .....	91	20.5	11.3	21.0
Metal and plastic processing machine operators .....	136	19.5	15.3	17.1
Molding and casting machine operators .....	86	23.8	19.2	15.4
Woodworking machine operators .....	114	12.9	9.9	15.7
Sawing machine operators .....	71	10.2	9.4	16.9
Printing machine operators .....	353	25.2	9.8	15.8
Printing press operators .....	274	18.1	9.7	16.5
Textile, apparel, and furnishings machine operators .....	757	67.6	18.8	34.8
Textile sewing machine operators .....	352	77.2	13.4	41.9
Pressing machine operators .....	81	69.5	28.6	42.0
Laundering and dry cleaning machine operators .....	204	59.3	19.9	29.7
Machine operators, assorted materials .....	2,401	29.5	16.5	21.1
Packaging and filling machine operators .....	268	55.9	18.0	31.0
Mixing and blending machine operators .....	113	11.2	22.3	23.5
Separating, filtering, and clarifying machine operators .....	66	9.9	14.3	6.8
Painting and paint spraying machine operators .....	154	13.9	6.3	27.2
Furnace, kiln, and oven operators, except food .....	50	7.4	22.1	14.2
Slicing and cutting machine operators .....	138	23.5	12.8	26.9
Photographic process machine operators .....	89	60.5	12.3	7.7
Fabricators, assemblers, and hand working occupations .....	1,769	31.7	12.7	18.1
Welders and cutters .....	511	5.1	9.0	16.5
Assemblers .....	1,108	42.2	15.1	18.3
Production inspectors, testers, samplers, and weighers .....	654	49.4	15.7	19.4
Production inspectors, checkers, and examiners .....	472	50.6	16.2	14.0
Production testers .....	54	20.3	12.5	13.1
Graders and sorters, except agricultural .....	124	57.8	15.4	43.0
Transportation and material moving occupations .....	5,814	10.4	16.0	14.2
Motor vehicle operators .....	4,482	12.1	16.2	13.8
Supervisors .....	97	25.5	12.8	12.1
Truck drivers .....	3,234	4.9	13.2	13.9
Drivers-sales workers .....	153	10.5	14.2	10.8
Bus drivers .....	605	48.4	29.0	10.2
Taxicab drivers and chauffeurs .....	332	12.4	22.4	19.7
Parking lot attendants .....	53	14.3	23.3	21.3
Transportation occupations, except motor vehicles .....	169	4.5	9.4	8.1
Rail transportation .....	111	4.1	12.5	9.8
Locomotive operating occupations .....	54	3.5	15.3	15.6
Water transportation .....	58	5.2	3.3	4.7
Material moving equipment operators .....	1,163	4.6	16.2	16.8
Operating engineers .....	265	1.1	9.2	10.4
Crane and tower operators .....	72	.4	13.8	9.3
Excavating and loading machine operators .....	106	1.0	6.5	15.1
Grader, dozer, and scraper operators .....	52	5.2	11.2	6.8
Industrial truck and tractor equipment operators .....	563	7.1	21.3	22.7
Handlers, equipment cleaners, helpers, and laborers .....	5,395	20.9	14.3	23.9
Helpers, construction and extractive occupations .....	123	6.5	8.8	42.3
Helpers, construction trades .....	114	6.5	9.5	43.6
Construction laborers .....	1,089	3.9	9.7	33.3

See footnotes at end of table.

## 11. Employed persons by detailed occupation, sex, race, and Hispanic origin — Continued

(Numbers in thousands)

Occupation	2002			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Production helpers .....	54	23.9	19.6	22.8
Freight, stock, and material handlers .....	1,949	25.4	16.6	15.9
Stock handlers and baggers .....	1,105	33.8	13.2	15.7
Machine feeders and offbearers .....	62	51.0	15.4	15.5
Garage and service station related occupations .....	171	8.8	11.2	17.5
Vehicle washers and equipment cleaners .....	306	10.6	16.4	27.6
Hand packers and packagers .....	397	60.1	15.7	35.4
Laborers, except construction .....	1,267	21.8	14.3	22.6
Farming, forestry, and fishing .....	3,480	20.6	4.9	24.4
Farm operators and managers .....	1,168	24.5	1.2	4.2
Farmers, except horticultural .....	898	25.5	.7	2.5
Horticultural specialty farmers .....	76	13.5	5.0	17.4
Managers, farms, except horticultural .....	169	22.4	.7	6.4
Other agricultural and related occupations .....	2,181	19.2	6.9	36.4
Farm occupations, except managerial .....	779	21.4	4.3	45.6
Farm workers .....	716	21.0	4.7	45.4
Related agricultural occupations .....	1,403	18.1	8.4	31.2
Supervisors .....	188	7.7	5.5	19.1
Groundskeepers and gardeners, except farm .....	973	7.8	10.0	35.4
Animal caretakers, except farm .....	170	68.1	4.3	4.8
Graders and sorters, agricultural products .....	68	67.7	2.8	71.1
Forestry and logging occupations .....	85	7.3	5.8	8.1
Timber cutting and logging occupations .....	54	1.6	7.5	6.0

NOTE: Generally, data for occupations with fewer than 50,000 employed are not published separately but are included in the totals for the appropriate categories shown.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**12. Employed white, black, and Hispanic-origin workers by sex, occupation, class of worker, and full- or part-time status**

(In thousands)

Category	Total		White		Black		Hispanic origin	
	2001	2002	2001	2002	2001	2002	2001	2002
<b>SEX</b>								
Total (all civilian workers) .....	136,933	136,485	114,430	114,013	15,006	14,872	16,190	16,590
Men .....	73,196	72,903	62,212	61,849	6,938	6,959	9,668	9,845
Women .....	63,737	63,582	52,218	52,164	8,068	7,914	6,522	6,744
<b>OCCUPATION</b>								
Managerial and professional specialty .....	42,271	42,482	36,242	36,405	3,393	3,378	2,329	2,461
Executive, administrative, and managerial .....	20,506	20,561	17,880	17,944	1,563	1,553	1,239	1,293
Professional specialty .....	21,765	21,921	18,362	18,460	1,830	1,825	1,091	1,168
Technical, sales, and administrative support .....	39,469	38,947	32,969	32,665	4,385	4,193	3,877	3,828
Technicians and related support .....	4,558	4,509	3,747	3,716	465	437	375	341
Sales occupations .....	16,201	16,254	13,889	14,018	1,429	1,379	1,534	1,559
Administrative support, including clerical .....	18,710	18,184	15,333	14,931	2,491	2,378	1,968	1,928
Service occupations .....	18,656	19,219	14,279	14,643	3,241	3,379	3,278	3,475
Private household .....	733	746	599	617	91	92	241	256
Protective service .....	2,502	2,596	1,931	1,982	482	516	272	278
Service, except private household and protective .....	15,421	15,877	11,749	12,044	2,668	2,771	2,765	2,940
Precision production, craft, and repair .....	15,138	14,660	13,372	12,970	1,133	1,083	2,462	2,503
Mechanics and repairers .....	4,869	4,760	4,325	4,194	366	383	613	578
Construction trades .....	6,391	6,304	5,760	5,700	431	412	1,246	1,299
Other precision production, craft, and repair .....	3,878	3,596	3,286	3,076	336	288	603	626
Operators, fabricators, and laborers .....	18,065	17,697	14,489	14,137	2,695	2,667	3,466	3,472
Machine operators, assemblers, and inspectors .....	6,904	6,488	5,479	5,110	969	967	1,440	1,357
Transportation and material moving occupations .....	5,737	5,814	4,640	4,689	909	928	770	827
Handlers, equipment cleaners, helpers, and laborers .....	5,423	5,395	4,370	4,339	816	772	1,256	1,287
Construction laborers .....	1,059	1,089	925	943	103	105	346	363
Other handlers, equipment cleaners, helpers, and laborers .....	4,365	4,305	3,446	3,395	713	667	910	924
Farming, forestry, and fishing .....	3,335	3,480	3,079	3,193	159	171	777	850
<b>CLASS OF WORKER</b>								
Agriculture:								
Wage and salary workers .....	1,939	2,042	1,813	1,873	79	95	630	687
Self-employed workers .....	1,264	1,266	1,207	1,199	32	36	85	91
Unpaid family workers .....	28	32	27	31	—	—	1	1
Nonagricultural industries:								
Wage and salary workers .....	124,920	124,561	103,616	103,296	14,358	14,194	14,762	15,056
Government .....	19,268	19,608	15,413	15,652	2,896	2,981	1,633	1,687
Private industries .....	105,651	104,953	88,203	87,644	11,462	11,213	13,129	13,369
Private households .....	820	829	660	680	110	108	262	272
Other industries .....	104,832	104,124	87,543	86,964	11,352	11,105	12,868	13,097
Self-employed workers .....	8,677	8,490	7,674	7,531	532	543	701	746
Unpaid family workers .....	106	94	93	82	5	5	12	8
<b>FULL- OR PART-TIME STATUS</b>								
Full-time workers .....	113,573	112,700	94,275	93,521	12,938	12,782	13,983	14,163
Part-time workers .....	23,361	23,785	20,154	20,491	2,067	2,091	2,206	2,427

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.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**13. Employed Mexican, Puerto Rican, and Cuban-origin workers by sex, occupation, class of worker, and full- or part-time status**

(In thousands)

Category	Total Hispanic origin <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	2001	2002	2001	2002	2001	2002	2001	2002
<b>SEX</b>								
Total (all civilian workers) .....	16,190	16,590	10,471	10,673	1,341	1,401	628	592
Men .....	9,668	9,845	6,522	6,588	672	738	369	337
Women .....	6,522	6,744	3,949	4,085	669	662	259	255
<b>OCCUPATION</b>								
Managerial and professional specialty .....	2,329	2,461	1,270	1,280	281	285	140	163
Executive, administrative, and managerial .....	1,239	1,293	711	702	142	134	68	89
Professional specialty .....	1,091	1,168	558	578	139	150	72	74
Technical, sales, and administrative support .....	3,877	3,828	2,309	2,297	433	439	196	180
Technicians and related support .....	375	341	218	197	36	39	22	14
Sales occupations .....	1,534	1,559	913	937	142	153	79	73
Administrative support, including clerical .....	1,968	1,928	1,178	1,163	256	246	95	92
Service occupations .....	3,278	3,475	2,046	2,144	253	284	95	85
Private household .....	241	256	126	133	7	3	3	3
Protective service .....	272	278	158	154	44	51	16	19
Service, except private household and protective .....	2,765	2,940	1,762	1,857	202	229	76	63
Precision production, craft, and repair .....	2,462	2,503	1,725	1,770	147	149	79	78
Mechanics and repairers .....	613	578	395	368	65	58	33	23
Construction trades .....	1,246	1,299	914	960	42	50	31	35
Other precision production, craft, and repair .....	603	626	415	442	40	42	16	20
Operators, fabricators, and laborers .....	3,466	3,472	2,446	2,445	210	223	108	81
Machine operators, assemblers, and inspectors .....	1,440	1,357	1,025	941	99	81	29	24
Transportation and material moving occupations .....	770	827	517	549	52	69	34	27
Handlers, equipment cleaners, helpers, and laborers .....	1,256	1,287	904	954	59	73	45	30
Construction laborers .....	346	363	262	285	11	12	10	7
Other handlers, equipment cleaners, helpers, and laborers .....	910	924	642	670	47	61	35	23
Farming, forestry, and fishing .....	777	850	676	738	17	22	10	5
<b>CLASS OF WORKER</b>								
Agriculture:								
Wage and salary workers .....	630	687	546	610	13	13	9	3
Self-employed workers .....	85	91	63	74	1	2	5	2
Unpaid family workers .....	1	1	1	-	-	1	-	-
Nonagricultural industries:								
Wage and salary workers .....	14,762	15,056	9,423	9,523	1,284	1,348	574	553
Government .....	1,633	1,687	1,036	1,042	193	210	66	66
Private industries .....	13,129	13,369	8,387	8,481	1,091	1,138	509	487
Private households .....	262	272	136	141	9	4	3	3
Other industries .....	12,868	13,097	8,251	8,340	1,082	1,134	506	483
Self-employed workers .....	701	746	431	461	42	37	39	34
Unpaid family workers .....	12	8	7	4	1	1	-	1
<b>FULL- OR PART-TIME STATUS</b>								
Full-time workers .....	13,983	14,163	9,079	9,137	1,155	1,191	551	511
Part-time workers .....	2,206	2,427	1,392	1,536	185	210	77	81

<sup>1</sup> Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**14. Employed persons in nonagricultural industries by age, sex, and race**

(In thousands)

Age, sex, and race	2002									
	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services <sup>1</sup>	Public administration
			Total	Durable goods	Non-durable goods					
<b>Total</b>										
Total, 16 years and over .....	516	9,669	18,147	10,940	7,207	9,680	28,096	9,125	51,727	6,184
16 to 19 years .....	6	281	264	145	119	139	3,487	156	1,740	46
20 years and over .....	510	9,388	17,883	10,795	7,088	9,540	24,609	8,969	49,987	6,138
20 to 24 years .....	31	1,022	1,265	739	526	658	4,371	763	4,600	272
25 years and over .....	479	8,366	16,618	10,055	6,563	8,882	20,238	8,206	45,387	5,866
25 to 54 years .....	414	7,304	14,026	8,460	5,566	7,511	16,730	6,683	37,248	4,880
55 years and over .....	66	1,063	2,592	1,596	997	1,371	3,509	1,523	8,139	987
<b>Men, 16 years and over</b> .....	<b>453</b>	<b>8,772</b>	<b>12,571</b>	<b>8,104</b>	<b>4,467</b>	<b>6,910</b>	<b>14,971</b>	<b>3,890</b>	<b>19,477</b>	<b>3,386</b>
16 to 19 years .....	4	260	200	118	82	98	1,649	51	728	20
20 years and over .....	449	8,512	12,371	7,986	4,385	6,811	13,322	3,839	18,749	3,367
20 to 24 years .....	28	957	889	559	330	439	2,243	254	1,738	142
25 years and over .....	421	7,555	11,482	7,427	4,055	6,372	11,079	3,585	17,011	3,225
25 to 54 years .....	365	6,622	9,672	6,227	3,445	5,350	9,208	2,831	13,690	2,697
55 years and over .....	56	932	1,810	1,200	610	1,023	1,871	754	3,322	527
<b>Women, 16 years and over</b> .....	<b>63</b>	<b>897</b>	<b>5,576</b>	<b>2,836</b>	<b>2,740</b>	<b>2,770</b>	<b>13,125</b>	<b>5,235</b>	<b>32,251</b>	<b>2,798</b>
16 to 19 years .....	2	21	64	27	37	41	1,838	106	1,012	26
20 years and over .....	61	877	5,512	2,809	2,703	2,729	11,287	5,130	31,238	2,771
20 to 24 years .....	3	65	376	180	196	219	2,128	509	2,862	130
25 years and over .....	58	811	5,136	2,629	2,508	2,510	9,159	4,621	28,376	2,642
25 to 54 years .....	49	681	4,354	2,233	2,121	2,162	7,522	3,852	23,558	2,183
55 years and over .....	10	130	782	396	387	348	1,637	769	4,818	459
<b>White</b>										
Men, 16 years and over .....	414	7,954	10,732	6,992	3,739	5,585	12,663	3,351	16,092	2,781
16 to 19 years .....	4	243	179	107	72	77	1,408	41	607	13
20 years and over .....	411	7,712	10,553	6,886	3,667	5,508	11,255	3,311	15,485	2,769
20 to 24 years .....	27	886	753	482	271	346	1,868	210	1,408	120
25 years and over .....	384	6,825	9,800	6,404	3,396	5,162	9,386	3,100	14,077	2,649
25 to 54 years .....	332	5,975	8,214	5,332	2,882	4,283	7,705	2,421	11,202	2,201
55 years and over .....	52	851	1,586	1,072	514	879	1,682	679	2,875	448
Women, 16 years and over .....	59	827	4,536	2,339	2,197	2,122	11,092	4,433	26,203	2,065
16 to 19 years .....	2	19	56	23	33	33	1,581	89	873	16
20 years and over .....	57	807	4,480	2,316	2,164	2,089	9,511	4,344	25,330	2,049
20 to 24 years .....	2	57	305	147	159	171	1,770	406	2,329	97
25 years and over .....	55	750	4,175	2,170	2,006	1,918	7,741	3,939	23,001	1,952
25 to 54 years .....	45	627	3,507	1,825	1,682	1,625	6,254	3,238	18,937	1,570
55 years and over .....	10	123	668	344	324	293	1,487	701	4,064	382
<b>Black</b>										
Men, 16 years and over .....	20	566	1,118	635	484	983	1,406	312	2,007	431
16 to 19 years .....	-	12	13	7	7	18	164	6	84	5
20 years and over .....	20	554	1,105	628	477	964	1,242	305	1,923	426
20 to 24 years .....	1	47	88	51	37	70	251	29	208	16
25 years and over .....	18	507	1,017	577	440	894	991	276	1,716	410
25 to 54 years .....	16	446	881	499	381	785	889	237	1,441	363
55 years and over .....	2	61	136	78	59	109	103	40	275	47
Women, 16 years and over .....	3	43	629	288	342	501	1,284	532	4,316	591
16 to 19 years .....	-	1	6	2	3	7	185	7	89	9
20 years and over .....	3	43	624	286	338	494	1,099	526	4,228	582
20 to 24 years .....	-	4	41	19	22	39	258	76	371	27
25 years and over .....	2	38	583	267	316	455	841	450	3,857	555
25 to 54 years .....	2	34	513	237	276	413	760	408	3,293	492
55 years and over .....	-	4	70	30	40	42	80	42	564	63

<sup>1</sup> Includes private households.



## 15. Employed persons in agriculture and nonagricultural industries by age, sex, and class of worker

(In thousands)

Age and sex	2002									
	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 .....	2,042	1,266	32	124,561	104,953	829	104,124	19,608	8,490	94
16 to 19 years .....	175	25	12	6,058	5,754	88	5,666	304	56	5
16 to 17 years .....	67	17	7	2,217	2,124	46	2,078	93	20	3
18 to 19 years .....	107	8	5	3,841	3,630	43	3,587	211	37	3
20 to 24 years .....	329	37	3	12,747	11,611	96	11,516	1,135	230	5
25 to 34 years .....	486	144	4	28,290	24,600	144	24,457	3,689	1,368	14
35 to 44 years .....	494	266	4	32,114	27,015	184	26,831	5,099	2,335	22
45 to 54 years .....	323	306	2	28,203	22,194	163	22,031	6,009	2,422	25
55 to 64 years .....	158	265	3	13,765	10,932	100	10,832	2,833	1,471	12
65 years and over .....	77	223	4	3,385	2,846	54	2,792	539	607	10
Men, 16 years and over .....	1,512	944	18	65,277	56,842	73	56,769	8,435	5,124	29
16 to 19 years .....	129	22	8	2,970	2,832	13	2,819	139	35	4
16 to 17 years .....	52	15	4	1,045	1,003	7	996	42	11	2
18 to 19 years .....	78	7	4	1,926	1,828	5	1,823	97	24	2
20 to 24 years .....	253	31	2	6,546	6,061	7	6,054	485	142	3
25 to 34 years .....	366	114	2	15,320	13,732	11	13,721	1,588	766	6
35 to 44 years .....	366	198	1	17,000	14,815	14	14,802	2,185	1,364	3
45 to 54 years .....	221	221	1	14,464	11,905	17	11,888	2,560	1,506	5
55 to 64 years .....	121	188	1	7,151	5,927	12	5,915	1,224	912	5
65 years and over .....	56	169	2	1,825	1,571	1	1,569	254	400	3
Women, 16 years and over .....	530	323	14	59,285	48,111	756	47,356	11,173	3,366	65
16 to 19 years .....	45	3	4	3,088	2,922	76	2,847	165	21	2
16 to 17 years .....	15	1	2	1,172	1,121	38	1,082	52	8	1
18 to 19 years .....	30	1	1	1,916	1,802	37	1,764	114	13	1
20 to 24 years .....	76	5	1	6,200	5,550	89	5,461	650	88	2
25 to 34 years .....	120	30	2	12,970	10,869	133	10,736	2,101	602	8
35 to 44 years .....	128	68	3	15,114	12,200	170	12,030	2,914	971	19
45 to 54 years .....	103	85	1	13,739	10,289	146	10,143	3,450	916	20
55 to 64 years .....	37	77	1	6,614	5,005	88	4,917	1,609	560	7
65 years and over .....	21	54	2	1,560	1,275	53	1,223	285	207	6

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**16. Employed persons in nonagricultural industries by sex and class of worker**

(In thousands)

Industry and sex	2002					Unpaid family workers
	Total employed	Wage and salary workers			Self-employed workers	
		Total	Private industries	Government		
<b>TOTAL</b>						
Mining .....	516	503	502	1	13	-
Construction .....	9,669	8,170	7,664	506	1,483	15
Manufacturing .....	18,147	17,801	17,727	75	343	3
Durable goods .....	10,940	10,732	10,681	51	206	2
Nondurable goods .....	7,207	7,069	7,046	23	137	1
Transportation and public utilities .....	9,680	9,241	7,621	1,620	436	3
Wholesale and retail trade .....	28,096	26,636	26,505	131	1,436	24
Wholesale trade .....	5,082	4,838	4,821	17	241	4
Retail trade .....	23,014	21,798	21,684	114	1,195	21
Finance, insurance, and real estate .....	9,125	8,468	8,283	185	649	7
Services .....	51,727	47,557	36,650	10,907	4,129	41
Private households .....	844	829	829	-	15	-
Other service industries .....	50,883	46,728	35,821	10,907	4,114	41
Business, automobile, and repair .....	9,447	8,192	8,102	90	1,235	20
Personal, except private households .....	3,715	2,997	2,975	21	715	3
Entertainment and recreation .....	2,767	2,488	2,159	329	278	2
Professional .....	34,815	32,954	22,535	10,419	1,844	16
Hospitals .....	5,340	5,335	4,654	681	5	-
Health services, except hospitals .....	7,313	6,924	6,446	477	381	8
Educational .....	11,703	11,566	3,037	8,529	137	-
Social services .....	3,589	3,082	2,525	558	503	4
Other .....	6,869	6,047	5,873	174	818	4
Forestry and fisheries .....	139	97	49	48	42	-
Public administration .....	6,184	6,184	1	6,183	-	-
<b>Men</b>						
Mining .....	453	442	441	1	11	-
Construction .....	8,772	7,379	6,911	468	1,387	5
Manufacturing .....	12,571	12,343	12,293	51	227	1
Durable goods .....	8,104	7,946	7,911	36	157	1
Nondurable goods .....	4,467	4,397	4,382	15	70	-
Transportation and public utilities .....	6,910	6,533	5,420	1,113	376	1
Wholesale and retail trade .....	14,971	14,174	14,116	58	786	12
Wholesale trade .....	3,558	3,374	3,361	13	183	2
Retail trade .....	11,413	10,800	10,755	45	603	10
Finance, insurance, and real estate .....	3,890	3,488	3,409	79	399	3
Services .....	19,477	17,531	14,252	3,279	1,939	7
Private households .....	79	73	73	-	6	-
Other service industries .....	19,397	17,458	14,179	3,279	1,932	7
Business, automobile, and repair .....	6,005	5,219	5,168	51	783	3
Personal, except private households .....	1,283	1,080	1,072	8	203	-
Entertainment and recreation .....	1,592	1,426	1,239	187	166	-
Professional .....	10,405	9,657	6,659	2,998	745	3
Hospitals .....	1,204	1,203	996	207	1	-
Health services, except hospitals .....	1,480	1,296	1,193	103	183	-
Educational .....	3,505	3,464	1,013	2,451	41	-
Social services .....	635	619	485	134	14	3
Other .....	3,581	3,075	2,972	104	505	-
Forestry and fisheries .....	112	76	41	35	36	-
Public administration .....	3,386	3,386	-	3,386	-	-
<b>Women</b>						
Mining .....	63	61	61	-	2	-
Construction .....	897	791	754	38	96	10
Manufacturing .....	5,576	5,458	5,434	24	116	2
Durable goods .....	2,836	2,786	2,770	15	49	2
Nondurable goods .....	2,740	2,672	2,664	8	68	1
Transportation and public utilities .....	2,770	2,708	2,201	507	60	2
Wholesale and retail trade .....	13,125	12,462	12,390	73	650	12
Wholesale trade .....	1,524	1,464	1,461	4	58	1
Retail trade .....	11,601	10,998	10,929	69	592	11
Finance, insurance, and real estate .....	5,235	4,981	4,874	106	250	5
Services .....	32,251	30,026	22,397	7,629	2,191	34
Private households .....	765	756	756	-	9	-
Other service industries .....	31,486	29,270	21,641	7,629	2,182	34
Business, automobile, and repair .....	3,442	2,973	2,934	39	453	17
Personal, except private households .....	2,432	1,917	1,903	14	512	3
Entertainment and recreation .....	1,176	1,062	920	142	112	2
Professional .....	24,410	23,297	15,876	7,421	1,100	13
Hospitals .....	4,136	4,132	3,658	474	4	-
Health services, except hospitals .....	5,833	5,627	5,253	374	198	8
Educational .....	8,198	8,102	2,023	6,079	96	-
Social services .....	2,954	2,464	2,040	423	489	1
Other .....	3,289	2,971	2,901	70	313	4
Forestry and fisheries .....	26	21	8	13	5	-
Public administration .....	2,798	2,798	1	2,797	-	-

## 17. Employed persons by industry, sex, race, and occupation

(In thousands)

Industry, sex, and race	2002												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service		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	
<b>TOTAL</b>													
Agriculture .....	3,340	103	99	61	23	138	—	19	43	9	51	19	2,774
Mining .....	516	84	52	14	7	39	—	4	176	22	95	23	—
Construction .....	9,669	1,350	158	53	76	440	—	35	5,680	102	576	1,172	27
Manufacturing .....	18,147	2,876	1,844	581	762	1,647	—	224	3,386	5,143	651	971	64
Durable goods .....	10,940	1,701	1,163	393	338	929	—	118	2,390	3,035	341	475	57
Nondurable goods .....	7,207	1,175	681	189	423	718	—	106	995	2,108	309	496	6
Transportation and public utilities .....	9,680	1,361	588	372	316	2,227	—	323	1,323	114	2,495	546	14
Wholesale and retail trade .....	28,096	2,647	661	260	11,468	2,227	—	5,675	1,476	323	1,229	2,021	109
Wholesale trade .....	5,082	606	145	46	2,028	740	—	61	302	119	563	404	67
Retail trade .....	23,014	2,041	516	214	9,439	1,487	—	5,614	1,175	204	666	1,617	42
Finance, insurance, and real estate .....	9,125	2,854	377	194	2,358	2,754	—	295	186	14	13	31	48
Services .....	51,727	7,810	17,111	2,739	1,224	7,430	746	10,100	2,188	735	652	585	407
Private households .....	844	10	8	1	—	8	746	37	4	1	6	11	14
Other service industries .....	50,883	7,800	17,104	2,738	1,224	7,422	—	10,063	2,184	734	646	574	393
Professional services .....	34,815	4,834	14,742	2,310	237	5,550	—	5,965	471	162	357	101	85
Public administration .....	6,184	1,475	1,031	234	19	1,283	—	1,799	202	25	52	27	37
<b>Men</b>													
Agriculture .....	2,473	66	65	13	15	10	—	10	40	7	50	16	2,180
Mining .....	453	63	45	11	7	14	—	4	174	21	92	22	—
Construction .....	8,772	1,091	130	43	61	48	—	23	5,562	97	566	1,126	25
Manufacturing .....	12,571	1,942	1,409	445	502	538	—	164	2,864	3,359	613	674	60
Durable goods .....	8,104	1,192	983	318	256	315	—	87	2,051	2,159	327	359	56
Nondurable goods .....	4,467	750	427	127	246	223	—	77	813	1,200	286	315	5
Transportation and public utilities .....	6,910	825	434	299	180	930	—	160	1,236	97	2,256	479	13
Wholesale and retail trade .....	14,971	1,464	311	89	5,687	604	—	2,737	1,263	182	1,137	1,442	57
Wholesale trade .....	3,558	361	96	36	1,561	218	—	47	280	79	538	311	31
Retail trade .....	11,413	1,103	215	53	4,126	386	—	2,691	982	103	598	1,131	25
Finance, insurance, and real estate .....	3,890	1,376	195	96	1,283	483	—	200	172	5	13	26	41
Services .....	19,477	3,573	6,793	939	542	1,022	40	2,950	1,959	412	438	456	353
Private households .....	79	6	1	—	—	—	40	5	1	—	4	10	12
Other service industries .....	19,397	3,566	6,792	938	542	1,022	—	2,946	1,958	412	434	446	341
Professional services .....	10,405	1,861	5,318	611	85	564	—	1,211	378	70	169	68	69
Public administration .....	3,386	715	540	134	8	266	—	1,413	188	17	47	24	34
<b>Women</b>													
Agriculture .....	867	36	34	48	9	128	—	9	2	2	1	3	594
Mining .....	63	21	7	3	—	25	—	—	2	1	3	—	—
Construction .....	897	260	28	10	15	392	—	12	118	5	9	47	2
Manufacturing .....	5,576	934	434	136	259	1,109	—	60	521	1,785	38	297	3
Durable goods .....	2,836	509	180	74	82	613	—	31	339	876	14	116	1
Nondurable goods .....	2,740	425	255	62	177	495	—	29	182	908	24	180	2
Transportation and public utilities .....	2,770	536	154	73	136	1,297	—	164	87	16	240	66	—
Wholesale and retail trade .....	13,125	1,184	350	172	5,780	1,623	—	2,938	214	141	92	579	52
Wholesale trade .....	1,524	246	49	11	467	522	—	14	21	41	24	93	36
Retail trade .....	11,601	938	301	161	5,313	1,101	—	2,923	192	101	68	486	16
Finance, insurance, and real estate .....	5,235	1,478	183	98	1,075	2,271	—	95	14	9	1	5	7
Services .....	32,251	4,237	10,318	1,800	682	6,408	706	7,149	229	323	214	129	54
Private households .....	765	4	7	1	—	8	706	32	2	—	2	1	3
Other service industries .....	31,486	4,234	10,311	1,799	682	6,401	—	7,117	227	322	213	128	51
Professional services .....	24,410	2,973	9,424	1,699	152	4,986	—	4,755	93	92	188	33	16
Public administration .....	2,798	760	491	101	11	1,017	—	385	14	9	5	3	3

See footnotes at end of table.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**17. Employed persons by industry, sex, race, and occupation — Continued**

(In thousands)

Industry, sex, and race	2002												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service		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	
<b>White</b>													
Agriculture .....	3,104	96	95	58	21	132	—	16	41	8	48	17	2,570
Mining .....	474	80	45	13	7	36	—	3	164	18	88	20	—
Construction .....	8,781	1,288	136	47	71	401	—	30	5,176	87	505	1,012	26
Manufacturing .....	15,268	2,610	1,567	477	711	1,449	—	183	2,914	4,018	515	768	56
Durable goods .....	9,332	1,563	991	323	318	824	—	99	2,060	2,425	277	398	51
Nondurable goods .....	5,936	1,046	576	154	394	625	—	83	854	1,593	238	370	5
Transportation and public utilities .....	7,706	1,177	483	322	256	1,689	—	231	1,130	93	1,940	376	10
Wholesale and retail trade .....	23,754	2,273	563	217	9,783	1,907	—	4,667	1,307	276	1,024	1,640	98
Wholesale trade .....	4,479	550	123	38	1,864	645	—	45	269	101	458	327	60
Retail trade .....	19,275	1,722	440	179	7,919	1,263	—	4,622	1,039	175	566	1,313	38
Finance, insurance, and real estate .....	7,785	2,470	309	157	2,130	2,244	—	239	150	11	9	22	44
Services .....	42,295	6,768	14,448	2,238	1,026	6,121	617	7,238	1,916	581	522	463	357
Private households .....	695	9	7	1	—	7	617	20	3	1	6	10	13
Other service industries .....	41,600	6,758	14,440	2,237	1,026	6,115	—	7,218	1,913	580	516	453	343
Professional services .....	28,479	4,164	12,479	1,912	207	4,584	—	4,161	404	129	278	86	73
Public administration .....	4,846	1,183	814	187	12	952	—	1,420	171	18	37	21	31
<b>Black</b>													
Agriculture .....	131	3	1	2	2	2	—	1	—	1	2	1	117
Mining .....	22	2	—	—	—	2	—	1	9	2	5	2	—
Construction .....	610	35	8	2	4	26	—	3	347	12	57	114	1
Manufacturing .....	1,748	113	71	41	25	136	—	35	276	793	118	134	7
Durable goods .....	922	52	32	23	8	72	—	17	183	425	57	48	5
Nondurable goods .....	825	61	38	19	17	64	—	18	93	368	61	86	1
Transportation and public utilities .....	1,484	111	54	31	41	413	—	70	141	16	461	144	2
Wholesale and retail trade .....	2,690	201	47	23	1,036	222	—	604	93	25	159	276	5
Wholesale trade .....	364	25	10	6	80	57	—	11	19	9	87	56	3
Retail trade .....	2,326	176	38	16	956	165	—	593	73	16	72	220	2
Finance, insurance, and real estate .....	844	230	26	15	133	352	—	46	28	3	2	8	2
Services .....	6,324	645	1,472	297	134	954	92	2,215	169	110	114	91	32
Private households .....	108	—	—	—	—	1	92	14	—	—	—	1	1
Other service industries .....	6,215	645	1,472	297	134	953	—	2,201	168	110	114	90	31
Professional services .....	4,400	439	1,310	265	20	712	—	1,482	50	29	73	11	8
Public administration .....	1,021	213	147	28	4	270	—	312	20	7	11	4	6

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

## 18. Employed persons by detailed industry, sex, race, and Hispanic origin

(Numbers in thousands)

Industry	2002			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Total, 16 years and over .....	136,485	46.6	10.9	12.2
Agriculture .....	3,340	26.0	3.9	23.3
Agricultural production, crops .....	903	25.9	3.4	29.1
Agricultural production, livestock .....	992	27.0	1.4	10.5
Veterinary services .....	212	74.8	3.6	2.3
Landscape and horticultural services .....	1,012	10.8	7.5	32.5
Mining .....	516	12.2	4.3	8.9
Coal mining .....	87	2.9	1.9	1.6
Oil and gas extraction .....	308	14.9	4.6	12.2
Nonmetallic mining and quarrying, except fuel .....	78	13.2	6.3	3.9
Construction .....	9,669	9.3	6.3	18.8
Manufacturing .....	18,147	30.7	9.6	13.3
Durable goods .....	10,940	25.9	8.4	11.4
Lumber and wood products, except furniture .....	708	15.2	10.8	10.6
Logging .....	98	5.7	14.1	3.8
Sawmills, planing mills, and millwork .....	398	16.1	10.1	10.9
Wood buildings and mobile homes .....	75	21.8	12.7	15.3
Miscellaneous wood products .....	138	15.5	9.3	12.1
Furniture and fixtures .....	617	29.2	7.2	21.0
Stone, clay, glass, and concrete products .....	569	19.1	8.1	14.7
Glass and glass products .....	162	22.1	7.7	14.5
Cement, concrete, gypsum, and plaster products .....	213	9.5	8.1	17.5
Structural clay, pottery, and related products .....	72	39.2	11.2	6.8
Miscellaneous nonmetallic mineral and stone products .....	122	19.9	6.7	14.9
Metal industries .....	1,884	22.1	9.4	12.7
Primary metal industries .....	667	17.5	11.7	11.0
Blast furnaces, steelworks, rolling, and finishing mills .....	285	14.3	10.9	8.5
Iron and steel foundries .....	80	15.1	18.3	15.9
Primary aluminum industries .....	134	18.3	11.8	10.5
Other primary metal industries .....	167	23.5	9.8	13.3
Fabricated metal industries .....	1,217	24.6	8.1	13.6
Cutlery, hand tools, and general hardware .....	126	36.1	8.6	9.6
Fabricated structural metal products .....	541	17.5	8.1	13.4
Screw machine products .....	62	22.8	7.8	20.3
Metal forging and stampings .....	102	26.2	4.9	12.2
Machinery and computing equipment .....	2,053	22.6	6.3	8.6
Engines and turbines .....	69	18.1	9.8	4.5
Farm machinery and equipment .....	95	23.4	3.8	10.4
Construction and material handling machines .....	198	14.2	4.2	6.8
Metal working machinery .....	223	20.5	3.6	6.8
Computers and related equipment .....	395	31.7	5.4	7.9
Electrical machinery, equipment, and supplies .....	1,566	35.8	7.2	10.8
Household appliances .....	105	38.7	13.6	9.7
Radio, T.V., and communication equipment .....	335	35.6	6.1	9.5
Transportation equipment .....	2,145	22.6	11.5	8.0
Motor vehicles and motor vehicle equipment .....	1,226	24.1	13.3	7.0
Aircraft and parts .....	413	20.3	8.1	11.2
Ship and boat building and repairing .....	159	13.0	22.1	9.8
Guided missiles, space vehicles, and parts .....	243	26.2	4.3	8.6
Professional and photographic equipment, and watches .....	675	35.1	6.0	11.9
Scientific and controlling instruments .....	209	25.4	4.7	9.5
Medical, dental, and optical instruments and supplies .....	383	41.8	6.7	13.9
Photographic equipment and supplies .....	76	27.9	6.7	5.5
Toys, amusements, and sporting goods .....	145	39.0	2.9	16.3
Miscellaneous and not specified manufacturing industries .....	576	38.4	8.0	17.4
Nondurable goods .....	7,207	38.0	11.5	16.2
Food and kindred products .....	1,644	33.6	13.4	27.2
Meat products .....	459	34.1	17.6	42.1
Dairy products .....	136	25.6	7.4	14.2
Canned, frozen, and preserved fruits and vegetables .....	167	42.7	7.8	31.8
Grain mill products .....	151	27.0	8.7	7.3
Bakery products .....	200	34.1	19.4	23.6
Sugar and confectionary products .....	121	48.2	13.2	33.5
Beverage industries .....	206	23.9	12.5	14.8

See footnotes at end of table.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**18. Employed persons by detailed industry, sex, race, and Hispanic origin — Continued**

(Numbers in thousands)

Industry	2002			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Miscellaneous and not specified food and kindred products .....	204	35.9	11.6	25.2
Textile mill products .....	442	45.5	19.9	15.9
Knitting mills .....	54	64.5	28.7	17.3
Carpets and rugs .....	93	37.6	8.2	31.9
Yarn, thread, and fabric mills .....	223	45.6	21.6	10.1
Apparel and other finished textile products .....	561	61.3	12.4	33.5
Apparel and accessories, except knit .....	420	62.0	11.8	36.9
Miscellaneous fabricated textile products .....	140	59.0	14.0	23.2
Paper and allied products .....	591	25.7	11.5	10.6
Pulp, paper, and paperboard mills .....	240	21.3	8.1	6.6
Miscellaneous paper and pulp products .....	162	32.0	12.7	10.0
Paperboard containers and boxes .....	189	25.9	14.8	16.1
Printing, publishing, and allied products .....	1,704	41.9	6.8	8.7
Newspaper publishing and printing .....	502	43.5	8.5	6.9
Printing, publishing, and allied industries, except newspapers .....	1,202	41.3	6.1	9.4
Chemicals and allied products .....	1,257	34.7	10.9	9.8
Plastics, synthetics, and resins .....	145	26.8	9.8	13.6
Drugs .....	437	44.7	12.3	6.7
Soaps and cosmetics .....	156	48.2	11.7	21.3
Paints, varnishes, and related products .....	58	23.1	9.1	9.9
Industrial and miscellaneous chemicals .....	424	24.6	10.3	7.0
Petroleum and coal products .....	164	20.4	11.8	8.9
Petroleum refining .....	135	19.6	12.0	10.2
Rubber and miscellaneous plastics products .....	734	35.3	11.9	13.6
Tires and inner tubes .....	96	18.5	20.0	5.8
Other rubber products, and plastics footwear and belting .....	118	38.9	15.6	11.0
Miscellaneous plastics products .....	521	37.6	9.6	15.7
Leather and leather products .....	64	49.3	4.5	25.7
Transportation, communications, and other public utilities .....	9,680	28.6	15.3	10.1
Transportation .....	6,245	26.3	16.8	11.3
Railroads .....	263	12.0	14.5	9.6
Bus service and urban transit .....	721	33.4	28.1	11.7
Taxicab service .....	150	11.4	23.6	21.1
Trucking service .....	2,570	15.1	13.8	11.7
Warehousing and storage .....	214	26.5	19.6	21.2
U.S. Postal Service .....	869	37.2	23.1	6.4
Water transportation .....	217	22.2	9.9	11.7
Air transportation .....	845	37.3	13.8	10.4
Services incidental to transportation .....	386	57.3	9.6	12.7
Communications .....	1,967	40.8	13.7	8.9
Radio and television broadcasting and cable .....	489	36.6	11.2	10.4
Telephone communications .....	1,446	42.4	14.8	8.5
Utilities and sanitary services .....	1,468	22.2	11.2	6.3
Electric light and power .....	639	23.8	9.6	3.6
Gas and steam supply systems .....	118	24.9	5.3	9.1
Electric and gas, and other combinations .....	124	26.2	16.3	6.4
Water supply and irrigation .....	243	24.7	12.6	7.1
Sanitary services .....	339	15.0	13.7	9.7
Wholesale and retail trade .....	28,096	46.7	9.6	13.9
Wholesale trade .....	5,082	30.0	7.2	12.7
Durable goods .....	2,651	27.5	5.8	9.7
Motor vehicles and equipment .....	263	24.6	5.7	12.9
Furniture and home furnishings .....	117	28.9	7.7	12.9
Lumber and construction materials .....	192	20.4	7.5	13.2
Professional and commercial equipment and supplies .....	473	35.6	6.0	6.7
Metals and minerals, except petroleum .....	84	21.4	7.5	10.2
Electrical goods .....	288	32.1	8.4	8.5
Hardware, plumbing and heating supplies .....	308	20.4	3.5	5.9
Machinery, equipment, and supplies .....	601	24.6	4.3	8.0
Scrap and waste materials .....	157	17.3	7.4	19.2
Miscellaneous wholesale trade, durable goods .....	168	44.6	4.2	12.4
Nondurable goods .....	2,431	32.7	8.7	16.0
Paper and paper products .....	151	39.2	13.8	11.2
Drugs, chemicals, and allied products .....	290	42.5	9.6	12.0
Apparel, fabrics, and notions .....	122	50.0	10.2	18.6
Groceries and related products .....	987	25.5	10.2	21.6
Farm products-raw materials .....	89	29.2	4.3	5.4
Petroleum products .....	133	35.6	9.1	9.9

See footnotes at end of table.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**18. Employed persons by detailed industry, sex, race, and Hispanic origin — Continued**

(Numbers in thousands)

Industry	2002			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Alcoholic beverages .....	146	14.8	9.1	12.3
Farm supplies .....	144	28.4	2.4	11.2
Miscellaneous nondurable goods and not specified wholesale trade .....	371	44.1	4.5	13.2
<b>Retail trade .....</b>	<b>23,014</b>	<b>50.4</b>	<b>10.1</b>	<b>14.2</b>
Lumber and building material retailing .....	699	25.9	7.4	11.0
Hardware stores .....	213	30.2	5.4	11.2
Retail nurseries and garden stores .....	135	47.4	1.4	15.1
Department stores .....	2,209	63.3	14.6	11.9
Variety stores .....	163	66.4	15.7	16.4
Miscellaneous general merchandise stores .....	201	58.6	13.0	11.9
Grocery stores .....	2,947	53.0	10.9	13.4
Retail bakeries .....	204	59.4	9.3	19.1
Motor vehicle dealers .....	1,329	20.1	7.2	12.3
Auto and home supply stores .....	470	17.9	6.3	15.7
Gasoline service stations .....	347	40.9	11.3	8.9
Miscellaneous vehicle dealers .....	142	27.1	3.5	7.7
Apparel and accessory stores, except shoe .....	833	74.8	12.7	14.4
Shoe stores .....	146	53.2	15.5	16.2
Furniture and home furnishings stores .....	679	38.2	7.0	14.0
Household appliance stores .....	73	36.4	5.0	10.9
Radio, TV, and computer stores .....	565	30.0	9.1	8.6
Music stores .....	131	39.3	6.7	13.2
Eating and drinking places .....	7,245	51.7	11.2	18.4
Drug stores .....	683	67.3	10.2	12.1
Liquor stores .....	138	34.5	7.6	9.5
Sporting goods, bicycles, and hobby stores .....	460	42.9	5.0	9.6
Book and stationery stores .....	304	52.9	7.1	4.4
Jewelry stores .....	192	65.3	3.7	17.3
Gift, novelty, and souvenir shops .....	220	78.6	3.8	11.0
Sewing, needlework, and piece goods stores .....	58	75.4	6.2	8.0
Catalog and mail order houses .....	177	62.4	9.4	7.6
Vending machine operators .....	92	34.5	14.2	6.9
Direct selling establishments .....	291	73.7	9.5	12.0
Fuel dealers .....	113	24.3	2.2	4.8
Retail florists .....	161	75.0	5.4	12.8
<b>Finance, insurance, and real estate .....</b>	<b>9,125</b>	<b>57.4</b>	<b>9.2</b>	<b>8.2</b>
Banking .....	1,958	68.3	12.6	8.7
Savings institutions, including credit unions .....	296	75.3	6.5	9.1
Security, commodity brokerage, and investment companies .....	1,058	36.0	5.3	4.8
Insurance .....	2,500	62.1	9.6	6.3
Real estate, including real estate-insurance offices .....	2,447	50.8	7.8	11.4
<b>Services .....</b>	<b>51,727</b>	<b>62.3</b>	<b>12.2</b>	<b>10.4</b>
Private households .....	844	90.6	12.8	32.4
Other service industries .....	50,883	61.9	12.2	10.0
Business, automobile, and repair services .....	9,447	36.4	11.6	13.9
Advertising .....	272	46.8	5.3	7.3
Services to dwellings and other buildings .....	980	53.6	15.5	30.8
Personnel supply services .....	983	58.7	19.7	15.5
Computer and data processing services .....	2,094	29.9	6.4	5.5
Detective and protective services .....	729	25.2	27.9	11.3
Automotive rental and leasing, without drivers .....	168	28.5	16.7	14.0
Automobile parking and carwashes .....	207	22.0	21.2	25.1
Automotive repair and related services .....	1,232	9.8	6.7	16.6
Electrical repair shops .....	93	12.3	9.3	11.2
<b>Personal services, except private household .....</b>	<b>3,715</b>	<b>65.5</b>	<b>13.0</b>	<b>16.4</b>
Hotels and motels .....	1,409	57.5	16.3	22.4
Lodging places, except hotels and motels .....	125	51.6	5.5	3.7
Laundry, cleaning, and garment services .....	452	55.4	13.5	26.6
Beauty shops .....	1,026	88.8	11.9	10.4
Barber shops .....	97	28.3	26.2	18.6
Funeral service and crematories .....	108	35.6	8.7	5.1
<b>Entertainment and recreation services .....</b>	<b>2,767</b>	<b>42.5</b>	<b>8.5</b>	<b>11.0</b>
Theaters and motion pictures .....	701	35.3	8.4	8.9
Video tape rental .....	96	51.4	2.8	9.9

See footnotes at end of table.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**18. Employed persons by detailed industry, sex, race, and Hispanic origin — Continued**

(Numbers in thousands)

Industry	2002			
	Total employed	Percent of total:		
		Women	Black	Hispanic origin
Professional and related services .....	34,815	70.1	12.6	8.2
Hospitals .....	5,340	77.4	16.7	8.0
Health services, except hospitals .....	7,313	79.8	15.1	8.8
Offices and clinics of physicians .....	1,907	77.7	6.2	9.5
Offices and clinics of dentists .....	740	79.4	3.6	8.6
Offices and clinics of chiropractors .....	138	61.9	2.3	6.2
Offices and clinics of optometrists .....	64	64.7	5.5	3.9
Nursing and personal care facilities .....	1,942	85.6	28.2	7.4
Educational services .....	11,703	70.1	10.9	8.1
Elementary and secondary schools .....	8,067	76.2	11.6	8.8
Colleges and universities .....	3,035	53.9	9.6	6.9
Vocational schools .....	85	46.3	11.1	2.0
Libraries .....	180	80.9	9.3	3.2
Social services .....	3,589	82.3	19.6	11.7
Job training and vocational rehabilitation services .....	212	57.2	19.6	7.1
Child day care services .....	1,091	94.4	19.0	13.3
Family child care homes .....	465	99.0	15.6	16.6
Residential care facilities, without nursing .....	542	69.3	23.9	8.4
Other professional services .....	6,869	47.9	6.2	6.3
Legal services .....	1,425	55.5	5.7	7.2
Museums, art galleries, and zoos .....	119	65.4	10.8	7.5
Labor unions .....	80	44.2	9.6	17.1
Religious organizations .....	1,015	48.1	9.0	5.8
Engineering, architectural, and surveying services .....	1,003	22.2	3.8	6.4
Accounting, auditing, and bookkeeping services .....	772	61.5	5.1	8.2
Research, development, and testing services .....	694	46.4	6.9	6.9
Management and public relations services .....	1,112	44.8	6.1	3.4
Forestry and fisheries .....	139	19.0	1.9	7.5
Forestry .....	75	24.4	.8	12.5
Fishing, hunting, and trapping .....	64	12.7	3.1	1.6
Public administration .....	6,184	45.2	16.5	8.3
Executive and legislative offices .....	159	60.2	8.8	6.4
Justice, public order, and safety .....	2,534	33.9	16.4	9.6
Public finance, taxation, and monetary policy .....	399	61.0	17.1	8.7
Administration of human resources programs .....	858	70.3	19.6	7.6
Administration of environmental quality and housing programs .....	256	42.7	12.0	3.1
Administration of economic programs .....	631	44.5	14.0	6.8
National security and international affairs .....	539	38.2	18.8	7.1

NOTE: Generally, data for industries with fewer than 50,000 employed are not published separately but are included in the totals for the appropriate categories shown.



## 19. Persons at work in agriculture and nonagricultural industries by hours of work

Hours of work	2002					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	131,091	3,192	127,899	100.0	100.0	100.0
1 to 34 hours .....	31,174	907	30,267	23.8	28.4	23.7
1 to 4 hours .....	1,336	69	1,267	1.0	2.1	1.0
5 to 14 hours .....	4,870	211	4,659	3.7	6.6	3.6
15 to 29 hours .....	15,510	408	15,101	11.8	12.8	11.8
30 to 34 hours .....	9,459	219	9,239	7.2	6.9	7.2
35 hours and over .....	99,917	2,285	97,632	76.2	71.6	76.3
35 to 39 hours .....	8,940	177	8,763	6.8	5.5	6.9
40 hours .....	53,580	949	52,631	40.9	29.7	41.2
41 hours and over .....	37,396	1,159	36,238	28.5	36.3	28.3
41 to 48 hours .....	13,415	226	13,189	10.2	7.1	10.3
49 to 59 hours .....	14,053	357	13,695	10.7	11.2	10.7
60 hours and over .....	9,929	575	9,354	7.6	18.0	7.3
Average hours, total at work .....	39.2	41.1	39.1	—	—	—
Average hours, persons who usually work full time .....	42.9	46.8	42.8	—	—	—

Note: Detail on persons at work in tables 19-23 may not sum to the totals shown because of minor editing problems associated with the redesigned survey.

## 20. 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	2002					
	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 .....	31,174	9,746	21,429	30,267	9,453	20,814
Economic reasons .....	4,213	1,627	2,586	4,035	1,535	2,500
Slack work or business conditions .....	2,788	1,380	1,408	2,671	1,314	1,358
Could only find part-time work .....	1,124	—	1,124	1,100	—	1,100
Seasonal work .....	165	112	54	132	89	42
Job started or ended during week .....	135	135	—	132	132	—
Noneconomic reasons .....	26,961	8,119	18,843	26,232	7,918	18,314
Child-care problems .....	777	80	697	765	79	686
Other family or personal obligations .....	5,766	756	5,010	5,621	739	4,882
Health or medical limitations .....	746	—	746	716	—	716
In school or training .....	6,177	88	6,089	6,051	85	5,966
Retired or Social Security limit on earnings .....	1,911	—	1,911	1,809	—	1,809
Vacation or personal day .....	3,452	3,452	—	3,388	3,388	—
Holiday, legal or religious .....	597	597	—	590	590	—
Weather-related curtailment .....	514	514	—	465	465	—
All other reasons .....	7,022	2,632	4,390	6,828	2,572	4,256
Average hours:						
Economic reasons .....	23.0	24.1	22.3	23.1	24.2	22.4
Noneconomic reasons .....	21.4	25.2	19.7	21.4	25.2	19.8

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**21. 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	2002							
	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 .....	127,899	30,267	4,035	7,918	18,314	97,632	39.1	42.8
Wage and salary workers .....	119,834	27,641	3,623	7,385	16,634	92,193	39.1	42.7
Mining .....	483	37	4	23	9	446	48.1	48.7
Construction .....	7,938	1,353	398	560	395	6,584	40.5	42.0
Manufacturing .....	17,286	1,960	365	992	602	15,326	42.1	43.0
Durable goods .....	10,435	1,088	196	620	271	9,347	42.4	43.0
Nondurable goods .....	6,851	872	169	372	331	5,979	41.6	42.9
Transportation and public utilities .....	8,870	1,353	208	574	571	7,517	41.7	43.5
Wholesale and retail trade .....	25,816	8,360	1,193	1,165	6,002	17,456	36.9	42.9
Finance, insurance, and real estate .....	8,196	1,438	103	575	761	6,758	40.3	42.4
Service industries .....	45,287	12,194	1,314	2,877	8,003	33,093	38.0	42.4
Private households .....	793	439	73	37	329	354	29.4	41.5
All other industries .....	44,494	11,755	1,241	2,841	7,673	32,739	38.1	42.4
Public administration .....	5,959	947	37	619	291	5,013	40.7	41.9
Self-employed workers .....	7,971	2,568	407	527	1,634	5,403	39.0	45.4
Unpaid family workers .....	94	58	5	6	47	36	31.6	44.5

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

(Numbers in thousands)

Industry and class of worker	2002							
	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 .....	127,899	30,267	4,035	7,918	18,314	97,632	39.1	42.8
16 to 19 years .....	5,917	4,210	362	176	3,672	1,707	24.8	39.1
16 to 17 years .....	2,155	1,914	67	37	1,810	240	18.7	37.2
18 to 19 years .....	3,762	2,296	295	139	1,862	1,467	28.3	39.4
20 years and over .....	121,982	26,057	3,673	7,742	14,643	95,925	39.8	42.9
20 to 24 years .....	12,599	4,186	694	651	2,840	8,413	35.7	41.0
25 years and over .....	109,383	21,871	2,979	7,091	11,802	87,511	40.3	43.1
25 to 54 years .....	91,142	16,528	2,549	5,862	8,117	74,614	40.8	43.1
55 years and over .....	18,241	5,344	430	1,229	3,685	12,897	37.6	42.7
<b>Men, 16 years and over .....</b>	<b>68,200</b>	<b>11,405</b>	<b>2,049</b>	<b>3,801</b>	<b>5,555</b>	<b>56,795</b>	<b>41.8</b>	<b>44.1</b>
16 to 19 years .....	2,923	1,927	186	95	1,647	995	26.4	39.6
16 to 17 years .....	1,022	873	40	23	811	149	19.9	37.7
18 to 19 years .....	1,900	1,054	146	72	836	846	29.8	39.9
20 years and over .....	65,277	9,478	1,864	3,706	3,908	55,799	42.5	44.2
20 to 24 years .....	6,540	1,819	372	308	1,138	4,722	37.4	41.8
25 years and over .....	58,737	7,659	1,492	3,398	2,770	51,078	43.0	44.4
25 to 54 years .....	48,933	5,366	1,264	2,778	1,324	43,567	43.6	44.5
55 years and over .....	9,804	2,293	228	620	1,445	7,511	40.0	43.9
<b>Women, 16 years and over .....</b>	<b>59,699</b>	<b>18,862</b>	<b>1,985</b>	<b>4,117</b>	<b>12,759</b>	<b>40,837</b>	<b>36.1</b>	<b>41.0</b>
16 to 19 years .....	2,994	2,283	176	81	2,025	712	23.3	38.4
16 to 17 years .....	1,133	1,041	28	14	999	91	17.5	36.3
18 to 19 years .....	1,862	1,242	149	67	1,026	620	26.8	38.7
20 years and over .....	56,705	16,579	1,809	4,036	10,734	40,126	36.7	41.1
20 to 24 years .....	6,059	2,367	322	343	1,702	3,692	33.8	40.1
25 years and over .....	50,646	14,212	1,487	3,693	9,032	36,434	37.1	41.2
25 to 54 years .....	42,209	11,161	1,285	3,083	6,793	31,047	37.6	41.2
55 years and over .....	8,437	3,051	202	609	2,239	5,387	34.8	40.9
<b>Race</b>								
White, 16 years and over .....	106,464	25,733	3,200	6,613	15,920	80,731	39.1	43.0
Men .....	57,660	9,626	1,667	3,257	4,702	48,033	42.0	44.3
Women .....	48,805	16,107	1,533	3,356	11,217	32,698	35.8	41.1
Black, 16 years and over .....	14,205	2,994	599	924	1,471	11,211	38.8	41.5
Men .....	6,644	1,150	269	367	514	5,494	40.4	42.6
Women .....	7,561	1,845	331	556	958	5,717	37.4	40.4
<b>Marital Status</b>								
Men, 16 years and over:								
Married, spouse present .....	41,244	4,987	855	2,365	1,767	36,257	43.5	44.8
Widowed, divorced, or separated .....	8,204	1,225	283	496	446	6,979	42.3	44.0
Single (never married) .....	18,753	5,194	911	940	3,342	13,559	37.6	42.4
Women, 16 years and over:								
Married, spouse present .....	31,711	9,929	780	2,218	6,931	21,782	36.1	40.9
Widowed, divorced, or separated .....	12,172	3,017	465	939	1,613	9,155	38.2	41.4
Single (never married) .....	15,816	5,916	741	961	4,215	9,900	34.4	40.9

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

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

(Numbers in thousands)

Industry and class of worker	2002							
	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 <sup>1</sup> .....	127,766	30,250	4,018	7,900	18,332	97,516	39.1	42.8
Managerial and professional specialty .....	40,492	7,393	587	2,733	4,074	33,099	41.5	44.2
Executive, administrative, and managerial .....	19,884	2,835	230	1,269	1,337	17,049	43.2	45.0
Professional specialty .....	20,608	4,558	357	1,464	2,737	16,049	39.9	43.3
Technical, sales, and administrative support .....	37,536	10,287	992	2,354	6,941	27,249	37.5	42.0
Technicians and related support .....	4,340	941	64	316	560	3,400	38.9	41.7
Sales occupations .....	15,702	4,486	545	750	3,192	11,216	38.5	44.1
Administrative support, including clerical .....	17,493	4,860	383	1,288	3,188	12,633	36.3	40.2
Service occupations .....	18,466	7,146	1,105	935	5,106	11,319	34.6	41.6
Private household .....	713	406	68	33	305	308	28.8	41.1
Protective service .....	2,478	395	50	146	199	2,083	42.4	44.7
Service, except private household and protective .....	15,274	6,345	987	756	4,602	8,929	33.7	41.0
Precision production, craft, and repair .....	14,179	2,004	540	918	545	12,175	41.4	42.5
Operators, fabricators, and laborers .....	17,094	3,420	794	960	1,666	13,674	39.9	42.5
Machine operators, assemblers, and inspectors .....	6,285	908	236	362	310	5,377	40.4	41.7
Transportation and material moving occupations .....	5,582	1,000	205	293	502	4,582	42.4	45.1
Handlers, equipment cleaners, helpers, and laborers .....	5,226	1,511	353	304	854	3,715	36.5	40.8
Men, 16 years and over <sup>1</sup> .....	67,923	11,313	2,032	3,776	5,504	56,610	41.8	44.2
Managerial and professional specialty .....	20,317	2,530	291	1,172	1,066	17,787	44.4	46.0
Executive, administrative, and managerial .....	10,799	1,100	129	575	395	9,700	45.7	46.8
Professional specialty .....	9,517	1,431	162	597	672	8,087	42.9	45.1
Technical, sales, and administrative support .....	13,865	2,493	291	705	1,498	11,372	41.4	44.4
Technicians and related support .....	1,998	294	27	148	118	1,704	41.2	42.7
Sales occupations .....	8,072	1,442	176	325	940	6,630	42.6	46.0
Administrative support, including clerical .....	3,795	758	87	231	440	3,037	39.0	41.9
Service occupations .....	7,456	2,165	387	348	1,430	5,291	37.6	43.0
Private household .....	39	16	3	2	12	22	32.9	( 2 )
Protective service .....	1,990	265	34	108	123	1,725	43.6	45.5
Service, except private household and protective .....	5,427	1,884	350	238	1,296	3,543	35.4	41.8
Precision production, craft, and repair .....	13,032	1,749	497	840	413	11,283	41.7	42.6
Operators, fabricators, and laborers .....	13,252	2,375	566	712	1,097	10,877	40.8	43.1
Machine operators, assemblers, and inspectors .....	4,087	473	124	218	132	3,614	41.4	42.4
Transportation and material moving occupations .....	5,018	778	172	258	349	4,240	43.3	45.3
Handlers, equipment cleaners, helpers, and laborers .....	4,147	1,124	271	236	617	3,023	37.1	41.0
Women, 16 years and over <sup>1</sup> .....	59,843	18,937	1,986	4,124	12,828	40,906	36.1	41.0
Managerial and professional specialty .....	20,175	4,863	295	1,561	3,007	15,312	38.6	42.1
Executive, administrative, and managerial .....	9,085	1,736	100	693	942	7,349	40.3	42.7
Professional specialty .....	11,090	3,128	195	867	2,065	7,962	37.2	41.6
Technical, sales, and administrative support .....	23,670	7,793	701	1,649	5,443	15,877	35.3	40.3
Technicians and related support .....	2,343	647	37	168	443	1,696	37.0	40.7
Sales occupations .....	7,630	3,045	368	425	2,252	4,585	34.3	41.4
Administrative support, including clerical .....	13,698	4,102	296	1,057	2,749	9,596	35.5	39.7
Service occupations .....	11,010	4,981	718	587	3,676	6,029	32.6	40.5
Private household .....	675	389	65	31	294	285	28.6	41.0
Protective service .....	488	130	16	38	76	357	37.2	41.2
Service, except private household and protective .....	9,847	4,461	637	518	3,306	5,386	32.7	40.4
Precision production, craft, and repair .....	1,147	255	43	79	133	892	38.4	41.0
Operators, fabricators, and laborers .....	3,842	1,044	228	248	569	2,797	36.8	40.2
Machine operators, assemblers, and inspectors .....	2,198	435	112	145	178	1,763	38.4	40.3
Transportation and material moving occupations .....	564	222	34	35	153	342	35.1	41.6
Handlers, equipment cleaners, helpers, and laborers .....	1,079	387	82	68	237	692	34.4	39.5

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

<sup>2</sup> Data not shown where base is less than 35,000.

## 24. 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	
	2001	2002	2001	2002	2001	2002	2001	2002
Total, 16 years and over .....	3,690	4,597	4.8	5.9	3,111	3,781	4.7	5.6
Married, spouse present .....	1,226	1,650	2.7	3.6	1,083	1,323	3.1	3.7
Widowed, divorced, or separated .....	476	641	5.1	6.8	642	837	4.7	6.1
Single (never married) .....	1,988	2,306	8.9	10.3	1,386	1,621	7.7	8.9
White, 16 years and over .....	2,754	3,459	4.2	5.3	2,215	2,678	4.1	4.9
Married, spouse present .....	981	1,319	2.5	3.3	864	1,048	2.8	3.4
Widowed, divorced, or separated .....	364	505	4.7	6.5	474	624	4.4	5.8
Single (never married) .....	1,409	1,635	7.8	9.1	877	1,006	6.6	7.4
Black, 16 years and over .....	709	835	9.3	10.7	706	858	8.1	9.8
Married, spouse present .....	154	216	4.5	6.0	123	165	4.3	5.8
Widowed, divorced, or separated .....	88	106	7.4	8.7	137	171	6.1	7.6
Single (never married) .....	467	514	15.6	17.1	447	521	12.2	14.2
Total, 25 years and over .....	2,351	3,105	3.6	4.7	2,078	2,590	3.7	4.6
Married, spouse present .....	1,159	1,566	2.6	3.5	984	1,209	2.9	3.5
Widowed, divorced, or separated .....	455	617	5.0	6.7	601	782	4.5	5.9
Single (never married) .....	738	922	6.2	7.7	493	599	5.4	6.5
White, 25 years and over .....	1,781	2,381	3.2	4.3	1,514	1,854	3.3	4.0
Married, spouse present .....	925	1,246	2.4	3.2	783	953	2.7	3.3
Widowed, divorced, or separated .....	347	488	4.6	6.4	441	580	4.2	5.5
Single (never married) .....	509	647	5.4	6.9	291	321	4.7	5.1
Black, 25 years and over .....	423	514	6.7	8.0	426	555	5.8	7.6
Married, spouse present .....	147	207	4.3	5.9	114	153	4.1	5.5
Widowed, divorced, or separated .....	85	100	7.2	8.4	131	161	6.0	7.3
Single (never married) .....	191	207	10.7	11.7	181	241	7.7	10.1

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**25. Unemployed persons by occupation and sex**

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	2001	2002	2001	2002	2001	2002	2001	2002
Total, 16 years and over <sup>1</sup> .....	6,801	8,378	4.7	5.8	4.8	5.9	4.7	5.6
Managerial and professional specialty .....	981	1,357	2.3	3.1	2.3	3.2	2.3	3.0
Executive, administrative, and managerial .....	497	717	2.4	3.4	2.3	3.2	2.5	3.6
Professional specialty .....	484	640	2.2	2.8	2.3	3.2	2.1	2.5
Technical, sales, and administrative support .....	1,701	2,144	4.1	5.2	3.8	5.0	4.3	5.4
Technicians and related support .....	132	175	2.8	3.7	3.3	4.5	2.4	3.1
Sales occupations .....	790	1,001	4.6	5.8	3.6	4.7	5.7	6.9
Administrative support, including clerical .....	780	968	4.0	5.1	4.7	5.7	3.8	4.9
Service occupations .....	1,150	1,369	5.8	6.7	5.9	6.8	5.7	6.6
Private household .....	53	63	6.7	7.7	-	13.3	6.5	7.4
Protective service .....	74	102	2.9	3.8	2.7	3.3	3.8	5.8
Service, except private household and protective .....	1,023	1,205	6.2	7.1	7.1	8.0	5.8	6.6
Precision production, craft, and repair .....	722	955	4.6	6.1	4.4	6.0	6.2	7.5
Mechanics and repairers .....	154	225	3.1	4.5	3.0	4.5	3.7	5.3
Construction trades .....	399	509	5.9	7.5	5.8	7.4	9.7	10.9
Other precision production, craft, and repair .....	170	221	4.2	5.8	3.5	5.3	6.2	7.5
Operators, fabricators, and laborers .....	1,509	1,720	7.7	8.9	7.3	8.3	9.0	10.6
Machine operators, assemblers, and inspectors .....	588	624	7.8	8.8	7.1	7.5	9.2	10.9
Transportation and material moving occupations .....	303	377	5.0	6.1	4.9	6.0	6.1	6.8
Handlers, equipment cleaners, helpers, and laborers .....	618	719	10.2	11.8	10.3	11.7	10.0	12.0
Construction laborers .....	159	178	13.1	14.1	12.9	13.8	16.9	21.0
Other handlers, equipment cleaners, helpers, and laborers .....	459	541	9.5	11.2	9.4	11.0	9.7	11.6
Farming, forestry, and fishing .....	262	275	7.3	7.3	6.7	7.2	9.4	7.8
No previous work experience .....	459	536	-	-	-	-	-	-
16 to 19 years .....	311	368	-	-	-	-	-	-
20 to 24 years .....	71	83	-	-	-	-	-	-
25 years and over .....	77	85	-	-	-	-	-	-

<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 35,000.

## 26. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	2001	2002	2001	2002	2001	2002	2001	2002
Total, 16 years and over .....	6,801	8,378	4.7	5.8	4.8	5.9	4.7	5.6
Nonagricultural private wage and salary workers .....	5,519	6,881	5.0	6.2	5.0	6.2	4.9	6.1
Mining .....	26	33	4.7	6.2	4.7	6.1	4.2	6.8
Construction .....	611	781	7.3	9.2	7.5	9.5	5.1	7.3
Manufacturing .....	1,044	1,266	5.2	6.7	4.7	6.0	6.4	8.2
Durable goods .....	644	806	5.3	7.0	4.8	6.4	6.5	8.8
Lumber and wood products .....	43	49	6.4	6.9	6.6	7.0	5.2	6.8
Furniture and fixtures .....	32	46	5.0	7.2	4.5	6.1	6.0	9.8
Stone, clay, and glass products .....	30	32	5.4	5.6	5.3	4.8	5.7	8.8
Primary metal industries .....	42	56	5.3	7.8	4.3	7.7	9.5	8.2
Fabricated metal products .....	66	86	4.9	6.7	4.4	6.7	6.6	6.8
Machinery, except electrical .....	123	170	5.0	7.8	4.9	7.2	5.3	9.5
Electrical machinery, equipment, and supplies .....	116	142	6.0	8.4	4.8	7.2	7.8	10.4
Transportation equipment .....	99	114	4.5	5.1	4.1	4.7	5.8	6.4
Automobiles .....	66	70	5.1	5.4	4.7	4.8	6.5	7.4
Other transportation equipment .....	34	43	3.6	4.6	3.3	4.6	4.6	4.6
Professional and photographic equipment .....	30	43	3.9	6.1	3.3	5.4	4.9	7.5
Other durable goods industries .....	62	68	8.3	9.2	8.6	7.0	7.7	12.6
Nondurable goods .....	400	460	5.2	6.1	4.4	5.2	6.3	7.6
Food and kindred products .....	91	107	5.2	6.2	4.7	5.0	6.2	8.5
Textile mill products .....	45	44	8.3	9.3	7.4	7.9	9.3	11.0
Apparel and other textile products .....	61	63	9.7	10.6	7.6	7.9	10.9	12.3
Paper and allied products .....	25	21	4.0	3.5	3.2	3.1	6.5	4.8
Printing and publishing .....	72	94	4.1	5.5	4.1	5.2	4.1	6.0
Chemicals and allied products .....	50	64	3.9	4.9	3.6	4.7	4.4	5.2
Rubber and miscellaneous plastics products .....	41	48	4.8	6.1	4.1	5.7	6.2	6.9
Other nondurable goods industries .....	15	17	4.6	6.1	4.2	6.3	5.5	5.5
Transportation and public utilities .....	333	444	4.1	5.5	3.9	5.0	4.5	6.6
Transportation .....	224	267	4.5	5.4	4.4	5.1	5.0	6.3
Communications and other public utilities .....	108	177	3.4	5.7	3.1	4.9	3.9	7.0
Wholesale and retail trade .....	1,552	1,938	5.5	6.8	5.1	6.2	6.0	7.5
Wholesale trade .....	198	255	3.9	5.0	3.5	4.2	4.8	6.8
Retail trade .....	1,355	1,684	5.9	7.2	5.6	6.8	6.2	7.6
Finance, insurance, and real estate .....	226	279	2.7	3.3	2.7	2.9	2.8	3.5
Service industries .....	1,726	2,141	4.6	5.5	4.9	6.1	4.4	5.1
Professional services .....	641	815	2.9	3.5	2.7	3.3	2.9	3.6
Other service industries .....	1,080	1,317	7.0	8.6	6.6	8.5	7.5	8.7
Agricultural wage and salary workers .....	204	204	9.5	9.1	9.4	9.0	9.7	9.4
Government, self-employed, and unpaid family workers .....	619	756	2.1	2.5	2.0	2.6	2.1	2.4
No previous work experience .....	459	536	—	—	—	—	—	—

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**27. Unemployed persons by reason for unemployment, sex, and age**

(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	
	2001	2002	2001	2002	2001	2002	2001	2002
<b>NUMBER OF UNEMPLOYED</b>								
Total unemployed .....	6,801	8,378	3,040	3,896	2,599	3,228	1,162	1,253
Job losers and persons who completed temporary jobs .....	3,476	4,607	1,999	2,702	1,291	1,708	185	197
On temporary layoff .....	1,067	1,124	624	701	373	360	69	62
Not on temporary layoff .....	2,409	3,483	1,375	2,000	918	1,348	116	135
Permanent job losers .....	1,764	2,701	1,003	1,537	697	1,082	64	82
Persons who completed temporary jobs .....	645	783	372	464	221	265	52	54
Job leavers .....	835	866	372	386	365	389	98	91
Reentrants .....	2,031	2,368	612	743	850	1,028	568	597
New entrants .....	459	536	56	65	92	102	311	368
<b>PERCENT DISTRIBUTION</b>								
Job losers and persons who completed temporary jobs .....	51.1	55.0	65.8	69.3	49.7	52.9	15.9	15.7
On temporary layoff .....	15.7	13.4	20.5	18.0	14.4	11.2	6.0	4.9
Not on temporary layoff .....	35.4	41.6	45.2	51.3	35.3	41.7	10.0	10.8
Job leavers .....	12.3	10.3	12.3	9.9	14.0	12.1	8.4	7.3
Reentrants .....	29.9	28.3	20.1	19.1	32.7	31.8	48.9	47.6
New entrants .....	6.8	6.4	1.8	1.7	3.6	3.2	26.8	29.4
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>								
Job losers and persons who completed temporary jobs .....	2.4	3.2	2.7	3.7	2.0	2.7	2.3	2.6
Job leavers .....	.6	.6	.5	.5	.6	.6	1.2	1.2
Reentrants .....	1.4	1.6	.8	1.0	1.3	1.6	7.2	7.9
New entrants .....	.3	.4	.1	.1	.1	.2	3.9	4.9



## 28. Unemployed persons by reason for unemployment, race, and Hispanic origin

(Numbers in thousands)

Reason for unemployment	Total		White		Black		Hispanic origin	
	2001	2002	2001	2002	2001	2002	2001	2002
<b>NUMBER OF UNEMPLOYED</b>								
Total unemployed .....	6,801	8,378	4,969	6,137	1,416	1,693	1,138	1,353
Job losers and persons who completed temporary jobs .....	3,476	4,607	2,620	3,491	657	840	585	736
On temporary layoff .....	1,067	1,124	875	921	144	148	190	216
Not on temporary layoff .....	2,409	3,483	1,745	2,570	513	691	395	520
Permanent job losers .....	1,764	2,701	1,294	2,029	355	488	255	350
Persons who completed temporary jobs .....	645	783	451	541	158	203	140	171
Job leavers .....	835	866	637	684	151	135	116	117
Reentrants .....	2,031	2,368	1,408	1,619	492	576	325	384
New entrants .....	459	536	304	342	115	142	112	117
<b>PERCENT DISTRIBUTION</b>								
Job losers and persons who completed temporary jobs .....	51.1	55.0	52.7	56.9	46.4	49.6	51.4	54.4
On temporary layoff .....	15.7	13.4	17.6	15.0	10.1	8.8	16.7	15.9
Not on temporary layoff .....	35.4	41.6	35.1	41.9	36.3	40.8	34.7	38.4
Job leavers .....	12.3	10.3	12.8	11.2	10.7	8.0	10.2	8.6
Reentrants .....	29.9	28.3	28.3	26.4	34.8	34.0	28.6	28.4
New entrants .....	6.8	6.4	6.1	5.6	8.1	8.4	9.9	8.6
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>								
Job losers and persons who completed temporary jobs .....	2.4	3.2	2.2	2.9	4.0	5.1	3.4	4.1
Job leavers .....	.6	.6	.5	.6	.9	.8	.7	.7
Reentrants .....	1.4	1.7	1.2	1.3	3.0	3.5	1.9	2.1
New entrants .....	.3	.4	.3	.3	.7	.9	.6	.7

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.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**29. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment**

(Percent distribution)

Reason, sex, and age	2002						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over .....	8,378	100.0	34.5	30.8	34.7	16.3	18.3
Job losers and persons who completed temporary jobs .....	4,607	100.0	32.8	30.0	37.2	18.1	19.1
On temporary layoff .....	1,124	100.0	51.6	32.9	15.6	10.1	5.5
Not on temporary layoff .....	3,483	100.0	26.7	29.1	44.2	20.7	23.4
Permanent job losers .....	2,701	100.0	24.5	28.5	47.0	21.9	25.1
Persons who completed temporary jobs .....	783	100.0	34.7	31.1	34.3	16.6	17.7
Job leavers .....	866	100.0	40.5	32.6	26.9	13.3	13.6
Reentrants .....	2,368	100.0	35.1	31.3	33.5	14.6	19.0
New entrants .....	536	100.0	37.2	32.3	30.5	13.7	16.8
Men, 20 years and over .....	3,896	100.0	31.9	30.4	37.7	17.2	20.6
Job losers and persons who completed temporary jobs .....	2,702	100.0	31.9	30.4	37.7	18.0	19.7
On temporary layoff .....	701	100.0	48.4	34.8	16.7	10.9	5.8
Not on temporary layoff .....	2,000	100.0	26.1	28.9	45.0	20.4	24.6
Permanent job losers .....	1,537	100.0	23.5	28.6	47.8	21.9	26.0
Persons who completed temporary jobs .....	464	100.0	34.5	29.8	35.7	15.6	20.0
Job leavers .....	386	100.0	35.6	32.1	32.3	14.9	17.4
Reentrants .....	743	100.0	30.3	30.0	39.6	15.8	23.9
New entrants .....	65	100.0	27.4	22.7	49.9	12.9	37.0
Women, 20 years and over .....	3,228	100.0	33.0	30.2	36.8	17.4	19.4
Job losers and persons who completed temporary jobs .....	1,708	100.0	31.4	29.3	39.3	19.6	19.7
On temporary layoff .....	360	100.0	54.2	31.3	14.5	9.3	5.2
Not on temporary layoff .....	1,348	100.0	25.3	28.8	45.9	22.3	23.6
Permanent job losers .....	1,082	100.0	23.5	28.2	48.4	23.0	25.4
Persons who completed temporary jobs .....	265	100.0	32.6	31.3	36.1	19.6	16.5
Job leavers .....	389	100.0	41.1	32.8	26.1	13.6	12.5
Reentrants .....	1,028	100.0	33.0	30.9	36.1	15.3	20.9
New entrants .....	102	100.0	29.3	28.3	42.4	17.7	24.7
Both sexes, 16 to 19 years .....	1,253	100.0	46.8	33.5	19.7	11.0	8.7
Job losers and persons who completed temporary jobs .....	197	100.0	57.7	29.9	12.4	8.2	4.3
On temporary layoff .....	62	100.0	71.7	19.9	8.4	5.5	2.9
Not on temporary layoff .....	135	100.0	51.3	34.5	14.3	9.4	4.9
Permanent job losers .....	82	100.0	54.7	30.6	14.7	9.1	5.6
Persons who completed temporary jobs .....	54	100.0	46.0	40.5	13.6	9.8	3.8
Job leavers .....	91	100.0	58.9	33.7	7.3	4.7	2.6
Reentrants .....	597	100.0	44.8	33.7	21.5	11.9	9.6
New entrants .....	368	100.0	41.1	35.1	23.8	12.8	11.1

**30. 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	
	2001	2002	2001	2002	2001	2002	2001	2002
Total, 16 years and over .....	6,801	8,378	100.0	100.0	5,546	7,063	100.0	100.0
Less than 5 weeks .....	2,853	2,893	42.0	34.5	2,175	2,238	39.2	31.7
5 to 14 weeks .....	2,196	2,580	32.3	30.8	1,827	2,183	32.9	30.9
5 to 10 weeks .....	1,525	1,732	22.4	20.7	1,247	1,437	22.5	20.4
11 to 14 weeks .....	671	848	9.9	10.1	580	746	10.5	10.6
15 weeks and over .....	1,752	2,904	25.8	34.7	1,544	2,642	27.8	37.4
15 to 26 weeks .....	951	1,369	14.0	16.3	829	1,234	15.0	17.5
27 weeks and over .....	801	1,535	11.8	18.3	714	1,408	12.9	19.9
27 to 51 weeks .....	388	821	5.7	9.8	350	760	6.3	10.8
52 weeks and over .....	413	714	6.1	8.5	364	648	6.6	9.2
Average (mean) duration, in weeks .....	13.1	16.6	—	—	14.0	17.6	—	—
Median duration, in weeks .....	6.8	9.1	—	—	7.6	10.0	—	—

## 31. Unemployed persons by selected demographic characteristics and duration of unemployment

Characteristic	2002							
	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>TOTAL</b>								
Total, 16 years and over .....	8,378	2,893	2,580	2,904	1,369	1,535	16.6	9.1
16 to 19 years .....	1,253	586	420	247	138	109	10.6	5.3
20 to 24 years .....	1,430	583	454	392	198	194	13.8	7.3
25 to 34 years .....	1,890	637	593	660	330	330	16.0	9.4
35 to 44 years .....	1,691	521	500	671	308	363	18.4	10.6
45 to 54 years .....	1,315	348	389	579	249	330	20.9	12.2
55 to 64 years .....	635	164	184	288	123	165	21.7	12.7
65 years and over .....	163	55	41	67	23	44	22.4	10.0
<b>Men, 16 years and over .....</b>	<b>4,597</b>	<b>1,560</b>	<b>1,415</b>	<b>1,622</b>	<b>752</b>	<b>869</b>	<b>16.9</b>	<b>9.3</b>
16 to 19 years .....	700	318	230	153	84	68	11.2	5.7
20 to 24 years .....	792	310	253	229	112	117	14.4	7.8
25 to 34 years .....	1,023	341	322	360	178	182	16.0	9.5
35 to 44 years .....	897	282	269	346	158	188	18.0	10.3
45 to 54 years .....	725	187	212	325	136	189	21.2	12.6
55 to 64 years .....	373	92	106	175	71	104	22.5	13.3
65 years and over .....	87	30	22	35	13	22	22.5	10.1
<b>Women, 16 years and over .....</b>	<b>3,781</b>	<b>1,334</b>	<b>1,165</b>	<b>1,282</b>	<b>617</b>	<b>666</b>	<b>16.3</b>	<b>8.9</b>
16 to 19 years .....	553	269	190	95	54	40	9.8	4.9
20 to 24 years .....	638	273	201	163	86	77	12.9	6.8
25 to 34 years .....	866	295	271	300	151	149	15.9	9.2
35 to 44 years .....	795	239	231	325	150	175	18.8	11.0
45 to 54 years .....	591	160	176	254	113	141	20.4	11.6
55 to 64 years .....	263	72	78	113	52	61	20.5	11.8
65 years and over .....	76	25	19	32	10	22	22.3	10.0
<b>Race and Hispanic origin</b>								
White, 16 years and over .....	6,137	2,249	1,894	1,995	955	1,040	15.6	8.5
Men .....	3,459	1,237	1,067	1,155	542	612	16.0	8.8
Women .....	2,678	1,011	827	840	412	428	15.1	8.1
Black, 16 years and over .....	1,693	479	519	695	316	378	19.6	11.1
Men .....	835	230	253	353	155	198	20.5	11.6
Women .....	858	250	266	342	161	181	18.7	10.6
Hispanic origin, 16 years and over .....	1,353	524	422	407	216	191	14.7	8.0
Men .....	764	313	238	213	115	98	13.4	7.3
Women .....	590	211	184	194	101	93	16.4	8.8
<b>Marital status</b>								
Men, 16 years and over:								
Married, spouse present .....	1,650	516	496	638	299	339	17.9	10.3
Widowed, divorced, or separated .....	641	191	194	256	110	146	19.2	10.8
Single (never married) .....	2,306	853	725	728	343	384	15.5	8.3
Women, 16 years and over:								
Married, spouse present .....	1,323	440	395	489	228	261	17.2	9.6
Widowed, divorced, or separated .....	837	260	260	317	150	167	18.1	10.1
Single (never married) .....	1,621	634	511	476	239	237	14.6	7.7

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.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**32. Unemployed persons by occupation, industry, and duration of unemployment**

Occupation and industry	2002							Average (mean) duration	Median duration
	Thousands of persons					Weeks			
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over					
				Total	15 to 26 weeks	27 weeks and over			
<b>OCCUPATION</b>									
Managerial and professional specialty .....	1,357	401	399	556	246	310	18.7	11.0	
Technical, sales, and administrative support .....	2,144	727	653	764	363	402	16.9	9.4	
Service occupations .....	1,369	526	441	402	198	204	14.6	7.7	
Precision production, craft, and repair .....	955	349	291	314	157	157	16.0	8.8	
Operators, fabricators, and laborers .....	1,720	578	526	616	287	328	16.9	9.5	
Farming, forestry, and fishing .....	275	109	90	77	40	37	14.3	7.5	
<b>INDUSTRY<sup>1</sup></b>									
Agriculture .....	204	85	68	51	30	21	13.0	6.8	
Construction .....	795	306	267	222	121	101	13.6	7.8	
Manufacturing .....	1,271	350	361	560	250	310	19.6	12.2	
Durable goods .....	808	222	232	355	162	193	19.4	12.0	
Nondurable goods .....	462	128	129	205	88	117	19.9	12.4	
Transportation and public utilities .....	478	131	140	207	96	111	19.1	11.9	
Wholesale and retail trade .....	1,947	723	603	621	301	320	15.4	8.4	
Finance, insurance, and real estate .....	287	84	87	115	52	64	19.0	10.9	
Services .....	2,430	867	757	807	378	429	16.2	8.7	
Public administration .....	128	38	37	53	26	27	19.3	10.9	
No previous work experience .....	536	199	173	164	74	90	16.6	7.8	

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

## 33. Unemployed jobseekers by sex, age, race, and active jobsearch methods used

Sex, age, and race	2002									
	Thousands of persons		Methods used as a percent of total jobseekers							Average number of methods used
	Total unemployed	Total job-seekers	Employer directly	Sent out resumes or filled out applications	Placed or answered ads	Friends or relatives	Public employment agency	Private employment agency	Other	
Total, 16 years and over .....	8,378	7,254	62.9	54.4	16.7	17.2	20.3	8.5	11.8	1.92
16 to 19 years .....	1,253	1,192	59.6	58.2	10.8	10.8	8.5	2.6	6.2	1.57
20 to 24 years .....	1,430	1,296	64.4	54.4	15.7	14.5	18.9	6.7	10.3	1.85
25 to 34 years .....	1,890	1,627	63.9	54.4	17.9	17.7	22.5	9.5	12.4	1.99
35 to 44 years .....	1,691	1,412	63.3	52.5	18.7	19.7	25.3	11.1	14.0	2.05
45 to 54 years .....	1,315	1,096	63.5	55.5	19.5	21.0	25.1	11.4	15.2	2.12
55 to 64 years .....	635	505	62.1	51.8	18.3	21.4	21.6	10.0	13.5	1.99
65 years and over .....	163	126	59.2	37.3	15.6	19.2	17.3	6.9	10.3	1.66
Men, 16 years and over .....	4,597	3,859	64.1	52.7	16.8	18.4	20.8	8.7	12.7	1.95
16 to 19 years .....	700	664	59.8	56.7	10.7	12.2	8.7	2.7	6.1	1.57
20 to 24 years .....	792	692	65.6	52.7	16.0	15.3	19.3	6.4	11.1	1.87
25 to 34 years .....	1,023	842	65.8	52.2	17.6	19.7	23.2	9.8	13.2	2.02
35 to 44 years .....	897	716	65.1	51.2	19.5	21.5	26.3	12.1	15.6	2.12
45 to 54 years .....	725	587	65.7	52.3	20.1	21.5	26.2	11.8	16.8	2.15
55 to 64 years .....	373	289	61.5	52.3	17.7	21.9	22.1	10.1	15.0	2.01
65 years and over .....	87	68	57.9	38.5	16.6	17.1	17.3	7.2	10.6	1.65
Women, 16 years and over .....	3,781	3,395	61.5	56.3	16.6	15.8	19.8	8.2	10.8	1.89
16 to 19 years .....	553	528	59.3	60.2	11.0	9.0	8.3	2.4	6.5	1.57
20 to 24 years .....	638	604	63.0	56.4	15.4	13.5	18.4	7.0	9.3	1.83
25 to 34 years .....	866	785	61.8	56.8	18.1	15.7	21.8	9.2	11.5	1.96
35 to 44 years .....	795	695	61.5	53.8	17.8	17.9	24.3	10.2	12.3	1.99
45 to 54 years .....	591	508	60.9	59.1	18.9	20.4	23.7	11.0	13.4	2.08
55 to 64 years .....	263	216	62.9	51.1	18.9	20.8	21.0	9.8	11.4	1.96
65 years and over .....	76	59	60.7	35.9	14.4	21.6	17.4	6.5	10.0	1.67
White, 16 years and over .....	6,137	5,216	63.1	54.8	17.3	17.8	19.5	8.5	12.4	1.94
Men .....	3,459	2,845	64.5	53.2	17.5	19.1	20.3	8.9	13.4	1.97
Women .....	2,678	2,371	61.5	56.8	17.0	16.3	18.6	8.1	11.1	1.90
Black, 16 years and over .....	1,693	1,544	62.4	52.9	15.1	14.0	23.9	7.7	9.4	1.86
Men .....	835	746	63.4	50.7	15.2	14.9	24.0	7.2	9.2	1.85
Women .....	858	799	61.5	54.9	15.0	13.1	23.7	8.2	9.5	1.87

NOTE: The jobseekers total is less than the total unemployed because it does not include persons on temporary layoff. The percent using each method

will always total more than 100 because many jobseekers use more than one method.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**34. Unemployed jobseekers by sex, reason for unemployment, and active jobsearch methods used**

Sex and reason	2002									
	Thousands of persons		Methods used as a percent of total jobseekers							Average number of methods used
	Total unemployed	Total job-seekers	Employer directly	Sent out resumes or filled out applications	Placed or answered ads	Friends or relatives	Public employment agency	Private employment agency	Other	
Total, 16 years and over .....	8,378	7,254	62.9	54.4	16.7	17.2	20.3	8.5	11.8	1.92
Job losers and persons who completed temporary jobs <sup>1</sup> .....	4,607	3,483	65.4	54.6	19.9	20.7	26.1	11.4	13.9	2.12
Job leavers .....	866	866	64.7	57.2	18.5	15.9	19.5	7.7	10.0	1.94
Reentrants .....	2,368	2,368	59.7	52.9	12.7	13.3	14.8	5.7	10.5	1.70
New entrants .....	536	536	57.9	54.9	11.2	13.7	8.8	3.0	6.9	1.57
Men, 16 years and over .....	4,597	3,859	64.1	52.7	16.8	18.4	20.8	8.7	12.7	1.95
Job losers and persons who completed temporary jobs <sup>1</sup> .....	2,820	2,082	66.1	52.9	19.7	21.5	25.7	11.3	14.6	2.13
Job leavers .....	434	434	65.9	55.4	17.5	17.3	20.3	7.7	11.2	1.96
Reentrants .....	1,068	1,068	61.0	50.8	12.4	14.0	14.8	5.2	11.1	1.70
New entrants .....	274	274	58.5	53.7	11.6	13.2	8.0	3.2	7.0	1.56
Women, 16 years and over .....	3,781	3,395	61.5	56.3	16.6	15.8	19.8	8.2	10.8	1.89
Job losers and persons who completed temporary jobs <sup>1</sup> .....	1,787	1,401	64.3	57.1	20.1	19.4	26.6	11.4	12.8	2.12
Job leavers .....	432	432	63.5	59.0	19.5	14.4	18.7	7.6	8.8	1.92
Reentrants .....	1,300	1,300	58.6	54.6	13.0	12.8	14.9	6.1	10.0	1.70
New entrants .....	262	262	57.3	56.0	10.7	14.3	9.5	2.8	6.8	1.58

<sup>1</sup> Data on the number of jobseekers and the jobsearch methods used exclude persons on temporary layoff.  
NOTE: The jobseekers total is less than the total unemployed because it does

not include persons on temporary layoff. The percent using each method will always total more than 100 because many jobseekers use more than one method.

## 35. Persons not in the labor force by desire and availability for work, age, and sex

(In thousands)

Category	Total		Age						Sex			
	2001	2002	16 to 24 years		25 to 54 years		55 years and over		Men		Women	
			2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
Total not in the labor force .....	71,359	72,707	12,347	12,976	19,814	20,358	39,198	39,373	26,396	27,085	44,962	45,621
Do not want a job now <sup>1</sup> .....	66,769	68,029	10,616	11,254	17,797	18,286	38,355	38,489	24,403	24,994	42,366	43,035
Want a job <sup>1</sup> .....	4,590	4,677	1,730	1,722	2,017	2,071	842	884	1,993	2,091	2,597	2,586
Did not search for work in previous year ..	2,731	2,673	939	910	1,150	1,112	642	651	1,134	1,135	1,597	1,538
Searched for work in previous year <sup>2</sup> .....	1,859	2,004	791	812	867	960	201	233	859	956	1,000	1,048
Not available to work now .....	593	565	300	272	256	252	37	41	228	227	365	338
Available to work now .....	1,266	1,439	492	540	611	708	163	191	631	729	634	710
Reason not currently looking:												
Discouragement over job prospects <sup>3</sup> ..	321	369	104	110	170	209	47	51	192	226	129	143
Reasons other than discouragement ..	945	1,070	388	430	441	499	116	141	440	503	505	567
Family responsibilities .....	133	150	32	31	89	99	13	20	29	34	105	116
In school or training .....	203	238	172	195	30	41	1	2	111	126	92	112
Ill health or disability .....	96	107	16	16	56	61	25	30	45	50	51	56
Other <sup>4</sup> .....	513	575	168	188	266	299	77	88	255	292	257	283

<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.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**36. 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>	
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
<b>AGE</b>												
Total, 16 years and over <sup>2</sup> .....	7,357	7,291	5.4	5.3	3,834	3,734	5.2	5.1	3,523	3,557	5.5	5.6
16 to 19 years .....	303	286	4.5	4.5	124	114	3.6	3.6	179	171	5.4	5.4
20 years and over .....	7,055	7,006	5.4	5.4	3,711	3,620	5.3	5.2	3,344	3,386	5.5	5.6
20 to 24 years .....	736	740	5.5	5.5	331	335	4.8	4.8	404	405	6.3	6.4
25 years and over .....	6,319	6,266	5.4	5.4	3,380	3,285	5.4	5.2	2,940	2,981	5.4	5.5
25 to 54 years .....	5,453	5,375	5.6	5.6	2,894	2,815	5.5	5.4	2,559	2,560	5.6	5.7
55 years and over .....	866	891	4.6	4.5	486	470	4.7	4.3	381	421	4.4	4.6
55 to 64 years .....	716	752	4.9	4.8	391	394	4.9	4.7	326	358	4.8	4.9
65 years and over .....	150	139	3.5	3.2	95	76	3.9	3.1	55	63	3.0	3.4
<b>RACE AND HISPANIC ORIGIN</b>												
White .....	6,300	6,270	5.5	5.5	3,298	3,233	5.3	5.2	3,002	3,037	5.7	5.8
Black .....	747	709	5.0	4.8	380	343	5.5	4.9	367	366	4.5	4.6
Hispanic origin .....	551	579	3.4	3.5	328	347	3.4	3.5	223	232	3.4	3.4
<b>MARITAL STATUS</b>												
Married, spouse present .....	4,073	3,998	5.2	5.1	2,408	2,362	5.5	5.4	1,665	1,636	4.9	4.8
Widowed, divorced, or separated .....	1,304	1,313	6.0	6.1	477	452	5.4	5.1	827	861	6.4	6.7
Single (never married) .....	1,981	1,980	5.4	5.4	950	920	4.7	4.6	1,031	1,060	6.2	6.4
<b>FULL- OR PART-TIME STATUS</b>												
Primary job full time, secondary job part time .....	4,019	3,937	—	—	2,327	2,235	—	—	1,692	1,701	—	—
Primary and secondary jobs both part time .....	1,578	1,590	—	—	510	493	—	—	1,068	1,097	—	—
Primary and secondary jobs both full time .....	283	276	—	—	184	186	—	—	100	90	—	—
Hours vary on primary or secondary job .....	1,437	1,449	—	—	793	801	—	—	644	647	—	—

<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.



## 37. Median weekly earnings of full-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	2001	2002	2001	2002
<b>SEX AND AGE</b>				
Total, 16 years and over .....	101,187	100,204	\$595	\$609
Men, 16 years and over .....	56,935	56,431	668	680
16 to 24 years .....	6,581	6,320	390	392
25 years and over .....	50,354	50,111	718	732
Women, 16 years and over .....	44,252	43,773	511	530
16 to 24 years .....	5,062	4,817	353	366
25 years and over .....	39,190	38,956	541	570
<b>RACE, HISPANIC ORIGIN, AND SEX</b>				
White .....	83,267	82,438	610	624
Men .....	48,047	47,502	688	702
Women .....	35,220	34,936	521	549
Black .....	12,317	12,116	486	498
Men .....	5,775	5,792	517	523
Women .....	6,543	6,323	452	474
Hispanic origin .....	13,018	13,168	413	423
Men .....	8,183	8,298	433	449
Women .....	4,835	4,870	385	396

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.

## 38. Median weekly earnings of part-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	2001	2002	2001	2002
<b>SEX AND AGE</b>				
Total, 16 years and over .....	21,057	21,573	\$180	\$188
Men, 16 years and over .....	6,687	6,823	169	178
16 to 24 years .....	3,536	3,523	140	146
25 years and over .....	3,152	3,300	219	228
Women, 16 years and over .....	14,370	14,750	186	192
16 to 24 years .....	4,481	4,560	136	140
25 years and over .....	9,889	10,190	217	224
<b>RACE, HISPANIC ORIGIN, AND SEX</b>				
White .....	18,070	18,441	182	189
Men .....	5,567	5,691	170	177
Women .....	12,503	12,750	187	194
Black .....	1,924	1,990	170	178
Men .....	701	693	160	185
Women .....	1,223	1,297	176	175
Hispanic origin .....	2,141	2,337	181	186
Men .....	805	824	188	196
Women .....	1,337	1,513	177	180

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.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex**

(Numbers in thousands)

Occupation	2002					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Total, 16 years and over .....	100,204	\$609	56,431	\$680	43,773	\$530
Managerial and professional specialty .....	32,694	884	16,225	1,058	16,469	756
Executive, administrative, and managerial .....	16,065	890	8,432	1,081	7,633	736
Administrators and officials, public administration .....	690	910	328	1,124	361	766
Administrators, protective services .....	52	965	39	( <sup>1</sup> )	14	( <sup>1</sup> )
Financial managers .....	725	973	362	1,170	363	837
Personnel and labor relations managers .....	211	970	73	1,207	138	855
Purchasing managers .....	134	1,074	78	1,181	56	910
Managers, marketing, advertising, and public relations .....	671	1,115	427	1,262	244	874
Administrators, education and related fields .....	727	954	275	1,183	453	832
Managers, medicine and health .....	714	803	164	1,110	549	750
Managers, food serving and lodging establishments .....	1,031	602	544	696	487	517
Managers, properties and real estate .....	382	687	171	817	211	616
Management-related occupations .....	4,275	778	1,751	970	2,524	709
Accountants and auditors .....	1,424	799	573	980	851	734
Underwriters .....	93	746	26	( <sup>1</sup> )	67	741
Other financial officers .....	746	917	383	1,127	363	718
Management analysts .....	298	1,077	161	1,226	137	996
Personnel, training, and labor relations specialists .....	554	753	137	919	417	711
Buyers, wholesale and retail trade, except farm products .....	169	669	85	707	84	628
Construction inspectors .....	66	842	64	851	2	( <sup>1</sup> )
Inspectors and compliance officers, except construction .....	233	874	144	984	90	774
Professional specialty .....	16,629	879	7,793	1,037	8,836	773
Engineers, architects, and surveyors .....	2,046	1,151	1,811	1,170	235	968
Architects .....	140	1,004	112	1,102	27	( <sup>1</sup> )
Engineers .....	1,889	1,161	1,683	1,180	206	1,011
Aerospace engineers .....	83	1,365	76	1,377	8	( <sup>1</sup> )
Chemical engineers .....	78	1,313	68	1,393	10	( <sup>1</sup> )
Civil engineers .....	230	1,055	202	1,105	28	( <sup>1</sup> )
Electrical and electronic engineers .....	636	1,222	569	1,231	67	1,133
Industrial engineers .....	233	1,032	195	1,085	38	( <sup>1</sup> )
Mechanical engineers .....	291	1,163	271	1,167	19	( <sup>1</sup> )
Mathematical and computer scientists .....	1,808	1,096	1,259	1,165	549	945
Computer systems analysts and scientists .....	1,525	1,125	1,120	1,172	405	962
Operations and systems researchers and analysts .....	240	953	116	1,056	124	897
Natural scientists .....	475	958	310	1,025	166	879
Chemists, except biochemists .....	123	1,013	83	1,136	40	( <sup>1</sup> )
Biological and life scientists .....	100	932	58	926	42	( <sup>1</sup> )
Medical scientists .....	79	969	35	( <sup>1</sup> )	44	( <sup>1</sup> )
Health diagnosing occupations .....	628	1,406	431	1,549	197	918
Physicians .....	538	1,475	370	1,626	169	947
Health assessment and treating occupations .....	2,445	883	375	959	2,070	869
Registered nurses .....	1,737	876	140	957	1,597	870
Pharmacists .....	170	1,367	86	1,473	84	1,311
Dietitians .....	51	591	4	( <sup>1</sup> )	47	( <sup>1</sup> )
Therapists .....	411	851	113	879	298	832
Respiratory therapists .....	83	761	40	( <sup>1</sup> )	43	( <sup>1</sup> )
Occupational therapists .....	52	901	6	( <sup>1</sup> )	45	( <sup>1</sup> )
Physical therapists .....	121	907	43	( <sup>1</sup> )	78	926
Speech therapists .....	82	874	6	( <sup>1</sup> )	76	874
Physicians' assistants .....	77	1,031	32	( <sup>1</sup> )	45	( <sup>1</sup> )
Teachers, college and university .....	713	1,028	442	1,140	271	896
Teachers, except college and university .....	4,457	746	1,181	828	3,276	720
Teachers, prekindergarten and kindergarten .....	449	455	10	( <sup>1</sup> )	440	451
Teachers, elementary school .....	2,039	764	362	836	1,677	750
Teachers, secondary school .....	1,135	797	496	842	639	767
Teachers, special education .....	327	758	50	810	277	751
Counselors, educational and vocational .....	228	821	62	874	166	786
Librarians, archivists, and curators .....	179	758	41	( <sup>1</sup> )	138	748
Librarians .....	157	746	33	( <sup>1</sup> )	124	743

See footnotes at end of table.

## 39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex — Continued

(Numbers in thousands)

Occupation	2002					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Social scientists and urban planners .....	312	805	126	996	187	738
Economists .....	103	847	42	( <sup>1</sup> )	61	779
Psychologists .....	168	764	57	966	111	719
Social, recreation, and religious workers .....	1,307	654	584	728	723	615
Social workers .....	753	651	200	741	553	632
Recreation workers .....	84	437	26	( <sup>1</sup> )	58	432
Clergy .....	342	716	301	727	41	( <sup>1</sup> )
Lawyers and judges .....	635	1,488	420	1,615	215	1,206
Lawyers .....	605	1,492	400	1,610	205	1,237
Writers, artists, entertainers, and athletes .....	1,395	738	750	809	645	657
Technical writers .....	56	903	25	( <sup>1</sup> )	31	( <sup>1</sup> )
Designers .....	468	753	240	855	229	635
Actors and directors .....	96	840	57	881	39	( <sup>1</sup> )
Painters, sculptors, craft artists, and artist printmakers .....	100	668	56	819	44	( <sup>1</sup> )
Photographers .....	64	614	50	702	14	( <sup>1</sup> )
Editors and reporters .....	221	755	126	813	94	697
Public relations specialists .....	161	754	52	866	108	731
Technical, sales, and administrative support .....	27,829	550	10,869	699	16,960	490
Technicians and related support .....	3,660	694	1,827	841	1,834	591
Health technologists and technicians .....	1,395	585	302	724	1,093	550
Clinical laboratory technologists and technicians .....	309	664	76	828	233	614
Radiologic technicians .....	139	714	39	( <sup>1</sup> )	100	671
Licensed practical nurses .....	296	571	22	( <sup>1</sup> )	274	566
Engineering and related technologists and technicians .....	842	752	685	781	157	620
Electrical and electronic technicians .....	378	793	317	824	61	673
Drafting occupations .....	212	718	166	756	46	( <sup>1</sup> )
Surveying and mapping technicians .....	54	699	51	703	3	( <sup>1</sup> )
Science technicians .....	249	656	145	733	104	576
Biological technicians .....	99	601	44	( <sup>1</sup> )	55	507
Chemical technicians .....	62	683	42	( <sup>1</sup> )	19	( <sup>1</sup> )
Technicians, except health, engineering, and science .....	1,174	854	695	1,010	480	688
Airplane pilots and navigators .....	108	1,245	103	1,258	5	( <sup>1</sup> )
Computer programmers .....	544	1,020	414	1,048	130	902
Legal assistants .....	348	642	60	697	287	629
Sales occupations .....	10,175	601	5,731	742	4,444	441
Supervisors and proprietors .....	3,301	655	1,988	766	1,313	507
Sales representatives, finance and business services .....	1,951	780	1,083	937	868	633
Insurance sales .....	408	674	197	872	211	580
Real estate sales .....	399	799	176	945	223	712
Securities and financial services sales .....	430	979	297	1,149	132	737
Advertising and related sales .....	150	723	58	875	92	677
Sales occupations, other business services .....	564	754	354	856	210	582
Sales representatives, commodities, except retail .....	1,362	854	1,036	909	326	673
Sales workers, retail and personal services .....	3,519	380	1,612	488	1,907	326
Sales workers, motor vehicles and boats .....	321	665	286	677	35	( <sup>1</sup> )
Sales workers, apparel .....	142	341	32	( <sup>1</sup> )	110	326
Sales workers, furniture and home furnishings .....	130	509	77	555	53	469
Sales workers, radio, television, hi-fi, and appliances .....	225	561	160	622	65	435
Sales workers, hardware and building supplies .....	211	498	174	518	37	( <sup>1</sup> )
Sales workers, parts .....	135	487	123	507	12	( <sup>1</sup> )
Sales workers, other commodities .....	706	387	284	466	422	353
Sales counter clerks .....	91	350	40	( <sup>1</sup> )	50	315
Cashiers .....	1,387	311	351	324	1,036	307
Street and door-to-door sales workers .....	107	481	43	( <sup>1</sup> )	64	458
Administrative support, including clerical .....	13,994	503	3,312	583	10,683	488
Supervisors .....	686	637	260	711	425	607
General office .....	398	620	122	734	277	594
Financial records processing .....	107	718	20	( <sup>1</sup> )	87	688
Distribution, scheduling, and adjusting clerks .....	159	619	106	632	53	586
Computer equipment operators .....	277	579	143	624	134	510
Computer operators .....	272	581	140	628	132	511

See footnotes at end of table.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex — Continued**

(Numbers in thousands)

Occupation	2002					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Secretaries, stenographers, and typists .....	2,249	497	52	544	2,197	496
Secretaries .....	1,732	496	23	( <sup>1</sup> )	1,709	496
Stenographers .....	84	520	7	( <sup>1</sup> )	77	515
Typists .....	432	495	22	( <sup>1</sup> )	410	491
Information clerks .....	1,404	450	169	533	1,236	442
Interviewers .....	106	449	19	( <sup>1</sup> )	87	453
Hotel clerks .....	98	366	29	( <sup>1</sup> )	69	359
Transportation ticket and reservation agents .....	191	572	65	623	125	519
Receptionists .....	709	429	21	( <sup>1</sup> )	688	429
Records processing, except financial .....	724	486	141	547	584	477
Order clerks .....	248	520	64	571	184	509
Personnel clerks, except payroll and timekeeping .....	62	506	14	( <sup>1</sup> )	47	( <sup>1</sup> )
Library clerks .....	59	476	8	( <sup>1</sup> )	51	442
File clerks .....	172	431	37	( <sup>1</sup> )	136	425
Records clerks .....	175	487	18	( <sup>1</sup> )	157	483
Financial records processing .....	1,502	505	134	563	1,368	500
Bookkeepers, accounting, and auditing clerks .....	1,011	502	83	525	928	500
Payroll and timekeeping clerks .....	145	576	12	( <sup>1</sup> )	133	573
Billing clerks .....	174	493	16	( <sup>1</sup> )	158	487
Billing, posting, and calculating machine operators .....	128	491	15	( <sup>1</sup> )	113	485
Communications equipment operators .....	115	467	23	( <sup>1</sup> )	92	478
Telephone operators .....	95	468	17	( <sup>1</sup> )	78	477
Mail and message distributing .....	778	691	487	720	290	627
Postal clerks, except mail carriers .....	259	748	134	773	125	726
Mail carriers, postal service .....	316	745	230	761	86	697
Mail clerks, except postal service .....	123	420	62	485	61	387
Messengers .....	79	557	61	586	18	( <sup>1</sup> )
Material recording, scheduling, and distributing clerks .....	1,728	505	977	518	752	487
Dispatchers .....	240	562	109	595	131	523
Production coordinators .....	207	624	89	755	118	574
Traffic, shipping, and receiving clerks .....	583	478	423	484	161	460
Stock and inventory clerks .....	379	509	214	520	165	495
Expeditors .....	224	440	78	442	146	440
Adjusters and investigators .....	1,708	519	453	586	1,255	509
Insurance adjusters, examiners, and investigators .....	468	596	133	738	334	570
Investigators and adjusters, except insurance .....	972	504	249	534	723	495
Eligibility clerks, social welfare .....	81	576	9	( <sup>1</sup> )	72	570
Bill and account collectors .....	187	486	61	492	126	483
Miscellaneous administrative support occupations .....	2,777	474	451	545	2,327	460
General office clerks .....	579	482	94	521	486	474
Bank tellers .....	318	399	28	( <sup>1</sup> )	289	394
Data-entry keyers .....	476	481	87	502	389	477
Statistical clerks .....	80	491	14	( <sup>1</sup> )	67	475
Teachers' aides .....	456	367	39	( <sup>1</sup> )	417	366
<b>Service occupations .....</b>	<b>11,542</b>	<b>384</b>	<b>5,554</b>	<b>445</b>	<b>5,988</b>	<b>343</b>
Private household .....	338	278	25	( <sup>1</sup> )	312	276
Child care workers .....	109	251	-	-	109	251
Cleaners and servants .....	225	288	24	( <sup>1</sup> )	201	288
<b>Protective services .....</b>	<b>2,300</b>	<b>647</b>	<b>1,892</b>	<b>689</b>	<b>408</b>	<b>501</b>
Supervisors .....	222	866	196	904	27	( <sup>1</sup> )
Police and detectives .....	120	913	103	965	17	( <sup>1</sup> )
Guards .....	61	613	52	637	9	( <sup>1</sup> )
Firefighting and fire prevention .....	238	842	230	843	8	( <sup>1</sup> )
Firefighting .....	225	847	219	846	6	( <sup>1</sup> )
Police and detectives .....	1,072	726	885	744	187	593
Police and detectives, public service .....	598	786	507	805	91	721
Sheriffs, bailiffs, and other law enforcement officers .....	155	680	127	691	28	( <sup>1</sup> )
Correctional institution officers .....	319	602	251	642	67	505
Guards .....	767	460	581	480	187	414
Guards and police, except public service .....	722	469	555	485	167	430

See footnotes at end of table.

## 39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex — Continued

(Numbers in thousands)

Occupation	2002					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Service occupations, except private household and protective .....	8,904	355	3,637	379	5,268	339
Food preparation and service occupations .....	3,370	325	1,740	349	1,630	309
Supervisors .....	261	375	118	409	143	349
Bartenders .....	171	382	87	397	84	367
Waiters and waitresses .....	624	322	183	357	441	311
Cooks, except short order .....	1,395	333	908	355	486	303
Food counter, fountain, and related occupations .....	106	260	39	( <sup>1</sup> )	67	254
Kitchen workers, food preparation .....	166	320	54	326	112	316
Waiters' and waitresses' assistants .....	318	314	167	325	152	302
Miscellaneous food preparation occupations .....	329	305	184	306	146	304
Health service occupations .....	1,992	374	237	385	1,755	372
Dental assistants .....	134	460	3	( <sup>1</sup> )	131	461
Health aides, except nursing .....	255	370	64	380	191	367
Nursing aides, orderlies, and attendants .....	1,603	369	170	386	1,434	367
Cleaning and building service occupations .....	2,249	372	1,356	407	894	324
Supervisors .....	170	451	116	494	54	383
Maids and housemen .....	469	317	103	350	366	311
Janitors and cleaners .....	1,548	383	1,077	404	471	336
Pest control .....	55	421	55	420	-	-
Personal service occupations .....	1,293	375	305	441	989	356
Supervisors .....	61	564	30	( <sup>1</sup> )	31	( <sup>1</sup> )
Hairdressers and cosmetologists .....	366	377	41	( <sup>1</sup> )	325	372
Attendants, amusement and recreation facilities .....	137	399	73	425	64	382
Public transportation attendants .....	80	611	18	( <sup>1</sup> )	61	604
Welfare service aides .....	72	415	12	( <sup>1</sup> )	60	401
Early childhood teachers' assistants .....	265	301	10	( <sup>1</sup> )	255	301
Precision production, craft, and repair .....	11,806	629	10,867	645	939	479
Mechanics and repairers .....	4,075	674	3,881	677	194	593
Supervisors .....	221	807	204	817	17	( <sup>1</sup> )
Mechanics and repairers, except supervisors .....	3,854	666	3,677	670	177	585
Vehicle and mobile equipment mechanics and repairers .....	1,504	633	1,480	637	23	( <sup>1</sup> )
Automobile mechanics .....	653	581	642	583	11	( <sup>1</sup> )
Bus, truck, and stationary engine mechanics .....	308	670	306	673	3	( <sup>1</sup> )
Aircraft engine mechanics .....	121	796	117	804	4	( <sup>1</sup> )
Automobile body and related repairers .....	172	628	168	637	4	( <sup>1</sup> )
Heavy equipment mechanics .....	165	710	164	712	1	( <sup>1</sup> )
Industrial machinery repairers .....	427	685	414	691	13	( <sup>1</sup> )
Electrical and electronic equipment repairers .....	780	752	679	766	101	666
Electronic repairers, communications and industrial equipment .....	169	656	159	669	9	( <sup>1</sup> )
Data processing equipment repairers .....	235	722	195	736	41	( <sup>1</sup> )
Telephone installers and repairers .....	229	825	187	866	42	( <sup>1</sup> )
Heating, air conditioning, and refrigeration mechanics .....	287	659	287	660	1	( <sup>1</sup> )
Miscellaneous mechanics and repairers .....	843	627	803	633	39	( <sup>1</sup> )
Millwrights .....	61	880	58	884	4	( <sup>1</sup> )
Construction trades .....	4,534	605	4,440	606	94	553
Supervisors .....	554	778	538	784	16	( <sup>1</sup> )
Construction trades, except supervisors .....	3,980	585	3,902	586	78	501
Brickmasons and stonemasons .....	175	580	175	580	-	-
Tile setters, hard and soft .....	66	551	65	559	1	( <sup>1</sup> )
Carpet installers .....	76	412	73	414	3	( <sup>1</sup> )
Carpenters .....	1,100	553	1,081	554	19	( <sup>1</sup> )
Drywall installers .....	117	489	117	489	-	-
Electricians .....	757	730	740	730	17	( <sup>1</sup> )
Electrical power installers and repairers .....	117	730	114	725	2	( <sup>1</sup> )
Painters, construction and maintenance .....	390	447	371	453	18	( <sup>1</sup> )
Plumbers, pipefitters, steamfitters, and apprentices .....	459	699	455	698	5	( <sup>1</sup> )
Concrete and terrazzo finishers .....	93	510	92	509	1	( <sup>1</sup> )
Insulation workers .....	53	602	48	( <sup>1</sup> )	5	( <sup>1</sup> )
Roofers .....	138	504	137	503	1	( <sup>1</sup> )
Structural metalworkers .....	65	769	63	771	2	( <sup>1</sup> )
Extractive occupations .....	104	831	103	828	1	( <sup>1</sup> )

See footnotes at end of table.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex — Continued**

(Numbers in thousands)

Occupation	2002					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Precision production occupations .....	3,092	612	2,442	663	650	445
Supervisors .....	985	703	802	744	182	538
Precision metalworking occupations .....	758	658	719	670	39	( <sup>1</sup> )
Tool and die makers .....	96	762	94	770	2	( <sup>1</sup> )
Machinists .....	441	646	421	657	19	( <sup>1</sup> )
Sheet-metal workers .....	115	574	111	580	3	( <sup>1</sup> )
Precision woodworking occupations .....	65	475	60	486	5	( <sup>1</sup> )
Precision textile, apparel, and furnishings machine workers .....	113	412	62	420	51	406
Precision workers, assorted materials .....	388	483	177	555	210	425
Optical goods workers .....	54	507	19	( <sup>1</sup> )	35	( <sup>1</sup> )
Electrical and electronic equipment assemblers .....	220	451	79	499	140	423
Precision food production occupations .....	346	428	231	474	115	365
Butchers and meat cutters .....	203	447	159	481	44	( <sup>1</sup> )
Bakers .....	105	400	57	436	48	( <sup>1</sup> )
Precision inspectors, testers, and related workers .....	150	684	117	709	33	( <sup>1</sup> )
Inspectors, testers, and graders .....	147	677	114	702	33	( <sup>1</sup> )
Plant and system operators .....	288	755	273	763	15	( <sup>1</sup> )
Water and sewage treatment plant operators .....	79	658	76	667	4	( <sup>1</sup> )
Stationary engineers .....	128	777	124	784	4	( <sup>1</sup> )
Operators, fabricators, and laborers .....	14,645	482	11,499	511	3,147	385
Machine operators, assemblers, and inspectors .....	5,841	474	3,876	520	1,965	386
Machine operators and tenders, except precision .....	3,706	461	2,499	509	1,207	374
Metalworking and plastic working machine operators .....	279	524	231	540	48	( <sup>1</sup> )
Punching and stamping press machine operators .....	70	484	50	516	19	( <sup>1</sup> )
Grinding, abrading, buffing, and polishing machine operators .....	85	518	68	520	16	( <sup>1</sup> )
Metal and plastic processing machine operators .....	130	492	106	528	24	( <sup>1</sup> )
Molding and casting machine operators .....	82	452	62	540	20	( <sup>1</sup> )
Woodworking machine operators .....	103	445	91	451	13	( <sup>1</sup> )
Sawing machine operators .....	71	451	65	468	6	( <sup>1</sup> )
Printing machine operators .....	304	548	233	608	70	428
Printing press operators .....	244	579	202	615	42	( <sup>1</sup> )
Textile, apparel, and furnishings machine operators .....	640	331	219	386	421	316
Textile sewing machine operators .....	318	316	81	322	238	314
Pressing machine operators .....	54	315	18	( <sup>1</sup> )	36	( <sup>1</sup> )
Laundering and dry cleaning machine operators .....	152	324	63	414	89	300
Machine operators, assorted materials .....	2,239	481	1,613	511	626	399
Packaging and filling machine operators .....	246	389	115	421	131	354
Mixing and blending machine operators .....	102	508	90	503	12	( <sup>1</sup> )
Separating, filtering, and clarifying machine operators .....	66	624	58	740	7	( <sup>1</sup> )
Painting and paint spraying machine operators .....	133	475	116	486	17	( <sup>1</sup> )
Slicing and cutting machine operators .....	129	467	101	492	28	( <sup>1</sup> )
Photographic process machine operators .....	57	365	27	( <sup>1</sup> )	31	( <sup>1</sup> )
Fabricators, assemblers, and hand working occupations .....	1,549	490	1,084	533	465	400
Welders and cutters .....	449	565	427	573	22	( <sup>1</sup> )
Assemblers .....	1,011	459	601	507	410	401
Production inspectors, testers, samplers, and weighers .....	586	492	294	596	292	410
Production inspectors, checkers, and examiners .....	438	511	214	609	224	432
Production testers .....	50	618	38	( <sup>1</sup> )	11	( <sup>1</sup> )
Graders and sorters, except agricultural .....	96	333	40	( <sup>1</sup> )	56	308
Transportation and material moving occupations .....	4,651	579	4,284	591	367	449
Motor vehicle operators .....	3,423	582	3,108	595	315	434
Supervisors .....	75	688	56	712	18	( <sup>1</sup> )
Truck drivers .....	2,601	600	2,499	604	102	443
Drivers--sales workers .....	114	600	109	603	4	( <sup>1</sup> )
Bus drivers .....	390	493	228	527	162	431
Taxicab drivers and chauffeurs .....	204	476	178	500	26	( <sup>1</sup> )

See footnotes at end of table.

## 39. Median weekly earnings of full-time wage and salary workers by detailed occupation and sex — Continued

(Numbers in thousands)

Occupation	2002					
	Both sexes		Men		Women	
	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings	Number of workers	Median weekly earnings
Transportation occupations, except motor vehicles .....	156	884	151	902	5	( <sup>1</sup> )
Rail transportation .....	106	866	103	872	4	( <sup>1</sup> )
Locomotive operating occupations .....	59	863	57	881	2	( <sup>1</sup> )
Material moving equipment operators .....	1,072	539	1,024	544	48	( <sup>1</sup> )
Operating engineers .....	248	618	246	616	2	( <sup>1</sup> )
Crane and tower operators .....	69	720	69	718	-	-
Excavating and loading machine operators .....	78	641	77	645	1	( <sup>1</sup> )
Industrial truck and tractor equipment operators .....	547	491	509	491	39	( <sup>1</sup> )
Handlers, equipment cleaners, helpers, and laborers .....	4,153	400	3,339	411	814	359
Helpers, construction and extractive occupations .....	109	375	105	373	4	( <sup>1</sup> )
Helpers, construction trades .....	101	376	97	374	4	( <sup>1</sup> )
Construction laborers .....	906	431	876	435	30	( <sup>1</sup> )
Production helpers .....	50	419	42	( <sup>1</sup> )	8	( <sup>1</sup> )
Freight, stock, and material handlers .....	1,304	393	1,004	403	300	363
Stock handlers and baggers .....	625	343	414	345	211	341
Machine feeders and offbearers .....	53	410	30	( <sup>1</sup> )	24	( <sup>1</sup> )
Garage and service station related occupations .....	133	376	122	382	11	( <sup>1</sup> )
Vehicle washers and equipment cleaners .....	216	346	194	352	22	( <sup>1</sup> )
Hand packers and packagers .....	347	357	134	370	213	349
Laborers, except construction .....	1,048	413	830	430	219	361
Farming, forestry, and fishing .....	1,687	363	1,417	376	270	308
Farm operators and managers .....	85	487	61	571	24	( <sup>1</sup> )
Farm managers .....	68	488	49	( <sup>1</sup> )	19	( <sup>1</sup> )
Other agricultural and related occupations .....	1,530	354	1,287	368	243	304
Farm occupations, except managerial .....	613	322	505	333	107	292
Farm workers .....	562	318	468	327	94	289
Related agricultural occupations .....	917	379	781	390	135	314
Supervisors, related agricultural occupations .....	92	561	88	568	4	( <sup>1</sup> )
Groundskeepers and gardeners, except farm .....	681	375	651	375	30	( <sup>1</sup> )
Animal caretakers, except farm .....	82	343	26	( <sup>1</sup> )	57	313
Graders and sorters, agricultural products .....	55	296	13	( <sup>1</sup> )	43	( <sup>1</sup> )
Forestry and logging occupations .....	52	473	49	( <sup>1</sup> )	2	( <sup>1</sup> )

<sup>1</sup> Data not shown where base is less than 50,000.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**40. Union affiliation of employed wage and salary workers by selected characteristics**

(Numbers in thousands)

Characteristic	2001					2002				
	Total em- ployed	Members of unions <sup>1</sup>		Represented by unions <sup>2</sup>		Total em- ployed	Members of unions <sup>1</sup>		Represented by unions <sup>2</sup>	
		Total	Percent of em- ployed	Total	Percent of em- ployed		Total	Percent of em- ployed	Total	Percent of em- ployed
<b>SEX AND AGE</b>										
Total, 16 years and over .....	122,482	16,387	13.4	18,114	14.8	122,009	16,108	13.2	17,772	14.6
16 to 24 years .....	19,698	1,015	5.2	1,184	6.0	19,258	985	5.1	1,132	5.9
25 years and over .....	102,784	15,372	15.0	16,930	16.5	102,751	15,123	14.7	16,640	16.2
25 to 34 years .....	28,809	3,264	11.3	3,659	12.7	28,253	3,164	11.2	3,541	12.5
35 to 44 years .....	31,962	4,733	14.8	5,191	16.2	31,296	4,442	14.2	4,876	15.6
45 to 54 years .....	26,909	5,068	18.8	5,543	20.6	27,086	5,011	18.5	5,470	20.2
55 to 64 years .....	12,032	2,063	17.1	2,265	18.8	12,982	2,257	17.4	2,469	19.0
65 years and over .....	3,072	243	7.9	272	8.9	3,133	247	7.9	284	9.1
Men, 16 years and over .....	63,756	9,578	15.0	10,410	16.3	63,384	9,335	14.7	10,135	16.0
16 to 24 years .....	10,137	607	6.0	704	6.9	9,862	610	6.2	691	7.0
25 years and over .....	53,619	8,971	16.7	9,706	18.1	53,522	8,725	16.3	9,444	17.6
25 to 34 years .....	15,627	1,983	12.7	2,169	13.9	15,297	1,879	12.3	2,075	13.6
35 to 44 years .....	16,657	2,821	16.9	3,028	18.2	16,390	2,632	16.1	2,821	17.2
45 to 54 years .....	13,561	2,840	20.9	3,070	22.6	13,611	2,793	20.5	3,006	22.1
55 to 64 years .....	6,168	1,195	19.4	1,292	20.9	6,593	1,285	19.5	1,386	21.0
65 years and over .....	1,605	131	8.1	148	9.2	1,630	136	8.3	156	9.5
Women, 16 years and over .....	58,726	6,809	11.6	7,704	13.1	58,625	6,772	11.6	7,636	13.0
16 to 24 years .....	9,561	409	4.3	480	5.0	9,397	375	4.0	441	4.7
25 years and over .....	49,166	6,400	13.0	7,224	14.7	49,229	6,398	13.0	7,195	14.6
25 to 34 years .....	13,181	1,281	9.7	1,490	11.3	12,956	1,285	9.9	1,465	11.3
35 to 44 years .....	15,305	1,912	12.5	2,163	14.1	14,906	1,810	12.1	2,055	13.8
45 to 54 years .....	13,349	2,227	16.7	2,474	18.5	13,474	2,218	16.5	2,464	18.3
55 to 64 years .....	5,864	868	14.8	973	16.6	6,390	972	15.2	1,083	17.0
65 years and over .....	1,467	113	7.7	124	8.5	1,503	112	7.4	128	8.5
<b>RACE, HISPANIC ORIGIN, AND SEX</b>										
White, 16 years and over .....	101,546	13,209	13.0	14,574	14.4	101,082	12,930	12.8	14,228	14.1
Men .....	53,731	7,909	14.7	8,585	16.0	53,305	7,700	14.4	8,335	15.6
Women .....	47,815	5,300	11.1	5,989	12.5	47,777	5,230	10.9	5,893	12.3
Black, 16 years and over .....	14,261	2,409	16.9	2,668	18.7	14,127	2,383	16.9	2,648	18.7
Men .....	6,488	1,221	18.8	1,330	20.5	6,499	1,184	18.2	1,297	20.0
Women .....	7,773	1,188	15.3	1,338	17.2	7,628	1,198	15.7	1,351	17.7
Hispanic origin, 16 years and over .....	15,174	1,679	11.1	1,876	12.4	15,523	1,638	10.5	1,823	11.7
Men .....	8,997	1,032	11.5	1,136	12.6	9,131	1,012	11.1	1,114	12.2
Women .....	6,177	647	10.5	740	12.0	6,392	625	9.8	709	11.1
<b>FULL- OR PART-TIME STATUS<sup>3</sup></b>										
Full-time workers .....	101,187	14,921	14.7	16,445	16.3	100,204	14,592	14.6	16,078	16.0
Part-time workers .....	21,057	1,437	6.8	1,637	7.8	21,573	1,484	6.9	1,658	7.7

<sup>1</sup> Data refer to members of a labor union or an employee association similar to a union.

<sup>2</sup> Data refer to members of a labor union or an employee association similar to a union as well as workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

<sup>3</sup> The distinction between full- and part-time workers is based on hours usually worked. Beginning in 1994, these data will not sum to totals because full- or part-time status on the principal job is not identifiable for a small number of multiple jobholders.

NOTE: Data for 2001 have been revised to reflect the introduction of Census 2000-based population controls. In addition, data on "represented by

unions" incorporate a minor change to the allocation procedure for that item. The change in procedure had a negligible effect on the estimates. Some estimates for 2002 will differ slightly from those previously published in USDL 03-88, "Union Members in 2002." These differences are due to a change in the way the data were processed. Data refer to the sole or principal job of full- and part-time workers. Excluded are all self-employed workers regardless of whether or not their businesses are incorporated. 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.



## 41. Median weekly earnings of full-time wage and salary workers by union affiliation and selected characteristics

Characteristic	2001				2002			
	Total	Members of unions <sup>1</sup>	Repre- sented by unions <sup>2</sup>	Non- union	Total	Members of unions <sup>1</sup>	Repre- sented by unions <sup>2</sup>	Non- union
<b>SEX AND AGE</b>								
Total, 16 years and over .....	\$595	\$717	\$711	\$573	\$609	\$740	\$734	\$587
16 to 24 years .....	375	471	473	368	381	497	494	374
25 years and over .....	629	732	727	610	647	753	748	623
25 to 34 years .....	576	654	645	559	590	682	670	577
35 to 44 years .....	655	742	736	634	669	759	753	647
45 to 54 years .....	691	775	773	661	707	789	787	675
55 to 64 years .....	641	745	744	614	673	787	784	639
65 years and over .....	472	607	604	441	502	592	594	484
Men, 16 years and over .....	668	764	759	642	680	780	776	652
16 to 24 years .....	390	481	485	384	392	498	494	385
25 years and over .....	718	779	777	700	732	797	793	713
25 to 34 years .....	616	697	688	605	627	722	709	614
35 to 44 years .....	752	798	793	741	759	810	806	747
45 to 54 years .....	797	811	811	788	808	831	831	796
55 to 64 years .....	767	800	807	749	799	836	838	779
65 years and over .....	550	693	709	522	583	610	616	576
Women, 16 years and over .....	511	643	638	493	530	667	662	510
16 to 24 years .....	353	456	455	348	366	495	494	361
25 years and over .....	541	655	651	518	570	679	674	542
25 to 34 years .....	513	600	597	502	531	624	619	517
35 to 44 years .....	544	641	639	522	573	669	666	548
45 to 54 years .....	587	720	715	553	603	730	726	581
55 to 64 years .....	539	656	658	512	574	706	705	542
65 years and over .....	372	494	483	359	428	550	551	414
<b>RACE, HISPANIC ORIGIN, AND SEX</b>								
White, 16 years and over .....	610	739	734	589	624	763	757	602
Men .....	688	782	779	663	702	804	801	674
Women .....	521	666	660	503	549	695	688	521
Black, 16 years and over .....	486	604	598	462	498	615	610	477
Men .....	517	651	637	497	523	651	640	502
Women .....	452	563	563	424	474	588	588	445
Hispanic origin, 16 years and over .....	413	575	572	398	423	623	617	408
Men .....	433	606	605	413	449	666	655	422
Women .....	385	500	499	371	396	558	569	381

<sup>1</sup> Data refer to members of a labor union or an employee association similar to a union.

<sup>2</sup> Data refer to members of a labor union or an employee association similar to a union as well as workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

NOTE: Data for 2001 have been revised to reflect the introduction of Census 2000-based population controls. In addition, data on "represented by unions" incorporate a minor change to the allocation procedure for that item. The change in procedure had a negligible effect on the estimates. Some

estimates for 2002 will differ slightly from those previously published in USDL 03-88, "Union Members in 2002." These differences are due to a change in the way the data were processed. Data refer to the sole or principal job of full-time workers. Excluded are all self-employed workers regardless of whether or not their businesses are incorporated. 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.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**42. Union affiliation of employed wage and salary workers by occupation and industry**

(Numbers in thousands)

Occupation and industry	2001					2002				
	Total em- ployed	Members of unions <sup>1</sup>		Represented by unions <sup>2</sup>		Total em- ployed	Members of unions <sup>1</sup>		Represented by unions <sup>2</sup>	
		Total	Percent of em- ployed	Total	Percent of em- ployed		Total	Percent of em- ployed	Total	Percent of em- ployed
<b>OCCUPATION</b>										
Managerial and professional specialty .....	36,660	4,665	12.7	5,417	14.8	36,969	4,788	13.0	5,534	15.0
Executive, administrative, and managerial .....	17,075	945	5.5	1,148	6.7	17,296	1,005	5.8	1,223	7.1
Professional specialty .....	19,585	3,720	19.0	4,269	21.8	19,674	3,783	19.2	4,310	21.9
Technical, sales, and administrative support .....	36,335	3,208	8.8	3,632	10.0	35,770	3,176	8.9	3,552	9.9
Technicians and related support .....	4,448	474	10.7	537	12.1	4,349	469	10.8	524	12.0
Sales occupations .....	13,749	480	3.5	549	4.0	13,810	496	3.6	559	4.0
Administrative support, including clerical .....	18,138	2,253	12.4	2,545	14.0	17,610	2,210	12.6	2,470	14.0
Service occupations .....	17,434	2,296	13.2	2,504	14.4	17,898	2,249	12.6	2,473	13.8
Protective service .....	2,482	936	37.7	1,004	40.5	2,584	957	37.0	1,021	39.5
Service, except protective service .....	14,952	1,360	9.1	1,500	10.0	15,314	1,293	8.4	1,452	9.5
Precision production, craft, and repair .....	12,886	2,740	21.3	2,874	22.3	12,413	2,570	20.7	2,686	21.6
Operators, fabricators, and laborers .....	17,250	3,394	19.7	3,590	20.8	16,901	3,235	19.1	3,422	20.3
Machine operators, assemblers, and inspectors .....	6,676	1,338	20.0	1,413	21.2	6,269	1,184	18.9	1,244	19.8
Transportation and material moving occupations .....	5,226	1,215	23.2	1,292	24.7	5,294	1,163	22.0	1,241	23.4
Handlers, equipment cleaners, helpers, and laborers .....	5,347	841	15.7	885	16.6	5,338	888	16.6	938	17.6
Farming, forestry, and fishing .....	1,917	83	4.3	98	5.1	2,058	89	4.3	104	5.1
<b>INDUSTRY</b>										
Private wage and salary workers .....	103,142	9,201	8.9	10,028	9.7	102,420	8,756	8.5	9,548	9.3
Agriculture .....	1,725	27	1.6	36	2.1	1,819	42	2.3	48	2.6
Nonagricultural industries .....	101,417	9,174	9.0	9,993	9.9	100,600	8,714	8.7	9,501	9.4
Mining .....	531	66	12.4	70	13.1	458	39	8.5	46	10.0
Construction .....	7,054	1,275	18.1	1,321	18.7	6,883	1,184	17.2	1,228	17.8
Manufacturing .....	18,501	2,697	14.6	2,861	15.5	17,324	2,484	14.3	2,621	15.1
Durable goods .....	11,252	1,690	15.0	1,787	15.9	10,344	1,612	15.6	1,687	16.3
Nondurable goods .....	7,249	1,008	13.9	1,073	14.8	6,979	872	12.5	935	13.4
Transportation and public utilities .....	7,502	1,752	23.4	1,851	24.7	7,433	1,712	23.0	1,810	24.3
Transportation .....	4,501	1,077	23.9	1,140	25.3	4,525	1,078	23.8	1,133	25.0
Communications and public utilities .....	3,001	675	22.5	711	23.7	2,908	634	21.8	677	23.3
Wholesale and retail trade .....	25,354	1,182	4.7	1,298	5.1	25,475	1,134	4.5	1,256	4.9
Wholesale trade .....	4,615	254	5.5	273	5.9	4,514	220	4.9	238	5.3
Retail trade .....	20,740	928	4.5	1,025	4.9	20,961	914	4.4	1,018	4.9
Finance, insurance, and real estate .....	7,742	156	2.0	217	2.8	7,849	151	1.9	196	2.5
Services .....	34,733	2,046	5.9	2,376	6.8	35,179	2,011	5.7	2,344	6.7
Government workers .....	19,340	7,186	37.2	8,086	41.8	19,589	7,352	37.5	8,223	42.0
Federal .....	3,324	1,046	31.5	1,221	36.8	3,297	1,064	32.3	1,244	37.7
State .....	5,729	1,737	30.3	1,980	34.6	5,706	1,758	30.8	2,005	35.1
Local .....	10,287	4,403	42.8	4,885	47.5	10,585	4,530	42.8	4,974	47.0

<sup>1</sup> Data refer to members of a labor union or an employee association similar to a union.

<sup>2</sup> Data refer to members of a labor union or an employee association similar to a union as well as workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

NOTE: Data for 2001 have been revised to reflect the introduction of Census 2000-based population controls. In addition, data on "represented by

unions" incorporate a minor change to the allocation procedure for that item. The change in procedure had a negligible effect on the estimates. Some estimates for 2002 will differ slightly from those previously published in USDL 03-88, "Union Members in 2002." These differences are due to a change in the way the data were processed. Data refer to the sole or principal job of full- and part-time workers. Excluded are all self-employed workers regardless of whether or not their businesses are incorporated.

## 43. Median weekly earnings of full-time wage and salary workers by union affiliation, occupation, and industry

Occupation and industry	2001				2002			
	Total	Members of unions <sup>1</sup>	Represented by unions <sup>2</sup>	Non-union	Total	Members of unions <sup>1</sup>	Represented by unions <sup>2</sup>	Non-union
<b>OCCUPATION</b>								
Managerial and professional specialty .....	\$859	\$865	\$860	\$859	\$884	\$890	\$884	\$884
Executive, administrative, and managerial .....	865	869	881	863	890	892	903	889
Professional specialty .....	854	864	855	854	879	889	880	879
Technical, sales, and administrative support .....	521	614	606	513	550	633	625	536
Technicians and related support .....	673	731	737	663	694	775	762	682
Sales occupations .....	574	557	554	575	601	572	570	601
Administrative support, including clerical .....	486	598	588	472	503	613	608	490
Service occupations .....	377	553	546	351	384	595	585	358
Protective service .....	628	807	794	518	647	820	811	519
Service, except protective service .....	345	426	423	333	352	448	445	341
Precision production, craft, and repair .....	624	821	815	588	629	821	814	590
Operators, fabricators, and laborers .....	464	618	611	424	482	635	627	445
Machine operators, assemblers, and inspectors .....	454	585	579	419	474	616	608	440
Transportation and material moving occupations .....	572	722	714	520	579	728	716	525
Handlers, equipment cleaners, helpers, and laborers .....	387	529	522	368	400	555	549	381
Farming, forestry, and fishing .....	351	588	580	342	363	548	524	357
<b>INDUSTRY</b>								
Private wage and salary workers .....	578	682	674	563	591	701	691	581
Agriculture .....	368	( <sup>3</sup> )	( <sup>3</sup> )	367	372	( <sup>3</sup> )	( <sup>3</sup> )	371
Nonagricultural industries .....	582	\$683	\$675	569	595	\$702	\$692	585
Mining .....	791	815	815	784	822	( <sup>3</sup> )	( <sup>3</sup> )	825
Construction .....	605	865	853	562	599	\$845	\$836	559
Manufacturing .....	610	642	638	604	624	654	653	619
Durable goods .....	631	674	668	622	647	675	673	640
Nondurable goods .....	580	604	602	573	595	613	614	591
Transportation and public utilities .....	704	796	791	668	706	810	805	664
Transportation .....	643	781	775	609	642	782	778	605
Communications and public utilities .....	793	816	813	781	810	857	850	785
Wholesale and retail trade .....	466	539	525	462	480	552	540	477
Wholesale trade .....	622	653	659	620	626	664	659	623
Retail trade .....	420	494	486	417	434	505	497	430
Finance, insurance, and real estate .....	655	587	598	657	676	598	601	681
Services .....	579	598	597	578	596	650	645	592
Government workers .....	684	753	748	620	708	770	767	640
Federal .....	771	761	767	775	795	780	788	809
State .....	650	718	712	610	675	738	735	631
Local .....	667	764	755	580	688	782	773	597

<sup>1</sup> Data refer to members of a labor union or an employee association similar to a union.

<sup>2</sup> Data refer to members of a labor union or an employee association similar to a union as well as workers who report no union affiliation but whose jobs are covered by a union or an employee association contract.

<sup>3</sup> Data not shown where base is less than 50,000.

NOTE: Data for 2001 have been revised to reflect the introduction of Census 2000-based population controls. In addition, data on "represented by

unions" incorporate a minor change to the allocation procedure for that item. The change in procedure had a negligible effect on the estimates. Some estimates for 2002 will differ slightly from those previously published in USDL 03-88, "Union Members in 2002." These differences are due to a change in the way the data were processed. Data refer to the sole or principal job of full-time workers. Excluded are all self-employed workers regardless of whether or not their businesses are incorporated.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**Table 44. Wage and salary workers paid hourly rates with earnings at or below the prevailing Federal minimum wage by selected characteristics**

(Numbers in thousands)

Characteristic	2002				
	Workers paid hourly rates				
	Total	Below prevailing Federal minimum wage	At prevailing Federal minimum wage	Total at or below prevailing Federal minimum wage	
Number				Percent of hourly-paid workers	
SEX AND AGE					
Total, 16 years and over .....	72,720	1,598	570	2,168	3.0
16 to 24 years .....	16,191	818	340	1,158	7.1
25 years and over .....	56,529	780	230	1,010	1.8
Men, 16 years and over .....	36,135	582	218	800	2.2
16 to 24 years .....	8,242	307	146	453	5.5
25 years and over .....	27,893	275	72	347	1.2
Women, 16 years and over .....	36,585	1,016	352	1,368	3.7
16 to 24 years .....	7,949	511	194	705	8.9
25 years and over .....	28,636	505	158	663	2.3
RACE, HISPANIC ORIGIN, AND SEX					
White, 16 years and over .....	59,199	1,329	452	1,781	3.0
Men .....	29,829	464	162	625	2.1
Women .....	29,370	865	290	1,155	3.9
Black, 16 years and over .....	9,692	187	89	276	2.8
Men .....	4,469	85	44	129	2.9
Women .....	5,224	102	45	147	2.8
Hispanic origin, 16 years and over .....	11,206	195	110	305	2.7
Men .....	6,624	97	47	143	2.2
Women .....	4,582	98	64	162	3.5
FULL- AND PART-TIME STATUS AND SEX <sup>1</sup>					
Full-time workers .....	55,029	682	169	851	1.5
Men .....	30,472	285	82	367	1.2
Women .....	24,557	396	87	483	2.0
Part-time workers .....	17,568	908	401	1,308	7.4
Men .....	5,599	294	136	430	7.7
Women .....	11,969	614	265	879	7.3

<sup>1</sup> The distinction between full- and part-time workers is based on hours usually worked. These data will not sum to totals because full- or part-time status on the principal job is not identifiable for a small number of multiple jobholders.

NOTE: The prevailing Federal minimum wage was \$5.15 per hour in 2002. Data are for wage and salary workers, excluding the incorporated self-employed. They refer to a person's earnings on their sole or principal job, and pertain only to workers who are paid hourly rates. Salaried workers and other nonhourly workers are not included. The

presence of workers with hourly earnings below the minimum wage does not necessarily indicate violations of the Fair Labor Standards Act, as there are exceptions to the minimum wage provisions of the law. In addition, some survey respondents might have rounded hourly earnings to the nearest dollar, and, as a result, reported hourly earnings below the minimum wage even though they earned the minimum wage or higher. 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.

**Table 45. Wage and salary workers paid hourly rates with earnings at or below the prevailing Federal minimum wage by occupation and industry**

(Numbers in thousands)

Occupation and industry	2002				
	Workers paid hourly rates				
	Total	Below prevailing Federal minimum wage	At prevailing Federal minimum wage	Total at or below prevailing Federal minimum wage	
				Number	Percent of hourly-paid workers
OCCUPATION					
Managerial and professional specialty .....	10,744	48	25	73	.7
Executive, administrative, and managerial .....	4,531	28	6	34	.8
Professional specialty .....	6,212	20	19	39	.6
Technical, sales, and administrative support .....	22,594	157	174	331	1.5
Technicians and related support .....	2,801	5	6	12	.4
Sales occupations .....	7,467	97	108	204	2.7
Administrative support, including clerical .....	12,326	54	61	115	.9
Service occupations .....	14,235	1,191	263	1,454	10.2
Private household .....	371	58	5	63	17.0
Protective service .....	1,655	15	3	18	1.1
Service, except private household and protective .....	12,209	1,119	254	1,373	11.2
Food service workers .....	5,839	975	166	1,141	19.5
Health service workers .....	2,416	32	12	44	1.8
Cleaning and building service workers .....	2,439	46	34	80	3.3
Personal service workers .....	1,514	67	42	108	7.2
Precision production, craft, and repair .....	9,535	43	12	55	.6
Operators, fabricators, and laborers .....	14,170	137	80	216	1.5
Machine operators, assemblers, and inspectors .....	5,610	30	17	47	.8
Transportation and material moving occupations .....	3,745	38	11	49	1.3
Handlers, equipment cleaners, helpers, and laborers .....	4,815	69	52	121	2.5
Farming, forestry, and fishing .....	1,443	22	15	38	2.6
INDUSTRY					
Private wage and salary workers .....	63,670	1,518	509	2,026	3.2
Agriculture .....	1,220	19	10	29	2.4
Nonagricultural industries .....	62,449	1,498	499	1,997	3.2
Mining .....	286	1	-	1	.5
Construction .....	5,049	34	5	39	.8
Manufacturing .....	11,355	35	31	66	.6
Durable goods .....	6,833	21	17	38	.5
Nondurable goods .....	4,521	14	14	29	.6
Transportation and public utilities .....	4,209	31	8	39	.9
Transportation .....	2,684	26	5	32	1.2
Communications and other public utilities .....	1,525	5	3	7	.5
Wholesale and retail trade .....	18,105	1,055	298	1,353	7.5
Wholesale trade .....	2,230	9	4	13	.6
Retail trade .....	15,874	1,046	294	1,340	8.4
Eating and drinking places .....	5,601	929	180	1,109	19.8
Finance, insurance, and real estate .....	3,010	14	8	22	.7
Services .....	20,436	328	148	477	2.3
Private households .....	414	60	6	66	15.8
Other service industries .....	20,022	269	143	411	2.1
Personal services, except private households .....	1,829	72	42	114	6.2
Entertainment and recreation services .....	1,391	52	17	69	5.0
Government workers .....	9,050	81	61	142	1.6
Federal .....	1,786	15	7	22	1.2
State .....	2,382	27	23	50	2.1
Local .....	4,882	39	30	70	1.4

NOTE: The prevailing Federal minimum wage was \$5.15 per hour in 2002. Data are for wage and salary workers, excluding the incorporated self-employed. They refer to a person's earnings on their sole or principal job, and pertain only to workers who are paid hourly rates. Salaried workers and other nonhourly workers are not included. The presence of workers with hourly earnings below the minimum wage does not

necessarily indicate violations of the Fair Labor Standards Act, as there are exceptions to the minimum wage provisions of the law. In addition, some survey respondents might have rounded hourly earnings to the nearest dollar, and, as a result, reported hourly earnings below the minimum wage even though they earned the minimum wage or higher.

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**46. Absences from work of employed full-time wage and salary workers by age and sex**

(Numbers in thousands)

Age and sex	2002						
	Total employed	Absence rate <sup>1</sup>			Lost worktime rate <sup>2</sup>		
		Total	Illness or injury	Other reasons	Total	Illness or injury	Other reasons
Total, 16 years and over .....	100,228	3.5	2.5	1.0	1.9	1.3	0.6
16 to 19 years .....	1,902	2.9	2.1	.9	1.3	.8	.4
20 to 24 years .....	9,267	3.5	2.3	1.2	1.8	1.1	.7
25 years and over .....	89,060	3.6	2.5	1.0	1.9	1.4	.5
25 to 54 years .....	76,585	3.5	2.4	1.1	1.9	1.3	.6
55 years and over .....	12,475	3.8	3.1	.7	2.1	1.8	.3
Men, 16 years and over .....	56,458	2.6	2.0	.6	1.4	1.1	.3
16 to 19 years .....	1,139	2.2	1.7	.5	.9	.7	.2
20 to 24 years .....	5,210	2.3	1.8	.5	1.1	.9	.2
25 years and over .....	50,109	2.6	2.0	.6	1.4	1.1	.3
25 to 54 years .....	43,220	2.5	1.9	.6	1.3	1.0	.3
55 years and over .....	6,889	3.2	2.7	.5	1.9	1.7	.2
Women, 16 years and over .....	43,771	4.8	3.2	1.6	2.6	1.7	.9
16 to 19 years .....	763	4.1	2.7	1.5	1.8	1.1	.8
20 to 24 years .....	4,057	4.9	2.9	2.1	2.6	1.3	1.4
25 years and over .....	38,951	4.8	3.3	1.5	2.6	1.7	.9
25 to 54 years .....	33,365	4.8	3.2	1.6	2.6	1.6	1.0
55 years and over .....	5,586	4.5	3.7	.9	2.4	2.0	.4

<sup>1</sup> Absences are defined as instances when persons who usually work 35 or more hours a week worked less than 35 hours during the reference week for one of the following reasons: Own illness, injury, or medical problems; child-care problems; other family or personal obligations; civic or military duty; and maternity or paternity leave. Excluded are situations in which work was missed due to vacation or personal days, holiday, labor dispute, and other reasons. For multiple jobholders, absence data refer

only to work missed at their main jobs. The absence rate is the ratio of workers with absences to total full-time wage and salary employment. The estimates of full-time wage and salary employment shown in this table do not match those in other tables because the estimates in this table are based on the full CPS sample and those in the other tables are based on a quarter of the sample only.

<sup>2</sup> Hours absent as a percent of hours usually worked.

## 47. Absences from work of employed full-time wage and salary workers by occupation and industry

(Numbers in thousands)

Occupation and industry	2002						
	Total employed	Absence rate <sup>1</sup>			Lost worktime rate <sup>2</sup>		
		Total	Illness or injury	Other reasons	Total	Illness or injury	Other reasons
<b>OCCUPATION</b>							
Managerial and professional specialty .....	32,655	3.0	2.0	1.0	1.5	0.9	0.6
Executive, administrative, and managerial .....	16,031	2.8	1.9	.9	1.4	.9	.5
Professional specialty .....	16,623	3.2	2.1	1.1	1.6	1.0	.6
Technical, sales, and administrative support .....	27,860	4.0	2.8	1.2	2.1	1.4	.6
Technicians and related support .....	3,716	4.0	2.8	1.2	2.1	1.4	.6
Sales occupations .....	10,193	3.0	2.1	1.0	1.6	1.1	.5
Administrative support, including clerical .....	13,952	4.8	3.4	1.4	2.4	1.7	.8
Service occupations .....	11,500	4.1	2.9	1.2	2.3	1.7	.6
Precision production, craft, and repair .....	11,858	3.1	2.4	.7	1.7	1.4	.3
Operators, fabricators, and laborers .....	14,677	3.7	2.9	.9	2.2	1.8	.4
Farming, forestry, and fishing .....	1,679	2.9	2.3	.7	1.7	1.3	.4
<b>INDUSTRY</b>							
Agricultural wage and salary workers .....	1,492	2.4	1.7	.7	1.4	1.0	.4
Private nonagricultural wage and salary workers .....	81,990	3.4	2.4	1.0	1.8	1.3	.5
Mining .....	471	2.7	1.9	.8	2.0	1.4	.6
Construction .....	6,443	3.0	2.3	.7	1.5	1.2	.3
Manufacturing .....	16,531	3.3	2.5	.8	1.9	1.4	.5
Durable goods .....	10,063	3.3	2.4	.8	1.8	1.4	.4
Nondurable goods .....	6,468	3.4	2.5	.9	1.9	1.5	.5
Transportation and public utilities .....	6,678	3.5	2.6	.9	2.2	1.7	.5
Transportation .....	3,894	3.4	2.6	.8	2.3	1.8	.5
Communications and other public utilities .....	2,785	3.5	2.6	.9	2.0	1.5	.5
Wholesale and retail trade .....	17,871	3.2	2.2	1.0	1.7	1.2	.5
Wholesale trade .....	4,130	2.8	2.0	.8	1.5	1.1	.4
Retail trade .....	13,741	3.4	2.3	1.0	1.8	1.3	.5
Finance, insurance, and real estate .....	6,966	3.5	2.3	1.2	1.8	1.1	.7
Services .....	27,029	3.6	2.5	1.1	1.9	1.2	.6
Government workers .....	16,747	4.3	3.1	1.2	2.2	1.5	.7

<sup>1</sup> Absences are defined as instances when persons who usually work 35 or more hours a week worked less than 35 hours during the reference week for one of the following reasons: Own illness, injury, or medical problems; child-care problems; other family or personal obligations; civic or military duty; and maternity or paternity leave. Excluded are situations in which work was missed due to vacation or personal days, holiday, labor dispute, and other reasons. For multiple jobholders, absence data refer

only to work missed at their main jobs. The absence rate is the ratio of workers with absences to total full-time wage and salary employment. The estimates of full-time wage and salary employment shown in this table do not match those in other tables because the estimates in this table are based on the full CPS sample and those in the other tables are based on a quarter of the sample only.

<sup>2</sup> Hours absent as a percent of hours usually worked.

# 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 U.S. Census Bureau 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 60,000 households (beginning with July 2001 data) located in 754 sample areas. These areas are chosen to represent all counties and independent cities in the United States, 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 through the use of touchtone data entry, computer-assisted telephone interviewing, and electronic data interchange, or by mail or fax, or on magnetic tape or computer diskette. 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 that includes about 160,000 businesses and government agencies covering approximately 400,000 individual worksites. The sample is drawn from a sampling frame of over 8 million unemployment insurance tax accounts. The active CES sample includes approximately one-third of all nonfarm payroll workers. The data relate to all workers, full or part time, who receive pay during the payroll period that includes the 12th of the month.

### RELATIONSHIP 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 characteris-

tics, 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 that 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, because 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, or 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 or 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 payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

### Earnings

The household survey measures 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 natural resources and mining and manufacturing; construction workers in construction; and nonsupervisory employees in private service-providing industries. For a comprehensive discussion of the various earnings series available from the household and establishment surveys, see *BLS Measures of Compensation*, Bulletin 2239 (Bureau of Labor Statistics, 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.

**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 job-holders, who are counted more than once if they work on more than one farm during the reporting period. There also are 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, U.S. Census Bureau.** BLS establishment statistics on employment differ from employment counts derived by the U.S. Census Bureau from its censuses or sample surveys of manufacturing and business establishments. The major reasons for non-comparability 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 also are differences in the scope of the industries covered—for example, the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

**County Business Patterns, U.S. Census Bureau.** Data in *County Business Patterns* (CBP) differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences also may 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 U.S. Census Bureau 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 older. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, that 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 60,000 occupied units are eligible for interview. Some 4,500 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 7 and 8 percent. In addition to the 60,000 occupied units, there are about 12,000 sample units in an average month that 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 (for example, 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 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, childcare 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 sometime 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 also is 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*, comprising (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 who were out of the labor force prior to beginning their job search; and (5) *New entrants*, persons who had 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 who 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. Beginning in 2003, the occupational and industrial classification of CPS data is based on the 2002 Census

Bureau occupational and industrial classification systems which are derived from the 2000 Standard Occupational Classification (SOC) and the 2002 North American Industry Classification System (NAICS). (See the following section on historical comparability for a discussion of previous classification systems used in the CPS.)

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, either had 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. 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 for full-time work 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 example: Illness or other medical limitations, childcare 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 are 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 his or her activity during the reference week, persons also are 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 lay-off 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 or African American, and Asian.** These are terms used to describe the race of persons. Persons in these categories are those who selected that race group only. Persons in the remaining race categories—American Indian or Alaska Native, Native Hawaiian or Other Pacific Islanders, and persons who selected more than one race category—are included in the estimates of total employment and unemployment but are not shown separately because the number of survey respondents is too small to develop estimates of sufficient quality for monthly publication. In the enumeration process, race is determined by the household respondent. (See the following section on historical comparability for a discussion of changes beginning in 2003 that affected how people are classified by race.)

**Hispanic or Latino ethnicity.** This refers to persons who identified themselves in the enumeration process as being Spanish, Hispanic, or Latino. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. (See the following section on historical comparability for a

discussion of changes beginning in 2003 that affected how people are classified by Hispanic or Latino ethnicity.)

**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 (for example, 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 all self-employed persons regardless of whether their businesses were incorporated) who usually work full time on their sole or primary job.

**Median earnings.** These figures indicate the value that 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 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).

**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, on 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 to husbands and wives who are living apart because one or the other was employed elsewhere or was on duty with the Armed Forces, or for 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.

## 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 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 been 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 "The Current Population Survey: Design and Methodology," Technical Paper 63RV (Washington, U.S. Census Bureau and Bureau of Labor Statistics, March 2002), available on the Internet at [www.bls.census.gov/cps/tp/tp63.htm](http://www.bls.census.gov/cps/tp/tp63.htm); "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 also have 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 for men; other categories were relatively unaffected.

- Beginning in 1960, the inclusion of Alaska and Hawaii resulted in increases of about 500,000 in the population and about 300,000 in the labor force. Four-fifths of the labor force 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 in 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 to 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 rationale for 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 rationale for the change and an indication of its effect on national estimates for 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 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 was increased 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 an indication of 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 estimation procedures 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 for 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 was increased by 325,000. Overall and subgroup unemployment rates and other percentages of labor market participation were not affected. An explanation of the changes and an indication of 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.



- Beginning in January 1998, new composite estimation procedures and minor revisions in the population controls were introduced into the household survey. The new composite estimation procedures simplify processing of the monthly labor force data at BLS, allow users of the survey microdata to more easily replicate the official estimates released by BLS, and increase the reliability of the employment and labor force estimates. The new procedures also produce somewhat lower estimates of the civilian labor force and employment and slightly higher estimates of unemployment. For example, based on 1997 annual average data, the differences resulting from the use of old and new composite weights were as follows: Civilian labor force (-229,000), total employed (-256,000), and total unemployed (+27,000). Unemployment rates were not significantly affected.

Also beginning in January 1998, the population controls used in the survey were revised to reflect new estimates of legal immigration to the United States and a change in the method for projecting the emigration of foreign-born legal residents. As a result, the Hispanic-origin population was raised by about 57,000; however, the total civilian noninstitutional population 16 years and over was essentially unchanged. More detailed information on these changes and their effect on the estimates of labor force change and composition appear in "Revisions in the Current Population Survey Effective January 1998," in the February 1998 issue of this publication.

- Beginning in January 1999, the population controls used in the survey were revised to reflect newly updated information on immigration. As a result, the civilian noninstitutional population 16 years and over was raised by about 310,000. The impact of the changes varied for different demographic groups. The civilian noninstitutional population for men 16 years and over was lowered by about 185,000, while that for women was increased by about 490,000. The Hispanic-origin population was lowered by about 165,000 while that of persons of non-Hispanic origin was raised by about 470,000. Overall labor force and employment levels were increased by about 60,000 each, while the Hispanic labor force and employment estimates were reduced by about 225,000 and 215,000, respectively. The changes had only a small impact on overall and subgroup unemployment rates and other percentages of labor market participation. An explanation of the changes and an indication of their effect on national labor force estimates appear in "Revisions in the Current Population Survey Effective January 1999" in the February 1999 issue of this publication.

- Beginning in January 2003, several major changes were introduced into the CPS. These changes included:

- a) Population controls that reflected the results of Census 2000 were introduced into the monthly CPS estimation process. These new population controls substantially increased the size of the civilian noninstitutional population and the civilian labor force. Data from January 2000 through December 2002 were revised to reflect the higher population

estimates from Census 2000 and the higher rates of population growth since the census. At the start of the revision period (January 2000), the new controls raised the civilian noninstitutional population and the civilian labor force by 2.6 and 1.6 million, respectively. By December 2002, the civilian population and labor force were 3.8 and 2.5 million, respectively, higher than originally estimated. In addition to these revisions, the U.S. Census Bureau introduced another large upward adjustment to the population controls as part of its annual update of population estimates for 2003. The entire amount of this adjustment was added to the labor force data in January 2003 resulting in increases of 941,000 to the civilian noninstitutional population and 614,000 to the civilian labor force. The unemployment rate and other ratios were not substantially affected by either of these population control adjustments.

- b) The modification of the questions on race and Hispanic origin to comply with new standards for maintaining, collecting, and presenting Federal data on race and ethnicity for Federal statistical agencies. In accordance with the new standards, the following changes were made to the CPS questions: 1) Individuals were now asked whether they are of Hispanic ethnicity before being asked about their race. Prior to 2003, individuals were asked their ethnic origin after they were asked about their race. 2) Individuals were now asked directly if they are Spanish, Hispanic, or Latino. Previously, individuals were identified as Hispanic based on their, or their ancestors', country of origin. 3) With respect to race, the response category of Asian and Pacific Islanders was split into two categories: a) Asian and b) Native Hawaiian or Other Pacific Islanders. 4) Individuals were allowed to choose more than one race category. Prior to 2003, individuals who considered themselves to belong to more than one race were required to select a single primary race. 5) The questions were reworded to indicate that individuals could select more than one race category and to convey more clearly that individuals should report their own perception of what their race is. These changes had no impact on the overall civilian noninstitutional population and civilian labor force but did reduce the population and labor force levels of whites, blacks or African Americans, and Asians beginning in January 2003. For whites and blacks, the differences resulted from the exclusion of individuals who reported more than one race from those groups. For Asians, the difference resulted from the same restriction as well as the split of the old Asian and Pacific Islander category into two separate categories. Analysis of data from a special CPS supplement conducted in May 2002 indicated that these changes reduced the population and labor force levels for whites by about 950,000 and 730,000, respectively, and for blacks and African Americans by about 320,000 and 240,000, respectively, while having little or no impact on their unemployment rates. For Asians, the changes had the effect of reducing their population by about 1.1 million and their labor force by about 720,000,



but did not have a statistically significant effect on their unemployment rate. The changes did not affect the size of the Hispanic or Latino population and had no significant impact on the size of their labor force, but did cause an increase of about half a percentage point in their unemployment rate.

c) Improvements were introduced to both the second-stage and composite weighting procedures. These changes adapted the weighting procedures to the new race/ethnic classification system and enhanced the stability over time of national and State/substate labor force estimates for demographic groups.

More detailed information on these changes and an indication of their effect on national labor force estimates appear in "Revisions to the Current Population Survey Effective in January 2003" in the February 2003 issue of this publication available on the Internet at <http://www.bls.gov/cps/rvcps03.pdf>.

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

Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to the monthly CPS questionnaire in order to more precisely determine 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 "wholesale" trade and of 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 based largely 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.

Beginning in January 2003, the 2002 Census Bureau occupational and industrial classification systems were introduced into the CPS. These systems were derived from the 2000 Standard Occupational Classification (SOC) and the 2002 North American Industry Classification System (NAICS). The composition of detailed occupational and industrial classifications in the new classification systems was substantially changed from the previous systems in use as was the structure for aggregating them into broad groups. Consequently, the use of the new classification systems created breaks in existing data series at all levels of aggregation. Additional information on the 2002 Census Bureau occupational and industrial classification systems appears in "Revisions to the Current Population Survey Effective in January 2003" in the February 2003 issue of this publication available on the Internet at <http://www.bls.gov/cps/rvcps03.pdf>.

### **Sampling**

Since the inception of the survey, there have been various changes in the design of the CPS sample. The sample traditionally is 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 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 (SMSAs), 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; the households 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 1990s. 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 (PSUs). The sample initially was selected to meet specific reliability criteria for the Nation, for each of the 50 States and the District of Columbia, and for the substate 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. In July 2001, the CPS sample was expanded to support the State Children's Health Insurance Program. For further information on the sample expansion, see "Expansion of the Current Population Survey Sample Effective July 2001" in the August 2001 issue of this publication. 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 July 2001, includes about 72,000 "assigned" housing units from 754 sample areas. Sufficient sample is allocated to maintain, at most, a 1.9-percent CV on national monthly estimates of unemployment level, assuming a 6-percent unemployment rate. 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 50 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. About 60,000 housing units are required in order to meet the national and State reliability criteria. 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 support of the State Children's Health Insurance Program, about 12,000 additional housing units are allocated to the District of Columbia and 31 States. (These are generally the States with the smallest samples after the 60,000 housing units are allocated to satisfy the national and State reliability criteria.)

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 72,000 housing units are assigned for data collection, of which about 60,000 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 60,000 housing units, about 7.5 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 112,000 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 (PSUs). 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 PSUs. Outside of metropolitan areas, counties normally are combined except when the geographic area of an individual county is too large. Combining counties to form PSUs 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 PSUs 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 PSUs in strata by themselves. These strata are self-representing and are generally the most populous PSUs in each State. The 326 remaining strata are formed by combining PSUs 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 nonself-representing because it represents not only itself but the entire stratum. The probability of selecting a particular PSU in a nonself-repre-

senting 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 (for example, most single-family homes, townhouses, condominiums, apartment units, and mobile homes). The group-quarters stratum contained housing units in which 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 decennial 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 that 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 is common 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 data series 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 chapter 2 of "The Current Population Survey: Design and Methodology," Technical Paper 63RV, (Washington, U.S. Census Bureau and Bureau of Labor Statistics, March 2002), available on the Internet at [www.bls.census.gov/cps/tp/tp63.htm](http://www.bls.census.gov/cps/tp/tp63.htm). 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 and in chapter 3 of Technical Paper 63RV referenced above. A description of the sample expansion in support of the State Children's Health Insurance Program appears in "Expansion of the Current Population Survey Sample Effective July 2001," in the August 2001 issue of this publication and in Appendix J, "Changes to the Current Population Survey Sample in July 2001," of Technical Paper 63RV referenced above.

## 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

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

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 .....	1,330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963 .....	2,333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966 .....	357	33,500	1,500	6,000
Jan. 1967 to July 1971 .....	449	48,000	2,000	8,500
Aug. 1971 to July 1972 .....	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977 .....	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979 .....	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981 .....	629	62,200	2,800	12,000
May 1981 to Dec. 1984 .....	629	57,800	2,500	11,000
Jan. 1985 to Mar. 1988 .....	729	57,000	2,500	11,000
Apr. 1988 to Mar. 1989 .....	729	53,200	2,600	11,500
Apr. 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 June 2001 .....	754	46,250	3,750	10,000
July 2001 to present <sup>5</sup> .....	754	55,500	4,500	12,000

<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.

<sup>5</sup> Includes 12,000 assigned housing units in support of the State Children's Health Insurance Program.

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 7 to 8 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 charac-

teristics 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 PSUs 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 PSUs 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 PSUs and 2) the race distribution of all PSUs. (Both 1 and 2 exclude self-representing PSUs.)

*b. Second-stage ratio estimation.* This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. A national-coverage step and a State-coverage step make preliminary corrections for undercoverage. The CPS sample weights are then adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used in different steps of the procedure:

*1) State step:* Civilian noninstitutional population controls for 6 age-sex cells in the Los Angeles-Long Beach metropolitan area, the balance of California, New York City, the balance of New York State, each of the other 48 States, and the District of Columbia.

2) *Ethnicity step*: National civilian noninstitutional population controls for 26 Hispanic and 26 non-Hispanic age-sex cells.

3) *Race step*: National civilian noninstitutional population controls for 34 white, 26 black, and 26 Asian-plus-residual-race age-sex cells.

The independent population controls are prepared by projecting forward the resident population as enumerated on April 1, 2000. 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. Prior to January 2003, the projections were based on earlier censuses. See "Revisions to the Current Population Survey Effective in January 2003," in the February 2003 issue of this publication for a detailed discussion of changes to the second-stage weighting and composite estimating procedures that were introduced in January 2003.

**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 usually are also 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**

An estimate based on a sample survey has two types of error sampling error and nonsampling error. The estimated standard errors provided in this publication are approximations

of the true sampling errors. They 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. The effect of nonsampling error is small on estimates of relative change, such as month-to-month change; estimates of monthly levels tend to be affected to a greater degree.

Nonsampling errors in surveys can be attributed to many sources, for example, 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 of respondents 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 may be found in Appendix G, "Reinterview: Design and Methodology," of "The Current Population Survey: Design and Methodology," Technical Paper 63RV (Washington, U.S. Census Bureau and Bureau of Labor Statistics, March 2002), available on the Internet at [www.bls.census.gov/cps/tp/tp63.htm](http://www.bls.census.gov/cps/tp/tp63.htm).

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, because the level of the estimates varies by rotation group. A description appears in Barbara A. Bailar, "The Effects of Rotation Group Bias on Estimates from Panel Surveys," *Journal of the American Statistical Association*, March 1975, pp. 23-30.

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 is 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 characteristics different from those of interviewed persons in the same age-sex-race-origin group.

Additional information on nonsampling error in the CPS

appears in Camilla Brooks and Barbara Bailer, "An Error Profile: Employment as Measured by the Current Population Survey," Statistical Policy Working Paper 3 (Washington, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards, September 1978); Marvin Thompson and Gary Shapiro, "The Current Population Survey: An Overview," *Annals of Economic and Social Measurement*, Vol. 2, April 1973; and "The Current Population Survey: Design and Methodology," Technical Paper 63RV referenced above. The 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, an estimate made from each sample, and a suitable estimate of 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 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the true population value.

3. Approximately 95 percent of the intervals from 1.96 standard errors below the estimate to 1.96 standard errors above the estimate would include the true population value.

These confidence interval statements are approximately true for the CPS. Although the estimating methods used in the CPS do not produce unbiased estimates, biases for most estimates are believed to be small. Methods for estimating standard errors reflect not only sampling errors but also some kinds of nonsampling error. Although both the estimates and the estimated standard errors depart from the theoretical ideal, the departures are minor and have little impact on the confidence interval statements. When clarity is needed, an estimated confidence interval is specified to be "approximate," as is the estimated standard error used in the computation.

Tables 1-B through 1-D are provided so that approximate standard errors of estimates can be easily obtained. Tables 1-B and 1-C give approximate standard errors for estimated monthly levels and rates for selected employment status

characteristics; the tables also provide approximate standard errors for consecutive month-to-month changes in the estimates. It is impractical to show approximate standard errors for all CPS estimates in this publication, so table 1-D provides parameters and factors that allow the user to calculate approximate standard errors for a wide range of estimated levels, rates, and percentages, and also changes over time. The parameters and factors are used in formulas that are commonly called *generalized variance functions*.

The approximate standard errors provided in this publication are based on the sample design and estimation procedures as of 1996, and reflect the population levels and sample size as of that year. Standard errors for years prior to 1996 may be roughly approximated by applying these adjustments

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

Characteristic	Monthly level	Consecutive month-to-month change
<b>Total</b>		
Total, 16 years and over:		
Civilian labor force .....	267	174
Employed .....	273	177
Unemployed .....	131	166
Men, 20 years and over:		
Civilian labor force .....	184	120
Employed .....	196	128
Unemployed .....	83	106
Women, 20 years and over:		
Civilian labor force .....	209	136
Employed .....	215	140
Unemployed .....	77	98
Both sexes, 16 to 19 years:		
Civilian labor force .....	90	87
Employed .....	95	91
Unemployed .....	56	93
<b>Black or African American</b>		
Total, 16 years and over:		
Civilian labor force .....	113	73
Employed .....	121	79
Unemployed .....	64	81
Men, 20 years and over:		
Civilian labor force .....	81	53
Employed .....	85	55
Unemployed .....	39	50
Women, 20 years and over:		
Civilian labor force .....	72	47
Employed .....	77	50
Unemployed .....	40	50
Both sexes, 16 to 19 years:		
Civilian labor force .....	42	40
Employed .....	39	38
Unemployed .....	28	46
<b>Hispanic or Latino ethnicity</b>		
Total, 16 years and over:		
Civilian labor force .....	90	59
Employed .....	100	65
Unemployed .....	54	69

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

(In percent)

Characteristic	Monthly rate	Consecutive month-to-month change
Total .....	0.09	0.12
Men .....	.12	.16
Men, 20 years and over .....	.12	.15
Women .....	.13	.17
Women, 20 years and over .....	.13	.16
Both sexes, 16 to 19 years .....	.66	1.08
White .....	.10	.12
Black or African American .....	.39	.49
Hispanic or Latino ethnicity .....	.37	.47
Married men, spouse present .....	.12	.15
Married women, spouse present .....	.14	.18
Women who maintain families .....	.43	.54

to the standard errors presented here. (More accurate standard error estimates for historical CPS data may be found in previous issues of this publication.)

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.

**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, occupational, and industrial categories. For characteristics not given in tables 1-B and 1-C, refer to table 1-D.

**Illustration.** Suppose that, for a given month, the number of women age 20 years and over in the civilian labor force is estimated to be 60,000,000. For this characteristic, the approximate standard error of 209,000 is given in table 1-B in the row "Women, 20 years and over; Civilian labor force." To calculate an approximate 90-percent confidence interval, multiply the standard error of 209,000 by the factor 1.645 to obtain 344,000. This number is subtracted from and then added to 60,000,000 to obtain an approximate 90-percent confidence interval: 59,656,000 to 60,344,000. Concluding that the true civilian labor force level lies within an interval calculated in this way would be correct for roughly 90 percent of all possible samples that could have been selected for the CPS.

**Use of table 1-D.** This table gives  $a$  and  $b$  parameters that can be used with formulas to calculate approximate monthly

standard errors for a wide range of estimated levels, proportions, and rates. Factors are provided to convert monthly measures into approximate standard errors of estimates for other periods (quarterly and yearly averages) and approximate standard errors for changes over time (consecutive monthly changes, changes in consecutive quarterly and yearly averages, and changes in monthly estimates 1 year apart).

The standard errors for estimated changes in level from one month to the next, one year to the next, etc., depend more on the monthly levels for characteristics than on the size of the changes. Likewise, the standard errors for changes in rates (or percentages) depend more on the monthly rates (or percentages) than on the size of the changes. Accordingly, the factors presented in table 1-D are applied to the monthly standard error approximations for levels, percentages, or rates; the magnitudes of the changes do not come into play. Factors are not given for estimated changes between nonconsecutive months (except for changes of monthly estimates 1 year apart); however, the standard errors may be assumed to be higher than the standard errors for consecutive monthly changes.

$$se(x) = \sqrt{ax^2 + bx}$$

**Standard errors of estimated levels using table 1-D.** The approximate standard error  $se(x)$  of  $x$ , an estimated monthly level, can be obtained using the formula below, where  $a$  and  $b$  are the parameters from table 1-D associated with a particular characteristic.

**Illustration.** Assume that, in a given a month, there are an estimated 3 million unemployed men. Obtain the appropriate  $a$  and  $b$  parameters from table 1-D (Total or white; Men; Unemployed). Use the formula for  $se(x)$  to compute an approximate standard error on the estimate of  $x = 3,000,000$ .

$$a = -0.0000348 \quad b = 2927.43$$

$$se(3,000,000) = \sqrt{-0.0000348(3,000,000)^2 + 2927.43(3,000,000)} \approx 92,000$$

**Procedure for using table 1-D factors for levels.** Table 1-D gives factors that can be used to compute approximate standard errors of levels for other periods or for changes over time. For each characteristic, factors  $f$  are given for:

Consecutive month-to-month changes

Changes in monthly estimates 1 year apart

Quarterly averages

Changes in consecutive quarterly averages

Yearly averages

Changes in consecutive yearly averages

For a given characteristic, the table 1-D factor is used in the following formula, which also uses the  $a$  and  $b$  parameters from the same line of the table. A three-step procedure for using the formula is given. The  $f$  in the formula is frequently called an *adjustment factor*, because it appears to adjust a monthly standard error  $se(x)$ . However, the  $x$  in the formula is not a monthly level, but an average of several monthly levels (see examples listed under Step 1, below).

$$se(x, f) = f * se(x) = f * \sqrt{(ax^2 + bx)}$$

where  $x$  is an average of monthly levels over a designated period.

Step 1. Average monthly levels appropriately in order to obtain  $x$ . Levels for 3 months are averaged for quarterly averages, and those for 12 months are averaged for yearly averages. For changes in consecutive averages, average over the 2 months, 2 quarters, or 2 years involved. For changes in monthly estimates 1 year apart, average the 2 months involved.

Step 2. Calculate an approximate standard error  $se(x)$ , treating the average  $x$  from step 1 as if it were an estimate of level for a single month. Obtain parameters  $a$  and  $b$  from table 1-D. (Note that, for some characteristics, an approximate standard error of level could instead be obtained from table 1-B and used in place of  $se(x)$  in the formula.)

Step 3. Determine the standard error  $se(x, f)$  on the average level or on the change in level. Multiply the result from step 2 by the appropriate factor  $f$ . The  $a$  and  $b$  parameters used in step 2 and the factor  $f$  used in this step come from the same line in table 1-D.

**Illustration of a standard error computation for consecutive month change in level.** Continuing the previous example, suppose that in the next month the estimated number of unemployed men increases by 150,000, from 3,000,000 to 3,150,000.

Step 1. The average of the two monthly levels is  $x = 3,075,000$ .

Step 2. Apply the  $a$  and  $b$  parameters from table 1-D (Total or white; Men; Unemployed) to the average  $x$ , treating it like an estimate for a single month.

$$a = -0.0000348 \quad b = 2927.43$$

$$se(3,075,000) = \sqrt{-0.0000348(3,075,000)^2 + 2927.43(3,075,000)} \approx 93,000$$

Step 3. Obtain  $f = 1.27$  from the same row of table 1-D in the column "Consecutive month-to-month change," and multiply the factor by the result from step 2.

$$se(150,000) = f * se(3,075,000) = 1.27 * 93,000 \approx 118,000$$

For an approximate 90-percent confidence interval, compute  $1.645 * 118,000 \approx 194,000$ . Subtract the number from and add the number to 150,000 to obtain an interval of -44,000 to 344,000. This is an approximate 90-percent confidence interval for the true change, and since this interval includes zero, one cannot assert at this level of confidence that any real change has occurred in the unemployment level. The result also can be expressed by saying that the apparent change of 150,000 is not significant at a 90-percent confidence level.

**Illustration of a standard error computation for quarterly average level.** Suppose that an approximate standard error is desired for a quarterly average of the black or African American employment level. Suppose that the estimated employment levels for the 3 months making up the quarter are 14,900,000, 15,000,000, and 15,100,000.

Step 1. The average of the three monthly levels is  $x = 15,000,000$ .

Step 2. Apply the  $a$  and  $b$  parameters from table 1-D (Black; Total; Civilian labor force, employed, and not in labor force) to the average  $x$ , treating it like an estimate for a single month.

$$a = -0.0001541 \quad b = 3295.99$$

$$se(15,000,000) = \sqrt{-0.0001541(15,000,000)^2 + 3295.99(15,000,000)} \approx 122,000$$

Step 3. Obtain  $f = .86$  from the same row of table 1-D in the column "Quarterly averages," and multiply the factor by the result from step 2.

$$se(15,000,000) = .86 * 122,000 \approx 105,000$$

**Illustration of a standard error computation for change in quarterly level.** Continuing the example, suppose that, in the next quarter, the estimated average employment level for blacks is 15,400,000, based on monthly levels of 15,300,000, 15,400,000, and 15,500,000. This is an estimated increase of 400,000 over the previous quarter.

Step 1. The average of the two quarterly levels is  $x = 15,200,000$ .

Step 2. Apply the  $a$  and  $b$  parameters from table 1-D (Black; Total; Civilian labor force, employed, and not in labor force) to the average  $x$ , treating it like an estimate for a single month.

$$a = -0.0001541 \quad b = 3295.99$$

$$se(15,200,000) = \sqrt{-0.0001541(15,200,000)^2 + 3295.99(15,200,000)} \approx 120,000$$

Step 3. Obtain  $f = .78$  from the same row of table 1-D in the column "Change in consecutive quarterly averages," and multiply the factor by the result from step 2.

$$se(400,000) = .78 * se(15,200,000) = .78 * 120,000 \approx 94,000$$



For an approximate 95-percent confidence interval, compute  $1.96 * 94,000 \approx 184,000$ . Subtract the number from and add the number to 400,000 to obtain an interval of 216,000 to 584,000. The interval excludes zero. Another way of stating this is to observe that the estimated change of 400,000 clearly exceeds 1.96 standard errors, or 184,000. One can conclude from these data that the change in quarterly averages is significant at a 95-percent confidence level.

**Standard errors of estimated rates and percentages using table 1-D.** As shown in the formula below, the approximate standard error  $se(p, y)$  of an estimated rate or percentage  $p$  depends, in part, upon the number of persons  $y$  in its base or denominator. Generally, rates and percentages are not published unless the monthly base is greater than 75,000 persons, the quarterly average base is greater than 60,000 persons, or the yearly average base is greater than 35,000 persons. The  $b$  parameter is obtained from table 1-D. When the base  $y$  and the numerator of  $p$  are from different categories within the table, use the  $b$  parameter from table 1-D relevant to the numerator of the rate or percentage.

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

Note that  $se(p, y)$  is in percent.

**Illustration.** For a given month, suppose  $y = 6,200,000$  women 20 to 24 years of age are estimated to be employed. Of this total, 2,000,000, or  $p = 32$  percent, are classified as part-time workers. Obtain the parameter  $b = 3005.06$  from the table 1-D row (Employment; Part-time workers) that is relevant to the numerator of the percentage. Apply the formula to obtain:

$$se(p, y) = \sqrt{\frac{3005.06}{6,200,000} (32)(100 - 32)} \approx 1.0 \text{ percent}$$

For an approximate 95-percent confidence interval, compute  $1.96 * 1.0$  percent, and round the result to 2 percent. Subtract this from and add this to the estimate of  $p = 32$  percent to obtain an interval of 30 percent to 34 percent.

**Procedure for using table 1-D factors for rates and percentages.** Table 1-D factors can be used to compute approximate standard errors on rates and percentages for other periods or for changes over time. As for levels, there are three steps in the procedure for using the formula.

$$se(p, y, f) = f * se(p, y) = f * \sqrt{\frac{b}{y} p(100 - p)}$$

where  $p$  and  $y$  are averages of monthly estimates over a designated period. Note that  $se(p, y, f)$  is in percent.

Step 1. Appropriately average estimates of monthly rates or percentages to obtain  $p$ , and also average estimates of monthly levels to obtain  $y$ . Rates for 3 months are averaged for quarterly averages, and those for 12 months are averaged for yearly averages. For changes in consecutive averages, average over the 2 months, 2 quarters, or 2 years involved. For changes in monthly estimates 1 year apart, average the 2 months involved.

Step 2. Calculate an approximate standard error  $se(p, y)$ , treating the averages  $p$  and  $y$  from step 1 as if they were estimates for a single month. Obtain the  $b$  parameter from the table 1-D row that describes the numerator of the rate or percentage. (Note that, for some characteristics, an approximate standard error could instead be obtained from table 1-C and used in place of  $se(p, y)$  in the formula.)

Step 3. Determine the standard error  $se(p, y, f)$  on the average level or on the change in level. Multiply the result from step 2 by the appropriate factor  $f$ . The  $b$  parameter used in step 2 and the factor  $f$  used in this step come from the same line in table 1-D.

**Illustration of a standard error computation for consecutive month change in percentage.** Continuing the previous example, suppose that, in the next month, 6,300,000 women 20 to 24 years of age are reported employed, and that 2,150,000, or 34 percent, are part-time workers.

Step 1. The month-to-month change is 2 percent = 34 percent - 32 percent. The average of the two monthly percentages of 32 percent and 34 percent is needed ( $p = 33$  percent), as is the average of the two bases of 6,200,000 and 6,300,000 ( $y = 6,250,000$ ).

Step 2. Apply the  $b = 3005.06$  parameter from table 1-D (Employment; Part-time workers) to the averaged  $p$  and  $y$ , treating the averages like estimates for a single month.

$$se(p, y) = \sqrt{\frac{3005.06}{6,250,000} (33)(100 - 33)} \approx 1.0 \text{ percent}$$

Step 3. Obtain  $f = .65$  from the same row of table 1-D in the column "Consecutive month-to-month change," and multiply the factor by the result from step 2.

$$se(2\%) = .65 * 1.0 \text{ percent} = .65 \text{ percent}$$

For an approximate 95-percent confidence interval, compute  $1.96 * .65$  percent, and round the result to 1.3 percent. Subtract this from and add this to the 2-percent estimate of change to obtain an interval of 0.7 percent to 3.3 percent. Because this interval excludes zero, it can be concluded at a 95-percent confidence level that the change is significant.

Table 1-D. Parameters and factors for computation of approximate standard errors for estimates of monthly levels

Characteristic	Parameters		Factors					
	a	b	Consecutive month-to-month change	Year-to-year change of monthly estimates	Quarterly averages	Change in consecutive quarterly averages	Yearly averages	Change in consecutive yearly averages
<b>Total or white</b>								
Total:								
Civilian labor force, employed, and not in labor force .....	-0.0000077	1586.29	0.65	1.22	0.87	0.77	0.68	0.81
Unemployed .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
Men:								
Civilian labor force, employed, and not in labor force .....	- .0000348	2927.43	.65	1.23	.86	.79	.66	.80
Unemployed .....	- .0000348	2927.43	1.27	1.39	.72	.91	.43	.57
Women:								
Civilian labor force, employed, and not in labor force .....	- .0000325	2693.27	.65	1.22	.87	.78	.67	.81
Unemployed .....	- .0000325	2693.27	1.27	1.39	.71	.90	.41	.55
Both sexes, 16 to 19 years:								
Civilian labor force, employed, and not in labor force .....	- .0002436	3005.06	.96	1.32	.81	.87	.55	.71
Unemployed .....	- .0002436	3005.06	1.65	1.37	.68	.88	.40	.53
<b>Black or African American</b>								
Total:								
Civilian labor force, employed, and not in labor force .....	- .0001541	3295.99	.65	1.22	.86	.78	.66	.80
Unemployed .....	- .0001541	3295.99	1.28	1.38	.73	.90	.43	.58
Men:								
Civilian labor force, employed, and not in labor force .....	- .0003361	3332.28	.65	1.25	.84	.82	.62	.76
Unemployed .....	- .0003361	3332.28	1.27	1.37	.73	.91	.43	.58
Women:								
Civilian labor force, employed, and not in labor force .....	- .0002821	2944.26	.65	1.27	.84	.80	.64	.78
Unemployed .....	- .0002821	2944.26	1.27	1.39	.71	.90	.41	.56
Both sexes, 16 to 19 years:								
Civilian labor force, employed, and not in labor force .....	- .0015306	3295.99	.96	1.33	.80	.85	.56	.70
Unemployed .....	- .0015306	3295.99	1.65	1.37	.68	.86	.41	.52
<b>Hispanic or Latino ethnicity</b>								
Total:								
Civilian labor force, employed, and not in labor force .....	- .0001260	3295.99	.65	1.20	.86	.82	.65	.78
Unemployed .....	- .0001260	3295.99	1.28	1.38	.71	.90	.42	.56
Men:								
Civilian labor force, employed, and not in labor force .....	- .0002570	3332.28	.65	1.26	.84	.82	.62	.76
Unemployed .....	- .0002570	3332.28	1.29	1.38	.71	.90	.41	.55
Women:								
Civilian labor force, employed, and not in labor force .....	- .0002140	2944.26	.65	1.21	.86	.84	.63	.76
Unemployed .....	- .0002140	2944.26	1.27	1.38	.71	.89	.41	.55
Both sexes, 16 to 19 years:								
Civilian labor force, employed, and not in labor force .....	- .0014250	3295.99	.96	1.34	.81	.84	.58	.73
Unemployed .....	- .0014250	3295.99	1.65	1.42	.70	.89	.41	.55

Table 1-D. Parameters and factors for computation of approximate standard errors for estimates of monthly levels—Continued

Characteristic	Parameters		Factors					
	a	b	Consecutive month-to-month change	Year to year change of monthly estimates	Quarterly averages	Change in consecutive quarterly averages	Yearly averages	Change in consecutive yearly averages
<b>Employment</b>								
Educational attainment .....	-0.0000174	3005.06	0.65	1.11	0.87	0.92	0.61	0.74
Marital status, men .....	- .0000348	2927.43	.65	1.15	.86	.93	.59	.72
Marital status, women .....	- .0000325	2693.27	.65	1.18	.85	.94	.57	.72
Women who maintain families ..	- .0000325	2693.27	.65	1.18	.85	.94	.57	.72
Nonagricultural industries:								
Total .....	- .0000174	3005.06	.65	1.15	.88	.75	.71	.83
Wage and salary workers .....	- .0000174	3005.06	.65	1.13	.88	.84	.67	.79
Self-employed workers .....	- .0000174	3005.06	.65	1.15	.87	.96	.58	.71
Unpaid family workers .....	- .0000174	3005.06	.65	1.26	.81	.95	.50	.65
Full-time workers .....	- .0000174	3005.06	.65	1.17	.85	.92	.59	.72
Part-time workers .....	- .0000174	3005.06	.65	1.27	.81	.89	.55	.69
Multiple jobholders .....	- .0000174	3005.06	1.27	1.29	.78	.91	.50	.64
<b>At work</b>								
Total and nonagricultural industries:								
Total .....	- .0000174	3005.06	.65	1.21	.84	.77	.66	.79
1 to 4 and 5 to 14 hours .....	- .0000174	3005.06	1.65	1.36	.67	.86	.38	.51
15 to 29 hours .....	- .0000174	3005.06	1.27	1.33	.73	.88	.45	.58
30 to 34 or 35 to 39 hours .....	- .0000174	3005.06	1.65	1.34	.67	.86	.39	.51
1 to 34 or 40 hours .....	- .0000174	3005.06	1.27	1.30	.76	.87	.51	.64
41 to 48 or 49 to 59 hours .....	- .0000174	3005.06	1.65	1.34	.71	.86	.45	.57
35+, 41+, or 60+ hours .....	- .0000174	3005.06	1.27	1.25	.78	.86	.53	.65
Part time for economic reasons	- .0000174	3005.06	1.47	1.37	.67	.87	.39	.52
Part time for noneconomic reasons .....	- .0000174	3005.06	1.27	1.29	.74	.85	.49	.62
<b>Unemployment</b>								
Educational attainment .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
Marital status, men .....	- .0000348	2927.43	1.27	1.39	.72	.91	.43	.57
Marital status, women .....	- .0000325	2693.27	1.27	1.39	.71	.90	.41	.55
Women who maintain families ..	- .0000325	2693.27	1.27	1.39	.71	.90	.41	.55
Industries and occupations .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
Full-time workers .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
Part-time workers .....	- .0000174	3005.06	1.65	1.40	.69	.88	.40	.53
Less than 5 weeks .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
5 to 14 weeks .....	- .0000174	3005.06	1.65	1.37	.66	.88	.35	.50
15 to 26 weeks .....	- .0000174	3005.06	1.65	1.39	.67	.89	.36	.50
15+ or 27+ weeks .....	- .0000174	3005.06	1.27	1.42	.75	.93	.44	.60
All reasons for unemployment, except temporary layoff .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
On temporary layoff .....	- .0000174	3005.06	1.65	1.35	.68	.87	.40	.53
<b>Not in the labor force</b>								
Total .....	- .0000077	1586.29	.65	1.22	.87	.77	.68	.81
Persons who currently want a job and discouraged workers .....	- .0000174	3005.06	1.65	1.41	.63	.83	.36	.48

# Establishment Data ("B" tables)

## DATA 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). The sample includes about 160,000 businesses and government agencies covering approximately 400,000 individual worksites. The sample is drawn from a sampling frame of over 8 million unemployment insurance tax accounts. The active CES sample includes approximately one-third of all nonfarm payroll workers. 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 are available at <http://www.bls.gov>, the BLS Internet site.

Each month, BLS and the State agencies collect data on employment, payrolls, and paid hours from a sample of establishments. BLS has established a comprehensive program of new sample unit solicitation in the three BLS regional office data collection centers (DCCs). A structured refusal follow-up and conversion program has been implemented in these locations as well. The solicitation occurs by telephone and with personal visit initiations for the largest companies.

The most frequently used data collection method is touchtone data entry (TDE). Under the TDE system, the respondent uses a touchtone telephone to call a toll-free number and activate an interview session. The questionnaire resides on the computer in the form of prerecorded questions that are read to the respondent. The respondent enters numeric responses by pressing the touchtone phone buttons. Each answer is read back for respondent verification. The next most frequently used data collection mode is computer-assisted telephone interviewing (CATI).

For establishments that do not use either of the above methods, data are collected by mail, fax, or electronic data interchange (EDI), or on magnetic tape or computer diskette. BLS is also pilot testing reporting via the World Wide Web (WWW). Chart 1 shows the percentages of establishments using the different data collection methods.

## CONCEPTS

### Industrial classification

All data on employment, hours, and earnings for the Nation and for States and areas are classified in accordance with the 2002 North American Industry Classification System (NAICS), U.S. Office of Management and Budget. NAICS replaced the Standard Industrial Classification (SIC) system which had been in use for the past 60 years. The United States,

Canada, and Mexico share this classification system, and thus it allows a direct comparison of economic data between the three countries. The foundation of industrial classification with NAICS has changed in terms of how establishments are classified into industries and the recognition of businesses in the economy as they exist today.

Establishments reporting on Form BLS 790 are classified into industries on the basis of their primary activity. Those that use comparable capital equipment, labor, and raw material inputs are classified together. This information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal activity.

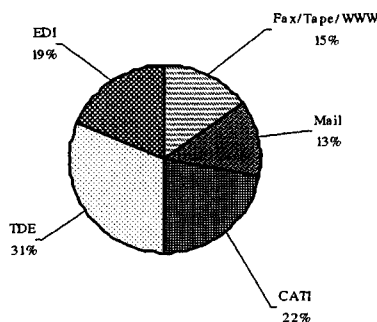
### Industry employment

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period that includes the 12th day of the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farmworkers, 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, the Defense Intelligence Agency, the National Imagery and Mapping Agency, and the National Security Agency also are excluded.

Persons on establishment payrolls who are on paid sick leave (for cases in which pay is received directly from the firm), on paid holiday, or 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

Chart 1. Distribution of CES sample by collection mode



layoff, on leave without pay, or on strike for the entire period, or who were hired but have not yet reported during the period.

**Changes in CES scope.** The industry support activities for animal production or NAICS 1152 (previously part of animal services, except veterinary or SIC 075) is no longer considered in-scope to CES. Logging, or NAICS 113310, is now within the natural resources and mining supersector; under SIC, this industry was within manufacturing. These changes along with some in the Federal Government series, as described in the next section, only slightly affect the total nonfarm employment level. There are no series breaks as a result of this, as the entire total nonfarm history has been reconstructed.

**Changes to Federal Government series.** Beginning with the publication of May 2003 data in June 2003, the CES national Federal Government employment series is estimated from a sample of Federal establishments, is benchmarked annually to counts from unemployment insurance tax records, and reflects employee counts as of the pay period including the 12th of the month, consistent with other CES industry series. Previously, the national series was an end-of-month count produced by the U.S. Office of Personnel Management.

**Indexes of diffusion of employment change.** These indexes measure the dispersion of change in employment among industries over the specified timespan. The overall indexes are calculated from 278 seasonally adjusted employment series (4-digit NAICS industries) covering all nonfarm payroll employment in the private sector. The manufacturing diffusion indexes are based on 84 4-digit NAICS 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 timespan. 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 indicating 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—that is, 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 commonly are interpreted as showing the percent of components that increased over the timespan, 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 natural resources and mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-providing 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 (for example, 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, and so forth, engaged in new work, alterations, demolition, repair, maintenance, and the like, whether working at the site of construction or 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-supervisor 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 that includes the 12th day of the month. The payroll is reported before deductions of any kind, such as those for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, and vacation, and for 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 (such as 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, and so forth, paid by the employer) also are excluded.

**Hours.** These are the hours paid for during the pay period that includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays and 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 that 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 and payrolls.** The indexes of aggregate weekly hours are calculated by dividing the current month's aggregate by the average of the 12 monthly figures for 2002. 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.

The indexes of aggregate weekly payrolls are calculated by dividing the current month's aggregate by the average of the 12 monthly figures for 2002. For basic industries, the payroll aggregates are the product of average hourly earnings and aggregate weekly hours. At all higher levels of industry aggregation, payroll aggregates are the sum of the component aggregates.

**Average overtime hours.** Overtime hours represent that portion of average weekly hours that 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 their 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 in which 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; 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 because the following are excluded: Irregular bonuses, retroactive items, payroll taxes paid by employers, and earnings for those employees not covered under production worker, construction worker, or nonsupervisory employee definitions.

**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 pay, late-shift premiums, and overtime rates other than time and one-half.

**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 workforce. 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 basic estimating cell and summed to create aggregate-level employment estimates.

### Benchmarks

For the establishment survey, annual benchmarks are constructed 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 and are used to provide an annual point-in-time census for employment. For national series, only the March sample-based estimates are replaced with UI counts. For State and metropolitan area series, all available months of UI data are used to replace sample-based estimates. State and area series are based on smaller samples and are therefore more vulnerable to both sampling and nonsampling errors than national estimates.

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 97 percent of private employment within the scope of the establishment survey is covered by UI. A benchmark for the remaining 3 percent is constructed from alternate sources, primarily records from the Railroad Retirement Board and *County Business Patterns*. 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 also are 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 estimate, ten-twelfths to the January estimate, and so on, back to the previous April estimate, which receives 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 also are recalculated each year. These post-benchmark estimates reflect the application of sample-based

monthly changes to new benchmark levels for March, the recomputation of net birth/death model factors for each month, and the introduction of new sample.

Following the revision of basic employment estimates, all other derivative series (such as the number of production workers and average hourly earnings) also are recalculated. New seasonal adjustment factors are calculated and all data series for the previous 5 years are re-seasonally adjusted before full publication of all revised data in June of each year.

### Monthly estimation

CES uses a matched sample concept and weighted link relative estimator to produce employment, hours, and earnings estimates. These methods are described in table 2-A. A matched sample is defined to be all sample members that have reported data for the reference month and the previous month. Excluded from the matched sample is any sample unit that reports that it is out of business. This aspect of the estimation methodology is more fully described in the section on estimation of business births and deaths below.

**Stratification.** The sample is stratified into 693 estimation cells for purposes of computing national employment, hours, and earnings estimates. Cells are defined primarily by detailed industry. In the construction supersector, geographic stratification also is used. The estimation cells can be defined at the 3-, 4-, 5-, and 6-digit NAICS levels.

In addition to the estimation cells mentioned above, there are 40 independently estimated cells which do not aggregate to the summary cell levels.

**Weighted link-relative technique.** The estimator for the all-employee series uses the sample trend in the cell to move the previous level to the current-month estimated level. A model-based component is applied to account for the net employment resulting from business births and deaths not captured by the sample.

The basic formula for estimating all employees is:

$$\hat{AE}_c = \left( \hat{AE}_p \times \frac{\sum_i (w_i \times ae_{c,i})}{\sum_i (w_i \times ae_{p,i})} \right) + (\text{net birth/death estimate}),$$

where:

$i$  = matched sample unit;

$w_i$  = weight associated with the CES report;

$ae_{c,i}$  = current-month reported all employees;

$ae_{p,i}$  = previous-month reported all employees;

$\hat{AE}_c$  = current-month estimated all employees; and

$\hat{AE}_p$  = previous-month estimated all employees.

Table 2-A. Summary of methods for computing industry statistics on employment, hours, and earnings estimates

Employment, hours, and earnings	Basic estimating cell (industry, 6-digit published level)	Aggregate industry level (supersector and, where stratified, industry)	Annual average data
All employees	All-employee estimate for previous month multiplied by weighted ratio of all employees in current month to all employees in previous month, for sample establishments that reported for both months plus net birth/death model estimate.	Sum of all-employee estimates for component cells.	Sum of monthly estimates divided by 12.
Production or nonsupervisory workers, women employees	All-employee estimate for current month multiplied by (1) weighted ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated weighted ratio of women employees to all employees.	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.	Sum of monthly estimates divided by 12.
Average weekly hours	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers.	Average, weighted by production or nonsupervisory worker employment, of the average weekly hours for component cells.	Annual total of aggregate hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of production worker employment.
Average weekly overtime hours	Production worker overtime hours divided by number of production workers.	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.	Annual total of aggregate overtime hours (production worker employment multiplied by average weekly overtime hours) divided by annual sum of production worker employment.
Average hourly earnings	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours.	Average, weighted by aggregate hours, of the average hourly earnings for component cells.	Annual total of aggregate payrolls (production or nonsupervisory worker employment multiplied by weekly hours and hourly earnings) 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.	Product of average weekly hours annual average and average hourly earnings annual average.

**Weighted link and taper technique.** The estimator used for all non-all-employee data types accounts for the over-the-month change in the sampled units, but also includes a tapering feature used to keep the estimates close to the overall sample average over time. The taper is considered to be a level correction. This estimator uses matched sample data; it tapers the estimate toward the sample average for the previous month of the current matched sample before applying the current month's change; and it promotes continuity by heavily favoring the estimate for the previous month when applying the numerical factors.

Current-month estimate of production or nonsupervisory workers (PW) is defined as:

$$\hat{PW}_c = \left( \left( \hat{AE}_c - \sum_j ae_{c,j}^{*(PW)} \right) \times PWRATIO_c \right) + \sum_j pw_{c,j}^*$$

where:

$$PWRATIO_c = \left( \alpha \times PWRATIO_p \right) + \left( \beta \times \frac{\left( \sum_i w_i \times pw_{p,i} \right) - \left( \sum_j w_j \times pw_{p,j}^* \right)}{\left( \sum_i w_i \times ae_{p,i} \right) - \left( \sum_j w_j \times ae_{p,j}^{*(PW)} \right)} \right) + \frac{\left( \left( \sum_i w_i \times pw_{c,i} \right) - \left( \sum_j w_j \times pw_{c,j}^* \right) \right) \left( \sum_i w_i \times pw_{p,i} \right) - \left( \sum_j w_j \times pw_{p,j}^* \right) \left( \sum_i w_i \times pw_{c,i} \right)}{\left( \left( \sum_i w_i \times ae_{c,i} \right) - \left( \sum_j w_j \times ae_{c,j}^{*(PW)} \right) \right) \left( \sum_i w_i \times ae_{p,i} \right) - \left( \sum_j w_j \times ae_{p,j}^{*(PW)} \right) \left( \sum_i w_i \times ae_{c,i} \right)}$$

for all  $i \in I$  and  $j \in J$



Estimation of the series for women workers is identical to that described for production workers, with the appropriate substitution of women worker values for the production worker values in the previous formulas.

Current-month estimate of average weekly hours (AWH) is defined as:

$$\hat{AWH}_c = \alpha \times \hat{AWH}_p + \beta \times \left( \frac{\left( \frac{\left( \sum_i w_i \times wh_{p,i} \right) - \left( \sum_j w_j \times wh_{p,j}^* \right)}{\left( \sum_i w_i \times pw_{p,i} \right) - \left( \sum_j w_j \times pw_{p,j}^{*(WH)} \right)} \right) \times \left( \hat{PW}_p - \sum_j pw_{p,j}^{*(WH)} \right) + \sum_j wh_{p,j}^*}{\hat{PW}_p} \right) +$$

$$\left( \frac{\left( \frac{\left( \sum_i w_i \times wh_{c,i} \right) - \left( \sum_j w_j \times wh_{c,j}^* \right)}{\left( \sum_i w_i \times pw_{c,i} \right) - \left( \sum_j w_j \times pw_{c,j}^{*(WH)} \right)} \right) \times \left( \hat{PW}_c - \sum_j pw_{c,j}^{*(WH)} \right) + \sum_j wh_{c,j}^*}{\hat{PW}_c} \right) - \left( \frac{\left( \frac{\left( \sum_i w_i \times wh_{p,i} \right) - \left( \sum_j w_j \times wh_{p,j}^* \right)}{\left( \sum_i w_i \times pw_{p,i} \right) - \left( \sum_j w_j \times pw_{p,j}^{*(WH)} \right)} \right) \times \left( \hat{PW}_p - \sum_j pw_{p,j}^{*(WH)} \right) + \sum_j wh_{p,j}^*}{\hat{PW}_p} \right)$$

for all  $i \in I$  and  $j \in J$

Current-month estimate of average hourly earnings (AHE) is defined as:

$$\hat{AHE}_c = \alpha \times \hat{AHE}_p + \beta \times \left( \frac{\left( \frac{\left( \sum_i w_i \times pr_{p,i} \right) - \left( \sum_j w_j \times pr_{p,j}^* \right)}{\left( \sum_i w_i \times wh_{p,i} \right) - \left( \sum_j w_j \times wh_{p,j}^{*(PR)} \right)} \right) \times \left( \hat{WH}_p - \sum_j wh_{p,j}^{*(PR)} \right) + \sum_j pr_{p,j}^*}{\hat{WH}_p} \right) +$$

$$\left( \frac{\left( \frac{\left( \sum_i w_i \times pr_{c,i} \right) - \left( \sum_j w_j \times pr_{c,j}^* \right)}{\left( \sum_i w_i \times wh_{c,i} \right) - \left( \sum_j w_j \times wh_{c,j}^{*(PR)} \right)} \right) \times \left( \hat{WH}_c - \sum_j wh_{c,j}^{*(PR)} \right) + \sum_j pr_{c,j}^*}{\hat{WH}_c} \right) - \left( \frac{\left( \frac{\left( \sum_i w_i \times pr_{p,i} \right) - \left( \sum_j w_j \times pr_{p,j}^* \right)}{\left( \sum_i w_i \times wh_{p,i} \right) - \left( \sum_j w_j \times wh_{p,j}^{*(PR)} \right)} \right) \times \left( \hat{WH}_p - \sum_j wh_{p,j}^{*(PR)} \right) + \sum_j pr_{p,j}^*}{\hat{WH}_p} \right)$$

for all  $i \in I$  and  $j \in J$

where:

$i$	=	a matched CES report;
$I$	=	the set of all matched CES reports;
$j$	=	a matched CES report where the current month is atypical;
$J$	=	the set of all matched CES reports where the current month is atypical (NOTE: $J$ is a subset of $I$ );
	=	weight associated with the CES report;
$pw_{c,i}$	=	current-month reported production workers;
$pw_{p,i}$	=	previous-month reported production workers;
$pw^*_{c,j}$	=	current-month reported production workers, atypical record;
$pw^*_{p,j}$	=	previous-month reported production workers, atypical record;
$pw^{*(WH)}_{c,j}$	=	current-month reported production workers, atypical weekly hours (WH) record;
$pw^{*(WH)}_{p,j}$	=	previous-month reported production workers, atypical weekly hours (WH) record;
$\hat{PW}_{c,i}$	=	current-month estimated production workers;
$\hat{PW}_{p,i}$	=	previous-month estimated production workers;
$wh_{c,i}$	=	current-month reported weekly hours;
$wh_{p,i}$	=	previous-month reported weekly hours;
$wh^*_{c,j}$	=	current-month reported weekly hours, atypical record;
$wh^*_{p,j}$	=	previous-month reported weekly hours, atypical record;
$wh^{*(PR)}_{c,j}$	=	current-month reported weekly hours, atypical payroll (PR) record;
$wh^{*(PR)}_{p,j}$	=	previous-month reported weekly hours, atypical payroll (PR) record;
$\hat{WH}_{c,i}$	=	current-month estimated weekly hours;

$\hat{WH}_{p,i}$	=	previous-month estimated weekly hours;
$\hat{AWH}_{c,i}$	=	current-month estimated average weekly hours;
$\hat{AWH}_{p,i}$	=	previous-month estimated average weekly hours;
$pr_{c,i}$	=	current-month reported weekly payroll;
$pr_{p,i}$	=	previous-month reported weekly payroll;
$pr^*_{c,j}$	=	current-month reported weekly payroll, atypical record;
$pr^*_{p,j}$	=	previous-month reported weekly payroll, atypical record;
$\hat{AHE}_{c,i}$	=	current-month estimated average hourly earnings; and
$\hat{AHE}_{p,i}$	=	previous-month estimated average hourly earnings.

Estimation of overtime hours is identical to that described for weekly hours, with the appropriate substitution of overtime hours values for the weekly hours values in the previous formula.

**Business birth and death estimation.** In a dynamic economy, firms are continually opening and closing. These two occurrences offset each other to some extent. That is, firms that are born replace firms that die. CES uses this fact to account for a large proportion of the employment associated with business births. This is accomplished by excluding such business death units from the matched sample definition. Effectively, business deaths are not included in the sample-based link portion of the estimate, and the implicit imputation of their previous month's employment is assumed to offset a portion of the employment associated with births.

There is an operational advantage associated with this approach as well. Most firms will not report that they have gone out of business; rather, they simply cease reporting and are excluded from the link, as are all other nonrespondents. As a result, extensive follow-up with monthly nonrespondents to determine whether a company is out of business or simply did not respond is not required.

Employment associated with business births will not exactly equal that associated with business deaths. The amount by which it differs varies by month and by industry. As a result, the residual component of the birth/death offset must be accounted for by using a model-based approach.

With any model-based approach, it is desirable to have 5 or more years of history to use in developing the models. Due to the absence of reliable counts of monthly business births and deaths, development of an appropriate birth/death residual series assumed the following form:

$$\text{Birth-death residual} = \text{Population} - \text{Sample-based estimate} + \text{Error}$$

During the net birth/death modeling process, simulated monthly probability estimates over a 5-year period are created and compared with population employment levels. Moving from a simulated benchmark, the differences between the series across time represent a cumulative birth/death component. Those residuals are converted to month-to-month differences and used as input series to the modeling process.

Models are fit using X-12 ARIMA (Auto-Regressive Integrated Moving Average). Outliers, level shifts, and temporary ramps are automatically identified. Seven models are tested, and the model exhibiting the lowest average forecast error is selected for each series. Table 2-B shows the net birth/death model figures for the post-benchmark period of April 2002 to February 2003 by supersector.

## THE SAMPLE

### Design

The CES sample is a stratified, simple random sample of worksites, clustered by UI account number. The UI account number is a major identifier on the BLS longitudinal database of employer records, which serves as both the sampling frame

and the benchmark source for the CES employment estimates. The sample strata, or subpopulations, are defined by State, industry, and employment size, yielding a State-based design. The sampling rates for each stratum are determined through a method known as optimum allocation, which distributes a fixed number of sample units across a set of strata to minimize the overall variance, or sampling error, on the primary estimate of interest. The total nonfarm employment level is the primary estimate of interest, and the CES sample design gives top priority to measuring it as precisely as possible, or, in other words, minimizing the statistical error around the statewide total nonfarm employment estimates.

**Frame and sample selection.** The longitudinal data base (LDB) is the universe from which BLS draws the CES sample. The LDB contains data on approximately 8 million U.S. business establishments, representing nearly all elements of the U.S. economy. The ES-202 program collects these data from employers, on a quarterly basis, in cooperation with State employment security agencies (SESAs). The LDB contains employment and wage information from employers, as well as name, address, and location information. It also contains identification information such as unemployment insurance (UI) account number and reporting unit or worksite number.

The LDB contains records of all employers covered under the unemployment insurance tax system. The system covers 97 percent of all employers in the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands. There are a few sections of the economy that are not covered, including the self-employed, unpaid family workers, railroads, religious organizations, small agricultural employers, and elected

Table 2-B. Net birth/death estimates for private nonfarm industries, post-benchmark 2002

(In thousands)

Year and month	Natural re-sources and mining	Con-struction	Manu-facturing	Trade, trans-portion, and utilities	Infor-mation	Financial activities	Profes-sional and business services	Educa-tion and health services	Leisure and hos-pitality	Other services	Total monthly amount con-tributed
<b>2002:</b>											
April .....	-1	22	-2	-31	0	0	20	6	29	1	44
May .....	1	37	6	21	4	6	23	5	67	6	176
June .....	1	29	5	20	2	5	17	-6	78	5	156
July .....	0	-6	-22	-24	-1	-5	-16	-13	37	-11	-61
August .....	0	15	6	21	4	6	22	10	18	4	106
September .....	0	11	3	18	1	3	8	13	-36	2	23
October .....	1	9	-3	30	5	11	19	29	-34	1	68
November .....	0	-7	3	24	4	5	7	8	-20	1	25
December .....	-1	-9	3	23	2	12	6	6	8	3	53
<b>2003:</b>											
January .....	-4	-77	-29	-95	-3	-25	-107	-7	-32	-12	-391
February .....	0	11	6	6	6	10	33	14	28	5	119
March .....	0	29	8	25	2	7	31	6	37	6	151
<b>Cumulative total .....</b>	<b>-3</b>	<b>64</b>	<b>-16</b>	<b>38</b>	<b>26</b>	<b>35</b>	<b>63</b>	<b>71</b>	<b>180</b>	<b>11</b>	<b>469</b>

officials. Data for employers generally are reported at the worksite level. Employers who have multiple establishments within a State usually report data for each individual establishment. The LDB tracks establishments over time and links them from quarter to quarter.

Permanent random numbers (PRNs) have been assigned to all UI accounts on the sampling frame. As new units appear on the frame, random numbers are assigned to those units as well. As records are linked across time, the PRN is carried forward in the linkage.

The CES sample is stratified by State, industry, and size. Stratification groups population members together for the purpose of sample allocation and selection. The strata, or groups, are composed of homogeneous units. With 11 industries and 8 size classes, there are 88 total allocation cells per State. The sampling rate for each stratum is determined through a method known as optimum allocation. Optimum allocation minimizes variance at a fixed cost or minimizes cost for a fixed variance. Under the CES probability design, a fixed number of sample units for each State is distributed across the allocation strata in such a way as to minimize the overall variance, or sampling error, of the total State employment level. The number of sample units in the CES probability sample was fixed according to available program resources. The optimum allocation formula places more sample in cells for which data cost less to collect, cells that have more units, and cells that have a larger variance.

During the first quarter of each year, a new sample is drawn from the LDB. Annual sample selection helps keep the CES survey current with respect to employment from business births and business deaths. In addition, the updated universe files provide the most recent information on industry, size, and metropolitan area designation.

After all out-of-scope records are removed, the sampling frame is sorted into allocation cells. Within each allocation cell, units are sorted by metropolitan statistical area (MSA) and by the size of the MSA, defined as the number of UI accounts in that MSA. As the sampling rate is uniform across the entire allocation cell, implicit stratification by MSA ensures that a proportional number of units are sampled from each MSA. Some MSAs may have too few UI accounts in the allocation cell; these MSAs are collapsed and treated as a single MSA. Within each selection cell, the units are sorted by PRN, and units are selected according to the specified sample selection rate. The number of units selected randomly from each selection cell is equal to the product of the sample selection rate and the number of eligible units in the cell, plus any carryover from the prior selection cell. The result is rounded to the nearest whole number. Carryover is defined as the amount that is rounded up or down to the nearest whole number.

Once the sample is drawn, sample selection weights are calculated based on the number of UI accounts actually

selected within each allocation cell. The sample selection weight is approximately equal to the inverse of the probability of selection, or the inverse of the sampling rate. It is computed as:

$$\text{Sample selection weight} = N_h / n_h$$

where:

$N_h$  = the number of noncertainty UI accounts within the allocation cell that are eligible for sample selection; and

$n_h$  = the number of noncertainty UI accounts selected within the allocation cell

To further reduce the enrollment workload caused by the annual update of the sample, BLS has established a "swapping" procedure in which sample members selected in the previous year are used in lieu of new sample members. As a result of the swap procedure, the amount of sample overlap from year to year is increased. A sample is selected from the first-quarter frame using the random sampling procedures. If a new sample member is selected during random sampling, a check is made for a previously selected unit that was not selected in the new sample. The previously selected unit must be within the same State, industry, and size class and must have the same PRN date as the originally selected unit. Newly selected units are replaced until all suitable replacements are exhausted. The units are generally available for swapping due to changes in the MSA, NAICS classification, and size of units.

As a result of the swap procedure, approximately 90 percent of the Current Employment Statistics sample for the private industries overlaps from one year to the next. Before the swap procedure was implemented, approximately 35,000 new UI accounts were selected each year during the annual update. With the swap procedure, this number is reduced by as much as 40 percent, or 15,000 units.

Due to the dynamic economy, there is a constant cycle of business births and deaths. A semiannual update is performed during the third quarter of each year. This update selects units from the population of births and other units not previously eligible for selection, and includes them as part of the sample. Updated location, contact, and administrative information is provided for all establishments that were selected in the annual sample selection.

**Frame maintenance and sample updates.** The primary enrollment of new establishments takes place in BLS regional office data collection centers (DCCs). After the sample has been sent to the DCCs, interviewers enroll the selected establishments. While the UI account is the sample unit, interviewers attempt to collect the data for all individual establishments within a UI account.

Table 2-C. **Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 2002**

Industry	Employment benchmarks (thousands)	Sample coverage			
		Unemployment insurance counts (UI) <sup>1</sup>	Number of establishments <sup>1</sup>	Employees	
				Number (thousands) <sup>2</sup>	Percent of employment benchmarks
Total .....	129,672	126,923	328,016	37,879	29
Natural resources and mining .....	574	1,088	2,503	151	26
Construction .....	6,416	9,730	11,627	619	10
Manufacturing .....	15,375	16,885	25,935	5,014	33
Trade, transportation, and utilities ...	25,219	<sup>3</sup> 19,476	<sup>3</sup> 99,476	5,972	24
Information .....	3,448	2,286	11,181	833	24
Financial activities .....	7,793	6,120	47,249	1,631	21
Professional and business services .....	15,845	16,690	39,904	2,948	19
Education and health services .....	16,197	13,334	42,829	4,681	29
Leisure and hospitality .....	11,622	13,153	33,207	1,888	16
Other services .....	5,347	6,681	13,929	429	8
Government .....	21,836	21,480	176	13,713	63

<sup>1</sup> Counts reflect active sample reports. Because not all establishments report payroll and hours information, hours and earnings estimates are based on a smaller sample than are the employment estimates.

<sup>2</sup> Average employment of reported values for 2002.

<sup>3</sup> The Surface Transportation Board provides a complete count of employment for Class I railroads plus Amtrak. A small sample is used to estimate hours and earnings data.

For multiple-worksites UI accounts, it is sometimes necessary to subsample employers. This occurs when:

- the company cannot report for all worksites from a central location;
- the company cannot provide an aggregate report for the entire UI account; or
- there are too many individual worksites to make it practical to contact each of them.

With subsampling of a smaller number of worksites, both interviewer workload and respondent burden are reduced without significantly reducing the accuracy of the estimates, but this technique will result in a small increase in variance. In the event that a UI account is subsampled, weight adjustments are made to reflect each of the worksites' probability of selection.

### Coverage

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 supersector levels. The coverage for individual industries within the supersectors 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 for the total nonfarm estimates. Measurements of error associated with sample estimates are provided in tables 2-D through 2-F.

**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, it actually represents the difference between two independent estimates derived from separate survey processes (specifically, the CES sample process and the UI administrative 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 0.3 percent, with an absolute range from less than 0.05 percent to 0.7 percent.

**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-D 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.

Table 2-D. **Errors of preliminary employment estimates**

Industry	Root-mean-square error of monthly level <sup>1</sup>	Mean percent revision	
		Actual	Ab-solute
Total .....	50,000	0	0
Total private .....	40,300	0	0
Government .....	26,200	0	0.1
Federal government .....	13,900	0.1	.4
Federal government, except U.S. Postal Service .....	11,900	.3	.4
U.S. Postal Service .....	7,700	-.2	.5
State government .....	11,900	0	.2
State government education .....	11,300	0	.5
State government, excluding education .....	4,700	0	.1
Local government .....	18,300	0	.1
Local government education .....	17,600	0	.2
Local government, excluding education .....	8,700	.1	.1

<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.

NOTE: Errors are based on differences from January 1998 through December 2002.

Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 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.

**Variance estimation.** The estimation of sample variance for the CES survey is accomplished through use of the method of balanced half samples (BHS). This replication technique uses half samples of the original sample and calculates estimates using those subsamples. The sample variance is calculated by measuring the variability of the subsample estimates. The weighted link estimator is used to calculate both estimates and variances. The sample units in each cell—where a cell is based on State, industry, and size classification—are divided into two random groups. The basic BHS method is applied to both groups. The subdivision of the cells is done systematically, in the same order as the initial sample selection. Weights for units in the half sample are multiplied by a factor of  $1 + \gamma$  where weights for units not in the half sample are multiplied by a factor of  $1 - \gamma$ . Estimates from these subgroups are calculated using the estimation formula described previously.

The formula used to calculate CES variances is as follows:

$$v_k^+(\hat{\theta}) = \frac{1}{\gamma^2 k} \sum_{\alpha=1}^k \left( \hat{\theta}_{\alpha}^+ - \hat{\theta} \right)^2,$$

where:

$\hat{\theta}_{\alpha}^+ = \theta(\hat{Y}_{\alpha}^+, \hat{X}_{\alpha}^+, \dots)$  is the half-sample estimator;

$\gamma = 1/2$ ;

$k$  = number of half-samples; and

$\hat{\theta}$  = original full-sample estimates.

**Appropriate uses of sampling variances.** Variance statistics are useful for comparison purposes, but they do have some limitations. Variances reflect the error component of the estimates that is due to surveying only a subset of the population, rather than conducting a complete count of the entire population. However, they do not reflect nonsampling error, such as response errors, and bias due to nonresponse. The overall performance of the CES employment estimates is best measured in terms of the benchmark revisions. The variances of the over-the-month change estimates are very useful in determining when changes are significant at some level of confidence.

**Sampling errors.** The sampling errors shown for total nonfarm and for total private industries have been calculated for estimates that follow the benchmark employment revision by a period of 12 to 24 months. Since the error estimates generally increase as a function of time after the month of benchmark revision, this period was determined to be the period of greatest interest for the estimates. For example, the May 2003 estimates follow the benchmark revision (March 2002) by 14 months. The errors are presented as median values of the observed error estimates. These estimates have been estimated using the method of balanced half samples with the probability sample data and sample weights assigned at the time of sample selection.

**Illustration of the use of table 2-E.** Table 2-E provides a reference for relative standard errors of three major series developed from the CES—estimates of the number of all employees (AE), of average hourly earnings (AHE), and of average weekly hours (AWH) within the same industry.

The standard errors of differences between estimates in two non-overlapping industries are calculated as:

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

since the two estimates are independent.

The errors are presented as relative standard errors (standard error divided by the estimate and expressed as a percent). Multiplying the relative standard error by its estimated value gives the estimate of the standard error.

Suppose that the level of all employees for financial activities in a given month is estimated at 7,654,000. The approximate relative standard error of this estimate (0.6 percent) is provided in table 2-E. A 90-percent confidence interval would then be the interval:

$$\begin{aligned} &7,654,000 \pm (1.645 \cdot .006 \cdot 7,654,000) \\ &= 7,654,000 \pm 75,545 \\ &= 7,578,455 \text{ to } 7,729,545 \end{aligned}$$

**Illustration of the use of table 2-F.** Table 2-F provides a reference for the standard errors of 1-, 3-, and 12-month changes in AE, AHE, and AWH. The errors are presented as standard errors of the changes.

Suppose that the over-the-month change in AHE from January to February in coal mining is \$0.11. The standard error for a 1-month change for coal mining from the table is \$0.24. The interval estimate of the over-the-month change in AHE that will include the true over-the-month change with 90-percent confidence is calculated as:

$$\begin{aligned} &\$0.11 \pm (1.645 \cdot \$0.24) \\ &= \$0.11 \pm \$0.39 \\ &= -\$0.28 \text{ to } \$0.50 \end{aligned}$$

The true value of the over-the-month change is in the interval -\$0.28 to \$0.50. Because this interval includes \$0.00 (no change), the change of \$0.11 shown is not significant at the 90-percent confidence level. Alternatively, the estimated change of \$0.11 does not exceed \$0.39 ( $1.645 \cdot \$0.24$ ); therefore, one could conclude from these data that the change is not significant at the 90-percent confidence level.

## 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.

Estimates for States and areas are produced using two methods. The majority of State and area estimates are produced using direct sample-based estimation. However, published area and industry combinations (domains) that do not have a large enough sample to support estimation using only sample responses are estimated by using a small-domain model.

**Small-domain model.** The small-domain model consists of a weighted sum of three different relative over-the-month change estimates,  $\hat{L}_{iat,1}$ ,  $\hat{L}_{iat,2}$ , and  $\hat{L}_{iat,3}$ . These three relative over-the-month change estimates are then weighted based on the variance of each of the three estimates. The larger the variance of each  $\hat{L}_k$  estimate relative to the other  $\hat{L}_k$  variances, the smaller the weight. The resulting estimate of current-month employment  $\hat{Y}_{iat}$  is defined as:

$$\hat{Y}_{iat} = (W_{iat,1} \hat{L}_{iat,1} + W_{iat,2} \hat{L}_{iat,2} + W_{iat,3} \hat{L}_{iat,3}) \hat{Y}_{ia,t-1}$$

where:

$\hat{Y}_{iat}$  = current-month *t* employment estimate for domain *ia* defined by the intersection of industry *i* and area *a*;

$\hat{L}_{iat,1}$  = current-month relative over-the-month change estimate based on available sample responses for domain *ia*;

$W_{iat,1}$  = current-month weight assigned to  $\hat{L}_{iat,1}$  based on the variances of  $\hat{L}_{iat,1}$ ,  $\hat{L}_{iat,2}$ , and  $\hat{L}_{iat,3}$  (The weights  $W_{iat,2}$  and  $W_{iat,3}$  are defined similarly.);

$\hat{L}_{iat,2}$  = current-month relative over-the-month change estimate based on time series forecasts using historical universe employment counts for domain *ia* (These historical universe employment counts are available from January 1990 to 12 months prior to the current month *t*.);

$\hat{L}_{iat,3}$  = current-month relative over-the-month change estimate based on a synthetic estimate of the relative change that uses all sample responses in the State that includes area *a*, for industry *i*; and

$\hat{Y}_{ia,t-1}$  = previous-month employment estimate for domain *ia* from the small domain model.

It is possible that for a given industry *i* and area *a*, one or even two of the inputs  $\hat{L}_{iat,k}$  to the model are assigned weights of 0. The reasons for assigning a weight of 0 to a model input are due to concerns regarding the stability of the inputs. For example, if  $\hat{L}_{iat,1}$  or  $\hat{L}_{iat,3}$  has five or fewer responses, then it is assigned a weight of 0. If  $\hat{L}_{iat,2}$  exhibits an unstable variance or has an extremely poor model fit, then it may also be assigned a weight of 0. In these cases, the small-domain model estimate may be based on only one or two of the three described inputs.

Sampling errors are not applicable to the estimates made using the small-domain models. The measure available to judge the reliability of these modeled estimates is their performance over past time periods compared with the universe values for those time periods. These measures are useful; however, it is not certain that the past performance of the modeled estimates accurately reflects their current performance.

It should also be noted that extremely small estimates of 2,000 employees or less are potentially subject to large percentage revisions that are caused by occurrences such as the relocation of one or two businesses or a change in the activities of one or two businesses. These are noneconomic classification changes that relate to the activity or location of businesses and will be present for sample-based estimates as well as the model-based estimates.

**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 distortion 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-E. Relative standard errors for estimates of employment, hours, and earnings in selected industries <sup>1</sup>  
(Percent)

Industry	Relative standard error		
	All employees	Average hourly earnings	Average weekly hours
Total nonfarm .....	0.2	( <sup>2</sup> )	( <sup>2</sup> )
Total private .....	0.2	0.2	0.2
Goods-producing .....	0.4	0.4	0.4
Natural resources and mining .....	2.2	2.3	2.0
Logging .....	7.6	5.9	5.9
Mining .....	2.1	2.6	2.0
Oil and gas extraction .....	3.7	3.5	4.4
Mining, except oil and gas .....	2.4	1.4	1.8
Coal mining .....	3.1	2.5	3.5
Support activities for mining .....	3.5	6.2	4.6
Construction .....	0.9	0.7	0.8
Construction of buildings .....	1.6	1.3	1.4
Heavy and civil engineering construction .....	2.0	1.5	2.2
Specialty trade contractors .....	1.2	0.9	1.0
Manufacturing .....	0.3	0.4	0.5
Durable goods .....	0.3	0.4	0.8
Wood products .....	1.3	1.1	1.6
Nonmetallic mineral products .....	1.5	1.5	2.6
Primary metals .....	1.3	1.2	1.8
Fabricated metal products .....	0.7	0.9	1.1
Machinery .....	0.9	1.1	1.5
Computer and electronic products .....	1.4	1.5	2.6
Computer and peripheral equipment .....	3.8	7.6	9.1
Communications equipment .....	4.8	5.1	6.4
Semiconductors and electronic components .....	2.3	2.6	5.2
Electronic instruments .....	1.1	2.6	1.8
Electrical equipment and appliances .....	1.5	1.4	2.3
Transportation equipment .....	1.1	0.8	1.9
Furniture and related products .....	1.9	1.5	1.6
Miscellaneous manufacturing .....	1.3	1.3	2.3
Nondurable goods .....	0.6	0.9	0.8
Food manufacturing .....	1.1	1.3	1.6
Beverages and tobacco products .....	2.5	5.6	7.6
Textile mills .....	1.5	0.8	3.1
Textile product mills .....	3.3	3.2	4.0
Apparel .....	2.8	2.1	2.5
Leather and allied products .....	5.6	3.2	4.9
Paper and paper products .....	1.4	1.3	1.8
Printing and related support activities .....	1.3	1.5	1.3
Petroleum and coal products .....	2.2	5.3	7.1
Chemicals .....	1.2	1.8	1.5
Plastics and rubber products .....	1.2	1.3	1.4
Private service-providing .....	0.2	0.3	0.3
Trade, transportation, and utilities .....	0.3	0.5	0.5
Wholesale trade .....	0.7	1.2	1.0
Durable goods .....	0.9	1.6	0.9
Nondurable goods .....	0.9	1.7	1.6
Electronic markets and agents and brokers .....	2.4	4.1	3.4
Retail trade .....	0.4	0.7	0.5
Motor vehicle and parts dealers .....	0.7	2.8	1.3
Automobile dealers .....	0.8	3.8	1.6
Furniture and home furnishings stores .....	1.9	4.3	3.3
Electronics and appliance stores .....	2.0	6.8	3.8
Building material and garden supply stores .....	1.1	1.4	1.9
Food and beverage stores .....	1.1	1.1	0.9
Health and personal care stores .....	1.2	3.0	3.8

See footnotes at end of table.

Table 2-E. Relative standard errors for estimates of employment, hours, and earnings in selected industries <sup>1</sup>—Continued  
(Percent)

Industry	Relative standard error		
	All employees	Average hourly earnings	Average weekly hours
Retail trade—Continued			
Gasoline stations .....	1.6	1.6	1.6
Clothing and clothing accessories stores .....	1.7	3.0	3.4
Sporting goods, hobby, book, and music stores .....	2.3	2.1	3.7
General merchandise stores .....	1.2	0.9	0.9
Department stores .....	1.6	1.2	1.4
Miscellaneous store retailers .....	1.4	2.2	2.6
Nonstore retailers .....	4.6	2.6	3.7
Transportation and warehousing .....	0.7	0.9	1.4
Air transportation .....	1.0	5.2	4.5
Rail transportation .....	1.6	( <sup>3</sup> )	( <sup>3</sup> )
Water transportation .....	5.7	5.5	8.7
Truck transportation .....	1.0	1.6	1.9
Transit and ground passenger transportation .....	2.6	4.2	5.5
Pipeline transportation .....	6.3	2.5	5.2
Scenic and sightseeing transportation .....	31.7	11.6	41.1
Support activities for transportation .....	2.5	2.8	2.8
Couriers and messengers .....	1.2	2.3	4.7
Warehousing and storage .....	3.0	1.6	2.6
Utilities .....	0.9	2.2	2.3
Information .....	0.9	1.5	1.1
Publishing industries, except Internet .....	1.1	2.6	2.1
Motion picture and sound recording industries .....	4.2	4.0	5.1
Broadcasting, except Internet .....	3.4	2.9	3.1
Internet publishing and broadcasting .....	9.5	7.5	9.5
Telecommunications .....	1.5	3.0	1.8
ISPs, search portals, and data processing .....	2.2	5.7	3.5
Other information services .....	3.9	5.0	7.2
Financial activities .....	0.6	1.1	0.9
Finance and insurance .....	0.6	1.4	1.0
Monetary authorities - central bank .....	1.1	3.3	3.8
Credit intermediation and related activities .....	0.9	2.2	1.7
Depository credit intermediation .....	0.6	1.8	2.1
Commercial banking .....	0.8	2.4	2.6
Securities, commodity contracts, investments .....	1.6	3.6	2.0
Insurance carriers and related activities .....	1.0	2.0	1.6
Funds, trusts, and other financial vehicles .....	4.4	2.2	3.6
Real estate and rental and leasing .....	1.3	1.3	2.0
Real estate .....	1.7	1.8	2.5
Rental and leasing services .....	2.0	2.4	3.2
Lessors of nonfinancial intangible assets .....	7.1	8.8	6.4
Professional and business services .....	0.7	0.7	0.7
Professional and technical services .....	0.7	1.1	1.2
Legal services .....	1.0	1.2	1.1
Accounting and bookkeeping services .....	3.4	3.7	6.4
Architectural and engineering services .....	1.6	1.6	1.4
Computer systems design and related services .....	1.3	3.0	3.2
Management and technical consulting services .....	2.3	2.6	2.5
Management of companies and enterprises .....	1.7	2.0	1.6
Administrative and waste services .....	1.4	1.5	1.4
Administrative and support services .....	1.4	1.5	1.4
Employment services .....	2.7	2.7	2.7
Temporary help services .....	3.1	2.9	1.8
Business support services .....	1.7	2.3	2.3
Services to buildings and dwellings .....	1.5	1.8	1.7
Waste management and remediation services .....	2.6	3.2	3.6
Education and health services .....	0.3	0.5	0.8
Educational services .....	1.2	1.8	2.0

See footnotes at end of table.

Table 2-E. Relative standard errors for estimates of employment, hours, and earnings in selected industries <sup>1</sup>—Continued  
(Percent)

Industry	Relative standard error		
	All employees	Average hourly earnings	Average weekly hours
Health care and social assistance .....	0.3	0.4	0.8
Ambulatory health care services .....	0.4	0.9	1.8
Offices of physicians .....	0.6	1.3	1.7
Outpatient care centers .....	1.3	2.2	2.6
Home health care services .....	1.5	3.3	6.4
Hospitals .....	0.3	0.5	1.0
Nursing and residential care facilities .....	0.5	0.7	1.1
Nursing care facilities .....	0.6	0.8	1.5
Social assistance .....	0.7	1.1	1.5
Child day care services .....	1.5	2.2	2.6
Leisure and hospitality .....	0.5	2.0	0.9
Arts, entertainment, and recreation .....	1.7	7.1	3.8
Performing arts and spectator sports .....	4.9	12.6	14.3
Museums, historical sites, zoos, and parks .....	3.6	2.9	4.5
Amusements, gambling, and recreation .....	1.9	2.2	2.3
Accommodations and food services .....	0.4	0.9	0.9
Accommodations .....	1.0	1.2	1.4
Food services and drinking places .....	0.5	1.1	0.9
Other services .....	1.2	1.7	1.9
Repair and maintenance .....	1.0	1.9	1.5
Personal and laundry services .....	1.0	2.1	2.1
Membership associations and organizations .....	2.1	3.1	3.5

<sup>1</sup> Estimates of variance are not available for government sectors due to lack of historical probability-based estimates.

<sup>2</sup> Hours and earnings estimates are not published.

<sup>3</sup> Estimates are not available as a result of confidentiality standards.

Table 2-F. Standard errors for change in levels estimates of employment, hours, and earnings in selected industries <sup>1</sup>

Industry	Standard error 1-month change			Standard error 3-month change			Standard error 12-month change		
	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings
Total nonfarm .....	63,933	( <sup>2</sup> )	( <sup>2</sup> )	103,702	( <sup>2</sup> )	( <sup>2</sup> )	175,111	( <sup>2</sup> )	( <sup>2</sup> )
Total private .....	60,368	0.03	\$0.01	95,968	0.05	\$0.02	158,128	0.07	\$0.03
Goods-producing .....	22,170	0.06	0.02	38,329	0.08	0.03	75,023	0.14	0.05
Natural resources and mining .....	2,875	0.45	0.12	4,774	0.57	0.21	9,380	0.95	0.38
Logging .....	1,089	0.88	0.25	2,209	1.29	0.39	4,436	2.08	0.78
Mining .....	2,627	0.49	0.13	4,098	0.57	0.23	7,982	1.01	0.43
Oil and gas extraction .....	791	0.73	0.31	1,902	1.17	0.38	3,592	1.75	0.78
Mining, except oil and gas .....	1,223	0.38	0.11	2,045	0.47	0.16	4,019	0.74	0.28
Coal mining .....	583	0.65	0.24	833	0.90	0.35	1,844	1.46	0.54
Support activities for mining .....	2,135	1.12	0.24	3,093	1.49	0.45	5,248	2.36	0.82
Construction .....	15,443	0.12	0.04	26,732	0.16	0.06	55,934	0.27	0.12
Construction of buildings .....	7,932	0.23	0.09	13,240	0.30	0.14	22,647	0.44	0.22
Heavy and civil engineering construction .....	4,843	0.35	0.09	8,420	0.52	0.15	14,970	0.80	0.26
Specialty trade contractors .....	12,630	0.16	0.06	22,424	0.21	0.09	44,083	0.34	0.15
Manufacturing .....	13,823	0.07	0.02	22,637	0.10	0.03	39,869	0.16	0.06
Durable goods .....	10,066	0.09	0.03	15,801	0.15	0.04	32,029	0.25	0.06
Wood products .....	2,414	0.27	0.06	4,059	0.45	0.08	6,892	0.63	0.13
Nonmetallic mineral products .....	2,279	0.33	0.08	3,864	0.53	0.11	7,093	0.93	0.20
Primary metals .....	2,039	0.28	0.08	3,234	0.40	0.13	6,190	0.76	0.19
Fabricated metal products .....	3,819	0.16	0.04	6,527	0.23	0.06	10,980	0.41	0.12
Machinery .....	3,619	0.21	0.06	6,142	0.31	0.09	10,873	0.51	0.17
Computer and electronic products .....	4,926	0.33	0.08	7,800	0.44	0.12	17,091	0.86	0.21
Computer and peripheral equipment .....	840	1.10	0.29	2,483	1.62	0.63	6,871	3.14	1.40
Communications equipment .....	1,793	0.72	0.29	2,517	0.85	0.38	8,130	1.74	0.60
Semiconductors and electronic components .....	1,588	0.60	0.11	5,034	0.88	0.15	10,591	1.69	0.32
Electronic instruments .....	1,759	0.34	0.12	2,334	0.42	0.21	4,277	0.73	0.40
Electrical equipment and appliances .....	2,017	0.34	0.06	2,973	0.40	0.09	6,645	0.75	0.16
Transportation equipment .....	4,752	0.22	0.08	7,642	0.35	0.12	15,930	0.59	0.16
Furniture and related products .....	2,392	0.30	0.07	4,541	0.36	0.09	8,619	0.54	0.15
Miscellaneous manufacturing .....	2,484	0.30	0.07	3,887	0.42	0.10	7,852	0.82	0.15
Nondurable goods .....	8,678	0.11	0.03	16,575	0.14	0.04	27,154	0.25	0.10
Food manufacturing .....	5,483	0.23	0.06	10,654	0.31	0.07	13,704	0.52	0.14
Beverages and tobacco products .....	1,477	0.83	0.25	2,809	1.13	0.38	4,331	2.47	0.78
Textile mills .....	1,365	0.37	0.06	2,847	0.40	0.07	4,264	0.84	0.10
Textile product mills .....	1,719	0.53	0.06	2,966	0.87	0.16	6,141	1.45	0.36
Apparel .....	3,362	0.38	0.07	5,618	0.48	0.09	9,078	0.82	0.16
Leather and allied products .....	637	0.78	0.14	915	0.98	0.18	2,910	1.62	0.29
Paper and paper products .....	1,797	0.27	0.10	3,043	0.37	0.13	6,398	0.71	0.19
Printing and related support activities .....	2,631	0.25	0.07	3,931	0.31	0.10	7,698	0.49	0.18
Petroleum and coal products .....	864	0.95	0.21	1,133	1.11	0.37	2,665	2.75	1.07
Chemicals .....	2,790	0.29	0.09	4,986	0.38	0.14	8,688	0.62	0.31
Plastics and rubber products .....	2,447	0.24	0.07	4,261	0.33	0.09	8,119	0.49	0.15
Private service-providing .....	54,189	0.04	0.02	89,054	0.06	0.03	139,364	0.09	0.04
Trade, transportation, and utilities .....	23,984	0.05	0.03	38,679	0.09	0.04	68,232	0.14	0.06
Wholesale trade .....	9,243	0.12	0.07	15,138	0.17	0.10	33,313	0.32	0.17
Durable goods .....	6,116	0.14	0.09	10,251	0.20	0.12	22,948	0.33	0.23
Nondurable goods .....	5,991	0.22	0.08	8,991	0.29	0.11	15,475	0.52	0.20
Electronic markets and agents and brokers .....	3,051	0.32	0.24	4,922	0.44	0.44	11,991	1.14	0.82

See footnotes at end of table.

Table 2-F. Standard errors for change in levels estimates of employment, hours, and earnings in selected industries <sup>1</sup>—Continued

Industry	Standard error 1-month change			Standard error 3-month change			Standard error 12-month change		
	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings
Retail trade .....	16,169	0.06	\$0.03	29,834	0.09	\$0.04	52,952	0.15	\$0.07
Motor vehicle and parts dealers .....	4,203	0.20	0.13	7,112	0.27	0.20	11,035	0.47	0.37
Automobile dealers .....	3,073	0.24	0.20	4,817	0.30	0.29	8,210	0.56	0.55
Furniture and home furnishings stores ....	3,239	0.36	0.16	4,949	0.52	0.21	9,927	0.86	0.41
Electronics and appliance stores .....	3,357	0.36	0.21	6,125	0.68	0.33	9,498	1.20	0.84
Building material and garden supply stores .....	3,951	0.22	0.07	6,896	0.32	0.10	12,242	0.53	0.16
Food and beverage stores .....	5,891	0.11	0.05	10,484	0.16	0.06	23,665	0.25	0.10
Health and personal care stores .....	3,910	0.33	0.10	5,954	0.52	0.15	10,089	0.93	0.30
Gasoline stations .....	3,877	0.17	0.04	6,138	0.29	0.06	13,119	0.45	0.12
Clothing and clothing accessories stores .....	7,123	0.26	0.10	10,756	0.37	0.14	18,560	0.63	0.28
Sporting goods, hobby, book, and music stores .....	4,056	0.37	0.08	7,651	0.46	0.12	12,488	0.80	0.20
General merchandise stores .....	8,455	0.11	0.04	14,921	0.18	0.05	28,195	0.26	0.07
Department stores .....	6,778	0.15	0.06	13,101	0.23	0.06	25,974	0.39	0.09
Miscellaneous store retailers .....	4,669	0.27	0.10	7,460	0.36	0.15	13,218	0.63	0.25
Nonstore retailers .....	4,279	0.45	0.11	8,652	0.67	0.18	16,878	1.05	0.36
Transportation and warehousing .....	9,615	0.20	0.06	16,484	0.27	0.08	26,670	0.45	0.14
Air transportation .....	1,398	0.75	0.21	2,171	0.99	0.39	5,365	1.43	0.85
Rail transportation .....	1,728	( <sup>3</sup> )	( <sup>3</sup> )	4,155	( <sup>3</sup> )	( <sup>3</sup> )	3,368	( <sup>3</sup> )	( <sup>3</sup> )
Water transportation .....	964	1.06	0.39	1,590	1.65	0.63	2,928	2.28	0.94
Truck transportation .....	4,573	0.30	0.10	7,362	0.39	0.15	13,274	0.67	0.21
Transit and ground passenger transportation .....	2,588	0.50	0.17	4,846	0.83	0.23	8,495	1.37	0.47
Pipeline transportation .....	596	0.86	0.32	893	1.20	0.40	1,926	2.49	0.51
Scenic and sightseeing transportation .....	2,986	3.60	0.65	6,189	4.20	1.00	9,831	11.31	1.52
Support activities for transportation .....	4,074	0.40	0.11	5,687	0.52	0.15	12,594	0.89	0.33
Couriers and messengers .....	3,463	0.33	0.09	4,410	0.69	0.14	7,708	1.03	0.27
Warehousing and storage .....	3,402	0.34	0.11	5,623	0.57	0.15	10,742	1.05	0.26
Utilities .....	1,316	0.33	0.14	1,941	0.44	0.24	4,259	0.74	0.42
Information .....	8,699	0.17	0.10	14,829	0.21	0.19	28,380	0.38	0.26
Publishing industries, except Internet .....	2,378	0.28	0.21	3,906	0.40	0.28	8,365	0.73	0.51
Motion picture and sound recording industries .....	6,583	0.64	0.43	8,928	0.89	0.74	17,016	1.43	0.94
Broadcasting, except Internet .....	2,654	0.32	0.29	4,038	0.47	0.41	9,648	0.89	0.57
Internet publishing and broadcasting .....	459	1.10	0.70	1,195	1.14	0.91	3,095	2.47	1.61
Telecommunications .....	3,427	0.24	0.14	7,312	0.37	0.25	14,217	0.65	0.46
ISPs, search portals, and data processing .....	3,009	0.48	0.27	4,882	0.56	0.47	8,915	1.09	1.02
Other information services .....	603	0.76	0.14	793	0.93	0.26	1,366	1.49	0.45
Financial activities .....	10,242	0.11	0.05	17,926	0.14	0.08	37,745	0.28	0.16
Finance and insurance .....	7,450	0.14	0.06	12,728	0.18	0.10	28,349	0.32	0.22
Monetary authorities - central bank .....	66	0.67	0.31	102	0.77	0.36	205	1.20	0.47
Credit intermediation and related activities .....	5,290	0.20	0.11	9,308	0.27	0.17	18,120	0.52	0.32
Depository credit intermediation .....	2,553	0.25	0.06	3,733	0.26	0.13	8,094	0.60	0.27
Commercial banking .....	1,833	0.31	0.07	3,143	0.35	0.14	7,564	0.76	0.35
Securities, commodity contracts, investments .....	3,918	0.43	0.24	6,542	0.41	0.34	13,314	0.64	0.68
Insurance carriers and related activities .....	4,672	0.15	0.06	9,304	0.27	0.12	19,141	0.56	0.30
Funds, trusts, and other financial vehicles .....	450	0.59	0.12	807	0.67	0.24	2,304	1.38	0.44
Real estate and rental and leasing .....	6,603	0.18	0.07	11,562	0.29	0.09	20,742	0.55	0.15
Real estate .....	5,199	0.22	0.08	9,606	0.34	0.11	16,658	0.66	0.20
Rental and leasing services .....	3,770	0.35	0.12	5,289	0.46	0.18	12,127	0.90	0.27
Lessors of nonfinancial intangible assets .....	449	1.03	0.52	757	1.03	0.81	1,613	1.82	1.52

See footnotes at end of table.

Table 2-F. Standard errors for change in levels estimates of employment, hours, and earnings in selected industries <sup>1</sup>—Continued

Industry	Standard error 1-month change			Standard error 3-month change			Standard error 12-month change		
	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings
Professional and business services .....	25,349	0.10	\$0.05	46,872	0.17	\$0.07	93,306	0.20	\$0.12
Professional and technical services .....	12,053	0.13	0.08	27,481	0.32	0.13	43,917	0.38	0.19
Legal services .....	3,022	0.16	0.12	4,560	0.21	0.14	8,846	0.34	0.24
Accounting and bookkeeping services .....	7,314	0.67	0.15	23,427	1.69	0.35	27,208	2.15	0.49
Architectural and engineering services .....	4,238	0.23	0.11	7,898	0.26	0.16	16,981	0.49	0.30
Computer systems design and related services .....	5,326	0.26	0.22	7,491	0.46	0.37	13,671	1.01	0.68
Management and technical consulting services .....	3,751	0.27	0.20	7,011	0.45	0.29	12,143	0.72	0.53
Management of companies and enterprises .....	4,962	0.20	0.10	9,574	0.30	0.15	25,379	0.54	0.37
Administrative and waste services .....	24,264	0.14	0.06	42,382	0.23	0.09	85,064	0.39	0.17
Administrative and support services .....	24,592	0.15	0.07	42,051	0.23	0.09	84,523	0.40	0.18
Employment services .....	22,197	0.24	0.12	37,723	0.39	0.17	76,777	0.70	0.33
Temporary help services .....	17,840	0.23	0.09	29,908	0.33	0.16	59,501	0.54	0.34
Business support services .....	3,694	0.33	0.08	6,937	0.49	0.11	10,791	0.68	0.23
Services to buildings and dwellings .....	5,766	0.21	0.05	9,733	0.29	0.09	18,981	0.46	0.16
Waste management and remediation services .....	2,572	0.48	0.15	4,563	0.67	0.23	7,382	1.23	0.45
Education and health services .....	16,082	0.07	0.03	26,028	0.09	0.04	37,976	0.19	0.06
Educational services .....	11,821	0.19	0.05	23,031	0.37	0.14	26,017	0.63	0.21
Health care and social assistance .....	10,083	0.06	0.03	15,937	0.08	0.03	27,506	0.21	0.06
Ambulatory health care services .....	6,300	0.11	0.06	10,010	0.16	0.07	17,307	0.44	0.11
Offices of physicians .....	3,857	0.21	0.10	5,990	0.25	0.10	9,590	0.43	0.19
Outpatient care centers .....	1,404	0.26	0.09	2,219	0.33	0.16	4,060	0.60	0.30
Home health care services .....	3,254	0.25	0.08	5,168	0.87	0.12	8,035	1.74	0.36
Hospitals .....	3,681	0.11	0.05	5,652	0.17	0.07	9,652	0.27	0.10
Nursing and residential care facilities .....	4,046	0.12	0.03	6,045	0.17	0.04	10,522	0.30	0.07
Nursing care facilities .....	2,775	0.14	0.04	4,195	0.19	0.06	7,797	0.39	0.08
Social assistance .....	4,827	0.12	0.03	7,967	0.20	0.05	12,379	0.35	0.09
Child day care services .....	2,797	0.25	0.04	6,056	0.33	0.08	8,734	0.61	0.16
Leisure and hospitality .....	17,470	0.08	0.04	30,685	0.14	0.08	51,210	0.20	0.16
Arts, entertainment, and recreation .....	11,516	0.36	0.19	21,542	0.69	0.39	32,572	1.01	0.86
Performing arts and spectator sports .....	5,460	1.58	0.57	8,493	2.36	1.08	15,391	4.68	2.25
Museums, historical sites, zoos, and parks .....	933	0.48	0.15	1,770	0.73	0.21	2,900	1.10	0.32
Amusements, gambling, and recreation .....	10,362	0.27	0.07	19,699	0.49	0.12	27,477	0.68	0.21
Accommodations and food services .....	13,883	0.07	0.02	22,392	0.11	0.03	37,459	0.16	0.06
Accommodations .....	6,809	0.18	0.05	11,954	0.21	0.06	17,882	0.37	0.10
Food services and drinking places .....	13,156	0.08	0.02	19,409	0.12	0.03	33,052	0.17	0.07
Other services .....	14,852	0.18	0.07	33,612	0.28	0.09	56,942	0.50	0.20
Repair and maintenance .....	4,653	0.19	0.07	6,473	0.29	0.11	10,145	0.47	0.23
Personal and laundry services .....	3,832	0.24	0.07	6,035	0.35	0.09	11,068	0.60	0.20
Membership associations and organizations .....	13,636	0.30	0.11	31,718	0.48	0.16	54,351	0.89	0.38

<sup>1</sup> Estimates of variance are not available for government sectors due to lack of historical probability-based estimates.

<sup>2</sup> Hours and earnings estimates are not published.

<sup>3</sup> Estimates are not available as a result of confidentiality standards.

# Region, State, and Area Labor Force Data ("C" tables)

## FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMAs), 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 337 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 LMAs, counties, and cities with a population of 25,000 or more. Regional aggregations are derived by summing the State estimates. 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 pro-

cedure (called the Denton method) which adjusts the annual average of the models to equal the CPS annual average, while preserving, as much as possible, the original monthly seasonal pattern of the model estimates.

### **Estimates for substate areas**

Monthly labor force, employment, and unemployment estimates for two large substate 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 LMAs, 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.

**Substate adjustment for additivity.** Estimates of employment and unemployment are prepared for the State and all LMAs within the State. The LMA estimates geographically exhaust the entire State. Thus, a proportional adjustment is applied to all substate 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 LMAs 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, substate 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 nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, 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

Beginning in January 2003, BLS started using the X-12-ARIMA (Auto-Regressive Integrated Moving Average) seasonal adjustment program to seasonally adjust national labor force data. This program replaced the X-11 ARIMA program which had been used since January 1980. For a detailed description of the X-12-ARIMA program and its features, see D.F. Findley, B.C. Monsell, W.R. Bell, M.C. Otto, and B.C. Chen, "New Capabilities and Methods of the X-12-ARIMA Seasonal Adjustment Program," *Journal of Business and Economic Statistics*, April 1998, Vol. 16, No. 2, pp. 127-152. See "Revision of Seasonally Adjusted Labor Force Series in 2003," in the February 2003 issue of this publication for a discussion of the introduction of the use of X-12 ARIMA for seasonal adjustment of the labor force data and the effects that it had on the data.

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 were carried back only to 1994 through 1998, when the standard 5-year revision period was reinstated.

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 major labor force components—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 four 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 and February issue in 2003), *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.

## National establishment data

BLS also uses the X-12 ARIMA seasonal adjustment program to seasonally adjust national establishment-based employment, hours, and earnings series derived from the Current Employment Statistics (CES) program. (Use of X-12 ARIMA to seasonally adjust the CES data began in June 1996, with the release of the March 1995 benchmark revisions.) Individual series are seasonally adjusted using either a multiplicative or an additive model. For employment, seasonal adjustment factors are directly applied to the component levels. Individual 3-digit NAICS levels are seasonally adjusted, and higher-level aggregates are formed by the summation of these components. Seasonally adjusted totals for hours and earnings are obtained by taking weighted averages of the seasonally adjusted data for the component series.

Revised seasonally adjusted national establishment-based series based on the experience through May 2003 and a detailed description of the current seasonal adjustment procedure appear in the June 2003 issue of *Employment and Earnings*.

**Concurrent seasonal adjustment.** Beginning in June 2003 with the May 2003 first preliminary estimates, BLS began computing seasonal factors concurrently with the monthly estimate production. Previously, the factors were forecasted twice a year. Concurrent seasonal adjustment is expected to provide a more accurate seasonal adjustment, and smaller revisions from the first preliminary estimates to the final benchmarked estimates, than the semiannual updates. As a result of the adoption of concurrent seasonal adjustment, the CES program has discontinued the publication of projected seasonal factors.

**Additive and multiplicative models.** Prior to the March 2002 benchmark release in June 2003, all CES series were adjusted using multiplicative seasonal adjustment models. Although the X-12 ARIMA seasonal adjustment program provides for either an additive or a multiplicative adjustment depending on which model best fits the individual series, the previous CES processing system was unable to utilize additive seasonal adjustments. A new processing system, introduced simultaneously with the conversion to NAICS in June 2003, is able to utilize both additive and multiplicative adjustments. The article, "Revisions to the Current Employment Statistics National Estimates Effective May 2003," published in the June 2003 issue of this publication contains a list of which series are adjusted with additive seasonal adjustment models and which series are adjusted with multiplicative models. The article also lists which series are subject to the calendar-effects modeling described below.

**Variable survey intervals.** Beginning with the release of the 1995 benchmark, BLS refined the seasonal adjustment procedures to control for survey interval variations, sometimes referred to as the 4- versus 5-week effect. Although the CES survey is referenced to a consistent concept—the pay period including the 12th of each month—inconsistencies arise because there are sometimes 4 and sometimes 5 weeks between the week including the 12th in a given pair of months. In highly seasonal industries, these variations 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.

Standard seasonal adjustment methodology relies heavily on the experience of the most recent 3 years to determine the expected seasonal change in employment for each month of the current year. Prior to the implementation of the adjustment, the procedure did not distinguish between 4- and 5-week survey intervals and the accuracy of the seasonal expectation depended in large measure on how well the current year's

survey interval corresponded with those from the previous 3 years. All else being the same, the greatest potential for distortion occurred when the current month being estimated had a 5-week interval but the 3 years preceding it were all 4-week intervals, or conversely, when the current month had a 4-week interval but the 3 years preceding it were all 5-week intervals.

BLS uses REGARIMA (regression with autocorrelated errors) modeling to identify the estimated size and significance of the calendar effect for each published series. REGARIMA combines standard regression analysis, which measures correlation among two or more variables, with ARIMA modeling, which describes and predicts the behavior of data series based on its own past history. For many economic time series, including nonfarm payroll employment, observations are autocorrelated over time. That is, each month's value is significantly dependent on the observations that precede it; these series, thus, usually can be successfully fit using ARIMA models. If autocorrelated time series are modeled through regression analysis alone, the measured relationships among other variables of interest may be distorted due to the influence of the autocorrelation. Thus, the REGARIMA technique is appropriate to measuring relationships among variables of interest in series that exhibit autocorrelation, such as nonfarm payroll employment.

In this application, the correlations of interest are those between employment levels in individual calendar months and the lengths of the survey intervals for those months. The REGARIMA models evaluate the variation in employment levels attributable to 11 separate survey interval variables, one specified for each month, except March. March is excluded because there is almost always 4 weeks between the February and March surveys. Models for individual basic series are fitted with the most recent 10 years of data available, the standard time span used for CES seasonal adjustment.

The REGARIMA procedure yields regression coefficients for each of the 11 months specified in the model. These coefficients provide estimates of the strength of the relationship between employment levels and the number of weeks between surveys for the 11 modeled months. The X-12 ARIMA software also produces diagnostic statistics that permit the assessment of the statistical significance of the regression coefficients, and all series are reviewed for model adequacy.

Because the 11 coefficients derived from the REGARIMA models provide an estimate of the magnitude of variation in employment levels associated with the length of the survey interval, these coefficients are used to adjust the CES data to remove the calendar effect. These "filtered" series then are seasonally adjusted using the standard X-12 ARIMA software previously used.

For a few series, REGARIMA models did not fit well; these series are seasonally adjusted with the X-12 software but without the interval-effect adjustment. For all employees,

the series are transportation equipment, transit and ground passenger transportation, social assistance, and membership associations and organizations. The series for women workers, production or nonsupervisory workers, average weekly hours, average weekly overtime hours, and average hourly earnings also are adjusted with X-12 ARIMA including interval-effect modeling. As with the all-employee data, there are a few series which could not successfully be fitted to ARIMA/REGARIMA models and these do not include the interval-effect adjustment. These series are transportation equipment for women workers; wholesale trade, retail trade, transportation and warehousing, information, financial activities, professional and business services, education and health services, leisure and hospitality, and other services for average weekly hours; and wholesale trade, financial activities, professional and business services, and other services for average hourly earnings. All production or nonsupervisory worker and average overtime hours series have been successfully fitted to the models and include the interval-effect adjustment.

**Construction series.** Beginning with the 1996 benchmark revision, BLS instituted a special treatment in seasonally adjusting the construction industry series. In the application of the interval-effect modeling process to the construction series, there initially was difficulty in accurately identifying and measuring the effect because of the strong influence of variable weather patterns on employment movements in the industry. Further research allowed BLS to incorporate interval-effect modeling for the construction industry by disaggregating the construction series into its finer industry and geographic estimating cells and tightening outlier designation parameters. This allowed a more precise identification of weather-related outliers that had masked the interval effect and clouded the seasonal adjustment patterns in general. With these outliers removed, interval-effect modeling became feasible. The result is a seasonally adjusted series for construction that is improved because it is controlled for two potential distortions, unusual weather events and the 4- versus 5-week effect.

**Floating holidays.** BLS makes special adjustments for average weekly hours and average weekly overtime series to account for the presence or absence of religious holidays in the April survey reference period and the occurrence of Labor Day in the September reference period back to 1939, or when the series begins.

**Local government series.** A special adjustment also is made in November each year for poll workers in the local government, excluding education series; this adjustment is incorporated as part of the X-12 modeling process from 1988 forward. An X-11 ARIMA-based procedure is used for earlier years.

#### ***Refinements in hours and earnings seasonal adjustment.***

With the release of the 1997 benchmark, BLS implemented refinements to the seasonal adjustment process for the hours and earnings series to correct for distortions related to the method of accounting for the varying length of payroll periods across months. There is a significant correlation between over-the-month changes in both the average weekly hour (AWH) and the average hourly earnings (AHE) series and the number of weekdays in a month, resulting in noneconomic fluctuations in these two series. Both AWH and AHE show more growth in “short” months (20 or 21 weekdays) than in “long” months (22 or 23 weekdays). Much of the previously unexplained volatility in these series is attributable to this calendar effect. The effect is stronger for the AWH than for the AHE series.

The calendar effect is traceable to response and processing errors associated with converting payroll and hours information from sample respondents with semimonthly or monthly pay periods to a weekly equivalent. The response error comes from sample respondents reporting a fixed number of total hours for workers regardless of the length of the reference month, while the CES conversion process assumes that the hours reporting will be variable. A constant level of hours reporting most likely occurs when employees are salaried rather than paid by the hour, as employers are less likely to keep actual detailed hours records for such employees. This causes artificial peaks in the AWH series in shorter months that are reversed in longer months.

The processing error occurs when respondents with salaried workers report hours correctly (vary them according to the length of the month), which dictates that different conversion factors be applied to payroll and hours. The CES processing system uses the hours conversion factor for both fields, resulting in peaks in the AHE series in short months and reversals in long months. Currently, the CES processing system can accommodate only one conversion factor per reporter.

REGARIMA modeling is used to identify, measure, and remove the length-of-pay-period effect for seasonally adjusted average weekly hours and average hourly earnings series. The length-of-pay-period variable proves significant for explaining AWH movements in all the service-providing industries, except retail trade; these series have been adjusted from January 1990 forward. For AHE, the length-of-pay-period variable is significant for wholesale trade, financial activities, professional and business services, and other services; these series have been adjusted from January 1990 forward, as well. For this reason, calculations of over-the-year change in the establishment hours and earnings series should use seasonally adjusted data.

The series to which the length-of-pay-period adjustment is applied are not subject to the 4- versus 5-week adjustment, because the modeling cannot support the number of variables

that would be required in the regression equation to make both adjustments. Because the 4- versus 5-week model shows only marginal significance in the service-providing industries, its replacement with the length-of-pay-period adjustment in those industries, with the exception of retail trade, is a viable trade-off. The 4- versus 5-week adjustment is most significant in manufacturing hours and earnings series; it will continue to be applied there and in other divisions not affected by the length-of-pay-period variable.

#### **State establishment data**

Seasonally adjusted nonfarm payroll employment data by selected industry supersectors for all States and the District of Columbia are presented in table B-7 of this publication. As with the national establishment data, the State establishment data are seasonally adjusted with the X-12 ARIMA seasonal adjustment program. Seasonal adjustment factors are applied directly to the employment estimates at the supersector level and then aggregated to the State totals for most States. For a few States that do not have many publishable seasonally adjusted supersectors, however, total

nonfarm data are seasonally adjusted directly at the aggregate level. The recomputation of seasonal factors and historical revisions are made coincident with the annual benchmark adjustments.

#### **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). Beginning in 1998, regional aggregations are derived by summing the State estimates. 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.

# Issues

in Labor Statistics



U.S. Department of Labor  
Bureau of Labor Statistics

## Free from BLS, to keep you informed

The Bureau's series of issues papers provides you with succinct, up-to-the-minute background data in a readily digestible form. They're convenient, current, easy to read, and available free from BLS. To be added to the **Issues in Labor Statistics** mailing list (No. J336), write to: *Bureau of Labor Statistics, Office of Publications and Special Studies, Room 2850, 2 Massachusetts Ave., NE., Washington, DC 20212-0001*, or fax the coupon below to (202) 691-7890.

*Issues in Labor Statistics* also are available in PDF format on the BLS Web site: <http://www.bls.gov/opub/ils/opbilsh.htm>

### Here are some recent *Issues*.

#### 2002

- Twenty-first century moonlighters
- Declining teen labor force participation
- Consumer Spending Patterns Differ by Region
- Housing expenditures
- Certification Can Count: The Case of Aircraft Mechanics

#### 2001

- New and emerging occupations
- Who was affected as the economy started to slow?
- Characteristics and spending patterns of consumer units in the lowest 10 percent of the expenditure distribution

#### 2000

- Unemployed Job Leavers: A Meaningful Gauge of Confidence in the Job Market?
- Spending Patterns By Age
- When one job is not enough
- A comparison of the characteristics and spending patterns of Food Stamp recipients and nonrecipients
- Labor Supply in a Tight Labor Market
- Are Managers and Professionals Really Working More?

#### 1999

- Occupational Stress
- Expenditures on Public Transportation
- Consumer Spending on Traveling for Pleasure
- What the Nation Spends on Health Care: A Regional Comparison
- What Women Earned in 1998
- Computer Ownership Up Sharply in the 1990s
- The Southeast is Maintaining Its Share of Textile Plant Employment
- Auto Dealers are Fewer, Bigger, and Employ More Workers

#### 1998

- Labor-Market Outcomes for City Dwellers and Suburbanites
- Spending Patterns of High-income Households
- New Occupations Emerging Across Industry Lines

---

Yes, please add my name to mailing list J336, **Issues in Labor Statistics**.

Name

Organization

Street

City  State  Zip

# 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 .....					46-47
Aggregate weekly hours (index) .....	B-9				
Agricultural industries .....	A- 7	A- 21-23, 30, 36	D-1, 5, 9	D-12-15	A-1-2; 1-2, 5-6, 12-13, 15, 17-18, 26, 32
At work .....	A-7	A-18, 23-27	D-5		19-23
Class of worker .....	A-7	A-22, 25, 30	D-5	D-14-15	12-13, 15-16
Diffusion index .....	B-6				
Discouraged workers .....		A-37			35
Earnings, hourly .....	B-11	B-2, 15-18			B-2, 15-17; 52; 2
Earnings, weekly .....	B-11	B-2, 15, 17-18		D-20-22	B-2, 15, 17; 37-39, 52; 2
Educational attainment .....	A-5	A-16, 17	D-3		7
Employment by:					
Age .....	A-3-4, 6, 8	A-13-16, 18, 19, 22	D-1-2, 4, 6	D-12-13, 16	3-6, 8-9, 14-15
Hispanic or Latino ethnicity .....	A-4	A-14-18, 20	D-2	D-12-16	4-7, 11-13, 18
Industry .....	B-3-5, 7	A-21; B-12-14			B-1, 12-13; 16-18; 50; 1
Occupation .....		A-19-21	D-5	D-14-15	9-13, 17
Race .....	A-4	A-13, 15-18, 20	D-2	D-12, 14, 16	3, 5, 7-8, 10-12, 14, 17-18
Sex .....	A-2-4, 6, 8; B-4	A-13-20, 22; B-13	D-1-2, 4-6	D-12-16	B-13; 2-18
Full-time workers .....	A-6	A-18, 34	D-4	D-14-15	8, 12-13, 30
Historical data .....					A-1-2; B-1-2; 1-2
Hours of work .....	B-8-10	A-18, 23-27; B-2, 15, 18			B-15; 19-23, 52; 2
Jobsearch methods .....					33-34
Marital status .....	A-8-10	A-26, 28, 35	D-5, 9		24, 31
Minimum-wage workers .....					44-45
Multiple jobholders .....		A-38			36
Nonagricultural industries .....	A- 7	A-22-26	D-1, 5		A-1-2; 1-2, 5-6, 12-13, 15
Not in the labor force .....		A-37			35
Part-time workers .....	A-6	A-18	D-4	D-14-15	8, 12-13
Production or nonsupervisory workers .....	B-5, 8-9, 11	B-12, 15-18			B-12, 15-17; 51-52
School enrollment .....		A-16			
State, region, and area data .....	B-7; C-1-2	B-14, 18; C-3			1-5
Unemployment by:					
Age .....	A-3-4, 6, 9-10	A-13-16, 18, 28, 31, 33, 35	D-1-2, 7-8	D-12-13, 17	3-6, 8, 24, 27, 29, 33
Duration .....	A-12	A-33-36	D-11	D-19	29-32
Hispanic or Latino ethnicity .....	A-4	A-14-18, 28, 32, 35	D-2	D-12-13, 17-19	4-7, 28
Industry of last job .....		A-30, 36	D-9		26, 32
Occupation of last job .....		A-29, 36	D-9		25, 32
Race .....	A-4	A-13, 15-18, 28, 32, 35	D-2	D-12, 17-21	3, 5, 7-8, 24, 28, 31, 33
Reason .....	A-11	A-31-35	D-10	D-18	27-29
Sex .....	A-2-4, 6, 9-10	A-13-18, 28-31, 33, 35	D-1-2, 7-8	D-12-13, 17	2-8, 24, 25-27, 29, 31, 33-35
Union affiliation .....					40-43

**Cooperating State Agencies**  
**Current Employment Statistics (CES) and State and Local Area Unemployment Statistics (LAUS) Programs**

ALABAMA	Department of Industrial Relations, Room 427, Industrial Relations Bldg., Montgomery 36130	NEVADA	Employment Security Department, Research and Analysis Bureau, 500 East 3 <sup>rd</sup> St., Carson City 89713
ALASKA	Department of Labor, Research and Analysis Section, P.O. Box 21149, Juneau 99802-5501	NEW HAMPSHIRE	Department of Employment Security, Economic and Labor Market Information Bureau, 32 South Main St., Concord 03301
ARIZONA	Department of Economic Security, 1789 West Jefferson St., Phoenix 85007	NEW JERSEY	Department of Labor, Labor Market and Demographic Research, P.O. Box 388, Trenton 08625
ARKANSAS	Employment Security Department, Labor Market Information, P.O. Box 2981, Little Rock 72203-2981	NEW MEXICO	Department of Labor, Economic Research and Analysis Bureau, P.O. Box 1928, Albuquerque 87103
CALIFORNIA	Employment Development Department, Labor Market Information Division, 7000 Franklin Blvd., Suite 1100, Sacramento 95823	NEW YORK	Department of Labor, Division of Research and Statistics, State Campus, Room 400, Bldg. 12, Albany 12240-0020
COLORADO	Department of Labor and Employment, Tower 2, Suite 300, 1515 Arapahoe Ave., Denver 80202-2117	NORTH CAROLINA	Employment Security Commission, Labor Market Information Division, P.O. Box 25903, Raleigh 27611
CONNECTICUT	Department of Labor, Office of Research, 200 Folly Brook Blvd., Wethersfield 06109	NORTH DAKOTA	Job Service, P.O. Box 5507, Bismark 58502
DELAWARE	Department of Labor, Office of Occupational and Labor Market Information, P.O. Box 9965, Wilmington 19809	OHIO	Bureau of Employment Services, Labor Market Information Division, 78-80 Chestnut St., Columbus 43215
DISTRICT OF COLUMBIA	Department of Employment Services, Office of Policy, Legislative and Statistical Analysis, Room 3304, 77 P Street, NE., Washington, DC 20002	OKLAHOMA	Employment Security Commission, Economic Research and Analysis Division, 2401 North Lincoln Blvd., Oklahoma City 73105
FLORIDA	Agency for Workforce Innovation, Labor Market Statistics, 367 Marpan Lane, Bldg. B, Tallahassee 32305-0902	OREGON	Employment Department, 875 Union St., NE., Salem 97311
GEORGIA	Department of Labor, Workforce Information and Analysis, 148 International Blvd., NE., CWC 300, Atlanta 30303-1751	PENNSYLVANIA	Department of Labor and Industry, Center for Workforce Information and Analysis, Labor and Industry Bldg., Room 220, Seventh and Forster Sts., Harrisburg 17121-0001
HAWAII	Department of Labor and Industrial Relations, Research and Statistics Office, Room 304, 830 Punchbowl St., Honolulu 96813	PUERTO RICO	Department of Labor and Human Resources, Bureau of Labor Statistics, 17 <sup>th</sup> Floor, 505 Munoz Rivera Ave., San Juan 00918
IDAHO	Department of Labor, 317 West Main St., Boise 83735	RHODE ISLAND	Department of Labor and Training, Labor Market Information, 1511 Pontiac Avenue, Cranston 02920
ILLINOIS	Department of Employment Security, Economic Information and Analysis Division, (7 North), 401 South State St., Chicago 60605	SOUTH CAROLINA	Employment Security Division, Labor Market Information, P.O. Box 995, Columbia 29202
INDIANA	Department of Workforce Development, Labor Market Information, 10 North Senate Ave., Indianapolis 46204	SOUTH DAKOTA	Department of Labor, Labor Market Information Center, P.O. Box 4730, Aberdeen 57402-4730
IOWA	Workforce Development, 1000 East Grand Ave., Des Moines 50319	TENNESSEE	Department of Labor and Workforce Development, Research and Statistics Division, 500 James Robertson Parkway, 11 <sup>th</sup> Floor, Nashville 37245-1000
KANSAS	Department of Human Resources, Labor Market Information Services, 401 SW Topeka Ave., Topeka 66603	TEXAS	Workforce Commission, Economic Research and Analysis, 9001 North IH-35, Suite 103A, Austin 78753
KENTUCKY	Workforce Development Cabinet, Department for Employment Services, Research and Statistics Branch, 275 East Main Street 2W, Frankfort 40601	UTAH	Department of Workforce Services, Workforce Information, 140 East 300 South, P.O. Box 45249, Salt Lake City 84114
LOUISIANA	Department of Labor, Research and Statistics Division, P.O. Box 94094, Baton Rouge 70804-9094	VERMONT	Department of Employment and Training, Labor Market Information, P.O. Box 488, Montpelier 05601
MAINE	Department of Labor, Division of Labor Market Information Services, 20 Union St., Augusta 04330	VIRGINIA	Employment Commission, Economic Information Services Division, P.O. Box 1358, Richmond 23218-1358
MARYLAND	Department of Labor, Licensing, and Regulations, Office of Labor Market Analysis and Information, Room 316, 1100 North Eutaw St., Baltimore 21201	VIRGIN ISLANDS	Department of Labor, Bureau of Labor Statistics, 53-A, 54-A&B Kronprindsens Gade, Charlotte Amalie, St. Thomas 00801-3359 (CES)
MASSACHUSETTS	Division of Employment and Training, Charles F. Hurley Bldg., 19 Staniford St., Boston 02114	WASHINGTON	Employment Security Department, Labor Market and Economic Analysis Branch, P.O. Box 9046, Olympia 98507-9046
MICHIGAN	Department of Career Development, Employment Service Agency, Office of Labor Market Information, Cadillac Place, 3032 West Grand Blvd., 9 <sup>th</sup> Floor, Detroit, 48202	WEST VIRGINIA	Bureau of Employment Programs Research, Information Analysis, 112 California Ave., Charleston 25305
MINNESOTA	Department of Economic Security, Research and Statistical Services, 5 <sup>th</sup> Floor, 390 North Robert St., St. Paul 55101	WISCONSIN	Department of Workforce Development, Bureau of Workforce Information, 201 East Washington Ave., Madison 53707
MISSISSIPPI	Employment Security Commission, Labor Market Information Department, P.O. Box 1699, Jackson 39215-1699	WYOMING	Employment Resources Division, Research and Planning, P.O. Box 2760, Casper 82602
MISSOURI	Department of Economic Development, Economic Research and Information Center, P.O. Box 3150, Jefferson City 65102-3150		
MONTANA	Department of Labor and Industry, Research and Analysis, P.O. Box 1728, Helena 59624		
NEBRASKA	Department of Labor, Labor Market Information, P.O. Box 94600, Lincoln 68509-4600		

U.S. DEPARTMENT OF LABOR  
Bureau of Labor Statistics  
Postal Square Building, Rm. 2850  
2 Massachusetts Ave., NE  
Washington, DC 20212-0001

---

Official Business  
Penalty for Private Use, \$300  
Address Service Requested

PERIODICALS  
Postage and Fees Paid  
U.S. Department of Labor  
(USPS 485-010)