



August 2003





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/lau/>

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.

August 2003

Vol. 50 No. 8

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

Contents

	<i>Page</i>
List of statistical tables	ii
Contents to the explanatory notes and estimates of error	iv
Employment and unemployment developments, July 2003	1
Summary tables and charts	3
Explanatory notes and estimates of error	164
Index to statistical tables	212

Statistical tables

Source	Historical	Seasonally adjusted	Not seasonally adjusted
Household data	5	7	17
Establishment data:			
Employment:			
National	48	53	73
State		60	94
Area			94
Hours and earnings:			
National	49	69	118
State and area			148
Local area labor force data:			
Region		151	
State		153	158
Area			158

Monthly Household Data

Page

Historical

A-1. Employment status of the civilian noninstitutional population 16 years and over, 1969 to date	5
A-2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1991 to date	6

Seasonally Adjusted Data

Employment Status

A-3. Employment status of the civilian noninstitutional population by sex and age	7
A-4. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic or Latino ethnicity	8
A-5. Employment status of the civilian noninstitutional population 25 years and over by educational attainment	10
A-6. Employed and unemployed full- and part-time workers by sex and age	11

Characteristics of the Employed

A-7. Employed persons by class of worker and part-time status	12
A-8. Employed persons by age, sex, and marital status	13

Characteristics of the Unemployed

A-9. Unemployed persons by age, sex, and marital status	14
A-10. Unemployment rates by age, sex, and marital status	15
A-11. Unemployed persons by reason for unemployment	16
A-12. Unemployed persons by duration of unemployment	16

Not Seasonally Adjusted Data

Employment Status

A-13. Employment status of the civilian noninstitutional population by age, sex, and race	17
A-14. Employment status of the Hispanic or Latino population by age and sex	21
A-15. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic or Latino ethnicity	22
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	23
A-17. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, sex, race, and Hispanic or Latino ethnicity	25
A-18. Employed and unemployed full- and part-time workers by age, sex, race, and Hispanic or Latino ethnicity	26

Characteristics of the Employed

A-19. Employed persons by occupation, sex, and age	28
A-20. Employed persons by occupation, race, Hispanic or Latino ethnicity, and sex	29
A-21. Employed persons by industry and occupation	31
A-22. Employed persons in agriculture and related and in nonagricultural industries by age, sex, and class of worker	32
A-23. Persons at work in agriculture and related and in nonagricultural industries by hours of work	33
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	33
A-25. Persons at work in nonagricultural industries by class of worker and usual full- or part-time status	34
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	35
A-27. Persons at work by occupation, sex, and usual full- or part-time status	36

Characteristics of the Unemployed

A-28. Unemployed persons by marital status, race, Hispanic or Latino ethnicity, age, and sex	37
A-29. Unemployed persons by occupation and sex	38
A-30. Unemployed persons by industry and sex	39
A-31. Unemployed persons by reason for unemployment, sex, and age	41
A-32. Unemployed persons by reason for unemployment, race, and Hispanic or Latino ethnicity	42
A-33. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment	43
A-34. Unemployed total and full-time workers by duration of unemployment	43
A-35. Unemployed persons by age, sex, race, Hispanic or Latino ethnicity, marital status, and duration of unemployment	44
A-36. Unemployed persons by occupation, industry, and duration of unemployment	45

Persons Not in the Labor Force

A-37. Persons not in the labor force by desire and availability for work, age, and sex	46
--	----

Multiple Jobholders

A-38. Multiple jobholders by selected demographic and economic characteristics	47
--	----

Monthly Establishment Data

Page

Historical

B-1. Employees on nonfarm payrolls by major industry sector, 1952 to date	48
B-2. Average hours and earnings of production or nonsupervisory workers on private nonfarm payrolls by major industry sector, 1964 to date	49

Seasonally Adjusted Data

Employment

National

B-3. Employees on nonfarm payrolls by major industry sector and selected industry detail	53
B-4. Women employees on nonfarm payrolls by major industry sector and selected industry detail	57
B-5. Production or nonsupervisory workers on private nonfarm payrolls by major industry sector and selected industry detail	58
B-6. Diffusion indexes of employment change	59

States

B-7. Employees on nonfarm payrolls by State and major industry	60
--	----

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	69
B-9. Indexes of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls by major industry sector and selected industry detail	70
B-10. Hours of wage and salary workers on nonfarm payrolls by major industry	71
B-11. Average hourly and weekly earnings of production or nonsupervisory workers on private nonfarm payrolls by major industry sector and selected industry detail	72

Not Seasonally Adjusted Data

Employment

National

B-12. Employees on nonfarm payrolls by detailed industry	73
B-13. Women employees on nonfarm payrolls by major industry sector and selected industry detail	93

States and Areas

B-14. Employees on nonfarm payrolls in States and selected areas by major industry	94
--	----

Hours and Earnings

National

B-15. Average hours and earnings of production or nonsupervisory workers on private nonfarm payrolls by detailed industry	118
B-16. Average hourly earnings, excluding overtime, of production workers on manufacturing payrolls	146
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	147

States and Areas

B-18. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas	148
---	-----

Monthly Regional, State, and Area Labor Force Data

Seasonally Adjusted Data

C-1. Labor force status by census region and division	151
C-2. Labor force status by State	153

Not Seasonally Adjusted Data

C-3. Labor force status by State and metropolitan area	158
--	-----

Explanatory Notes and Estimates of Error

	<i>Page</i>		<i>Page</i>
Introduction	164	Establishment data—Continued	
Relationship between the household and establishment series	164	Benchmarks	187
Comparability of household data with other series	165	Monthly estimation	187
Comparability of payroll employment data with other series	165	Stratification	187
		Weighted link-relative technique	187
		Summary of methods table	188
		Weighted link and taper technique	188
		Business birth and death estimation	190
Household data	166	The sample	191
Collection and coverage	166	Design	191
Concepts and definitions	166	Frame and sample selection	191
Historical comparability	169	Frame maintenance and sample updates	192
Changes in concepts and methods	169	Coverage	193
Noncomparability of labor force levels	170	Employment benchmarks and sample coverage table	193
Changes in the occupational and industrial classification systems	173	Reliability	193
Sampling	173	Benchmark revision as a measure of survey error ..	193
Selection of sample areas	174	Revisions between preliminary and final data	193
Selection of sample households	175	Variance estimation	194
Rotation of sample	175	Appropriate uses of sampling variances	194
CPS sample, 1947 to present	175	Sampling errors	194
Estimating methods	175	Statistics for States and areas	195
Noninterview adjustment	176		
Ratio estimates	176	Region, State, and area labor force data	203
First stage	176	Federal-State cooperative program	203
Second stage	176	Estimating methods	203
Composite estimation procedure	177	Estimates for States	203
Rounding of estimates	177	Current monthly estimates	203
Reliability of the estimates	177	Benchmark correction procedures	203
Nonsampling error	177	Estimates for substate areas	204
Sampling error (Revised effective Oct. 2000)	178	Preliminary estimate:	
Tables 1-B through 1-H	178	Employment	204
		Unemployment	204
Establishment data	184	Substate adjustment for additivity	204
Data collection	184	Benchmark correction	204
Concepts	184		
Estimating methods	187	Seasonal adjustment	205

Employment and Unemployment Developments, July 2003

Both the unemployment rate and nonfarm payroll employment edged down in July. Payroll employment has declined for the past 6 months. Job losses continued in manufacturing, while temporary help and other administrative services added workers.

Unemployment

The unemployment rate was 6.2 percent in July; the number of unemployed persons was 9.1 million. Both measures edged down over the month, largely offsetting increases in June. Over the month, jobless rates for adult men (5.9 percent), teenagers (18.4 percent), and blacks (11.1 percent) edged down from levels reached in June. Jobless rates for adult women (5.2 percent), whites (5.5 percent), and Hispanics (8.2 percent) showed little or no change in July. The unemployment rate for Asians was 6.2 percent, not seasonally adjusted. (See tables A-3, A-4, and A-13.)

In July, the number of persons unemployed for less than 5 weeks decreased by 279,000. There were 2.0 million unemployed persons who had been looking for work for 27 weeks or longer, about the same level as in June. They represented 21.7 percent of the total unemployed. (See table A-12.)

Total employment and the labor force

The civilian labor force decreased by 556,000 in July to 146.5 million. This decline follows an increase of a similar magnitude in June. The labor force participation rate fell to 66.2 percent. This matches the recent low for the series, previously reached in March. In July, total employment was down slightly to 137.5 million, and the employment-population ratio declined to 62.1 percent. (See table A-3.)

Persons not in the labor force

In July, about 1.6 million persons (not seasonally adjusted) were marginally attached to the labor force, little changed from 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. Of the 1.6 million, 470,000 were discouraged workers who were not currently looking for work specifically because they believed no jobs were available for them. The other 1.1 million marginally attached had not searched for work for reasons such as child-care or transportation problems. (See table A-37.)

Industry payroll employment

Total nonfarm payroll employment in July was 129.9 million (-44,000 over the month). The number of jobs has declined by 486,000 since January. Over the month, manufacturing and transportation shed jobs, but these losses were partially offset by gains in administrative services, notably in temporary help. (See table B-3.)

Manufacturing employment fell by 71,000 in July. Employment in this sector has declined continuously since July 2000. Most manufacturing industries posted job losses over the month. Within durable goods manufacturing, the largest employment decline occurred in transportation equipment, where seasonal layoffs of auto workers were larger than usual. Employment also decreased in computer and electronic products (-11,000) and in fabricated metal products (-8,000). In nondurable goods manufacturing, 9,000 apparel and 7,000 textile mill jobs were lost over the month.

Transportation and warehousing employment fell by 16,000 in July. Job losses were concentrated in air transportation, where employment fell by 9,000. This industry has lost 136,000 jobs since its recent peak in March 2001.

Employment continued to decline in wholesale trade; job losses were widespread throughout the industry. Within retail trade, employment fell by 12,000 in food stores. Over the year, food stores have shed 60,000 jobs. Within the information sector, employment continued to trend down in telecommunications and in publishing. Both industries have been losing jobs for over 2 years. Employment in professional and technical services declined by 20,000, largely due to an employment loss of 12,000 in computer systems design and related services.

Employment in administrative and support services rose by 85,000 over the month. Within its component industries, employment in temporary help increased for the third consecutive month, adding 42,000 jobs in July. Employment in this industry has grown by 122,000 since April. Employment also rose in building and dwelling services (11,000) over the month.

Employment in the leisure and hospitality sector edged up in July (13,000). Most of this gain took place in accommodations, which added 11,000 jobs.

Financial activities continued to add jobs, but at a slower pace. For the past 2 months, job gains averaged about 7,000 per month, compared with 16,000 per month from August 2002 to May 2003. Employment growth also slowed over the

past 2 months in the construction sector. Employment in health care and social assistance was essentially unchanged over the month.

Government employment edged lower in July. This was the fifth consecutive decline; the number of government jobs has fallen by 115,000 over this period.

Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls decreased by 0.1 hour in July to 33.6 hours, seasonally adjusted. The manufacturing workweek was down by 0.2 hour to 40.1 hours, and manufacturing overtime was unchanged, at 4.0 hours. (See table B-8.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls fell by 0.4 percent in July to 98.3 (2002=100). The manufacturing index fell by 1.1 percent over the month to 93.9. (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 July to \$15.44, seasonally adjusted. Average weekly earnings were little changed over the month at \$518.78. Over the year, average hourly earnings grew by 3.1 percent and average weekly earnings increased by 2.5 percent. (See table B-11.)

Scheduled Release Dates			
Employment and unemployment data are scheduled for initial release on the following dates:			
<i>Reference month</i>	<i>Release date</i>	<i>Reference month</i>	<i>Release date</i>
August	September 5	November	December 5
September	October 3	December	January 9
October	November 7	January	February 6

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

(Numbers in thousands)

Category	2002						2003						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Labor force status													
Civilian noninstitutional population	217,630	217,866	218,107	218,340	218,548	218,741	219,897	220,114	220,317	220,540	220,768	221,014	221,252
Civilian labor force	144,786	145,123	145,634	145,393	145,180	145,150	145,838	145,857	145,793	146,473	146,485	147,096	146,540
Percent of population	66.5	66.6	66.8	66.6	66.4	66.4	66.3	66.3	66.2	66.4	66.4	66.6	66.2
Employed	136,343	136,757	137,312	136,988	136,542	136,439	137,536	137,408	137,348	137,687	137,487	137,738	137,478
Percent of population	62.6	62.8	63.0	62.7	62.5	62.4	62.5	62.4	62.3	62.4	62.3	62.3	62.1
Unemployed	8,443	8,366	8,321	8,405	8,637	8,711	8,302	8,450	8,445	8,786	8,998	9,358	9,062
Not in labor force	72,844	72,743	72,473	72,947	73,369	73,591	74,059	74,257	74,524	74,067	74,283	73,918	74,712
Unemployment rates													
All workers	5.8	5.8	5.7	5.8	5.9	6.0	5.7	5.8	5.8	6.0	6.1	6.4	6.2
Men, 20 years and over	5.3	5.3	5.3	5.4	5.6	5.6	5.4	5.3	5.3	5.6	5.9	6.1	5.9
Women, 20 years and over	5.1	5.0	5.0	5.2	5.0	5.2	4.7	5.0	5.0	5.1	5.1	5.2	5.2
Both sexes, 16 to 19 years	17.0	16.9	16.2	15.1	16.8	16.4	16.8	17.1	17.7	18.0	18.5	19.3	18.4
White	5.2	5.1	5.1	5.1	5.2	5.1	5.1	5.0	5.1	5.2	5.4	5.5	5.5
Black or African American	9.9	9.9	9.8	9.9	10.8	11.2	10.3	10.5	10.2	10.9	10.8	11.8	11.1
Hispanic or Latino ethnicity	7.5	7.6	7.5	7.8	7.8	7.9	7.8	7.7	7.5	7.5	8.2	8.4	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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Employment													
Total nonfarm	130,204	130,224	130,289	130,408	130,409	130,198	130,356	130,235	130,084	130,062	129,986	129,914	129,870
Goods-producing ¹	22,588	22,527	22,497	22,435	22,409	22,323	22,288	22,191	22,159	22,119	22,098	22,049	21,982
Construction	6,703	6,719	6,728	6,720	6,745	6,731	6,738	6,700	6,720	6,760	6,786	6,798	6,804
Manufacturing	15,309	15,233	15,196	15,143	15,091	15,020	14,982	14,922	14,874	14,795	14,746	14,683	14,612
Service-providing ¹	107,616	107,697	107,792	107,973	108,000	107,875	108,068	108,044	107,925	107,943	107,888	107,865	107,888
Retail trade	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	14,999.6	14,979.0	14,959.4	14,945.1
Transportation and warehousing	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	4,136.3	4,128.5	4,116.1	4,100.6
Information	3,410	3,401	3,383	3,392	3,382	3,353	3,328	3,308	3,305	3,303	3,294	3,287	3,279
Financial activities	7,830	7,830	7,851	7,872	7,880	7,889	7,902	7,916	7,930	7,956	7,971	7,977	7,984
Professional and business services	15,973	16,008	16,008	16,036	16,014	15,972	16,015	16,043	15,980	15,989	16,002	16,008	16,081
Education and health services	16,194	16,241	16,273	16,315	16,357	16,373	16,405	16,430	16,452	16,483	16,509	16,504	16,503
Leisure and hospitality	11,918	11,940	11,975	12,032	12,069	12,019	12,132	12,084	12,050	12,043	12,026	12,047	12,060
Government	21,448	21,479	21,526	21,544	21,540	21,556	21,576	21,588	21,547	21,526	21,484	21,483	21,473
Over-the-month change													
Total nonfarm	-179	20	65	119	1	-211	158	-121	-151	-22	-76	-72	-44
Goods-producing ¹	-51	-61	-30	-62	-26	-86	-35	-97	-32	-40	-21	-49	-67
Construction	-22	16	9	-8	25	-14	7	-38	20	40	26	12	6
Manufacturing	-25	-76	-37	-53	-52	-71	-38	-60	-48	-79	-49	-63	-71
Service-providing ¹	-128	81	95	181	27	-125	193	-24	-119	18	-55	-23	23
Retail trade	-3.1	-28.6	-17.3	9.2	-11.2	-8.4	3.6	-21.9	7.4	4.9	-20.6	-19.6	-14.3
Transportation and warehousing	-5.4	-8.6	-12.0	6.2	-5.7	-18.2	3.9	-7.9	-12.9	-17.5	-7.8	-12.4	-15.5
Information	-14	-9	-18	9	-10	-29	-25	-20	-3	-2	-9	-7	-8
Financial activities	0	0	21	21	8	9	13	14	14	26	15	6	7
Professional and business services	-53	35	0	28	-22	-42	43	28	-63	9	13	-6	73
Education and health services	11	47	32	42	42	16	32	25	22	31	26	-5	-1
Leisure and hospitality	14	22	35	57	37	-50	113	-48	-34	-7	-17	21	13
Government	-44	31	47	18	-4	16	20	12	-41	-21	-42	-1	-10
Hours of work²													
Total private	33.8	33.9	33.9	33.8	33.8	33.8	33.8	33.7	33.8	33.7	33.7	33.7	33.6
Manufacturing	40.4	40.5	40.5	40.3	40.4	40.5	40.4	40.4	40.4	40.1	40.2	40.3	40.1
Overtime	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.3	4.1	4.0	4.1	4.0	4.0
Indexes of aggregate weekly hours (2002=100)²													
Total private	99.7	99.9	99.9	99.7	99.6	99.4	99.4	99.0	99.0	98.8	98.7	98.7	98.3
Manufacturing	99.9	99.5	99.3	98.5	98.4	98.2	97.6	97.2	96.6	95.2	95.1	94.9	93.9
Earnings²													
Average hourly earnings, total private:													
Current dollars	\$14.97	\$15.02	\$15.05	\$15.10	\$15.14	\$15.20	\$15.22	\$15.29	\$15.29	\$15.30	\$15.35	\$15.39	\$15.44
Constant(1982) dollars ³	8.23	8.24	8.24	8.26	8.27	8.30	8.28	8.26	8.22	8.27	8.31	8.31	N.A.
Average weekly earnings, total private	505.99	509.18	510.20	510.38	511.73	513.76	514.44	515.27	516.80	515.61	517.30	518.64	518.78

¹ Includes other industries, not shown separately.

² Data relate to production or nonsupervisory workers.

³ The Consumer Price Index for Urban Wage Earners and Clerical Workers

(CPI-W) is used to deflate this earnings series.

N.A. = not available.

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from

March 2002 benchmark levels. When more recent benchmark data are

introduced with the release of May 2004 estimates, all seasonally adjusted data from January 1999 forward are subject to revision. The 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 with the SIC-based data.

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

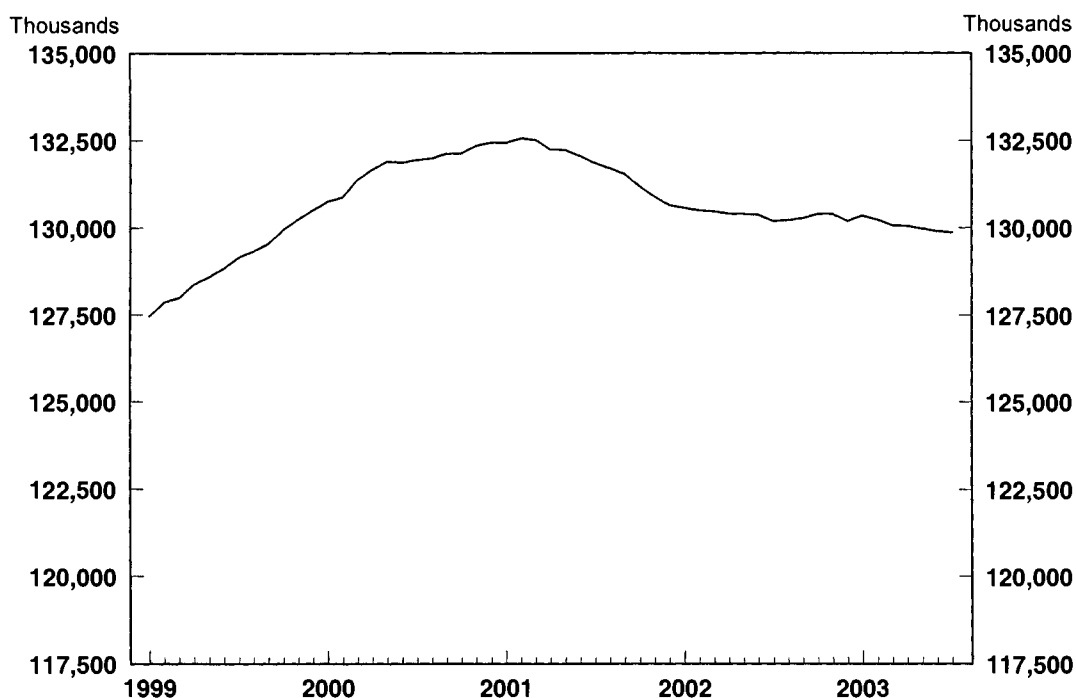
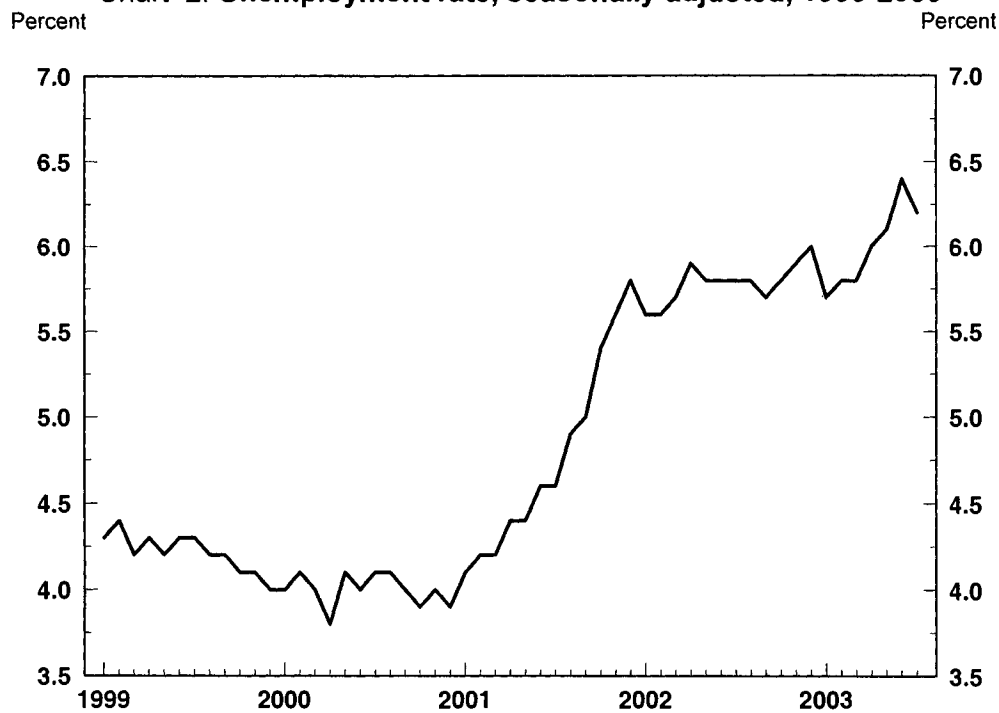


Chart 2. Unemployment rate, seasonally adjusted, 1999-2003



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.

**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 ¹	144,126	87,034	60.4	82,153	57.0	4,882	5.6	57,091
1973 ¹	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 ¹	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 ¹	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 ¹	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 ¹	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 ¹	203,133	136,297	67.1	129,558	63.8	6,739	4.9	66,836
1998 ¹	205,220	137,673	67.1	131,463	64.1	6,210	4.5	67,547
1999 ¹	207,753	139,368	67.1	133,488	64.3	5,880	4.2	68,385
2000 ¹	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 ²								
2002:								
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
2003:								
January ³	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
June	221,014	147,096	66.6	137,738	62.3	9,358	6.4	73,918
July	221,252	146,540	66.2	137,478	62.1	9,062	6.2	74,712

¹ 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.

² The population figures are not adjusted for seasonal variation.

³ 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 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								
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 ¹	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 ¹	97,715	73,261	75.0	69,685	71.3	3,577	4.9	24,454
1998 ¹	98,758	73,959	74.9	70,693	71.6	3,266	4.4	24,799
1999 ¹	99,722	74,512	74.7	71,446	71.6	3,066	4.1	25,210
2000 ¹	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 ²								
2002:								
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 ³	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
June	106,362	78,372	73.7	73,071	68.7	5,301	6.8	27,990
July	106,475	78,182	73.4	73,043	68.6	5,139	6.6	28,293
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 ¹	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 ¹	105,418	63,036	59.8	59,873	56.8	3,162	5.0	42,382
1998 ¹	106,462	63,714	59.8	60,771	57.1	2,944	4.6	42,748
1999 ¹	108,031	64,855	60.0	62,042	57.4	2,814	4.3	43,175
2000 ¹	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 ²								
2002:								
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 ³	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
June	114,653	68,724	59.9	64,667	56.4	4,057	5.9	45,928
July	114,778	68,359	59.6	64,435	56.1	3,923	5.7	46,419

¹ 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.

² The population figures are not adjusted for seasonal variation.

³ 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.

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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
TOTAL													
Civilian noninstitutional population ¹	217,630	217,866	218,107	218,340	218,548	218,741	219,897	220,114	220,317	220,540	220,768	221,014	221,252
Civilian labor force	144,786	145,123	145,634	145,393	145,180	145,150	145,838	145,857	145,793	146,473	146,485	147,096	146,540
Percent of population	66.5	66.6	66.8	66.6	66.4	66.4	66.3	66.3	66.2	66.4	66.4	66.6	66.2
Employed	136,343	136,757	137,312	136,988	136,542	136,439	137,536	137,408	137,348	137,687	137,487	137,738	137,478
Employment-population ratio	62.6	62.8	63.0	62.7	62.5	62.4	62.5	62.4	62.3	62.4	62.3	62.3	62.1
Unemployed	8,443	8,366	8,321	8,405	8,637	8,711	8,302	8,450	8,445	8,786	8,998	9,358	9,062
Unemployment rate	5.8	5.8	5.7	5.8	5.9	6.0	5.7	5.8	5.8	6.0	6.1	6.4	6.2
Not in labor force	72,844	72,743	72,473	72,947	73,369	73,591	74,059	74,257	74,524	74,067	74,283	73,918	74,712
Persons who currently want a job	4,900	4,628	4,702	4,542	4,727	4,546	4,676	4,462	5,020	4,417	4,744	4,668	4,921
Men, 16 years and over													
Civilian noninstitutional population ¹	104,616	104,738	104,863	104,985	105,094	105,195	105,767	105,895	106,005	106,123	106,238	106,362	106,475
Civilian labor force	77,542	77,677	78,013	77,727	77,618	77,492	77,693	77,927	77,738	78,122	78,088	78,372	78,182
Percent of population	74.1	74.2	74.4	74.0	73.9	73.7	73.5	73.6	73.3	73.6	73.5	73.7	73.4
Employed	72,931	73,023	73,402	73,151	72,773	72,690	72,994	73,249	73,064	73,182	72,981	73,071	73,043
Employment-population ratio	69.7	69.7	70.0	69.7	69.2	69.1	69.0	69.2	68.9	69.0	68.7	68.7	68.6
Unemployed	4,610	4,654	4,610	4,575	4,845	4,801	4,699	4,678	4,674	4,940	5,107	5,301	5,139
Unemployment rate	5.9	6.0	5.9	5.9	6.2	6.2	6.0	6.0	6.0	6.3	6.5	6.8	6.6
Not in labor force	27,074	27,062	26,851	27,258	27,476	27,703	28,074	27,968	28,268	28,001	28,150	27,990	28,293
Men, 20 years and over													
Civilian noninstitutional population ¹	96,468	96,552	96,732	96,860	97,022	97,139	97,635	97,762	97,869	97,979	98,083	98,196	98,304
Civilian labor force	73,670	73,802	74,108	73,883	73,770	73,744	73,993	74,254	74,236	74,571	74,506	74,692	74,581
Percent of population	76.4	76.4	76.6	76.3	76.0	75.9	75.8	76.0	75.9	76.1	76.0	76.1	75.9
Employed	69,792	69,895	70,213	69,921	69,617	69,600	69,967	70,293	70,293	70,364	70,144	70,130	70,193
Employment-population ratio	72.3	72.4	72.6	72.2	71.8	71.6	71.7	71.9	71.8	71.8	71.5	71.4	71.4
Unemployed	3,879	3,906	3,895	3,962	4,153	4,145	4,026	3,962	3,944	4,207	4,362	4,562	4,388
Unemployment rate	5.3	5.3	5.3	5.4	5.6	5.6	5.4	5.3	5.3	5.6	5.9	6.1	5.9
Not in labor force	22,797	22,750	22,623	22,977	23,252	23,394	23,642	23,508	23,632	23,408	23,577	23,504	23,724
Women, 16 years and over													
Civilian noninstitutional population ¹	113,014	113,127	113,243	113,355	113,455	113,546	114,130	114,219	114,312	114,417	114,531	114,653	114,778
Civilian labor force	67,244	67,446	67,621	67,667	67,562	67,658	68,144	67,930	68,055	68,351	68,397	68,724	68,359
Percent of population	59.5	59.6	59.7	59.7	59.5	59.6	59.7	59.5	59.5	59.7	59.7	59.9	59.6
Employed	63,412	63,734	63,910	63,837	63,769	63,749	64,542	64,159	64,284	64,505	64,506	64,667	64,435
Employment-population ratio	56.1	56.3	56.4	56.3	56.2	56.1	56.6	56.2	56.2	56.4	56.3	56.4	56.1
Unemployed	3,832	3,712	3,711	3,829	3,792	3,909	3,603	3,772	3,771	3,846	3,891	4,057	3,923
Unemployment rate	5.7	5.5	5.5	5.7	5.6	5.8	5.3	5.6	5.5	5.6	5.7	5.9	5.7
Not in labor force	45,770	45,681	45,622	45,689	45,893	45,888	45,985	46,289	46,257	46,066	46,134	45,928	46,419
Women, 20 years and over													
Civilian noninstitutional population ¹	105,190	105,334	105,421	105,509	105,594	105,678	106,235	106,322	106,411	106,510	106,613	106,724	106,839
Civilian labor force	63,534	63,760	63,858	63,975	63,921	64,036	64,479	64,310	64,477	64,677	64,733	65,148	64,819
Percent of population	60.4	60.5	60.6	60.6	60.5	60.6	60.7	60.5	60.6	60.7	60.7	61.0	60.7
Employed	60,262	60,581	60,675	60,668	60,697	60,676	61,443	61,073	61,227	61,401	61,436	61,753	61,462
Employment-population ratio	57.3	57.5	57.6	57.5	57.5	57.4	57.8	57.4	57.5	57.6	57.6	57.9	57.5
Unemployed	3,272	3,180	3,184	3,308	3,224	3,360	3,035	3,237	3,250	3,276	3,297	3,395	3,357
Unemployment rate	5.1	5.0	5.0	5.2	5.0	5.2	4.7	5.0	5.0	5.1	5.1	5.2	5.2
Not in labor force	41,656	41,574	41,563	41,533	41,673	41,642	41,757	42,013	41,933	41,834	41,880	41,576	42,020
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	15,972	15,980	15,954	15,971	15,933	15,925	16,027	16,030	16,038	16,051	16,072	16,095	16,109
Civilian labor force	7,581	7,561	7,667	7,535	7,489	7,369	7,366	7,293	7,079	7,226	7,246	7,256	7,140
Percent of population	47.5	47.3	48.1	47.2	47.0	46.3	46.0	45.5	44.1	45.0	45.1	45.1	44.3
Employed	6,289	6,280	6,425	6,400	6,228	6,164	6,125	6,042	5,829	5,923	5,907	5,855	5,823
Employment-population ratio	39.4	39.3	40.3	40.1	39.1	38.7	38.2	37.7	36.3	36.9	36.8	36.4	36.1
Unemployed	1,292	1,280	1,243	1,135	1,261	1,206	1,241	1,251	1,251	1,303	1,339	1,401	1,317
Unemployment rate	17.0	16.9	16.2	15.1	16.8	16.4	16.8	17.1	17.7	18.0	18.5	19.3	18.4
Not in labor force	8,391	8,419	8,287	8,436	8,444	8,555	8,661	8,736	8,959	8,825	8,826	8,839	8,969

¹ 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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
WHITE ¹													
Civilian noninstitutional population ² ...	179,816	179,979	180,146	180,306	180,450	180,580	180,460	180,599	180,728	180,873	181,021	181,184	181,341
Civilian labor force	120,272	120,449	120,502	120,479	120,345	120,093	120,084	120,166	120,200	120,575	120,420	120,881	120,623
Percent of population	66.9	66.9	66.9	66.8	66.7	66.5	66.5	66.5	66.5	66.7	66.5	66.7	66.5
Employed	114,008	114,250	114,373	114,294	114,128	113,910	113,995	114,135	114,089	114,286	113,882	114,203	114,044
Employment-population ratio	63.4	63.5	63.5	63.4	63.2	63.1	63.2	63.2	63.1	63.2	62.9	63.0	62.9
Unemployed	6,264	6,199	6,129	6,184	6,218	6,184	6,089	6,031	6,111	6,289	6,539	6,678	6,580
Unemployment rate	5.2	5.1	5.1	5.1	5.2	5.1	5.1	5.0	5.1	5.2	5.4	5.5	5.5
Not in labor force	59,545	59,530	59,644	59,828	60,104	60,487	60,376	60,432	60,528	60,298	60,601	60,303	60,717
Men, 20 years and over													
Civilian labor force	62,121	62,272	62,298	62,243	62,229	62,112	62,003	62,235	62,269	62,500	62,305	62,447	62,526
Percent of population	76.7	76.9	76.8	76.6	76.6	76.3	76.2	76.4	76.3	76.5	76.2	76.3	76.4
Employed	59,160	59,273	59,328	59,246	59,127	59,053	58,994	59,342	59,344	59,353	59,064	59,064	59,167
Employment-population ratio	73.1	73.1	73.1	73.0	72.7	72.6	72.5	72.8	72.7	72.7	72.3	72.2	72.3
Unemployed	2,962	2,999	2,970	2,997	3,102	3,059	3,009	2,893	2,925	3,147	3,241	3,384	3,359
Unemployment rate	4.8	4.8	4.8	4.8	5.0	4.9	4.9	4.6	4.7	5.0	5.2	5.4	5.4
Women, 20 years and over													
Civilian labor force	51,734	51,837	51,817	51,909	51,785	51,752	51,909	51,840	52,039	52,107	52,155	52,400	52,146
Percent of population	60.0	60.0	60.0	60.0	59.8	59.7	60.0	59.9	60.1	60.1	60.1	60.3	60.0
Employed	49,432	49,576	49,563	49,601	49,586	49,488	49,768	49,645	49,770	49,885	49,770	50,104	49,867
Employment-population ratio	57.3	57.4	57.3	57.3	57.3	57.1	57.5	57.3	57.4	57.5	57.3	57.7	57.4
Unemployed	2,302	2,261	2,255	2,308	2,199	2,264	2,141	2,194	2,269	2,223	2,385	2,297	2,279
Unemployment rate	4.4	4.4	4.4	4.4	4.2	4.4	4.1	4.2	4.4	4.3	4.6	4.4	4.4
Both sexes, 16 to 19 years													
Civilian labor force	6,416	6,340	6,387	6,328	6,332	6,230	6,172	6,091	5,892	5,968	5,961	6,034	5,952
Percent of population	51.0	50.4	50.7	50.2	50.3	49.4	49.4	48.8	47.2	47.7	47.6	48.2	47.5
Employed	5,416	5,401	5,482	5,448	5,415	5,369	5,232	5,147	4,976	5,049	5,048	5,036	5,010
Employment-population ratio	43.0	42.9	43.5	43.3	43.0	42.6	41.9	41.2	39.8	40.4	40.3	40.2	40.0
Unemployed	1,001	939	905	880	917	861	940	944	916	919	913	998	942
Unemployment rate	15.6	14.8	14.2	13.9	14.5	13.8	15.2	15.5	15.6	15.4	15.3	16.5	15.8
BLACK OR AFRICAN AMERICAN ¹													
Civilian noninstitutional population ² ...	25,591	25,633	25,675	25,717	25,751	25,784	25,484	25,519	25,552	25,587	25,624	25,664	25,702
Civilian labor force	16,390	16,541	16,789	16,682	16,540	16,706	16,374	16,395	16,296	16,521	16,618	16,717	16,540
Percent of population	64.0	64.5	65.4	64.9	64.2	64.8	64.3	64.2	63.8	64.6	64.9	65.1	64.4
Employed	14,763	14,907	15,148	15,027	14,754	14,827	14,684	14,669	14,641	14,723	14,819	14,746	14,697
Employment-population ratio	57.7	58.2	59.0	58.4	57.3	57.5	57.6	57.5	57.3	57.5	57.8	57.5	57.2
Unemployed	1,627	1,634	1,641	1,656	1,786	1,879	1,690	1,726	1,655	1,797	1,799	1,971	1,842
Unemployment rate	9.9	9.9	9.8	9.9	10.8	11.2	10.3	10.5	10.2	10.9	10.8	11.8	11.1
Not in labor force	9,201	9,092	8,886	9,034	9,211	9,078	9,110	9,124	9,256	9,066	9,007	8,947	9,162
Men, 20 years and over													
Civilian labor force	7,312	7,344	7,466	7,413	7,250	7,311	7,233	7,296	7,195	7,295	7,346	7,447	7,336
Percent of population	71.7	71.8	72.9	72.2	70.5	71.0	71.0	71.5	70.4	71.3	71.7	72.5	71.3
Employed	6,636	6,672	6,762	6,682	6,480	6,543	6,489	6,560	6,526	6,537	6,524	6,604	6,590
Employment-population ratio	65.0	65.3	66.0	65.1	63.0	63.6	63.7	64.3	63.8	63.9	63.6	64.3	64.1
Unemployed	676	671	704	731	770	768	744	736	669	758	821	843	746
Unemployment rate	9.2	9.1	9.4	9.9	10.6	10.5	10.3	10.1	9.3	10.4	11.2	11.3	10.2
Women, 20 years and over													
Civilian labor force	8,278	8,348	8,422	8,390	8,442	8,540	8,327	8,296	8,315	8,443	8,461	8,500	8,432
Percent of population	63.8	64.3	64.7	64.4	64.7	65.4	64.4	64.1	64.1	65.0	65.1	65.3	64.7
Employed	7,544	7,641	7,737	7,676	7,685	7,712	7,629	7,548	7,592	7,663	7,784	7,675	7,614
Employment-population ratio	58.2	58.8	59.5	58.9	58.9	59.0	59.0	58.3	58.6	59.0	59.9	59.0	58.4
Unemployed	734	707	685	715	757	827	698	748	723	780	677	826	819
Unemployment rate	8.9	8.5	8.1	8.5	9.0	9.7	8.4	9.0	8.7	9.2	8.0	9.7	9.7

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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
BLACK OR AFRICAN AMERICAN—Continued ¹													
Both sexes, 16 to 19 years													
Civilian labor force	800	849	901	879	849	855	813	803	786	782	811	770	771
Percent of population	33.1	35.1	37.2	36.3	35.0	35.2	34.4	33.9	33.2	33.0	34.1	32.3	32.3
Employed	583	593	649	669	590	571	566	560	524	523	511	467	493
Employment-population ratio	24.1	24.5	26.8	27.6	24.3	23.5	23.9	23.7	22.1	22.1	21.5	19.6	20.7
Unemployed	217	256	252	210	259	284	247	242	262	259	300	302	278
Unemployment rate	27.1	30.1	28.0	23.9	30.5	33.2	30.4	30.2	33.4	33.1	37.0	39.3	36.0
HISPANIC OR LATINO ETHNICITY													
Civilian noninstitutional population ² ...	26,008	26,096	26,184	26,272	26,355	26,436	26,994	27,095	27,191	27,291	27,391	27,494	27,597
Civilian labor force	18,045	18,030	18,103	18,049	18,169	18,134	18,614	18,658	18,614	18,836	18,811	18,856	18,750
Percent of population	69.4	69.1	69.1	68.7	68.9	68.6	69.0	68.9	68.5	69.0	68.7	68.6	67.9
Employed	16,685	16,664	16,739	16,637	16,755	16,708	17,155	17,223	17,215	17,428	17,264	17,271	17,206
Employment-population ratio	64.2	63.9	63.9	63.3	63.6	63.2	63.5	63.6	63.3	63.9	63.0	62.8	62.3
Unemployed	1,360	1,366	1,363	1,412	1,414	1,425	1,459	1,436	1,399	1,408	1,548	1,586	1,544
Unemployment rate	7.5	7.6	7.5	7.8	7.8	7.9	7.8	7.7	7.5	7.5	8.2	8.4	8.2
Not in labor force	7,963	8,066	8,082	8,223	8,186	8,303	8,380	8,436	8,577	8,455	8,580	8,638	8,847

¹ 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.

² 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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Less than a high school diploma													
Civilian labor force	12,449	12,392	12,381	12,461	12,541	12,607	12,542	12,638	12,896	12,710	12,703	12,498	12,537
Participation rate	44.5	44.6	44.6	44.9	44.9	44.6	43.7	44.9	45.1	44.4	44.7	44.8	45.5
Employed	11,377	11,335	11,404	11,375	11,417	11,470	11,471	11,522	11,802	11,664	11,536	11,286	11,446
Employment-population ratio	40.7	40.8	41.1	40.9	40.9	40.6	40.0	40.9	41.3	40.8	40.6	40.4	41.5
Unemployed	1,072	1,057	977	1,086	1,124	1,136	1,071	1,116	1,094	1,046	1,167	1,211	1,091
Unemployment rate	8.6	8.5	7.9	8.7	9.0	9.0	8.5	8.8	8.5	8.2	9.2	9.7	8.7
High school graduates, no college ¹													
Civilian labor force	37,864	37,949	38,198	37,966	37,967	37,797	37,856	37,816	37,632	37,950	37,823	37,977	37,847
Participation rate	64.9	64.2	64.3	64.0	63.5	63.6	63.5	63.7	63.5	64.1	63.9	64.1	64.0
Employed	35,921	35,987	36,286	36,090	35,963	35,775	35,923	35,779	35,569	35,774	35,729	35,778	35,786
Employment-population ratio	61.6	60.9	61.0	60.9	60.2	60.2	60.2	60.2	60.0	60.4	60.4	60.3	60.5
Unemployed	1,942	1,962	1,912	1,876	2,004	2,021	1,933	2,037	2,063	2,176	2,094	2,199	2,061
Unemployment rate	5.1	5.2	5.0	4.9	5.3	5.3	5.1	5.4	5.5	5.7	5.5	5.8	5.4
Some college or associate degree													
Civilian labor force	33,571	33,594	33,818	33,884	33,890	33,831	34,186	34,335	34,008	34,375	34,191	34,329	34,310
Participation rate	72.5	72.9	73.5	72.8	72.7	72.4	73.3	73.2	73.3	74.1	73.6	73.2	72.2
Employed	32,087	32,135	32,266	32,299	32,260	32,154	32,556	32,730	32,382	32,760	32,542	32,648	32,594
Employment-population ratio	69.3	69.7	70.1	69.4	69.2	68.8	69.8	69.8	69.8	70.6	70.1	69.6	68.6
Unemployed	1,485	1,459	1,552	1,585	1,630	1,677	1,630	1,605	1,626	1,615	1,649	1,681	1,717
Unemployment rate	4.4	4.3	4.6	4.7	4.8	5.0	4.8	4.7	4.8	4.7	4.8	4.9	5.0
Bachelor's degree and higher ²													
Civilian labor force	38,490	38,664	38,664	38,622	38,476	38,652	38,778	39,046	39,507	39,465	39,576	39,966	39,614
Participation rate	77.5	78.1	78.2	78.5	79.0	79.2	78.8	78.2	78.5	78.1	77.8	78.3	77.5
Employed	37,348	37,578	37,536	37,458	37,344	37,530	37,626	37,892	38,292	38,233	38,351	38,743	38,387
Employment-population ratio	75.2	75.9	75.9	76.1	76.6	76.9	76.4	75.9	76.1	75.6	75.4	75.9	75.1
Unemployed	1,142	1,086	1,128	1,165	1,132	1,121	1,152	1,154	1,215	1,232	1,224	1,224	1,226
Unemployment rate	3.0	2.8	2.9	3.0	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.1	3.1

¹ Includes high school diploma or equivalent.

² 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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
EMPLOYED													
Full-time workers	112,327	112,740	113,375	113,458	112,828	112,856	112,823	113,442	113,157	113,241	112,821	112,904	113,316
Men, 16 years and over	65,019	65,213	65,423	65,593	65,235	65,145	65,057	65,397	65,319	65,381	64,995	65,024	65,128
Men, 20 years and over	63,923	64,074	64,388	64,341	64,006	63,947	64,035	64,333	64,305	64,298	63,931	64,017	64,303
Women, 16 years and over	47,239	47,504	47,825	47,839	47,660	47,763	47,875	48,076	47,941	47,961	47,872	47,743	47,904
Women, 20 years and over	46,424	46,711	46,940	47,004	46,908	47,023	47,088	47,300	47,172	47,107	47,086	47,142	47,312
Both sexes, 16 to 19 years	1,981	1,954	2,047	2,113	1,914	1,886	1,700	1,809	1,679	1,836	1,805	1,745	1,701
Part-time workers	24,235	24,133	23,901	23,635	23,765	23,629	24,400	23,830	24,068	24,355	24,676	24,990	24,458
Men, 16 years and over	7,932	7,803	7,767	7,606	7,627	7,616	7,931	7,849	7,763	7,860	7,963	8,070	7,902
Men, 20 years and over	5,908	5,803	5,776	5,627	5,649	5,682	5,868	5,929	5,962	6,032	6,265	6,162	5,976
Women, 16 years and over	16,313	16,295	16,141	16,062	16,132	16,006	16,481	15,988	16,332	16,532	16,636	16,894	16,564
Women, 20 years and over	13,906	13,903	13,773	13,708	13,845	13,683	14,173	13,720	14,037	14,279	14,347	14,641	14,209
Both sexes, 16 to 19 years	4,420	4,427	4,352	4,300	4,272	4,265	4,359	4,181	4,069	4,044	4,064	4,188	4,272
UNEMPLOYED													
Looking for full-time work	7,073	6,986	6,990	7,099	7,317	7,348	6,940	7,075	7,068	7,419	7,523	7,799	7,655
Men, 16 years and over	3,896	3,997	4,078	4,056	4,289	4,267	4,129	4,133	4,102	4,424	4,495	4,506	4,439
Men, 20 years and over	3,604	3,641	3,691	3,708	3,906	3,885	3,732	3,706	3,625	3,930	4,034	4,197	4,137
Women, 16 years and over	3,073	2,964	2,923	3,061	3,039	3,114	2,836	2,979	2,961	3,091	3,028	3,201	3,100
Women, 20 years and over	2,805	2,679	2,685	2,816	2,761	2,804	2,583	2,725	2,723	2,801	2,703	2,873	2,838
Both sexes, 16 to 19 years	665	665	614	576	650	659	625	643	720	687	786	730	680
Looking for part-time work	1,376	1,389	1,336	1,305	1,281	1,331	1,380	1,396	1,392	1,378	1,465	1,573	1,417
Men, 16 years and over	662	619	579	542	543	538	579	590	584	629	573	690	631
Men, 20 years and over	285	264	248	254	216	257	292	270	316	272	316	365	263
Women, 16 years and over	742	773	753	766	754	800	797	795	800	767	863	874	822
Women, 20 years and over	471	515	486	486	455	513	471	515	533	490	596	529	524
Both sexes, 16 to 19 years	621	610	602	565	609	562	617	611	544	616	553	679	631
UNEMPLOYMENT RATES													
Full-time workers	5.9	5.8	5.8	5.9	6.1	6.1	5.8	5.9	5.9	6.1	6.3	6.5	6.3
Men, 16 years and over	5.7	5.8	5.9	5.8	6.2	6.1	6.0	5.9	5.9	6.3	6.5	6.5	6.4
Men, 20 years and over	5.3	5.4	5.4	5.4	5.8	5.7	5.5	5.4	5.3	5.8	5.9	6.2	6.0
Women, 16 years and over	6.1	5.9	5.8	6.0	6.0	6.1	5.6	5.8	5.8	6.1	5.9	6.3	6.1
Women, 20 years and over	5.7	5.4	5.4	5.7	5.6	5.6	5.2	5.4	5.5	5.6	5.4	5.7	5.7
Both sexes, 16 to 19 years	25.1	25.4	23.1	21.4	25.4	25.9	26.9	26.2	30.0	27.2	30.3	29.5	28.6
Part-time workers	5.4	5.4	5.3	5.2	5.1	5.3	5.4	5.5	5.5	5.4	5.6	5.9	5.5
Men, 16 years and over	7.7	7.3	6.9	6.7	6.6	6.6	6.8	7.0	7.0	7.4	6.7	7.9	7.4
Men, 20 years and over	4.6	4.3	4.1	4.3	3.7	4.3	4.7	4.4	5.0	4.3	4.8	5.6	4.2
Women, 16 years and over	4.4	4.5	4.5	4.5	4.5	4.8	4.6	4.7	4.7	4.4	4.9	4.9	4.7
Women, 20 years and over	3.3	3.6	3.4	3.4	3.2	3.6	3.2	3.6	3.7	3.3	4.0	3.5	3.6
Both sexes, 16 to 19 years	12.3	12.1	12.1	11.6	12.5	11.6	12.4	12.7	11.8	13.2	12.0	13.9	12.9

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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
CLASS OF WORKER													
Agriculture and related industries	2,321	2,169	2,315	2,483	2,314	2,342	2,314	2,178	2,227	2,128	2,157	2,213	2,193
Wage and salary workers	1,355	1,201	1,310	1,394	1,219	1,260	1,195	1,174	1,271	1,192	1,198	1,226	1,216
Self-employed workers	959	959	974	1,040	1,060	1,038	1,071	953	923	912	948	1,005	946
Nonagricultural industries	134,094	134,552	134,979	134,537	134,206	134,080	135,142	135,317	135,104	135,682	135,424	135,357	135,204
Wage and salary workers	125,033	125,521	125,766	125,346	124,786	124,735	125,768	126,006	125,886	126,425	126,202	126,034	125,727
Private industries	105,306	105,690	106,022	105,704	105,148	105,348	105,907	106,437	106,583	106,838	106,683	106,275	106,135
Industries except private households	104,533	104,910	105,259	104,947	104,365	104,673	105,192	105,773	105,910	106,104	105,907	105,441	105,240
Government	19,743	19,778	19,746	19,692	19,647	19,551	19,868	19,418	19,318	19,556	19,552	19,701	19,631
Self-employed workers	8,912	8,980	9,048	9,080	9,276	9,250	9,444	9,258	9,181	9,139	9,065	9,250	9,306
PERSONS AT WORK PART TIME ¹													
All industries:													
Part time for economic reasons	4,139	4,308	4,356	4,343	4,329	4,273	4,643	4,807	4,696	4,840	4,592	4,499	4,649
Slack work or business conditions	2,760	2,881	2,814	2,888	2,855	2,893	3,027	3,152	3,123	3,221	3,058	3,153	3,112
Could only find part-time work	1,113	1,153	1,177	1,133	1,159	1,110	1,297	1,275	1,192	1,266	1,265	1,257	1,304
Part time for noneconomic reasons	19,143	19,047	18,928	18,685	18,727	18,555	19,314	18,421	18,888	18,886	19,083	19,548	19,027
Nonagricultural industries:													
Part time for economic reasons	4,025	4,185	4,266	4,274	4,272	4,219	4,496	4,675	4,587	4,728	4,478	4,390	4,566
Slack work or business conditions	2,689	2,806	2,755	2,857	2,816	2,854	2,947	3,062	3,048	3,140	3,003	3,074	3,079
Could only find part-time work	1,103	1,143	1,172	1,122	1,158	1,097	1,267	1,257	1,178	1,258	1,234	1,237	1,276
Part time for noneconomic reasons	18,741	18,668	18,555	18,347	18,361	18,197	18,984	18,134	18,529	18,503	18,664	19,184	18,610

¹ 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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
AGE AND SEX													
Total, 16 years and over	136,343	136,757	137,312	136,988	136,542	136,439	137,536	137,408	137,348	137,687	137,487	137,738	137,478
16 to 19 years	6,289	6,280	6,425	6,400	6,228	6,164	6,125	6,042	5,829	5,923	5,907	5,855	5,823
16 to 17 years	2,338	2,321	2,358	2,347	2,256	2,258	2,446	2,352	2,292	2,311	2,333	2,291	2,289
18 to 19 years	3,968	3,959	4,060	4,045	3,960	3,921	3,694	3,722	3,550	3,616	3,547	3,568	3,538
20 years and over	130,054	130,476	130,888	130,589	130,314	130,275	131,410	131,365	131,519	131,765	131,580	131,883	131,655
20 to 24 years	13,361	13,484	13,432	13,303	13,387	13,372	13,568	13,510	13,458	13,420	13,455	13,473	13,379
25 years and over	116,713	117,099	117,406	117,271	116,856	116,892	117,876	117,932	117,984	118,332	118,139	118,414	118,288
25 to 54 years	96,639	96,959	97,025	96,840	96,356	96,491	96,957	96,942	97,042	97,341	97,111	97,357	97,213
25 to 34 years	30,412	30,365	30,365	30,323	29,961	30,139	30,369	30,563	30,420	30,554	30,392	30,410	30,437
35 to 44 years	35,010	35,168	35,160	35,005	34,973	34,942	35,125	34,803	34,910	34,986	34,849	34,858	34,742
45 to 54 years	31,217	31,425	31,500	31,512	31,422	31,411	31,463	31,577	31,712	31,800	31,871	32,089	32,034
55 years and over	20,074	20,140	20,381	20,430	20,499	20,400	20,918	20,990	20,942	20,992	21,028	21,057	21,074
Men, 16 years and over	72,931	73,023	73,402	73,151	72,773	72,690	72,994	73,249	73,064	73,182	72,981	73,071	73,043
16 to 19 years	3,140	3,127	3,189	3,230	3,156	3,091	3,027	2,956	2,772	2,818	2,837	2,941	2,850
16 to 17 years	1,139	1,101	1,134	1,142	1,113	1,102	1,203	1,157	1,056	1,052	1,073	1,089	1,089
18 to 19 years	2,007	2,025	2,055	2,081	2,040	1,986	1,838	1,820	1,718	1,770	1,760	1,850	1,757
20 years and over	69,792	69,895	70,213	69,921	69,617	69,600	69,967	70,293	70,293	70,364	70,144	70,130	70,193
20 to 24 years	6,994	6,987	7,050	6,975	7,014	7,024	7,183	7,215	7,206	7,116	7,076	7,012	6,962
25 years and over	62,807	62,957	63,077	62,938	62,562	62,579	62,814	63,151	63,050	63,266	63,077	63,118	63,253
25 to 54 years	51,888	52,019	52,066	51,873	51,569	51,566	51,687	51,925	51,885	52,057	51,911	51,961	51,994
25 to 34 years	16,607	16,641	16,614	16,569	16,384	16,445	16,528	16,730	16,669	16,750	16,660	16,668	16,711
35 to 44 years	18,755	18,892	18,953	18,804	18,748	18,749	18,824	18,729	18,719	18,735	18,685	18,670	18,724
45 to 54 years	16,525	16,486	16,499	16,500	16,437	16,371	16,334	16,466	16,498	16,572	16,566	16,623	16,559
55 years and over	10,919	10,937	11,012	11,065	10,993	11,013	11,127	11,227	11,165	11,209	11,166	11,157	11,259
Women, 16 years and over	63,412	63,734	63,910	63,837	63,769	63,749	64,542	64,159	64,284	64,505	64,506	64,667	64,435
16 to 19 years	3,149	3,153	3,235	3,169	3,072	3,073	3,098	3,086	3,057	3,104	3,070	2,914	2,973
16 to 17 years	1,200	1,220	1,224	1,204	1,143	1,156	1,243	1,195	1,236	1,259	1,259	1,203	1,200
18 to 19 years	1,961	1,933	2,005	1,964	1,921	1,935	1,856	1,902	1,833	1,845	1,787	1,718	1,781
20 years and over	60,262	60,581	60,675	60,668	60,697	60,676	61,443	61,073	61,227	61,401	61,436	61,753	61,462
20 to 24 years	6,368	6,497	6,382	6,328	6,373	6,348	6,385	6,295	6,252	6,304	6,378	6,461	6,416
25 years and over	53,906	54,142	54,328	54,332	54,293	54,313	55,062	54,781	54,934	55,066	55,062	55,295	55,035
25 to 54 years	44,751	44,940	44,959	44,967	44,787	44,926	45,270	45,018	45,157	45,283	45,200	45,396	45,220
25 to 34 years	13,805	13,725	13,751	13,754	13,577	13,693	13,841	13,834	13,752	13,804	13,731	13,742	13,726
35 to 44 years	16,255	16,276	16,207	16,201	16,225	16,193	16,301	16,073	16,191	16,251	16,164	16,188	16,019
45 to 54 years	14,692	14,939	15,001	15,012	14,985	15,039	15,129	15,111	15,214	15,228	15,305	15,466	15,475
55 years and over	9,155	9,202	9,369	9,365	9,506	9,387	9,792	9,763	9,777	9,783	9,862	9,900	9,816
MARITAL STATUS													
Married men, spouse present	44,150	44,235	44,129	44,245	44,093	44,005	44,401	44,587	44,415	44,552	44,542	44,371	44,739
Married women, spouse present	34,035	34,278	34,479	34,322	34,264	34,189	34,525	34,620	34,569	34,685	34,443	34,600	34,612

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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
AGE AND SEX													
Total, 16 years and over	8,443	8,366	8,321	8,405	8,637	8,711	8,302	8,450	8,445	8,786	8,998	9,358	9,062
16 to 19 years	1,292	1,280	1,243	1,135	1,261	1,206	1,241	1,251	1,251	1,303	1,339	1,401	1,317
16 to 17 years	572	555	568	453	542	481	546	514	460	530	530	631	602
18 to 19 years	728	764	663	674	715	718	697	702	761	785	834	776	726
20 years and over	7,151	7,086	7,079	7,269	7,377	7,505	7,061	7,199	7,194	7,483	7,659	7,957	7,745
20 to 24 years	1,415	1,428	1,433	1,502	1,455	1,444	1,392	1,390	1,310	1,501	1,580	1,607	1,544
25 years and over	5,707	5,676	5,632	5,768	5,884	5,924	5,675	5,828	5,876	6,057	6,116	6,422	6,177
25 to 54 years	4,913	4,803	4,797	4,942	5,141	5,084	4,833	5,011	5,061	5,045	5,130	5,421	5,236
25 to 34 years	1,854	1,908	1,853	1,859	1,967	1,980	1,921	1,809	1,844	1,887	1,937	2,100	1,986
35 to 44 years	1,686	1,612	1,677	1,787	1,818	1,747	1,657	1,905	1,747	1,753	1,833	1,999	1,901
45 to 54 years	1,373	1,283	1,267	1,296	1,356	1,356	1,256	1,296	1,469	1,404	1,360	1,322	1,349
55 years and over	795	828	819	823	778	892	890	822	821	919	995	1,012	938
Men, 16 years and over	4,610	4,654	4,610	4,575	4,845	4,801	4,699	4,678	4,674	4,940	5,107	5,301	5,139
16 to 19 years	731	748	716	613	692	657	673	716	730	733	745	739	751
16 to 17 years	324	331	310	237	300	251	287	273	232	286	295	339	322
18 to 19 years	400	446	401	372	392	398	392	436	471	446	465	399	425
20 years and over	3,879	3,906	3,895	3,962	4,153	4,145	4,026	3,962	3,944	4,207	4,362	4,562	4,388
20 to 24 years	755	802	827	813	797	796	775	731	685	853	915	928	919
25 years and over	3,106	3,097	3,062	3,153	3,329	3,309	3,256	3,238	3,250	3,370	3,485	3,684	3,452
25 to 54 years	2,646	2,628	2,592	2,695	2,875	2,803	2,748	2,749	2,754	2,828	2,921	3,030	2,910
25 to 34 years	1,016	1,019	1,000	1,023	1,110	1,067	1,091	969	987	1,033	1,069	1,194	1,138
35 to 44 years	913	878	887	966	1,010	939	932	997	953	1,008	1,037	1,110	1,017
45 to 54 years	717	730	705	706	755	797	725	784	814	786	815	726	755
55 years and over	460	469	470	459	454	505	507	488	496	542	564	655	541
Women, 16 years and over	3,832	3,712	3,711	3,829	3,792	3,909	3,603	3,772	3,771	3,846	3,891	4,057	3,923
16 to 19 years	560	532	527	522	569	549	567	534	521	570	594	662	566
16 to 17 years	247	223	258	216	242	231	259	241	227	244	235	292	280
18 to 19 years	328	318	262	302	323	319	304	266	291	339	369	377	301
20 years and over	3,272	3,180	3,184	3,308	3,224	3,360	3,035	3,237	3,250	3,276	3,297	3,395	3,357
20 to 24 years	660	626	606	689	658	648	617	658	625	648	665	679	625
25 years and over	2,602	2,579	2,570	2,614	2,555	2,615	2,420	2,590	2,627	2,687	2,631	2,738	2,726
25 to 54 years	2,266	2,175	2,205	2,247	2,265	2,280	2,085	2,261	2,307	2,217	2,209	2,391	2,325
25 to 34 years	839	889	853	836	857	913	830	840	857	854	867	906	848
35 to 44 years	773	734	790	821	808	808	725	908	794	745	797	889	883
45 to 54 years	655	552	562	590	600	559	531	513	655	619	545	595	594
MARITAL STATUS													
Married men, spouse present	1,620	1,618	1,652	1,630	1,667	1,706	1,622	1,667	1,734	1,730	1,796	2,050	1,833
Married women, spouse present	1,331	1,291	1,300	1,342	1,343	1,348	1,176	1,282	1,320	1,304	1,327	1,406	1,392

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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
AGE AND SEX													
Total, 16 years and over	5.8	5.8	5.7	5.8	5.9	6.0	5.7	5.8	5.8	6.0	6.1	6.4	6.2
16 to 19 years	17.0	16.9	16.2	15.1	16.8	16.4	16.8	17.1	17.7	18.0	18.5	19.3	18.4
16 to 17 years	19.7	19.3	19.4	16.2	19.4	17.6	18.3	17.9	16.7	18.7	18.5	21.6	20.8
18 to 19 years	15.5	16.2	14.0	14.3	15.3	15.5	15.9	15.9	17.7	17.8	19.0	17.9	17.0
20 years and over	5.2	5.2	5.1	5.3	5.4	5.4	5.1	5.2	5.2	5.4	5.5	5.7	5.6
20 to 24 years	9.6	9.6	9.6	10.1	9.8	9.7	9.3	9.3	8.9	10.1	10.5	10.7	10.3
25 years and over	4.7	4.6	4.6	4.7	4.8	4.8	4.6	4.7	4.7	4.9	4.9	5.1	5.0
25 to 54 years	4.8	4.7	4.7	4.9	5.1	5.0	4.7	4.9	5.0	4.9	5.0	5.3	5.1
25 to 34 years	5.7	5.9	5.8	5.8	6.2	6.2	5.9	5.6	5.7	5.8	6.0	6.5	6.1
35 to 44 years	4.6	4.4	4.6	4.9	4.9	4.8	4.5	5.2	4.8	4.8	5.0	5.4	5.2
45 to 54 years	4.2	3.9	3.9	4.0	4.1	4.1	3.8	3.9	4.4	4.2	4.1	4.0	4.0
55 years and over	3.8	4.0	3.9	3.9	3.7	4.2	4.1	3.8	3.8	4.2	4.5	4.6	4.3
Men, 16 years and over	5.9	6.0	5.9	5.9	6.2	6.2	6.0	6.0	6.0	6.3	6.5	6.8	6.6
16 to 19 years	18.9	19.3	18.3	16.0	18.0	17.5	18.2	19.5	20.8	20.6	20.8	20.1	20.9
16 to 17 years	22.2	23.1	21.5	17.2	21.2	18.5	19.3	19.1	18.0	21.4	21.5	23.8	22.8
18 to 19 years	16.6	18.1	16.3	15.2	16.1	16.7	17.6	19.3	21.5	20.1	20.9	17.7	19.5
20 years and over	5.3	5.3	5.3	5.4	5.6	5.6	5.4	5.3	5.3	5.6	5.9	6.1	5.9
20 to 24 years	9.7	10.3	10.5	10.4	10.2	10.2	9.7	9.2	8.7	10.7	11.4	11.7	11.7
25 years and over	4.7	4.7	4.6	4.8	5.1	5.0	4.9	4.9	4.9	5.1	5.2	5.5	5.2
25 to 54 years	4.9	4.8	4.7	4.9	5.3	5.2	5.0	5.0	5.0	5.2	5.3	5.5	5.3
25 to 34 years	5.8	5.8	5.7	5.8	6.3	6.1	6.2	5.5	5.6	5.8	6.0	6.7	6.4
35 to 44 years	4.6	4.4	4.5	4.9	5.1	4.8	4.7	5.1	4.8	5.1	5.3	5.6	5.2
45 to 54 years	4.2	4.2	4.1	4.1	4.4	4.6	4.2	4.5	4.7	4.5	4.7	4.2	4.4
55 years and over	4.0	4.1	4.1	4.0	4.0	4.4	4.4	4.2	4.3	4.6	4.8	5.5	4.6
Women, 16 years and over	5.7	5.5	5.5	5.7	5.6	5.8	5.3	5.6	5.5	5.6	5.7	5.9	5.7
16 to 19 years	15.1	14.4	14.0	14.1	15.6	15.2	15.5	14.8	14.6	15.5	16.2	18.5	16.0
16 to 17 years	17.1	15.5	17.4	15.2	17.4	16.6	17.3	16.8	15.5	16.2	15.8	19.5	18.9
18 to 19 years	14.3	14.1	11.5	13.3	14.4	14.2	14.1	12.3	13.7	15.5	17.1	18.0	14.5
20 years and over	5.1	5.0	5.0	5.2	5.0	5.2	4.7	5.0	5.0	5.1	5.1	5.2	5.2
20 to 24 years	9.4	8.8	8.7	9.8	9.4	9.3	8.8	9.5	9.1	9.3	9.4	9.5	8.9
25 years and over	4.6	4.5	4.5	4.6	4.5	4.6	4.2	4.5	4.6	4.7	4.6	4.7	4.7
25 to 54 years	4.8	4.6	4.7	4.8	4.8	4.8	4.4	4.8	4.9	4.7	4.7	5.0	4.9
25 to 34 years	5.7	6.1	5.8	5.7	5.9	6.3	5.7	5.7	5.9	5.8	5.9	6.2	5.8
35 to 44 years	4.5	4.3	4.6	4.8	4.7	4.8	4.3	5.3	4.7	4.4	4.7	5.2	5.2
45 to 54 years	4.3	3.6	3.6	3.8	3.9	3.6	3.4	3.3	4.1	3.9	3.4	3.7	3.7
MARITAL STATUS													
Married men, spouse present	3.5	3.5	3.6	3.6	3.6	3.7	3.5	3.6	3.8	3.7	3.9	4.4	3.9
Married women, spouse present	3.8	3.6	3.6	3.8	3.8	3.8	3.3	3.6	3.7	3.6	3.7	3.9	3.9

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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
NUMBER OF UNEMPLOYED													
Job losers and persons who completed temporary jobs ..	4,613	4,607	4,608	4,828	4,833	4,863	4,583	4,756	4,613	4,765	5,074	5,010	4,951
On temporary layoff	1,236	1,158	1,044	1,098	1,069	1,110	1,080	1,142	1,157	1,101	1,226	1,199	1,198
Not on temporary layoff	3,377	3,449	3,565	3,729	3,764	3,753	3,503	3,614	3,456	3,664	3,848	3,811	3,753
Job leavers	840	844	808	850	834	862	825	772	794	829	772	893	792
Reentrants	2,390	2,326	2,321	2,386	2,394	2,462	2,331	2,395	2,391	2,558	2,499	2,687	2,529
New entrants	547	587	542	494	586	534	616	579	626	642	634	648	670
PERCENT DISTRIBUTION													
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	55.1	55.7	56.4	55.9	55.8	54.9	55.9	54.8	54.2	56.5	54.2	55.4
On temporary layoff	14.7	13.8	12.6	12.8	12.4	12.7	12.9	13.4	13.7	12.5	13.7	13.0	13.4
Not on temporary layoff	40.2	41.2	43.1	43.6	43.5	43.0	41.9	42.5	41.0	41.7	42.9	41.3	42.0
Job leavers	10.0	10.1	9.8	9.9	9.6	9.9	9.9	9.1	9.4	9.4	8.6	9.7	8.9
Reentrants	28.5	27.8	28.0	27.9	27.7	28.2	27.9	28.2	28.4	29.1	27.8	29.1	28.3
New entrants	6.5	7.0	6.5	5.8	6.8	6.1	7.4	6.8	7.4	7.3	7.1	7.0	7.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers and persons who completed temporary jobs ..	3.2	3.2	3.2	3.3	3.3	3.4	3.1	3.3	3.2	3.3	3.5	3.4	3.4
Job leavers .....	.6	.6	.6	.6	.6	.6	.6	.5	.5	.6	.5	.6	.5
Reentrants	1.7	1.6	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.7	1.7	1.8	1.7
New entrants .....	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.5

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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
NUMBER OF UNEMPLOYED													
Less than 5 weeks	2,903	2,895	2,782	2,797	2,912	2,860	2,772	2,749	2,780	2,814	3,056	3,009	2,730
5 to 14 weeks	2,520	2,505	2,558	2,515	2,532	2,547	2,577	2,565	2,473	2,630	2,605	2,936	2,699
15 weeks and over	2,955	2,891	3,019	3,099	3,143	3,296	3,140	3,155	3,104	3,294	3,250	3,572	3,592
15 to 26 weeks	1,381	1,361	1,359	1,374	1,317	1,392	1,457	1,281	1,316	1,392	1,321	1,536	1,633
27 weeks and over	1,573	1,530	1,660	1,724	1,826	1,904	1,683	1,874	1,788	1,903	1,930	2,036	1,959
Average (mean) duration, in weeks	16.6	16.3	17.8	17.6	17.9	18.4	18.4	18.6	18.0	19.6	19.2	19.8	19.3
Median duration, in weeks	8.9	8.7	9.5	9.6	9.4	9.6	9.8	9.4	9.6	10.2	10.1	12.3	10.0
PERCENT DISTRIBUTION													
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	34.9	33.3	33.2	33.9	32.9	32.6	32.5	33.3	32.2	34.3	31.6	30.3
5 to 14 weeks	30.1	30.2	30.6	29.9	29.5	29.3	30.4	30.3	29.6	30.1	29.2	30.9	29.9
15 weeks and over	35.3	34.9	36.1	36.8	36.6	37.9	37.0	37.3	37.1	37.7	36.5	37.5	39.8
15 to 26 weeks	16.5	16.4	16.3	16.3	15.3	16.0	17.2	15.1	15.7	15.9	14.8	16.1	18.1
27 weeks and over	18.8	18.5	19.9	20.5	21.3	21.9	19.8	22.1	21.4	21.8	21.7	21.4	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	July 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	
TOTAL								
16 years and over	221,252	147,822	66.8	138,503	62.6	9,319	6.3	73,430
16 to 19 years	16,109	8,655	53.7	7,039	43.7	1,615	18.7	7,454
16 to 17 years	8,587	3,734	43.5	2,931	34.1	802	21.5	4,853
18 to 19 years	7,522	4,921	65.4	4,108	54.6	813	16.5	2,601
20 to 24 years	19,796	15,496	78.3	13,911	70.3	1,585	10.2	4,301
25 to 54 years	123,317	101,915	82.6	96,729	78.4	5,186	5.1	21,403
25 to 34 years	39,026	32,344	82.9	30,380	77.8	1,965	6.1	6,682
25 to 29 years	18,638	15,447	82.9	14,442	77.5	1,005	6.5	3,191
30 to 34 years	20,388	16,897	82.9	15,937	78.2	960	5.7	3,491
35 to 44 years	43,730	36,413	83.3	34,541	79.0	1,872	5.1	7,317
35 to 39 years	21,043	17,421	82.8	16,511	78.5	910	5.2	3,622
40 to 44 years	22,687	18,992	83.7	18,030	79.5	963	5.1	3,695
45 to 54 years	40,562	33,157	81.7	31,808	78.4	1,349	4.1	7,404
45 to 49 years	21,615	18,075	83.6	17,330	80.2	745	4.1	3,541
50 to 54 years	18,946	15,083	79.6	14,479	76.4	604	4.0	3,863
55 to 64 years	27,781	17,110	61.6	16,350	58.9	760	4.4	10,671
55 to 59 years	15,673	11,062	70.6	10,537	67.2	525	4.7	4,611
60 to 64 years	12,108	6,047	49.9	5,813	48.0	234	3.9	6,060
65 years and over	34,249	4,647	13.6	4,475	13.1	172	3.7	29,602
65 to 69 years	9,525	2,590	27.2	2,480	26.0	110	4.2	6,835
70 to 74 years	8,433	1,186	14.1	1,146	13.6	40	3.4	7,248
75 years and over	16,290	871	5.3	848	5.2	23	2.6	15,419
Men								
16 years and over	106,475	79,290	74.5	74,269	69.8	5,021	6.3	27,184
16 to 19 years	8,170	4,438	54.3	3,537	43.3	902	20.3	3,732
16 to 17 years	4,380	1,893	43.2	1,467	33.5	426	22.5	2,487
18 to 19 years	3,790	2,545	67.2	2,069	54.6	476	18.7	1,244
20 to 24 years	9,872	8,196	83.0	7,302	74.0	894	10.9	1,676
25 to 54 years	60,610	54,944	90.7	52,229	86.2	2,715	4.9	5,666
25 to 34 years	19,349	17,877	92.4	16,805	86.9	1,072	6.0	1,472
25 to 29 years	9,270	8,517	91.9	7,962	85.9	555	6.5	753
30 to 34 years	10,079	9,360	92.9	8,843	87.7	517	5.5	719
35 to 44 years	21,455	19,731	92.0	18,779	87.5	953	4.8	1,724
35 to 39 years	10,336	9,567	92.6	9,137	88.4	430	4.5	769
40 to 44 years	11,120	10,164	91.4	9,641	86.7	523	5.1	955
45 to 54 years	19,806	17,335	87.5	16,646	84.0	690	4.0	2,471
45 to 49 years	10,580	9,442	89.2	9,086	85.9	356	3.8	1,139
50 to 54 years	9,226	7,894	85.6	7,560	81.9	334	4.2	1,332
55 to 64 years	13,330	9,075	68.1	8,663	65.0	412	4.5	4,255
55 to 59 years	7,522	5,796	77.0	5,518	73.4	278	4.8	1,726
60 to 64 years	5,808	3,279	56.5	3,144	54.1	134	4.1	2,529
65 years and over	14,492	2,637	18.2	2,539	17.5	98	3.7	11,855
65 to 69 years	4,405	1,469	33.4	1,405	31.9	64	4.3	2,936
70 to 74 years	3,747	678	18.1	653	17.4	25	3.7	3,069
75 years and over	6,340	489	7.7	480	7.6	9	1.8	5,851
Women								
16 years and over	114,778	68,532	59.7	64,234	56.0	4,298	6.3	46,246
16 to 19 years	7,939	4,216	53.1	3,503	44.1	713	16.9	3,723
16 to 17 years	4,206	1,841	43.8	1,464	34.8	376	20.4	2,366
18 to 19 years	3,733	2,376	63.6	2,039	54.6	337	14.2	1,357
20 to 24 years	9,924	7,299	73.6	6,609	66.6	691	9.5	2,625
25 to 54 years	62,707	46,971	74.9	44,499	71.0	2,472	5.3	15,736
25 to 34 years	19,678	14,467	73.5	13,575	69.0	893	6.2	5,210
25 to 29 years	9,368	6,930	74.0	6,481	69.2	450	6.5	2,438
30 to 34 years	10,309	7,537	73.1	7,094	68.8	443	5.9	2,772
35 to 44 years	22,274	16,682	74.9	15,762	70.8	920	5.5	5,593
35 to 39 years	10,707	7,854	73.4	7,374	68.9	480	6.1	2,853
40 to 44 years	11,567	8,828	76.3	8,388	72.5	439	5.0	2,739
45 to 54 years	20,755	15,822	76.2	15,163	73.1	660	4.2	4,933
45 to 49 years	11,035	8,633	78.2	8,244	74.7	389	4.5	2,402
50 to 54 years	9,720	7,189	74.0	6,919	71.2	270	3.8	2,531
55 to 64 years	14,451	8,035	55.6	7,687	53.2	348	4.3	6,416
55 to 59 years	8,151	5,266	64.6	5,019	61.6	248	4.7	2,884
60 to 64 years	6,300	2,769	43.9	2,669	42.4	100	3.6	3,531
65 years and over	19,757	2,010	10.2	1,936	9.8	74	3.7	17,746
65 to 69 years	5,120	1,121	21.9	1,075	21.0	46	4.1	4,000
70 to 74 years	4,686	507	10.8	493	10.5	14	2.9	4,179
75 years and over	9,950	382	3.8	368	3.7	14	3.7	9,568

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	July 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 ¹								
16 years and over	181,341	121,519	67.0	114,884	63.4	6,635	5.5	59,822
16 to 19 years	12,535	7,150	57.0	6,035	48.1	1,115	15.6	5,385
16 to 17 years	6,642	3,094	46.6	2,513	37.8	581	18.8	3,548
18 to 19 years	5,893	4,056	68.8	3,522	59.8	534	13.2	1,837
20 to 24 years	15,531	12,599	81.1	11,532	74.2	1,067	8.5	2,932
25 to 54 years	99,612	82,848	83.2	79,163	79.5	3,685	4.4	16,764
25 to 34 years	30,789	25,641	83.3	24,281	78.9	1,360	5.3	5,149
25 to 29 years	14,670	12,211	83.2	11,531	78.6	680	5.6	2,459
30 to 34 years	16,120	13,430	83.3	12,750	79.1	680	5.1	2,690
35 to 44 years	35,333	29,532	83.6	28,222	79.9	1,310	4.4	5,801
35 to 39 years	16,870	13,964	82.8	13,320	79.0	644	4.6	2,906
40 to 44 years	18,463	15,568	84.3	14,902	80.7	666	4.3	2,895
45 to 54 years	33,490	27,675	82.6	26,660	79.6	1,015	3.7	5,815
45 to 49 years	17,758	15,009	84.5	14,447	81.4	562	3.7	2,749
50 to 54 years	15,732	12,666	80.5	12,214	77.6	453	3.6	3,066
55 to 64 years	23,636	14,776	62.5	14,156	59.9	621	4.2	8,859
55 to 59 years	13,349	9,559	71.6	9,144	68.5	415	4.3	3,790
60 to 64 years	10,287	5,217	50.7	5,012	48.7	206	3.9	5,070
65 years and over	30,027	4,146	13.8	3,999	13.3	147	3.5	25,881
65 to 69 years	8,226	2,281	27.7	2,192	26.6	89	3.9	5,945
70 to 74 years	7,336	1,073	14.6	1,038	14.2	35	3.3	6,263
75 years and over	14,465	792	5.5	769	5.3	23	2.9	13,673
Men								
16 years and over	88,273	66,403	75.2	62,703	71.0	3,700	5.6	21,870
16 to 19 years	6,394	3,727	58.3	3,086	48.3	641	17.2	2,668
16 to 17 years	3,393	1,600	47.2	1,297	38.2	303	18.9	1,793
18 to 19 years	3,001	2,127	70.9	1,789	59.6	338	15.9	874
20 to 24 years	7,851	6,729	85.7	6,123	78.0	606	9.0	1,122
25 to 54 years	49,748	45,673	91.8	43,635	87.7	2,038	4.5	4,075
25 to 34 years	15,569	14,597	93.8	13,801	88.6	795	5.4	973
25 to 29 years	7,449	6,964	93.5	6,556	88.0	408	5.9	485
30 to 34 years	8,121	7,633	94.0	7,245	89.2	388	5.1	488
35 to 44 years	17,611	16,390	93.1	15,686	89.1	704	4.3	1,221
35 to 39 years	8,429	7,872	93.4	7,538	89.4	334	4.2	557
40 to 44 years	9,182	8,518	92.8	8,147	88.7	370	4.3	664
45 to 54 years	16,567	14,686	88.6	14,148	85.4	538	3.7	1,881
45 to 49 years	8,808	7,968	90.5	7,686	87.3	282	3.5	840
50 to 54 years	7,759	6,718	86.6	6,463	83.3	256	3.8	1,041
55 to 64 years	11,465	7,911	69.0	7,585	66.2	326	4.1	3,554
55 to 59 years	6,528	5,101	78.2	4,889	74.9	213	4.2	1,426
60 to 64 years	4,937	2,810	56.9	2,696	54.6	114	4.0	2,127
65 years and over	12,816	2,363	18.4	2,274	17.7	89	3.8	10,453
65 to 69 years	3,850	1,308	34.0	1,253	32.5	55	4.2	2,542
70 to 74 years	3,306	614	18.6	589	17.8	25	4.1	2,692
75 years and over	5,660	441	7.8	432	7.6	9	2.0	5,219
Women								
16 years and over	93,068	55,116	59.2	52,181	56.1	2,935	5.3	37,952
16 to 19 years	6,140	3,423	55.7	2,949	48.0	474	13.8	2,717
16 to 17 years	3,248	1,494	46.0	1,216	37.4	278	18.6	1,755
18 to 19 years	2,892	1,929	66.7	1,733	59.9	196	10.1	963
20 to 24 years	7,681	5,870	76.4	5,408	70.4	462	7.9	1,811
25 to 54 years	49,864	37,175	74.6	35,527	71.2	1,647	4.4	12,690
25 to 34 years	15,220	11,044	72.6	10,479	68.9	565	5.1	4,176
25 to 29 years	7,221	5,247	72.7	4,974	68.9	273	5.2	1,974
30 to 34 years	7,999	5,797	72.5	5,505	68.8	292	5.0	2,202
35 to 44 years	17,722	13,142	74.2	12,536	70.7	606	4.6	4,580
35 to 39 years	8,441	6,092	72.2	5,782	68.5	310	5.1	2,349
40 to 44 years	9,281	7,050	76.0	6,754	72.8	296	4.2	2,231
45 to 54 years	16,923	12,989	76.8	12,512	73.9	477	3.7	3,934
45 to 49 years	8,950	7,041	78.7	6,761	75.5	280	4.0	1,909
50 to 54 years	7,973	5,948	74.6	5,751	72.1	197	3.3	2,025
55 to 64 years	12,171	6,865	56.4	6,571	54.0	294	4.3	5,306
55 to 59 years	6,821	4,458	65.4	4,255	62.4	202	4.5	2,363
60 to 64 years	5,350	2,408	45.0	2,316	43.3	92	3.8	2,942
65 years and over	17,211	1,783	10.4	1,725	10.0	58	3.2	15,428
65 to 69 years	4,376	973	22.2	939	21.5	34	3.5	3,403
70 to 74 years	4,030	459	11.4	449	11.1	10	2.2	3,571
75 years and over	8,805	351	4.0	337	3.8	14	4.0	8,454

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	July 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 ¹								
16 years and over	25,702	16,792	65.3	14,784	57.5	2,008	12.0	8,910
16 to 19 years	2,386	997	41.8	624	26.2	372	37.4	1,389
16 to 17 years	1,282	403	31.4	251	19.6	152	37.8	879
18 to 19 years	1,104	594	53.8	373	33.8	220	37.1	510
20 to 24 years	2,773	1,933	69.7	1,525	55.0	408	21.1	840
25 to 54 years	15,016	12,140	80.8	11,027	73.4	1,113	9.2	2,876
25 to 34 years	4,979	4,144	83.2	3,678	73.9	466	11.3	835
25 to 29 years	2,419	1,995	82.5	1,734	71.7	262	13.1	423
30 to 34 years	2,560	2,149	83.9	1,944	75.9	205	9.5	411
35 to 44 years	5,386	4,482	83.2	4,059	75.4	424	9.5	903
35 to 39 years	2,631	2,209	84.0	2,003	76.1	206	9.3	422
40 to 44 years	2,755	2,274	82.5	2,055	74.6	218	9.6	481
45 to 54 years	4,651	3,514	75.5	3,291	70.8	223	6.3	1,138
45 to 49 years	2,546	1,995	78.4	1,870	73.5	124	6.2	551
50 to 54 years	2,106	1,519	72.1	1,420	67.5	98	6.5	587
55 to 64 years	2,697	1,380	51.2	1,286	47.7	94	6.8	1,317
55 to 59 years	1,451	876	60.4	799	55.0	77	8.8	575
60 to 64 years	1,246	504	40.5	487	39.1	17	3.3	742
65 years and over	2,831	342	12.1	321	11.3	21	6.1	2,489
65 to 69 years	872	221	25.3	204	23.4	16	7.4	652
70 to 74 years	720	65	9.0	60	8.4	(²)	(²)	655
75 years and over	1,238	56	4.5	56	4.5	-	-	1,182
Men								
16 years and over	11,461	7,874	68.7	6,914	60.3	960	12.2	3,587
16 to 19 years	1,179	481	40.8	295	25.0	187	38.8	697
16 to 17 years	645	192	29.8	112	17.4	80	41.6	453
18 to 19 years	534	289	54.2	183	34.2	107	36.9	244
20 to 24 years	1,291	978	75.8	753	58.3	225	23.0	313
25 to 54 years	6,715	5,599	83.4	5,109	76.1	490	8.7	1,116
25 to 34 years	2,210	1,895	85.7	1,679	76.0	216	11.4	316
25 to 29 years	1,076	896	83.3	775	72.1	121	13.5	179
30 to 34 years	1,134	998	88.0	904	79.6	95	9.5	136
35 to 44 years	2,400	2,050	85.4	1,870	77.9	180	8.8	350
35 to 39 years	1,165	1,022	87.7	946	81.2	76	7.5	143
40 to 44 years	1,235	1,028	83.2	924	74.8	104	10.1	207
45 to 54 years	2,105	1,654	78.6	1,561	74.1	94	5.7	450
45 to 49 years	1,154	931	80.7	882	76.4	50	5.3	223
50 to 54 years	950	723	76.1	679	71.4	44	6.1	227
55 to 64 years	1,190	663	55.7	609	51.1	54	8.2	528
55 to 59 years	603	389	64.6	345	57.2	45	11.5	214
60 to 64 years	587	273	46.5	264	44.9	9	3.4	314
65 years and over	1,086	153	14.1	148	13.6	5	3.2	934
65 to 69 years	364	95	26.1	90	24.8	5	5.2	269
70 to 74 years	279	31	11.1	31	11.1	-	-	248
75 years and over	443	27	6.0	27	6.0	-	-	416
Women								
16 years and over	14,241	8,918	62.6	7,870	55.3	1,048	11.8	5,323
16 to 19 years	1,207	515	42.7	330	27.3	186	36.0	692
16 to 17 years	638	211	33.1	139	21.7	73	34.4	426
18 to 19 years	570	304	53.4	191	33.5	113	37.2	266
20 to 24 years	1,482	955	64.4	772	52.1	183	19.1	527
25 to 54 years	8,300	6,541	78.8	5,918	71.3	623	9.5	1,759
25 to 34 years	2,769	2,249	81.2	1,999	72.2	251	11.1	519
25 to 29 years	1,343	1,099	81.8	959	71.4	141	12.8	244
30 to 34 years	1,425	1,150	80.7	1,040	73.0	110	9.6	275
35 to 44 years	2,985	2,432	81.5	2,188	73.3	244	10.0	553
35 to 39 years	1,466	1,187	81.0	1,057	72.1	129	10.9	279
40 to 44 years	1,519	1,245	82.0	1,131	74.4	114	9.2	274
45 to 54 years	2,546	1,859	73.0	1,730	67.9	129	6.9	687
45 to 49 years	1,391	1,064	76.4	989	71.1	75	7.0	328
50 to 54 years	1,155	796	68.9	742	64.2	54	6.8	359
55 to 64 years	1,507	718	47.6	677	45.0	40	5.6	789
55 to 59 years	848	486	57.4	454	53.5	33	6.7	361
60 to 64 years	659	231	35.1	224	33.9	8	3.3	428
65 years and over	1,744	189	10.8	173	9.9	16	8.4	1,555
65 to 69 years	508	125	24.7	114	22.4	11	9.0	383
70 to 74 years	441	34	7.7	29	6.7	(²)	(²)	407
75 years and over	795	30	3.7	30	3.7	-	-	766

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	July 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 ¹								
16 years and over	9,291	6,184	66.6	5,800	62.4	384	6.2	3,107
16 to 19 years	614	222	36.2	166	27.0	56	25.4	391
16 to 17 years	349	97	27.9	73	21.0	24	24.9	251
18 to 19 years	265	125	47.1	93	35.0	32	25.7	140
20 to 24 years	851	517	60.8	476	55.9	42	8.0	333
25 to 54 years	5,865	4,669	79.6	4,414	75.3	255	5.5	1,196
25 to 34 years	2,190	1,676	76.5	1,595	72.8	81	4.8	514
25 to 29 years	1,025	787	76.8	759	74.1	28	3.5	237
30 to 34 years	1,165	889	76.3	835	71.7	53	6.0	276
35 to 44 years	2,085	1,669	80.1	1,576	75.6	93	5.6	416
35 to 39 years	1,066	859	80.5	818	76.7	41	4.7	208
40 to 44 years	1,019	811	79.6	758	74.4	52	6.4	208
45 to 54 years	1,590	1,323	83.2	1,242	78.1	81	6.1	266
45 to 49 years	829	687	82.9	649	78.4	37	5.4	142
50 to 54 years	761	637	83.7	593	77.9	44	6.9	124
55 to 64 years	989	670	67.7	639	64.6	31	4.6	319
55 to 59 years	583	439	75.3	417	71.5	22	5.0	144
60 to 64 years	406	231	56.9	223	54.8	9	3.7	175
65 years and over	973	106	10.9	105	10.8	1	.6	867
65 to 69 years	308	54	17.7	54	17.4	(²)	(²)	254
70 to 74 years	263	31	11.9	31	11.9	-	-	232
75 years and over	402	20	5.1	20	5.1	-	-	381

¹ 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.

² 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		July 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	27,597	18,838	68.3	17,300	62.7	1,537	8.2	8,760	
16 to 19 years	2,547	1,104	43.3	858	33.7	246	22.3	1,443	
16 to 17 years	1,368	432	31.6	309	22.6	123	28.4	936	
18 to 19 years	1,180	673	57.0	549	46.5	124	18.4	507	
20 to 24 years	3,532	2,668	75.5	2,387	67.6	281	10.5	864	
25 to 54 years	17,392	13,639	78.4	12,718	73.1	921	6.8	3,753	
25 to 34 years	7,519	5,951	79.1	5,523	73.4	428	7.2	1,568	
25 to 29 years	3,818	2,968	77.7	2,732	71.6	236	7.9	850	
30 to 34 years	3,701	2,984	80.6	2,791	75.4	193	6.5	718	
35 to 44 years	6,014	4,791	79.7	4,480	74.5	310	6.5	1,223	
35 to 39 years	3,242	2,591	79.9	2,407	74.2	184	7.1	651	
40 to 44 years	2,771	2,199	79.4	2,073	74.8	126	5.7	572	
45 to 54 years	3,859	2,897	75.1	2,715	70.3	182	6.3	962	
45 to 49 years	2,194	1,707	77.8	1,601	73.0	106	6.2	487	
50 to 54 years	1,666	1,190	71.4	1,114	66.9	76	6.4	476	
55 to 64 years	2,100	1,200	57.1	1,122	53.5	77	6.4	900	
55 to 59 years	1,226	827	67.5	771	62.9	56	6.8	399	
60 to 64 years	873	372	42.6	351	40.2	21	5.7	501	
65 years and over	2,027	228	11.2	216	10.6	12	5.3	1,799	
65 to 69 years	696	128	18.4	120	17.2	9	6.7	567	
70 to 74 years	569	64	11.3	61	10.7	(¹)	(¹)	505	
75 years and over	762	36	4.7	36	4.7	-	-	727	
Men									
16 years and over	14,122	11,303	80.0	10,445	74.0	858	7.6	2,820	
16 to 19 years	1,303	596	45.7	449	34.4	147	24.7	707	
16 to 17 years	680	214	31.5	150	22.1	64	30.0	466	
18 to 19 years	623	381	61.2	299	47.9	83	21.7	242	
20 to 24 years	1,904	1,629	85.5	1,450	76.2	179	11.0	275	
25 to 54 years	9,072	8,291	91.4	7,815	86.1	476	5.7	781	
25 to 34 years	4,041	3,819	94.5	3,568	88.3	251	6.6	223	
25 to 29 years	2,077	1,957	94.2	1,822	87.7	135	6.9	120	
30 to 34 years	1,964	1,862	94.8	1,746	88.9	116	6.2	102	
35 to 44 years	3,104	2,835	91.3	2,694	86.8	140	4.9	269	
35 to 39 years	1,689	1,546	91.5	1,464	86.7	81	5.3	144	
40 to 44 years	1,414	1,289	91.1	1,230	87.0	59	4.6	125	
45 to 54 years	1,927	1,638	85.0	1,553	80.6	85	5.2	290	
45 to 49 years	1,108	962	86.8	909	82.1	53	5.5	146	
50 to 54 years	820	676	82.5	644	78.5	32	4.8	144	
55 to 64 years	992	664	66.9	618	62.3	46	6.9	328	
55 to 59 years	565	452	80.0	421	74.5	31	6.8	113	
60 to 64 years	427	212	49.7	197	46.1	15	7.1	215	
65 years and over	851	123	14.5	113	13.3	10	8.5	727	
65 to 69 years	319	68	21.4	61	19.2	(¹)	(¹)	250	
70 to 74 years	246	35	14.3	32	12.9	(¹)	(¹)	211	
75 years and over	286	20	7.0	20	7.0	-	-	266	
Women									
16 years and over	13,475	7,535	55.9	6,856	50.9	679	9.0	5,940	
16 to 19 years	1,244	508	40.8	409	32.9	99	19.5	736	
16 to 17 years	687	217	31.6	159	23.1	58	26.8	470	
18 to 19 years	557	291	52.3	250	44.9	41	14.1	266	
20 to 24 years	1,628	1,039	63.8	936	57.5	103	9.9	589	
25 to 54 years	8,319	5,348	64.3	4,903	58.9	445	8.3	2,972	
25 to 34 years	3,478	2,133	61.3	1,955	56.2	177	8.3	1,345	
25 to 29 years	1,740	1,011	58.1	910	52.3	101	9.9	730	
30 to 34 years	1,738	1,122	64.6	1,045	60.1	77	6.9	616	
35 to 44 years	2,910	1,956	67.2	1,786	61.4	170	8.7	954	
35 to 39 years	1,553	1,046	67.3	943	60.7	102	9.8	507	
40 to 44 years	1,357	911	67.1	843	62.1	68	7.4	446	
45 to 54 years	1,932	1,259	65.2	1,162	60.1	97	7.7	673	
45 to 49 years	1,086	745	68.6	691	63.7	54	7.2	341	
50 to 54 years	846	514	60.8	471	55.6	43	8.5	332	
55 to 64 years	1,107	536	48.4	504	45.5	31	5.9	572	
55 to 59 years	661	376	56.8	350	53.0	25	6.7	286	
60 to 64 years	446	160	35.9	154	34.5	6	3.8	286	
65 years and over	1,177	105	8.9	103	8.8	2	1.5	1,072	
65 to 69 years	377	60	15.9	58	15.5	(¹)	(¹)	317	
70 to 74 years	323	29	8.9	29	8.9	-	-	294	
75 years and over	476	16	3.3	16	3.3	-	-	461	

¹ 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	
	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
TOTAL								
Civilian noninstitutional population	217,630	221,252	96,468	98,304	105,190	106,839	15,972	16,109
Civilian labor force	146,189	147,822	73,942	74,852	63,059	64,316	9,188	8,655
Percent of population	67.2	66.8	76.6	76.1	59.9	60.2	57.5	53.7
Employed	137,495	138,503	70,316	70,733	59,564	60,731	7,615	7,039
Unemployed	8,693	9,319	3,626	4,119	3,495	3,584	1,573	1,615
Unemployment rate	5.9	6.3	4.9	5.5	5.5	5.6	17.1	18.7
Not in labor force	71,441	73,430	22,525	23,453	42,132	42,523	6,784	7,454
White¹								
Civilian noninstitutional population	179,816	181,341	80,944	81,879	86,283	86,927	12,589	12,535
Civilian labor force	121,294	121,519	62,327	62,676	51,270	51,693	7,698	7,150
Percent of population	67.5	67.0	77.0	76.5	59.4	59.5	61.1	57.0
Employed	114,951	114,884	59,642	59,617	48,787	49,232	6,521	6,035
Unemployed	6,344	6,635	2,684	3,059	2,483	2,461	1,176	1,115
Unemployment rate	5.2	5.5	4.3	4.9	4.8	4.8	15.3	15.6
Not in labor force	58,522	59,822	18,617	19,203	35,014	35,234	4,892	5,385
Black or African American¹								
Civilian noninstitutional population	25,591	25,702	10,202	10,283	12,972	13,033	2,418	2,386
Civilian labor force	16,646	16,792	7,358	7,392	8,256	8,402	1,032	997
Percent of population	65.0	65.3	72.1	71.9	63.6	64.5	42.7	41.8
Employed	14,871	14,784	6,659	6,619	7,470	7,540	742	624
Unemployed	1,775	2,008	699	774	786	862	290	372
Unemployment rate	10.7	12.0	9.5	10.5	9.5	10.3	28.1	37.4
Not in labor force	8,945	8,910	2,844	2,890	4,715	4,631	1,386	1,389
Asian¹								
Civilian noninstitutional population	9,884	9,291	4,302	4,019	4,817	4,659	765	614
Civilian labor force	6,697	6,184	3,473	3,159	2,888	2,803	336	222
Percent of population	67.8	66.6	80.7	78.6	60.0	60.2	43.9	36.2
Employed	6,283	5,800	3,290	2,999	2,734	2,636	259	166
Unemployed	414	384	183	161	154	167	77	56
Unemployment rate	6.2	6.2	5.3	5.1	5.3	6.0	22.9	25.4
Not in labor force	3,187	3,107	829	860	1,929	1,856	429	391
Hispanic or Latino ethnicity								
Civilian noninstitutional population	26,008	27,597	11,951	12,819	11,550	12,231	2,506	2,547
Civilian labor force	18,134	18,838	10,032	10,707	6,877	7,027	1,225	1,104
Percent of population	69.7	68.3	83.9	83.5	59.5	57.5	48.9	43.3
Employed	16,787	17,300	9,462	9,996	6,370	6,447	955	858
Unemployed	1,347	1,537	570	711	507	580	270	246
Unemployment rate	7.4	8.2	5.7	6.6	7.4	8.3	22.0	22.3
Not in labor force	7,875	8,760	1,919	2,112	4,673	5,204	1,282	1,443

¹ 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-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	July 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 ENROLLED										
Total, 16 to 24 years	9,159	4,442	48.5	3,819	1,491	2,328	623	357	266	14.0
16 to 19 years	5,343	2,134	39.9	1,734	496	1,237	400	189	211	18.7
20 to 24 years	3,816	2,308	60.5	2,086	995	1,091	223	168	55	9.6
Men	4,381	2,050	46.8	1,738	769	969	313	183	130	15.2
Women	4,778	2,391	50.1	2,081	722	1,359	310	174	136	13.0
High school	3,684	1,183	32.1	913	223	691	269	110	159	22.8
College	5,475	3,259	59.5	2,906	1,268	1,637	353	246	107	10.8
Full-time students	4,152	2,225	53.6	1,976	780	1,196	248	184	64	11.2
Part-time students	1,322	1,034	78.2	929	488	441	105	62	42	10.1
White¹										
Total, 16 to 24 years	6,874	3,644	53.0	3,223	1,275	1,949	420	222	198	11.5
16 to 19 years	4,051	1,787	44.1	1,519	450	1,068	269	110	158	15.0
20 to 24 years	2,822	1,856	65.8	1,705	824	880	152	112	40	8.2
Men	3,308	1,693	51.2	1,479	669	810	214	108	106	12.6
Women	3,566	1,951	54.7	1,744	606	1,139	207	114	92	10.6
High school	2,733	971	35.5	785	201	584	185	72	113	19.1
College	4,141	2,673	64.6	2,438	1,074	1,364	235	150	85	8.8
Full-time students	3,107	1,824	58.7	1,667	675	992	157	109	48	8.6
Part-time students	1,034	849	82.1	771	399	373	78	41	37	9.2
Black or African American¹										
Total, 16 to 24 years	1,405	477	34.0	324	115	209	153	110	43	32.1
16 to 19 years	860	224	26.0	126	25	101	98	68	31	43.8
20 to 24 years	546	253	46.4	198	91	108	55	43	12	21.7
Men	639	214	33.5	149	61	88	65	59	6	30.4
Women	766	263	34.4	175	54	121	88	51	37	33.5
High school	657	140	21.3	82	15	67	58	32	26	41.6
College	749	337	45.1	242	100	142	95	78	17	28.2
Full-time students	596	222	37.3	147	45	102	75	62	14	34.0
Part-time students	153	115	75.4	96	55	41	20	17	3	17.0
Asian¹										
Total, 16 to 24 years	615	191	31.0	152	60	92	39	22	17	20.5
16 to 19 years	290	57	19.7	32	9	23	25	11	14	(²)
20 to 24 years	325	134	41.2	120	51	69	14	12	2	10.5
Men	292	91	31.2	67	21	46	24	14	10	26.3
Women	323	100	30.9	85	39	46	15	9	7	15.3
High school	204	33	16.3	15	2	13	18	6	12	(²)
College	411	158	38.3	137	57	79	21	16	5	13.3
Full-time students	319	108	34.0	95	37	57	13	11	2	12.4
Part-time students	92	49	53.3	42	20	22	7	5	2	(²)
Hispanic or Latino ethnicity										
Total, 16 to 24 years	1,482	556	37.5	468	174	295	88	36	51	15.8
16 to 19 years	961	276	28.7	215	54	162	61	25	36	22.1
20 to 24 years	521	280	53.7	253	120	133	27	12	15	9.6
Men	742	267	36.1	215	97	118	53	22	31	19.7
Women	741	289	39.0	254	77	177	35	15	20	12.1
High school	736	150	20.4	109	33	76	41	7	35	27.6
College	746	406	54.4	359	141	219	46	30	16	11.4
Full-time students	523	239	45.7	221	72	149	18	12	6	7.5
Part-time students	222	167	74.9	138	69	70	28	18	10	17.0

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	July 2003									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			
				Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work	Percent of labor force
TOTAL NOT ENROLLED										
Total, 16 to 24 years	26,746	19,709	73.7	17,131	11,970	5,161	2,578	2,091	487	13.1
16 to 19 years	10,766	6,521	60.6	5,306	2,327	2,979	1,215	826	389	18.6
20 to 24 years	15,980	13,188	82.5	11,825	9,643	2,182	1,362	1,265	97	10.3
Men	13,661	10,584	77.5	9,101	6,876	2,225	1,484	1,233	251	14.0
Women	13,085	9,124	69.7	8,030	5,094	2,936	1,094	858	236	12.0
Less than a high school diploma	9,116	5,225	57.3	4,221	2,185	2,036	1,005	698	306	19.2
High school graduates, no college	8,814	6,785	77.0	5,804	4,345	1,459	982	870	111	14.5
Some college or associate degree	6,578	5,708	86.8	5,277	3,829	1,448	431	370	61	7.5
Bachelor's degree and higher	2,237	1,989	88.9	1,829	1,611	218	161	153	8	8.1
White ¹										
Total, 16 to 24 years	21,193	16,105	76.0	14,343	10,054	4,289	1,762	1,389	373	10.9
16 to 19 years	8,483	5,363	63.2	4,516	2,000	2,516	846	539	307	15.8
20 to 24 years	12,709	10,743	84.5	9,827	8,054	1,772	916	850	66	8.5
Men	10,937	8,763	80.1	7,730	5,914	1,816	1,033	845	189	11.8
Women	10,255	7,342	71.6	6,613	4,140	2,473	729	544	184	9.9
Less than a high school diploma	7,166	4,304	60.1	3,602	1,888	1,714	702	458	244	16.3
High school graduates, no college	6,806	5,396	79.3	4,757	3,559	1,198	639	565	74	11.8
Some college or associate degree	5,315	4,661	87.7	4,387	3,196	1,191	274	228	47	5.9
Bachelor's degree and higher	1,905	1,744	91.5	1,597	1,411	186	147	139	8	8.4
Black or African American ¹										
Total, 16 to 24 years	3,753	2,452	65.3	1,825	1,278	548	627	545	82	25.6
16 to 19 years	1,526	773	50.6	499	203	296	274	222	53	35.5
20 to 24 years	2,227	1,679	75.4	1,327	1,075	252	353	323	29	21.0
Men	1,830	1,245	68.0	899	625	273	346	305	42	27.8
Women	1,924	1,207	62.8	927	652	275	280	240	40	23.2
Less than a high school diploma	1,359	624	45.9	376	158	218	247	200	48	39.7
High school graduates, no college	1,431	1,008	70.4	753	571	183	255	231	24	25.3
Some college or associate degree	817	696	85.2	585	446	139	111	101	10	15.9
Bachelor's degree and higher	147	125	85.0	111	102	9	14	14	—	10.9
Asian ¹										
Total, 16 to 24 years	849	549	64.6	490	333	157	59	41	18	10.7
16 to 19 years	323	165	51.1	134	48	86	31	14	18	19.0
20 to 24 years	526	384	72.9	356	285	71	27	27	—	7.2
Men	438	285	65.0	254	171	84	30	14	16	10.7
Women	412	264	64.2	236	162	73	28	27	1	10.7
Less than a high school diploma	247	128	51.7	109	62	47	19	11	8	14.8
High school graduates, no college	203	140	68.8	122	85	37	17	12	6	12.5
Some college or associate degree	250	186	74.5	164	106	58	22	18	4	12.0
Bachelor's degree and higher	149	95	63.8	95	80	15	—	—	—	—
Hispanic or Latino ethnicity										
Total, 16 to 24 years	4,597	3,216	70.0	2,776	2,197	579	440	370	70	13.7
16 to 19 years	1,586	828	52.2	643	351	292	185	135	50	22.4
20 to 24 years	3,010	2,388	79.3	2,133	1,846	288	254	235	20	10.7
Men	2,466	1,957	79.4	1,684	1,443	241	273	237	36	14.0
Women	2,131	1,258	59.1	1,092	754	338	167	133	34	13.2
Less than a high school diploma	2,298	1,425	62.0	1,231	953	277	194	145	49	13.6
High school graduates, no college	1,451	1,091	75.2	908	732	176	184	169	15	16.8
Some college or associate degree	740	601	81.2	552	436	116	49	42	7	8.1
Bachelor's degree and higher	108	99	91.5	85	76	10	14	14	—	13.8

¹ 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.

² 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 ¹	
					Total		Some college, no degree		Associate degree			
	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
TOTAL												
Civilian labor force	12,185	12,224	37,293	37,359	33,717	34,482	22,026	22,188	11,691	12,294	38,458	39,606
Percent of population	43.5	44.3	63.9	63.2	72.8	72.6	71.1	70.7	76.4	76.2	77.4	77.5
Employed	11,208	11,222	35,405	35,355	32,173	32,704	20,983	20,946	11,190	11,758	37,209	38,272
Employment-population ratio	40.1	40.7	60.7	59.8	69.5	68.8	67.7	66.7	73.1	72.9	74.9	74.9
Unemployed	978	1,002	1,888	2,004	1,545	1,778	1,043	1,241	501	536	1,248	1,334
Unemployment rate	8.0	8.2	5.1	5.4	4.6	5.2	4.7	5.6	4.3	4.4	3.2	3.4
Men												
Civilian labor force	7,675	7,667	20,112	20,540	16,836	16,993	11,309	11,300	5,527	5,692	21,250	21,456
Percent of population	56.5	56.8	74.7	74.3	80.4	79.4	78.7	77.8	84.0	83.0	83.7	82.9
Employed	7,120	7,138	19,122	19,384	16,129	16,150	10,838	10,674	5,292	5,476	20,607	20,759
Employment-population ratio	52.4	52.9	71.0	70.1	77.0	75.5	75.5	73.5	80.4	79.8	81.1	80.2
Unemployed	554	529	990	1,156	706	843	471	627	235	216	643	697
Unemployment rate	7.2	6.9	4.9	5.6	4.2	5.0	4.2	5.5	4.3	3.8	3.0	3.2
Women												
Civilian labor force	4,511	4,557	17,181	16,819	16,881	17,489	10,717	10,887	6,164	6,602	17,207	18,150
Percent of population	31.3	32.4	54.7	53.4	66.6	67.0	64.5	64.6	70.6	71.2	70.9	71.9
Employed	4,087	4,084	16,283	15,971	16,043	16,555	10,145	10,273	5,898	6,282	16,602	17,513
Employment-population ratio	28.4	29.0	51.8	50.7	63.3	63.4	61.0	61.0	67.5	67.8	68.4	69.4
Unemployed	423	473	898	848	838	935	572	615	266	320	605	638
Unemployment rate	9.4	10.4	5.2	5.0	5.0	5.3	5.3	5.6	4.3	4.8	3.5	3.5
White ²												
Civilian labor force	9,893	9,918	30,903	30,783	27,791	28,031	17,935	17,793	9,856	10,238	32,447	33,038
Percent of population	44.4	45.3	63.2	62.3	72.0	71.7	69.9	69.4	76.3	76.1	77.1	77.0
Employed	9,181	9,211	29,525	29,334	26,663	26,785	17,180	16,942	9,483	9,843	31,490	31,986
Employment-population ratio	41.2	42.1	60.4	59.4	69.1	68.5	67.0	66.1	73.4	73.2	74.8	74.6
Unemployed	711	707	1,378	1,449	1,128	1,246	755	851	373	395	957	1,051
Unemployment rate	7.2	7.1	4.5	4.7	4.1	4.4	4.2	4.8	3.8	3.9	2.9	3.2
Black or African American ²												
Civilian labor force	1,629	1,525	4,894	4,792	4,475	4,454	3,132	3,185	1,343	1,269	2,660	3,091
Percent of population	38.6	38.5	68.1	68.1	78.4	76.8	77.9	76.9	79.6	76.4	80.9	82.5
Employed	1,431	1,293	4,464	4,336	4,143	4,057	2,889	2,863	1,254	1,195	2,514	2,948
Employment-population ratio	33.9	32.7	62.1	61.6	72.6	69.9	71.9	69.1	74.4	71.9	76.4	78.7
Unemployed	198	232	430	457	332	397	243	323	89	74	146	143
Unemployment rate	12.2	15.2	8.8	9.5	7.4	8.9	7.7	10.1	6.6	5.8	5.5	4.6
Asian ²												
Civilian labor force	425	492	1,097	1,013	1,052	1,000	686	556	366	444	3,156	2,939
Percent of population	43.9	44.6	65.4	64.2	72.3	75.5	74.9	75.7	68.0	75.3	77.8	76.9
Employed	383	455	1,054	957	1,003	926	663	528	340	398	3,027	2,820
Employment-population ratio	39.5	41.3	62.8	60.6	68.9	69.9	72.3	71.9	63.1	67.4	74.6	73.8
Unemployed	42	37	43	56	50	74	24	28	26	46	128	119
Unemployment rate	10.0	7.4	3.9	5.6	4.7	7.4	3.4	5.1	7.1	10.4	4.1	4.0
Hispanic or Latino ethnicity												
Civilian labor force	5,189	5,328	4,228	4,454	2,812	3,072	1,905	2,126	907	946	2,005	2,212
Percent of population	61.4	60.8	75.5	73.7	80.2	77.9	79.7	79.1	81.2	75.3	81.7	79.8
Employed	4,797	4,931	3,997	4,166	2,678	2,849	1,824	1,947	854	902	1,925	2,110
Employment-population ratio	56.8	56.3	71.4	68.9	76.4	72.2	76.4	72.4	76.4	71.8	78.5	76.2
Unemployed	392	397	231	289	133	223	81	179	53	44	80	102
Unemployment rate	7.6	7.4	5.5	6.5	4.7	7.3	4.2	8.4	5.8	4.7	4.0	4.6

¹ Includes persons with bachelor's, master's, professional, and doctoral degrees.² 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	July 2003									
	Employed ¹								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 ²		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			
TOTAL										
Total, 16 years and over	115,288	96,373	10,112	8,804	23,215	3,352	17,532	2,331	7,939	1,379
16 to 19 years	2,823	2,345	384	94	4,216	645	3,324	248	1,015	601
16 to 17 years	688	544	118	27	2,243	217	1,887	139	388	414
18 to 19 years	2,134	1,801	266	67	1,974	428	1,437	109	626	187
20 years and over	112,465	94,028	9,728	8,710	18,999	2,707	14,208	2,084	6,925	778
20 to 24 years	10,638	9,323	979	336	3,272	690	2,393	189	1,433	152
25 years and over	101,827	84,705	8,748	8,374	15,726	2,017	11,815	1,895	5,492	626
25 to 54 years	85,820	71,792	7,147	6,881	10,909	1,739	7,841	1,329	4,768	418
55 years and over	16,007	12,913	1,601	1,493	4,817	278	3,974	566	724	208
Men, 16 years and over	66,854	57,802	5,224	3,827	7,415	1,562	5,360	493	4,449	572
16 to 19 years	1,638	1,389	199	50	1,898	313	1,470	115	576	325
20 years and over	65,215	56,413	5,025	3,777	5,517	1,249	3,890	378	3,873	246
20 to 24 years	6,006	5,378	488	140	1,295	328	918	50	839	55
25 years and over	59,209	51,035	4,537	3,637	4,222	921	2,972	328	3,034	191
25 to 54 years	49,907	43,268	3,684	2,954	2,322	783	1,374	165	2,621	94
55 years and over	9,302	7,767	853	682	1,899	138	1,598	164	413	97
Women, 16 years and over	48,435	38,570	4,888	4,977	15,800	1,789	12,172	1,838	3,490	807
16 to 19 years	1,185	956	185	44	2,318	331	1,855	132	438	275
20 years and over	47,250	37,614	4,702	4,933	13,482	1,458	10,318	1,706	3,052	532
20 to 24 years	4,632	3,944	491	196	1,977	362	1,475	139	594	97
25 years and over	42,618	33,670	4,211	4,737	11,504	1,095	8,842	1,567	2,458	435
25 to 54 years	35,913	28,523	3,463	3,927	8,586	955	6,467	1,165	2,147	325
55 years and over	6,705	5,147	748	811	2,918	140	2,376	402	311	111
White ³										
Men, 16 years and over	56,556	48,833	4,493	3,229	6,147	1,187	4,558	401	3,254	446
16 to 19 years	1,473	1,244	186	43	1,612	239	1,274	99	386	255
20 years and over	55,083	47,589	4,308	3,186	4,534	948	3,284	302	2,868	191
20 to 24 years	5,110	4,595	401	114	1,014	250	726	38	566	39
25 years and over	49,973	42,994	3,906	3,073	3,521	698	2,558	264	2,302	151
25 to 54 years	41,803	36,212	3,139	2,451	1,832	577	1,120	136	1,969	68
55 years and over	8,170	6,782	767	621	1,688	121	1,439	129	333	83
Women, 16 years and over	38,631	30,385	4,040	4,207	13,550	1,425	10,542	1,583	2,289	646
16 to 19 years	977	780	156	41	1,972	280	1,579	113	264	210
20 years and over	37,655	29,605	3,883	4,166	11,577	1,144	8,963	1,470	2,025	436
20 to 24 years	3,769	3,190	416	163	1,639	306	1,215	118	395	67
25 years and over	33,885	26,415	3,468	4,003	9,938	838	7,747	1,352	1,630	370
25 to 54 years	28,174	22,057	2,809	3,309	7,353	730	5,616	1,007	1,378	269
55 years and over	5,711	4,358	659	694	2,585	108	2,132	345	252	100
Black or African American ³										
Men, 16 years and over	6,145	5,318	442	386	768	258	451	60	887	73
16 to 19 years	106	88	13	6	188	49	128	11	152	35
20 years and over	6,039	5,230	429	380	580	209	322	49	736	38
20 to 24 years	581	520	42	19	172	56	109	8	212	13
25 years and over	5,458	4,709	387	362	408	153	214	41	523	25
25 to 54 years	4,807	4,170	321	317	303	147	142	14	476	14
55 years and over	652	540	67	45	105	6	72	27	47	12
Women, 16 years and over	6,630	5,557	556	517	1,240	249	866	126	924	124
16 to 19 years	121	102	19	-	209	31	169	8	137	49
20 years and over	6,509	5,455	537	517	1,032	217	697	117	787	75
20 to 24 years	585	516	48	22	187	34	141	13	154	29
25 years and over	5,923	4,939	490	495	845	184	557	104	633	46
25 to 54 years	5,284	4,441	430	413	633	168	392	73	587	36
55 years and over	639	497	59	83	212	16	165	31	46	10

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	July 2003									
	Employed ¹								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 ²		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			
Asian ³										
Men, 16 years and over	2,779	2,493	180	106	306	58	227	21	159	40
16 to 19 years	26	25	1	-	61	11	47	3	15	24
20 years and over	2,754	2,468	179	106	245	47	180	18	145	16
20 to 24 years	165	134	29	2	69	14	51	3	13	2
25 years and over	2,588	2,334	151	104	176	33	128	15	132	13
25 to 54 years	2,242	2,014	137	90	99	27	65	7	112	11
55 years and over	346	320	13	13	77	6	63	8	20	2
Women, 16 years and over	2,093	1,798	183	112	622	53	495	74	167	18
16 to 19 years	31	28	3	-	48	2	46	-	10	8
20 years and over	2,062	1,770	180	112	574	51	449	74	157	10
20 to 24 years	171	148	19	3	71	5	62	4	26	-
25 years and over	1,891	1,621	161	109	503	47	387	69	131	10
25 to 54 years	1,653	1,414	146	93	420	34	333	54	122	9
55 years and over	239	207	15	16	82	13	54	16	9	1
Hispanic or Latino ethnicity										
Men, 16 years and over	9,642	8,609	689	344	803	336	435	32	783	75
16 to 19 years	266	245	17	4	183	44	130	8	95	52
20 years and over	9,376	8,364	671	341	620	292	305	23	689	23
20 to 24 years	1,274	1,148	103	23	176	69	98	9	164	15
25 years and over	8,102	7,216	569	318	444	222	207	15	525	8
25 to 54 years	7,447	6,645	527	276	368	201	153	13	472	4
55 years and over	655	571	42	42	76	21	54	1	53	4
Women, 16 years and over	5,312	4,367	474	471	1,544	322	1,078	144	548	131
16 to 19 years	138	119	17	3	271	35	221	15	65	34
20 years and over	5,173	4,249	457	468	1,274	288	857	129	483	97
20 to 24 years	692	602	62	29	244	57	171	16	82	20
25 years and over	4,481	3,647	395	439	1,030	231	686	112	401	77
25 to 54 years	4,010	3,261	363	387	893	211	590	92	376	68
55 years and over	471	386	32	53	137	20	96	20	24	8

¹ 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.

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

³ 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	
	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
Total	137,495	138,503	74,210	74,269	70,316	70,733	63,285	64,234	59,564	60,731
Management, professional, and related occupations	46,738	47,237	23,680	23,720	23,470	23,557	23,059	23,518	22,770	23,267
Management, business, and financial operations occupations	19,769	20,050	11,718	11,674	11,677	11,643	8,051	8,375	8,009	8,340
Management occupations	14,567	14,521	9,317	9,161	9,283	9,137	5,249	5,361	5,215	5,338
Business and financial operations occupations	5,203	5,528	2,401	2,514	2,394	2,507	2,802	3,015	2,794	3,002
Professional and related occupations	26,969	27,188	11,962	12,045	11,793	11,914	15,008	15,142	14,760	14,927
Computer and mathematical occupations	3,217	3,036	2,302	2,160	2,284	2,151	915	877	901	871
Architecture and engineering occupations	2,631	2,837	2,339	2,407	2,324	2,388	292	430	287	424
Life, physical, and social science occupations	1,397	1,430	821	821	814	807	575	609	567	604
Community and social services occupations	2,201	2,115	795	820	778	815	1,405	1,295	1,384	1,283
Legal occupations	1,484	1,471	781	796	781	796	703	674	693	666
Education, training, and library occupations	6,785	6,746	1,801	1,776	1,773	1,757	4,985	4,969	4,875	4,880
Arts, design, entertainment, sports, and media occupations	2,734	2,798	1,461	1,472	1,393	1,420	1,273	1,327	1,228	1,269
Healthcare practitioner and technical occupations	6,520	6,754	1,661	1,793	1,646	1,780	4,860	4,961	4,823	4,930
Service occupations	22,517	23,225	10,153	10,168	8,746	8,801	12,364	13,057	10,806	11,493
Healthcare support occupations	2,644	3,017	285	336	270	316	2,359	2,681	2,254	2,584
Protective service occupations	2,704	2,798	2,183	2,196	2,081	2,089	521	602	410	467
Food preparation and serving related occupations	7,085	7,448	3,228	3,347	2,435	2,624	3,857	4,100	3,034	3,280
Building and grounds cleaning and maintenance occupations	5,380	5,394	3,376	3,251	3,031	2,912	2,004	2,143	1,887	2,038
Personal care and service occupations	4,704	4,568	1,080	1,038	929	860	3,624	3,530	3,221	3,124
Sales and office occupations	35,892	35,517	13,208	12,732	12,212	11,916	22,684	22,785	21,069	21,318
Sales and related occupations	16,040	15,946	8,311	8,078	7,741	7,597	7,729	7,868	6,670	6,940
Office and administrative support occupations	19,852	19,571	4,898	4,654	4,471	4,319	14,954	14,916	14,399	14,378
Natural resources, construction, and maintenance occupations	13,771	14,562	13,026	13,918	12,455	13,276	745	644	670	580
Farming, fishing, and forestry occupations	1,229	1,126	920	917	801	796	309	209	267	165
Construction and extraction occupations	7,979	8,560	7,762	8,324	7,426	7,925	217	236	194	221
Installation, maintenance, and repair occupations	4,564	4,876	4,345	4,677	4,229	4,555	219	198	210	194
Production, transportation, and material moving occupations	18,577	17,962	14,143	13,731	13,433	13,182	4,435	4,231	4,250	4,073
Production occupations	10,053	9,727	6,832	6,741	6,612	6,611	3,220	2,987	3,140	2,915
Transportation and material moving occupations	8,524	8,235	7,310	6,990	6,821	6,571	1,214	1,244	1,110	1,158

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	
	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
TOTAL						
Total, 16 years and over (thousands)	137,495	138,503	74,210	74,269	63,285	64,234
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	34.0	34.1	31.9	31.9	36.4	36.6
Management, business, and financial operations occupations	14.4	14.5	15.8	15.7	12.7	13.0
Professional and related occupations	19.6	19.6	16.1	16.2	23.7	23.6
Service occupations	16.4	16.8	13.7	13.7	19.5	20.3
Sales and office occupations	26.1	25.6	17.8	17.1	35.8	35.5
Sales and related occupations	11.7	11.5	11.2	10.9	12.2	12.2
Office and administrative support occupations	14.4	14.1	6.6	6.3	23.6	23.2
Natural resources, construction, and maintenance occupations	10.0	10.5	17.6	18.7	1.2	1.0
Farming, fishing, and forestry occupations .....	.9	.8	1.2	1.2	.5	.3
Construction and extraction occupations	5.8	6.2	10.5	11.2	.3	.4
Installation, maintenance, and repair occupations	3.3	3.5	5.9	6.3	.3	.3
Production, transportation, and material moving occupations	13.5	13.0	19.1	18.5	7.0	6.6
Production occupations	7.3	7.0	9.2	9.1	5.1	4.7
Transportation and material moving occupations	6.2	5.9	9.9	9.4	1.9	1.9
White¹						
Total, 16 years and over (thousands)	114,951	114,884	62,977	62,703	51,974	52,181
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	34.6	34.7	32.5	32.5	37.1	37.3
Management, business, and financial operations occupations	15.0	15.2	16.6	16.5	13.1	13.5
Professional and related occupations	19.6	19.5	15.9	16.0	24.0	23.8
Service occupations	15.4	15.8	12.8	12.9	18.4	19.4
Sales and office occupations	26.3	25.7	17.7	16.9	36.8	36.3
Sales and related occupations	12.1	11.8	11.6	11.1	12.8	12.6
Office and administrative support occupations	14.2	13.9	6.1	5.8	24.0	23.7
Natural resources, construction, and maintenance occupations	10.6	11.3	18.4	19.9	1.2	1.1
Farming, fishing, and forestry occupations .....	.9	.9	1.3	1.4	.5	.4
Construction and extraction occupations	6.2	6.7	11.0	12.0	.4	.4
Installation, maintenance, and repair occupations	3.5	3.7	6.1	6.6	.4	.3
Production, transportation, and material moving occupations	13.1	12.4	18.5	17.8	6.5	6.0
Production occupations	7.1	6.8	9.1	8.9	4.6	4.1
Transportation and material moving occupations	6.0	5.7	9.4	8.9	1.8	1.9
Black or African American¹						
Total, 16 years and over (thousands)	14,871	14,784	7,051	6,914	7,820	7,870
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	25.9	27.2	20.4	22.2	30.7	31.6
Management, business, and financial operations occupations	9.9	9.9	9.8	9.0	10.0	10.7
Professional and related occupations	16.0	17.3	10.6	13.2	20.8	20.9
Service occupations	23.8	23.2	20.5	20.1	26.9	25.8
Sales and office occupations	25.9	25.8	18.8	18.2	32.3	32.6
Sales and related occupations	8.5	9.3	8.1	8.2	8.8	10.3
Office and administrative support occupations	17.4	16.5	10.7	10.0	23.5	22.3
Natural resources, construction, and maintenance occupations	6.9	6.4	13.8	12.8	.6	.8
Farming, fishing, and forestry occupations .....	.4	.3	.7	.6	.2	.1
Construction and extraction occupations	3.9	3.7	8.0	7.6	.2	.2
Installation, maintenance, and repair occupations	2.6	2.4	5.2	4.5	.3	.5
Production, transportation, and material moving occupations	17.5	17.4	26.4	26.8	9.5	9.2
Production occupations	8.8	8.7	10.9	11.2	6.9	6.5
Transportation and material moving occupations	8.7	8.8	15.5	15.6	2.6	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	
	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
Asian¹						
Total, 16 years and over (thousands)	6,283	5,800	3,410	3,085	2,873	2,715
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	44.4	43.8	47.5	45.8	40.6	41.4
Management, business, and financial operations occupations	13.9	14.1	14.9	16.2	12.8	11.8
Professional and related occupations	30.4	29.6	32.6	29.7	27.8	29.6
Service occupations	16.1	16.6	14.1	14.4	18.6	19.2
Sales and office occupations	23.7	23.9	18.1	19.9	30.3	28.4
Sales and related occupations	11.3	11.8	11.2	12.0	11.4	11.6
Office and administrative support occupations	12.4	12.1	7.0	7.9	18.9	16.8
Natural resources, construction, and maintenance occupations	4.2	4.2	7.1	7.5	.8	.4
Farming, fishing, and forestry occupations .....	.4	.1	.3	.2	.4	—
Construction and extraction occupations	2.0	1.7	3.7	3.0	—	.2
Installation, maintenance, and repair occupations	1.8	2.3	3.1	4.3	.3	.1
Production, transportation, and material moving occupations	11.6	11.5	13.2	12.4	9.7	10.6
Production occupations	7.8	8.3	7.3	7.3	8.3	9.3
Transportation and material moving occupations	3.8	3.3	5.8	5.1	1.4	1.2
Hispanic or Latino ethnicity						
Total, 16 years and over (thousands)	16,787	17,300	10,018	10,445	6,769	6,856
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	16.6	16.8	13.0	14.2	22.1	20.8
Management, business, and financial operations occupations	6.6	7.1	5.9	7.1	7.6	7.0
Professional and related occupations	10.0	9.7	7.0	7.1	14.4	13.8
Service occupations	24.5	25.4	22.1	21.8	28.0	30.8
Sales and office occupations	21.6	21.7	14.1	13.5	32.8	34.2
Sales and related occupations	9.4	9.2	7.8	7.3	11.9	12.1
Office and administrative support occupations	12.2	12.6	6.3	6.3	20.9	22.2
Natural resources, construction, and maintenance occupations	16.7	17.4	26.1	27.4	2.6	2.2
Farming, fishing, and forestry occupations	3.4	2.5	4.3	3.4	2.1	1.1
Construction and extraction occupations	10.1	11.3	16.7	18.3	.4	.5
Installation, maintenance, and repair occupations	3.1	3.7	5.2	5.8	.1	.6
Production, transportation, and material moving occupations	20.6	18.6	24.7	23.0	14.6	12.0
Production occupations	12.3	10.9	13.1	12.2	11.1	8.8
Transportation and material moving occupations	8.3	7.8	11.6	10.8	3.5	3.2

¹ 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	July 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	2,407	1,077	47	19	76	8	117	925	8	23	48	60
Mining	513	58	45	—	4	6	77	—	171	33	31	88
Construction	10,666	1,395	270	20	58	120	587	2	7,161	475	158	420
Manufacturing	16,552	2,497	2,247	27	211	621	1,645	45	363	666	6,995	1,235
Durable goods	10,199	1,577	1,593	12	85	277	1,046	10	291	416	4,242	651
Nondurable goods	6,353	920	654	15	126	344	599	35	72	250	2,753	584
Wholesale and retail trade	21,026	1,558	1,026	40	582	10,552	3,287	81	144	929	729	2,097
Wholesale trade	4,632	597	185	8	45	1,752	785	33	35	177	213	802
Retail trade	16,393	961	841	32	537	8,800	2,502	48	108	752	516	1,295
Transportation and utilities	6,944	709	292	46	200	105	1,757	8	177	554	311	2,786
Information	3,996	954	1,139	2	85	450	787	—	13	365	112	89
Financial activities	9,692	3,368	541	47	364	2,347	2,674	—	71	138	38	103
Professional and business services	13,819	2,972	4,282	435	2,149	522	2,295	35	126	200	343	461
Education and health services	27,283	2,300	14,214	119	6,046	103	3,562	—	120	198	272	349
Leisure and hospitality	12,398	1,457	816	329	7,969	745	623	—	37	81	141	200
Other services	6,829	592	877	15	2,422	349	693	7	33	1,086	475	281
Other services, except private households	5,917	587	874	15	1,543	349	689	7	26	1,082	473	272
Private households	912	5	3	—	879	—	3	—	7	4	2	8
Public administration	6,378	1,113	1,392	1,699	262	18	1,467	23	138	127	74	64

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	July 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	1,378	982	47	126,496	107,390	912	106,478	19,106	9,493	107
16 to 19 years	123	7	32	6,769	6,294	164	6,130	474	101	7
16 to 17 years	58	6	12	2,799	2,607	103	2,504	192	52	4
18 to 19 years	65	1	20	3,969	3,687	61	3,626	282	50	3
20 to 24 years	170	12	6	13,444	12,479	136	12,343	965	272	6
25 to 34 years	299	64	1	28,431	24,809	93	24,716	3,622	1,566	19
35 to 44 years	352	193	3	31,342	26,579	195	26,385	4,762	2,617	34
45 to 54 years	253	258	1	28,709	22,878	156	22,722	5,831	2,563	25
55 to 64 years	113	235	5	14,329	11,295	107	11,188	3,035	1,664	5
65 years and over	67	213	-	3,472	3,055	61	2,994	417	711	11
Men, 16 years and over	1,057	692	14	66,603	58,233	88	58,144	8,371	5,865	37
16 to 19 years	95	7	8	3,342	3,129	29	3,100	214	81	4
16 to 17 years	44	6	2	1,372	1,287	14	1,273	85	39	4
18 to 19 years	51	1	6	1,970	1,841	14	1,827	129	41	-
20 to 24 years	152	4	4	6,951	6,475	8	6,467	476	190	1
25 to 34 years	234	50	1	15,581	14,037	10	14,027	1,544	924	15
35 to 44 years	266	113	2	16,814	14,692	21	14,671	2,121	1,581	2
45 to 54 years	177	164	-	14,684	12,230	7	12,223	2,454	1,614	6
55 to 64 years	85	170	-	7,365	5,994	12	5,982	1,371	1,040	3
65 years and over	48	183	-	1,866	1,676	2	1,675	190	435	7
Women, 16 years and over	321	290	33	59,892	49,157	823	48,334	10,736	3,628	70
16 to 19 years	28	-	25	3,426	3,166	136	3,030	260	20	3
16 to 17 years	15	-	11	1,427	1,320	89	1,231	107	12	-
18 to 19 years	14	-	14	1,999	1,846	47	1,799	153	8	3
20 to 24 years	18	9	3	6,493	6,004	128	5,876	489	81	5
25 to 34 years	65	13	-	12,850	10,772	83	10,689	2,078	641	5
35 to 44 years	86	79	1	14,528	11,887	174	11,713	2,641	1,036	32
45 to 54 years	76	93	1	14,025	10,648	149	10,499	3,377	949	18
55 to 64 years	28	64	5	6,964	5,301	95	5,206	1,663	624	3
65 years and over	19	31	-	1,606	1,379	59	1,320	227	276	4

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	July 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	127,368	2,307	125,062	100.0	100.0	100.0
1 to 34 hours	30,182	558	29,624	23.7	24.2	23.7
1 to 4 hours	1,619	41	1,578	1.3	1.8	1.3
5 to 14 hours	4,261	115	4,147	3.3	5.0	3.3
15 to 29 hours	14,968	251	14,717	11.8	10.9	11.8
30 to 34 hours	9,334	151	9,183	7.3	6.5	7.3
35 hours and over	97,186	1,749	95,437	76.3	75.8	76.3
35 to 39 hours	8,390	112	8,278	6.6	4.8	6.6
40 hours	53,918	599	53,318	42.3	26.0	42.6
41 hours and over	34,878	1,038	33,841	27.4	45.0	27.1
41 to 48 hours	12,148	120	12,028	9.5	5.2	9.6
49 to 59 hours	12,973	268	12,704	10.2	11.6	10.2
60 hours and over	9,758	650	9,108	7.7	28.2	7.3
Average hours, total at work	39.1	46.0	39.0	—	—	—
Average hours, persons who usually work full time	42.6	51.7	42.5	—	—	—

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	July 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	30,182	10,112	20,070	29,624	9,960	19,664
Economic reasons	4,870	1,692	3,178	4,792	1,663	3,129
Slack work or business conditions	3,119	1,410	1,710	3,086	1,389	1,696
Could only find part-time work	1,411	—	1,411	1,382	—	1,382
Seasonal work	191	134	57	178	127	51
Job started or ended during week	148	148	—	147	147	—
Noneconomic reasons	25,312	8,420	16,893	24,832	8,297	16,535
Child-care problems	730	52	678	729	52	677
Other family or personal obligations	5,138	575	4,563	5,024	564	4,460
Health or medical limitations	725	—	725	710	—	710
In school or training	4,280	62	4,218	4,237	62	4,175
Retired or Social Security limit on earnings	1,907	—	1,907	1,821	—	1,821
Vacation or personal day	5,253	5,253	—	5,188	5,188	—
Holiday, legal or religious	254	254	—	254	254	—
Weather-related curtailment	275	275	—	254	254	—
All other reasons	6,751	1,949	4,803	6,615	1,923	4,691
Average hours:						
Economic reasons	22.8	23.4	22.5	22.9	23.5	22.5
Other reasons	21.3	23.7	20.1	21.3	23.7	20.2

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	July 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	125,062	29,624	4,792	8,297	16,535	95,437	39.0	42.5
Wage and salary workers	116,228	26,722	4,309	7,679	14,734	89,505	39.0	42.3
Mining	453	52	10	20	23	401	47.3	48.9
Construction	8,606	1,402	376	602	424	7,204	40.7	42.1
Manufacturing	15,109	1,806	334	966	505	13,304	41.7	42.6
Durable goods	9,291	1,033	156	624	253	8,258	42.0	42.7
Nondurable goods	5,818	773	179	343	252	5,045	41.2	42.4
Wholesale and retail trade	18,812	4,712	787	925	3,000	14,100	38.7	42.9
Transportation and utilities	6,081	1,013	191	413	408	5,068	41.8	43.8
Information	3,563	690	80	240	370	2,874	40.2	42.9
Financial activities	8,556	1,478	165	530	782	7,078	40.3	42.6
Professional and business services	11,301	2,298	396	776	1,126	9,003	40.1	42.9
Education and health services	21,108	6,163	694	1,839	3,630	14,944	36.6	40.3
Leisure and hospitality	11,174	4,494	976	504	3,014	6,680	34.9	41.9
Other services	5,496	1,699	250	278	1,172	3,797	37.2	43.2
Other services, except private households	4,628	1,200	159	246	795	3,428	38.7	43.4
Private households	868	500	90	32	377	368	28.7	41.2
Public administration	5,968	914	49	586	279	5,053	40.9	42.0
Self-employed workers	8,727	2,830	478	607	1,745	5,897	38.7	45.2
Unpaid family workers	107	72	5	11	56	34	30.9	(¹)

¹ 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.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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	July 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								
Total, 16 years and over	125,062	29,624	4,792	8,297	16,535	95,437	39.0	42.5
16 to 19 years	6,551	4,173	678	304	3,191	2,378	27.8	38.8
16 to 17 years	2,698	2,140	225	91	1,825	558	23.2	37.9
18 to 19 years	3,853	2,033	453	213	1,367	1,820	30.9	39.0
20 years and over	118,511	25,451	4,115	7,994	13,343	93,059	39.6	42.6
20 to 24 years	13,197	3,891	873	743	2,275	9,307	36.7	40.9
25 years and over	105,314	21,561	3,241	7,251	11,069	83,753	40.0	42.7
25 to 54 years	87,150	16,082	2,758	5,926	7,398	71,068	40.6	42.8
55 years and over	18,164	5,479	483	1,325	3,671	12,685	37.2	42.4
Men, 16 years and over	68,227	11,574	2,406	4,161	5,006	56,654	41.7	43.8
16 to 19 years	3,273	1,902	333	155	1,413	1,371	29.4	39.5
16 to 17 years	1,334	1,005	110	54	841	329	24.5	38.2
18 to 19 years	1,939	896	223	101	572	1,042	32.7	40.0
20 years and over	64,954	9,672	2,073	4,006	3,593	55,282	42.3	43.9
20 to 24 years	6,953	1,665	452	338	875	5,288	38.5	41.9
25 years and over	58,001	8,007	1,621	3,668	2,718	49,994	42.7	44.2
25 to 54 years	48,113	5,619	1,371	2,978	1,270	42,494	43.3	44.2
55 years and over	9,888	2,388	250	690	1,448	7,500	39.8	43.8
Women, 16 years and over	56,834	18,051	2,386	4,136	11,529	38,784	35.8	40.5
16 to 19 years	3,278	2,271	345	148	1,778	1,007	26.2	37.7
16 to 17 years	1,364	1,135	114	37	983	229	21.9	37.6
18 to 19 years	1,914	1,137	230	112	795	777	29.2	37.7
20 years and over	53,557	15,779	2,041	3,987	9,751	37,777	36.4	40.6
20 to 24 years	6,244	2,225	421	405	1,400	4,018	34.7	39.5
25 years and over	47,313	13,554	1,621	3,583	8,351	33,759	36.6	40.7
25 to 54 years	39,037	10,463	1,387	2,948	6,128	28,574	37.2	40.8
55 years and over	8,276	3,091	234	635	2,223	5,185	34.2	40.4
Race and Hispanic or Latino ethnicity								
White, 16 years and over ¹	103,273	25,027	3,792	7,028	14,208	78,246	39.0	42.6
Men	57,438	9,726	1,893	3,591	4,242	47,711	41.9	44.0
Women	45,836	15,301	1,898	3,437	9,966	30,535	35.5	40.5
Black or African American, 16 years and over ¹	13,634	2,745	682	797	1,266	10,889	38.8	41.4
Men	6,414	1,124	345	343	437	5,290	40.2	42.4
Women	7,221	1,621	337	454	830	5,599	37.6	40.3
Asian, 16 years and over ¹	5,471	1,148	156	310	682	4,323	39.4	42.4
Men	2,953	443	79	154	210	2,511	41.3	43.4
Women	2,518	706	77	156	472	1,813	37.1	41.1
Hispanic or Latino, 16 years and over	15,897	3,235	949	829	1,457	12,662	38.7	41.2
Men	9,732	1,407	534	460	413	8,326	40.3	41.8
Women	6,164	1,829	415	369	1,044	4,336	36.0	40.0
Marital status								
Men, 16 years and over:								
Married, spouse present	40,699	5,309	935	2,631	1,743	35,390	43.2	44.5
Widowed, divorced, or separated	8,038	1,304	296	521	487	6,734	41.8	43.7
Never married	19,490	4,960	1,175	1,009	2,776	14,530	38.4	42.4
Women, 16 years and over:								
Married, spouse present	28,867	9,289	798	2,200	6,291	19,578	35.5	40.4
Widowed, divorced, or separated	11,562	2,993	510	857	1,625	8,569	37.6	41.0
Never married	16,406	5,769	1,078	1,079	3,613	10,637	35.1	40.4

¹ 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	July 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	127,368	30,182	4,870	8,420	16,893	97,186	39.1	42.6
Management, professional, and related occupations	41,530	8,228	794	3,201	4,233	33,302	41.0	43.6
Management, business, and financial operations occupations	18,843	2,791	238	1,271	1,282	16,052	43.3	45.3
Professional and related occupations	22,688	5,438	556	1,930	2,951	17,250	39.0	42.1
Service occupations	21,749	7,828	1,516	1,268	5,044	13,921	35.6	41.5
Sales and office occupations	33,543	8,971	1,240	2,075	5,657	24,571	37.7	41.9
Sales and related occupations	15,104	4,083	644	718	2,721	11,020	39.0	44.0
Office and administrative support occupations	18,439	4,888	596	1,357	2,936	13,551	36.6	40.2
Natural resources, construction, and maintenance occupations ¹	13,879	2,138	623	957	558	11,741	41.3	42.6
Construction and extraction occupations	8,222	1,428	438	634	356	6,794	40.4	41.7
Installation, maintenance, and repair occupations	4,569	522	142	268	113	4,047	42.3	43.1
Production, transportation, and material moving occupations	16,668	3,017	698	919	1,400	13,651	40.4	42.6
Production occupations	8,991	1,352	332	532	488	7,640	40.1	41.5
Transportation and material moving occupations	7,677	1,666	366	387	912	6,011	40.6	44.1
Men, 16 years and over	69,949	11,874	2,461	4,248	5,165	58,075	41.9	44.1
Management, professional, and related occupations	21,972	2,996	387	1,466	1,144	18,976	44.0	45.6
Management, business, and financial operations occupations	11,086	1,170	139	614	417	9,916	45.8	47.0
Professional and related occupations	10,885	1,826	248	851	727	9,059	42.2	44.1
Service occupations	9,704	2,657	592	558	1,507	7,048	38.3	42.7
Sales and office occupations	12,157	2,189	405	642	1,142	9,968	41.6	44.4
Sales and related occupations	7,718	1,310	245	334	731	6,409	43.0	46.0
Office and administrative support occupations	4,438	879	160	308	411	3,559	39.3	41.7
Natural resources, construction, and maintenance occupations ¹	13,285	2,030	606	927	497	11,254	41.4	42.6
Construction and extraction occupations	8,012	1,392	430	624	338	6,620	40.4	41.7
Installation, maintenance, and repair occupations	4,383	499	140	255	104	3,883	42.4	43.2
Production, transportation, and material moving occupations	12,832	2,002	472	654	876	10,830	41.5	43.4
Production occupations	6,250	730	187	333	210	5,520	41.5	42.4
Transportation and material moving occupations	6,582	1,272	286	321	665	5,310	41.4	44.5
Women, 16 years and over	57,419	18,308	2,409	4,172	11,727	39,111	35.8	40.5
Management, professional, and related occupations	19,559	5,232	408	1,735	3,090	14,326	37.5	41.1
Management, business, and financial operations occupations	7,756	1,621	99	656	865	6,135	39.8	42.7
Professional and related occupations	11,802	3,611	308	1,079	2,224	8,191	36.0	40.0
Service occupations	12,044	5,171	924	709	3,538	6,873	33.4	40.4
Sales and office occupations	21,386	6,783	835	1,433	4,515	14,604	35.4	40.2
Sales and related occupations	7,385	2,774	399	385	1,990	4,611	34.8	41.2
Office and administrative support occupations	14,001	4,009	436	1,048	2,524	9,992	35.8	39.7
Natural resources, construction, and maintenance occupations ¹	594	107	17	30	61	487	39.4	41.8
Construction and extraction occupations	210	36	9	10	18	174	39.4	41.9
Installation, maintenance, and repair occupations	186	23	2	12	9	163	40.7	41.3
Production, transportation, and material moving occupations	3,836	1,015	225	265	525	2,821	36.7	39.7
Production occupations	2,741	621	145	199	278	2,120	37.1	39.4
Transportation and material moving occupations	1,095	394	81	66	247	701	35.8	40.7

¹ 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.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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	
	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
Total, 16 years and over	4,500	5,021	5.7	6.3	4,193	4,298	6.2	6.3
Married, spouse present	1,475	1,679	3.2	3.6	1,434	1,498	4.1	4.2
Widowed, divorced, or separated	574	650	6.0	6.9	852	957	6.3	7.0
Never married	2,451	2,692	10.5	11.5	1,907	1,842	9.9	9.5
White, 16 years and over ¹	3,365	3,700	5.1	5.6	2,979	2,935	5.4	5.3
Married, spouse present	1,177	1,332	3.0	3.3	1,152	1,174	3.8	3.9
Widowed, divorced, or separated	446	491	5.6	6.4	626	685	5.9	6.4
Never married	1,742	1,877	9.2	10.0	1,200	1,076	8.4	7.6
Black or African American, 16 years and over ¹	821	960	10.4	12.2	954	1,048	10.9	11.8
Married, spouse present	186	187	5.2	5.4	165	184	6.1	6.9
Widowed, divorced, or separated	89	140	7.3	11.0	187	230	8.3	9.9
Never married	546	633	17.6	20.1	602	633	15.8	16.2
Asian, 16 years and over ¹	238	199	6.5	6.1	176	185	5.8	6.4
Married, spouse present	73	110	3.3	5.1	78	95	4.4	5.3
Widowed, divorced, or separated	30	11	9.7	4.4	23	13	5.0	3.3
Never married	134	79	11.7	8.8	76	77	9.2	10.7
Hispanic or Latino, 16 years and over	728	858	6.8	7.6	619	679	8.4	9.0
Married, spouse present	259	295	4.6	4.8	240	308	6.6	8.5
Widowed, divorced, or separated	84	101	5.9	7.5	126	137	8.5	9.0
Never married	385	462	10.4	12.0	253	234	11.2	9.9
Total, 25 years and over	2,894	3,225	4.4	4.8	2,765	2,894	5.0	5.1
Married, spouse present	1,414	1,609	3.2	3.6	1,320	1,376	4.0	4.0
Widowed, divorced, or separated	553	622	5.9	6.8	797	887	6.1	6.7
Never married	927	994	7.8	8.1	649	630	7.0	6.5
White, 25 years and over ¹	2,170	2,453	3.9	4.4	2,005	2,000	4.4	4.4
Married, spouse present	1,117	1,277	2.9	3.3	1,057	1,075	3.7	3.7
Widowed, divorced, or separated	432	472	5.6	6.3	577	626	5.6	6.0
Never married	620	705	6.7	7.4	370	299	5.8	4.6
Black or African American, 25 years and over ¹	519	549	8.1	8.6	586	679	8.1	9.1
Married, spouse present	186	186	5.4	5.6	155	177	6.0	6.8
Widowed, divorced, or separated	85	132	7.2	10.6	182	221	8.2	9.7
Never married	248	230	13.9	12.5	249	282	10.3	11.0
Asian, 25 years and over ¹	149	145	4.7	5.0	114	141	4.5	5.6
Married, spouse present	73	110	3.4	5.2	71	91	4.1	5.2
Widowed, divorced, or separated	26	11	8.5	4.4	23	13	5.1	3.5
Never married	50	25	7.2	4.4	21	37	5.3	8.9
Hispanic or Latino, 25 years and over	449	532	5.3	5.9	388	477	6.6	8.0
Married, spouse present	244	271	4.6	4.7	210	269	6.3	8.0
Widowed, divorced, or separated	83	94	6.2	7.4	102	125	7.3	8.6
Never married	122	168	6.8	8.3	76	84	6.9	7.1

¹ 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	
	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
Total, 16 years and over ¹	8,693	9,319	5.9	6.3	5.7	6.3	6.2	6.3
Management, professional, and related occupations	1,671	1,800	3.5	3.7	3.1	3.3	3.8	4.0
Management, business, and financial operations occupations	633	682	3.1	3.3	2.5	2.8	3.9	3.9
Management occupations	437	435	2.9	2.9	2.4	2.6	3.8	3.4
Business and financial operations occupations	196	247	3.6	4.3	3.1	3.5	4.1	4.9
Professional and related occupations	1,038	1,118	3.7	3.9	3.6	3.8	3.8	4.1
Computer and mathematical occupations	148	181	4.4	5.6	4.0	5.7	5.2	5.4
Architecture and engineering occupations	128	128	4.6	4.3	4.5	4.0	5.5	6.2
Life, physical, and social science occupations	51	53	3.5	3.6	2.8	4.0	4.5	2.9
Community and social services occupations	50	57	2.2	2.6	1.5	2.2	2.7	2.9
Legal occupations	37	47	2.4	3.1	1.7	1.7	3.2	4.8
Education, training, and library occupations	373	427	5.2	6.0	4.6	4.5	5.4	6.4
Arts, design, entertainment, sports, and media occupations	160	139	5.5	4.7	6.0	5.0	5.0	4.4
Healthcare practitioner and technical occupations	91	86	1.4	1.3	.9	1.1	1.5	1.3
Service occupations	1,629	1,633	6.7	6.6	6.6	6.8	6.9	6.4
Healthcare support occupations	157	168	5.6	5.3	12.2	6.1	4.7	5.2
Protective service occupations	99	99	3.5	3.4	2.9	2.7	6.1	5.9
Food preparation and serving related occupations	688	691	8.8	8.5	8.5	8.9	9.2	8.1
Building and grounds cleaning and maintenance occupations	372	376	6.5	6.5	6.2	6.8	7.0	6.2
Personal care and service occupations	313	298	6.2	6.1	7.9	8.1	5.7	5.5
Sales and office occupations	2,071	2,159	5.5	5.7	4.9	5.5	5.8	5.8
Sales and related occupations	1,008	1,038	5.9	6.1	4.5	4.8	7.4	7.4
Office and administrative support occupations	1,063	1,122	5.1	5.4	5.7	6.8	4.9	5.0
Natural resources, construction, and maintenance occupations	953	1,093	6.5	7.0	6.3	6.8	9.5	11.6
Farming, fishing, and forestry occupations	118	113	8.7	9.1	7.9	6.6	11.2	18.7
Construction and extraction occupations	582	692	6.8	7.5	6.7	7.4	10.6	10.8
Installation, maintenance, and repair occupations	254	288	5.3	5.6	5.2	5.7	5.6	3.6
Production, transportation, and material moving occupations	1,562	1,663	7.8	8.5	6.8	7.9	10.7	10.3
Production occupations	903	868	8.2	8.2	7.2	7.3	10.5	10.1
Transportation and material moving occupations	659	795	7.2	8.8	6.4	8.4	11.3	10.7
No previous work experience	775	948	-	-	-	-	-	-
16 to 19 years	594	680	-	-	-	-	-	-
20 to 24 years	93	164	-	-	-	-	-	-
25 years and over	87	104	-	-	-	-	-	-

¹ 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	
	July 2002 ¹	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
Total, 16 years and over	8,693	9,319	5.9	6.3	5.7	6.3	6.2	6.3
Nonagricultural private wage and salary workers	6,910	7,239	6.1	6.3	5.8	6.4	6.4	6.2
Mining	19	43	3.9	7.9	4.4	9.0	—	1.5
Construction	594	677	6.9	7.5	6.8	7.6	7.3	7.5
Manufacturing	1,185	1,193	6.6	6.9	6.0	6.4	8.1	8.0
Durable goods	791	799	7.0	7.4	6.2	7.0	9.2	8.5
Nonmetallic mineral products	31	23	5.6	4.8	4.9	4.9	8.5	4.2
Primary and fabricated metal products	156	149	7.2	7.2	7.1	7.0	8.0	8.3
Machinery manufacturing	89	90	6.4	7.0	4.9	6.4	11.7	8.9
Computer and electronic products	124	141	7.3	8.3	7.2	7.8	7.6	9.4
Electrical equipment and appliances	33	34	5.7	6.5	1.7	4.8	11.8	10.6
Transportation equipment	183	210	7.2	8.6	6.1	8.6	10.3	8.6
Wood products	42	31	7.7	5.7	8.5	5.8	3.8	5.2
Furniture and fixtures	49	49	7.2	8.6	6.7	9.6	8.3	6.8
Miscellaneous manufacturing	84	72	7.6	6.2	6.7	4.3	9.1	8.7
Nondurable goods	394	394	6.0	6.0	5.5	5.1	6.7	7.5
Food manufacturing	96	95	6.2	5.9	4.6	5.1	8.9	7.4
Beverage and tobacco products	—	27	—	11.9	—	9.5	—	18.2
Textile, apparel, and leather	116	85	10.3	7.7	12.2	7.6	9.2	7.7
Paper and printing	59	60	4.2	4.1	4.3	4.3	4.1	3.8
Petroleum and coal products	12	7	6.9	3.8	8.7	4.5	—	—
Chemicals	49	64	4.0	4.9	5.7	4.0	1.2	6.5
Plastic and rubber products	62	55	7.4	8.3	5.1	5.1	12.6	14.1
Wholesale and retail trade	1,132	1,387	5.6	6.6	4.9	6.4	6.5	6.8
Wholesale trade	199	228	4.6	4.9	4.0	3.8	6.0	7.4
Retail trade	933	1,159	5.9	7.0	5.2	7.3	6.6	6.7
Transportation and utilities	270	289	4.9	5.4	4.3	5.2	6.9	5.9
Transportation and warehousing	255	260	5.5	5.8	5.0	5.5	7.4	6.6
Utilities	15	29	1.7	3.3	.7	3.2	4.7	3.3
Information ²	264	224	7.1	5.9	6.4	5.4	8.0	6.5
Publishing, except Internet	32	27	3.6	2.9	2.4	2.7	4.7	3.1
Motion picture and sound recording industries	40	61	9.9	12.5	8.0	9.9	13.2	17.4
Broadcasting, except Internet	34	43	5.9	7.7	8.3	7.0	1.4	8.9
Telecommunications	136	79	9.1	5.1	7.1	5.1	11.6	5.2
Internet service providers and data processing services	—	9	—	4.1	—	4.7	—	3.3
Other information services	16	6	6.3	7.6	7.5	—	5.2	13.0
Financial activities	345	284	3.8	3.1	2.9	3.2	4.5	3.1
Finance and insurance	235	187	3.6	2.9	2.6	3.1	4.2	2.7
Finance	143	146	3.4	3.4	2.9	3.7	3.8	3.2
Insurance	93	40	3.9	1.8	2.0	1.9	4.9	1.8
Real estate and rental and leasing	109	97	4.4	3.8	3.4	3.3	5.5	4.3
Real estate	78	71	3.9	3.5	2.5	3.3	5.3	3.8
Rental and leasing services	31	26	6.3	4.7	6.0	3.4	6.9	6.9
Professional and business services	1,075	1,021	8.2	8.2	7.4	7.2	9.3	9.4
Professional and technical services	438	424	5.7	5.8	5.3	4.8	6.3	7.1
Management, administrative, and waste services ²	637	597	11.8	11.5	10.3	10.3	13.8	13.2
Administrative and support services	616	580	12.2	12.0	10.7	10.9	14.2	13.5
Waste management and remediation services	20	17	6.6	5.0	6.3	4.9	7.5	5.5
Education and health services	671	697	4.0	4.0	3.5	4.3	4.2	3.8
Educational services	196	190	6.5	6.2	4.8	5.4	7.5	6.7
Health care and social assistance	476	507	3.5	3.5	3.0	3.9	3.6	3.4
Hospitals	116	73	2.4	1.4	4.4	3.3	1.9	.9
Health services, except hospitals	233	278	3.3	3.8	.9	3.0	3.9	4.0
Social assistance	127	155	6.3	7.6	6.9	10.0	6.2	7.2

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	
	July 2002 ¹	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
Leisure and hospitality	999	1,020	8.2	8.4	7.9	7.9	8.5	8.8
Arts, entertainment, and recreation	165	131	6.9	5.7	8.7	5.6	4.4	5.9
Accommodation and food services	834	889	8.6	9.0	7.6	8.5	9.4	9.4
Accommodation	140	109	8.2	6.2	8.8	4.3	7.7	7.6
Food services and drinking places	694	780	8.6	9.6	7.4	9.3	9.8	9.8
Other services	356	405	5.8	6.6	6.7	7.7	5.0	5.6
Other services, except private households	316	329	6.0	6.4	6.8	7.5	5.0	5.1
Repair and maintenance	144	164	8.4	9.6	8.9	10.6	5.0	2.7
Personal and laundry services	72	94	4.4	6.0	5.2	6.1	4.1	6.0
Membership associations and organizations	100	71	5.2	3.8	4.1	2.8	6.1	4.6
Private households	40	76	4.8	7.7	3.6	13.2	5.0	7.1
Agricultural and related private wage and salary workers	114	113	7.3	8.2	6.6	7.2	9.4	11.7
Government workers	645	749	3.2	3.8	2.8	3.2	3.6	4.2
Self-employed and unpaid family workers	249	270	2.4	2.5	2.6	2.5	2.1	2.5
No previous work experience	775	948	—	—	—	—	—	—

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

² 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	
	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
NUMBER OF UNEMPLOYED								
Total unemployed	8,693	9,319	3,626	4,119	3,495	3,584	1,573	1,615
Job losers and persons who completed temporary jobs	4,607	4,958	2,476	2,784	1,966	2,024	165	150
On temporary layoff	1,253	1,216	616	599	582	551	55	65
Not on temporary layoff	3,354	3,743	1,860	2,185	1,385	1,473	110	85
Permanent job losers	2,588	2,891	1,415	1,671	1,098	1,161	75	60
Persons who completed temporary jobs	766	852	445	514	286	312	34	25
Job leavers	860	814	368	374	387	330	106	110
Reentrants	2,451	2,599	712	848	1,031	1,075	708	676
New entrants	775	948	71	113	110	155	594	680
PERCENT DISTRIBUTION								
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	53.0	53.2	68.3	67.6	56.3	56.5	10.5	9.3
On temporary layoff	14.4	13.0	17.0	14.5	16.6	15.4	3.5	4.0
Not on temporary layoff	38.6	40.2	51.3	53.1	39.6	41.1	7.0	5.2
Job leavers	9.9	8.7	10.1	9.1	11.1	9.2	6.7	6.8
Reentrants	28.2	27.9	19.6	20.6	29.5	30.0	45.0	41.9
New entrants	8.9	10.2	1.9	2.7	3.2	4.3	37.8	42.1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers and persons who completed temporary jobs	3.2	3.4	3.3	3.7	3.1	3.1	1.8	1.7
Job leavers .....	.6	.6	.5	.5	.6	.5	1.2	1.3
Reentrants	1.7	1.8	1.0	1.1	1.6	1.7	7.7	7.8
New entrants .....	.5	.6	.1	.2	.2	.2	6.5	7.9

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 ¹		Black or African American ¹		Asian ¹		Hispanic or Latino ethnicity	
	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
NUMBER OF UNEMPLOYED								
Total unemployed	6,344	6,635	1,775	2,008	414	384	1,347	1,537
Job losers and persons who completed temporary jobs	3,487	3,682	864	948	191	190	698	855
On temporary layoff	993	961	198	192	42	21	202	206
Not on temporary layoff	2,494	2,721	667	756	150	169	496	649
Permanent job losers	1,979	2,091	465	578	122	140	345	452
Persons who completed temporary jobs	516	630	202	178	28	29	151	197
Job leavers	673	604	144	137	34	29	102	109
Reentrants	1,656	1,722	582	695	147	106	397	381
New entrants	527	628	185	229	42	59	149	192
PERCENT DISTRIBUTION								
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	55.0	55.5	48.7	47.2	46.2	49.4	51.8	55.6
On temporary layoff	15.7	14.5	11.1	9.5	10.1	5.5	15.0	13.4
Not on temporary layoff	39.3	41.0	37.6	37.6	36.1	43.9	36.8	42.2
Job leavers	10.6	9.1	8.1	6.8	8.3	7.5	7.6	7.1
Reentrants	26.1	26.0	32.8	34.6	35.4	27.7	29.5	24.8
New entrants	8.3	9.5	10.4	11.4	10.1	15.5	11.1	12.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers and persons who completed temporary jobs	2.9	3.0	5.2	5.6	2.9	3.1	3.8	4.5
Job leavers .....	.6	.5	.9	.8	.5	.5	.6	.6
Reentrants	1.4	1.4	3.5	4.1	2.2	1.7	2.2	2.0
New entrants .....	.4	.5	1.1	1.4	.6	1.0	.8	1.0

¹ 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	July 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	9,319	100.0	32.0	31.1	36.9	15.9	21.0
Job losers and persons who completed temporary jobs	4,958	100.0	32.4	27.9	39.7	17.1	22.5
On temporary layoff	1,216	100.0	53.1	34.1	12.8	6.7	6.1
Not on temporary layoff	3,743	100.0	25.7	25.9	48.4	20.5	27.9
Permanent job losers	2,891	100.0	22.8	25.5	51.7	22.1	29.7
Persons who completed temporary jobs	852	100.0	35.6	27.3	37.1	15.3	21.8
Job leavers	814	100.0	38.5	26.6	34.9	17.7	17.2
Reentrants	2,599	100.0	27.7	34.2	38.1	15.5	22.6
New entrants	948	100.0	36.2	43.3	20.5	8.7	11.8
Men, 20 years and over	4,119	100.0	29.6	27.6	42.8	17.6	25.2
Job losers and persons who completed temporary jobs	2,784	100.0	31.1	27.4	41.5	17.8	23.7
On temporary layoff	599	100.0	54.3	31.1	14.6	8.8	5.9
Not on temporary layoff	2,185	100.0	24.7	26.4	48.9	20.3	28.6
Permanent job losers	1,671	100.0	21.8	25.9	52.2	22.2	30.0
Persons who completed temporary jobs	514	100.0	34.1	27.8	38.1	14.1	24.0
Job leavers	374	100.0	35.9	24.6	39.4	17.2	22.2
Reentrants	848	100.0	21.1	30.0	48.9	17.2	31.7
New entrants	113	100.0	35.0	25.3	39.7	15.9	23.8
Women, 20 years and over	3,584	100.0	30.7	30.9	38.4	16.3	22.1
Job losers and persons who completed temporary jobs	2,024	100.0	31.3	29.9	38.8	16.8	22.0
On temporary layoff	551	100.0	48.1	40.4	11.5	5.2	6.3
Not on temporary layoff	1,473	100.0	25.0	26.0	49.0	21.1	27.9
Permanent job losers	1,161	100.0	22.2	25.3	52.4	21.8	30.6
Persons who completed temporary jobs	312	100.0	35.2	28.5	36.3	18.6	17.7
Job leavers	330	100.0	34.9	30.3	34.9	18.7	16.1
Reentrants	1,075	100.0	27.9	32.7	39.4	15.2	24.2
New entrants	155	100.0	33.8	31.6	34.6	12.6	22.0
Both sexes, 16 to 19 years	1,615	100.0	41.2	40.5	18.2	10.6	7.7
Job losers and persons who completed temporary jobs	150	100.0	72.9	10.7	16.4	9.4	7.0
On temporary layoff	65	100.0	(1)	(1)	(1)	(1)	(1)
Not on temporary layoff	85	100.0	63.2	12.5	24.3	16.6	7.7
Permanent job losers	60	100.0	(1)	(1)	(1)	(1)	(1)
Persons who completed temporary jobs	25	100.0	(1)	(1)	(1)	(1)	(1)
Job leavers	110	100.0	58.2	22.0	19.7	16.2	3.5
Reentrants	676	100.0	35.8	41.8	22.5	13.9	8.6
New entrants	680	100.0	37.0	48.9	14.1	6.6	7.5

¹ Data not shown where base is less than 75,000.

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

used in the household survey.

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	
	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
Total, 16 years and over	8,693	9,319	100.0	100.0	7,363	7,939	100.0	100.0
Less than 5 weeks	3,177	2,984	36.5	32.0	2,538	2,391	34.5	30.1
5 to 14 weeks	2,688	2,899	30.9	31.1	2,202	2,397	29.9	30.2
5 to 10 weeks	2,002	2,121	23.0	22.8	1,600	1,737	21.7	21.9
11 to 14 weeks	686	778	7.9	8.3	602	660	8.2	8.3
15 weeks and over	2,828	3,436	32.5	36.9	2,624	3,151	35.6	39.7
15 to 26 weeks	1,245	1,480	14.3	15.9	1,166	1,352	15.8	17.0
27 weeks and over	1,584	1,956	18.2	21.0	1,458	1,799	19.8	22.7
27 to 51 weeks	884	947	10.2	10.2	818	872	11.1	11.0
52 weeks and over	699	1,009	8.0	10.8	640	928	8.7	11.7
Average (mean) duration, in weeks	15.9	18.4	—	—	16.9	19.6	—	—
Median duration, in weeks	8.1	9.2	—	—	8.9	10.0	—	—

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	July 2003							
	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		
TOTAL								
Total, 16 years and over	9,319	2,984	2,899	3,436	1,480	1,956	18.4	9.2
16 to 19 years	1,615	666	655	294	171	124	10.5	5.5
20 to 24 years	1,585	528	525	532	256	276	16.7	8.9
25 to 34 years	1,965	634	595	736	340	396	17.7	9.6
35 to 44 years	1,872	504	503	865	324	541	22.9	12.4
45 to 54 years	1,349	409	366	575	228	347	21.3	11.1
55 to 64 years	760	183	203	373	135	238	25.1	14.1
65 years and over	172	60	52	60	27	34	16.4	8.6
Men, 16 years and over	5,021	1,590	1,483	1,948	830	1,118	19.4	9.6
16 to 19 years	902	372	346	184	106	78	11.4	5.4
20 to 24 years	894	298	291	306	134	172	17.8	8.8
25 to 34 years	1,072	363	290	419	202	217	18.1	9.9
35 to 44 years	953	228	250	475	164	311	24.9	14.4
45 to 54 years	690	199	187	304	117	187	22.5	12.0
55 to 64 years	412	89	98	225	92	132	26.1	17.3
65 years and over	98	40	22	36	15	21	16.6	10.1
Women, 16 years and over	4,298	1,394	1,415	1,488	650	838	17.3	8.8
16 to 19 years	713	294	309	110	65	45	9.3	5.5
20 to 24 years	691	230	234	227	122	104	15.3	8.9
25 to 34 years	893	271	304	317	138	180	17.2	9.4
35 to 44 years	920	276	253	391	160	231	20.7	10.4
45 to 54 years	660	210	179	271	111	160	20.1	10.3
55 to 64 years	348	94	105	148	43	105	24.0	11.6
65 years and over	74	21	30	24	12	13	(¹)	(¹)
Race and Hispanic or Latino ethnicity								
White, 16 years and over ²	6,635	2,308	2,025	2,301	1,002	1,300	17.4	8.5
Men	3,700	1,278	1,040	1,382	603	779	18.3	9.0
Women	2,935	1,030	985	920	399	521	16.3	8.0
Black or African American, 16 years and over ²	2,008	481	645	882	392	491	21.4	12.1
Men	960	217	314	429	185	244	23.3	12.5
Women	1,048	264	331	453	207	246	19.7	11.7
Asian, 16 years and over ²	384	110	126	148	44	104	19.2	9.2
Men	199	48	72	80	22	58	18.8	9.2
Women	185	62	54	68	22	46	19.7	9.3
Hispanic or Latino ethnicity, 16 years and over	1,537	578	480	480	248	233	15.0	8.1
Men	858	343	251	264	131	133	15.0	7.9
Women	679	234	229	216	117	99	15.1	8.3
Marital status								
Men, 16 years and over:								
Married, spouse present	1,679	504	438	737	286	452	21.7	11.7
Widowed, divorced, or separated	650	203	197	249	111	138	19.3	10.6
Never married	2,692	882	848	961	434	528	18.0	8.4
Women, 16 years and over:								
Married, spouse present	1,498	465	453	581	241	339	18.3	9.7
Widowed, divorced, or separated	957	271	305	381	152	228	20.9	10.0
Never married	1,842	658	657	527	256	270	14.7	7.6

¹ Data not shown where base is less than 75,000.

² 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	July 2003							
	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		
OCCUPATION								
Management, professional, and related occupations	1,800	515	570	714	235	479	21.4	9.9
Management, business, and financial operations occupations	682	168	201	314	80	234	23.9	13.0
Professional and related occupations	1,118	348	370	400	155	246	19.9	8.6
Service occupations	1,633	586	510	536	288	248	15.4	8.4
Sales and office occupations	2,159	625	616	918	428	490	19.8	10.8
Sales and related occupations	1,038	316	318	404	209	195	17.9	10.2
Office and administrative support occupations	1,122	309	298	514	219	295	21.4	11.8
Natural resources, construction, and maintenance occupations	1,093	351	363	379	148	230	17.1	9.2
Farming, fishing, and forestry occupations	113	29	36	47	21	26	16.9	12.1
Construction and extraction occupations	692	250	208	234	85	149	17.0	8.4
Installation, maintenance, and repair occupations	288	72	118	97	42	55	17.3	10.1
Production, transportation, and material moving occupations ..	1,663	553	422	687	298	389	20.4	10.4
Production occupations	868	292	209	367	169	199	20.3	11.4
Transportation and material moving occupations	795	262	213	320	130	190	20.4	9.6
INDUSTRY ¹								
Agriculture and related industries	120	27	41	52	18	34	17.7	12.3
Mining	43	8	11	23	7	17	(²)	(²)
Construction	688	240	203	246	103	144	16.3	8.6
Manufacturing	1,194	353	263	578	220	358	24.1	13.7
Durable goods	800	242	162	396	140	257	24.8	14.3
Nondurable goods	394	111	101	182	80	102	22.7	12.8
Wholesale and retail trade	1,394	441	397	556	270	286	18.8	10.1
Transportation and utilities	316	108	74	134	77	57	16.7	9.7
Information	224	50	50	124	54	70	24.6	16.9
Financial activities	296	70	100	125	50	76	20.5	11.5
Professional and business services	1,048	254	312	482	188	293	22.5	12.7
Education and health services	1,141	415	427	299	135	165	14.6	7.2
Leisure and hospitality	1,052	350	370	333	157	176	16.0	7.9
Other services	405	166	111	128	67	62	15.0	8.5
Public administration	156	53	39	64	34	30	19.9	10.6
No previous work experience	948	343	410	195	83	112	12.9	6.0

¹ Includes wage and salary workers only.² 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			
	July 2002	July 2003	16 to 24 years		25 to 54 years		55 years and over		Men		Women	
			July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
Total not in the labor force	71,441	73,430	10,786	11,755	21,080	21,403	39,576	40,273	25,906	27,184	45,535	46,246
Do not want a job now ¹	66,520	68,475	9,016	10,001	18,853	19,166	38,652	39,308	23,785	24,926	42,735	43,549
Want a job ¹	4,921	4,955	1,770	1,754	2,227	2,237	924	964	2,121	2,258	2,801	2,697
Did not search for work in previous year	2,891	2,880	934	957	1,248	1,218	709	705	1,139	1,214	1,752	1,666
Searched for work in previous year ²	2,031	2,075	837	797	979	1,018	215	260	982	1,044	1,049	1,031
Not available to work now	524	509	195	215	261	245	68	49	220	217	304	293
Available to work now	1,507	1,566	642	582	718	773	147	211	762	828	745	738
Reason not currently looking:												
Discouragement over job prospects ³	405	470	162	183	209	218	33	69	250	281	154	189
Reasons other than discouragement	1,102	1,096	480	399	509	555	114	142	512	546	591	550
Family responsibilities	153	177	51	50	85	95	17	32	36	59	118	118
In school or training	154	124	127	75	24	48	3	—	82	67	72	56
Ill health or disability	101	144	7	23	65	80	29	40	40	76	61	68
Other ⁴	694	652	295	251	335	331	65	70	353	345	341	307

¹ Includes some persons who are not asked if they want a job.

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

³ 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.

⁴ 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 ¹		Number		Rate ¹		Number		Rate ¹	
	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003	July 2002	July 2003
AGE												
Total, 16 years and over ²	7,247	7,304	5.3	5.3	3,748	3,837	5.1	5.2	3,499	3,467	5.5	5.4
16 to 19 years	449	453	5.9	6.4	178	211	4.6	6.0	272	242	7.3	6.9
20 years and over	6,797	6,851	5.2	5.2	3,570	3,626	5.1	5.1	3,227	3,225	5.4	5.3
20 to 24 years	765	777	5.5	5.6	350	338	4.8	4.6	414	440	6.3	6.7
25 years and over	6,033	6,073	5.2	5.2	3,220	3,288	5.1	5.2	2,813	2,785	5.3	5.1
25 to 54 years	5,214	5,117	5.4	5.3	2,770	2,754	5.3	5.3	2,445	2,363	5.6	5.3
55 years and over	818	957	4.1	4.6	450	535	4.1	4.8	368	422	4.1	4.4
55 to 64 years	689	811	4.4	5.0	372	457	4.4	5.3	317	353	4.4	4.6
65 years and over	130	146	3.0	3.3	78	78	3.2	3.1	51	68	2.8	3.5
RACE AND HISPANIC OR LATINO ETHNICITY												
White ³	6,245	6,230	5.4	5.4	3,251	3,274	5.2	5.2	2,994	2,956	5.8	5.7
Black or African American ³	713	695	4.8	4.7	349	371	4.9	5.4	365	323	4.7	4.1
Asian ³	234	202	3.7	3.5	116	95	3.4	3.1	118	107	4.1	3.9
Hispanic or Latino ethnicity	619	567	3.7	3.3	352	341	3.5	3.3	267	226	3.9	3.3
MARITAL STATUS												
Married, spouse present	3,771	3,935	4.9	5.0	2,268	2,430	5.1	5.4	1,502	1,505	4.5	4.4
Widowed, divorced, or separated	1,337	1,283	6.2	6.0	499	421	5.5	4.8	838	862	6.6	6.8
Never married	2,139	2,086	5.6	5.4	981	986	4.7	4.7	1,158	1,100	6.7	6.3
FULL- OR PART-TIME STATUS												
Primary job full time, secondary job part time	3,808	3,620	—	—	2,199	2,108	—	—	1,609	1,512	—	—
Primary and secondary jobs both part time	1,572	1,614	—	—	472	492	—	—	1,100	1,122	—	—
Primary and secondary jobs both full time	321	324	—	—	216	251	—	—	104	73	—	—
Hours vary on primary or secondary job	1,484	1,688	—	—	834	944	—	—	650	743	—	—

¹ Multiple jobholders as a percent of all employed persons in specified group.² 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.³ 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	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:															
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.	130,062	108,536	22,119	564	6,760	14,795	107,943	25,321	3,303	7,956	15,989	16,483	12,043	5,322	21,526
May	129,986	108,502	22,098	566	6,786	14,746	107,888	25,282	3,294	7,971	16,002	16,509	12,026	5,320	21,484
June ^p	129,914	108,431	22,049	568	6,798	14,683	107,865	25,236	3,287	7,977	16,008	16,504	12,047	5,323	21,483
July ^p	129,870	108													

¹Data 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.

^p= preliminary.

NOTE: Establishment survey estimates are currently projected from March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May 2004 estimates, all unadjusted data (beginning April 2002) and all seasonally adjusted

data (beginning January 1999) are subject to revision. The 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 with the SIC-based data.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

B-2. Average hours and earnings of production or nonsupervisory workers¹ 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	\$2.53	\$97.41	40.3	\$2.53	\$101.96	43.4	\$2.76	\$119.78	37.7	\$3.08	\$116.12
1965	38.6	2.63	101.52	40.7	2.63	107.04	43.7	2.87	125.42	37.9	3.23	122.42
1966	38.5	2.73	105.11	40.9	2.74	112.07	44.1	3.00	132.30	38.1	3.41	129.92
1967	37.9	2.85	108.02	40.3	2.87	115.66	43.9	3.14	137.85	38.1	3.63	138.30
1968	37.7	3.02	113.85	40.3	3.07	123.72	44.0	3.30	145.20	37.8	3.92	148.18
1969	37.5	3.22	120.75	40.3	3.29	132.59	44.3	3.54	156.82	38.4	4.30	165.12
1970	37.0	3.40	125.80	39.6	3.52	139.39	43.9	3.77	165.50	37.8	4.74	179.17
1971	36.8	3.63	133.58	39.5	3.79	149.71	43.7	3.99	174.36	37.6	5.17	194.39
1972	36.9	3.90	143.91	39.9	4.06	161.99	44.0	4.28	188.32	37.0	5.55	205.35
1973	36.9	4.14	152.77	40.1	4.34	174.03	43.8	4.59	201.04	37.2	5.89	219.11
1974	36.4	4.43	161.25	39.6	4.69	185.72	43.7	5.09	222.43	37.1	6.29	233.36
1975	36.0	4.73	170.28	39.1	5.11	199.80	43.7	5.68	248.22	36.9	6.78	250.18
1976	36.1	5.06	182.67	39.7	5.49	217.95	44.2	6.19	273.60	37.3	7.17	267.44
1977	35.9	5.44	195.30	39.9	5.94	237.01	44.7	6.70	299.49	37.0	7.56	279.72
1978	35.8	5.87	210.15	40.0	6.48	259.20	44.9	7.44	334.06	37.3	8.11	302.50
1979	35.6	6.33	225.35	39.8	7.04	280.19	44.7	8.20	366.54	37.5	8.71	326.63
1980	35.2	6.84	240.77	39.5	7.66	302.57	44.9	8.97	402.75	37.5	9.37	351.38
1981	35.2	7.43	261.54	39.6	8.41	333.04	45.1	9.89	446.04	37.4	10.24	382.98
1982	34.7	7.86	272.74	38.8	9.00	349.20	44.1	10.64	469.22	37.2	11.04	410.69
1983	34.9	8.19	285.83	39.8	9.32	370.94	43.9	11.14	489.05	37.6	11.36	427.14
1984	35.1	8.48	297.65	40.3	9.67	389.70	44.6	11.54	514.68	38.2	11.56	441.59
1985	34.9	8.73	304.68	40.1	10.01	401.40	44.6	11.87	529.40	38.2	11.75	448.85
1986	34.7	8.92	309.52	40.1	10.20	409.02	43.6	12.14	529.30	37.9	11.92	451.77
1987	34.7	9.13	316.81	40.4	10.39	419.76	43.5	12.17	529.40	38.2	12.15	464.13
1988	34.6	9.43	326.28	40.4	10.69	431.88	43.3	12.45	539.09	38.2	12.52	478.26
1989	34.5	9.80	338.10	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:												
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.	33.4	15.31	511.35	39.3	16.66	654.74	43.1	17.76	765.46	37.6	18.83	708.01
May	33.7	15.31	515.95	39.8	16.71	665.06	43.9	17.47	766.93	38.8	18.85	731.38
June ^P	34.1	15.34	523.09	40.1	16.78	672.88	44.2	17.54	775.27	39.0	18.90	737.10
July ^P	33.7	15.32	516.28	39.4	16.86	664.28	43.0	17.59	756.37	39.0	19.01	741.39

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

B-2. Average hours and earnings of production or nonsupervisory workers¹ 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:												
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.	39.9	15.63	14.90	623.64	40.2	16.30	15.55	655.26	39.5	14.57	13.88	575.52
May	40.2	15.64	14.90	628.73	40.6	16.33	15.55	663.00	39.6	14.56	13.88	576.58
June ^a	40.5	15.69	14.93	635.45	41.0	16.40	15.58	672.40	39.8	14.58	13.90	580.28
July ^a	39.6	15.70	14.96	621.72	39.9	16.30	15.56	650.37	39.1	14.76	14.04	577.12

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

B-2. Average hours and earnings of production or nonsupervisory workers¹ 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	\$2.53	\$94.88	39.7	\$2.85	\$113.15	38.2	\$4.35	\$166.17	37.2	\$2.29	\$85.19
1965	37.3	2.63	98.10	39.6	2.94	116.42	38.3	4.47	171.20	37.1	2.38	88.30
1966	36.9	2.73	100.74	39.1	3.04	118.86	38.3	4.56	174.65	37.2	2.47	91.88
1967	36.4	2.84	103.38	38.5	3.15	121.28	37.6	4.68	175.97	36.9	2.58	95.20
1968	36.1	2.99	107.94	38.2	3.32	126.82	37.6	4.85	182.36	36.8	2.75	101.20
1969	35.9	3.17	113.80	37.9	3.48	131.89	37.6	5.05	189.88	36.9	2.92	107.75
1970	35.5	3.33	118.22	37.6	3.65	137.24	37.2	5.25	195.30	36.6	3.07	112.36
1971	35.3	3.53	124.61	37.4	3.86	144.36	37.0	5.53	204.61	36.4	3.23	117.57
1972	35.2	3.81	134.11	37.4	4.23	158.20	37.3	5.87	218.95	36.4	3.37	122.67
1973	35.1	4.01	140.75	37.2	4.45	165.54	37.3	6.17	230.14	36.4	3.55	129.22
1974	34.8	4.28	148.94	36.8	4.74	174.43	37.0	6.52	241.24	36.3	3.80	137.94
1975	34.5	4.54	156.63	36.4	5.02	182.73	36.6	6.92	253.27	36.2	4.08	147.70
1976	34.3	4.82	165.33	36.3	5.31	192.75	36.7	7.37	270.48	36.2	4.30	155.66
1977	34.1	5.16	175.96	36.0	5.67	204.12	36.8	7.84	288.51	36.2	4.58	165.80
1978	33.8	5.55	187.59	35.6	6.10	217.16	36.8	8.34	306.91	36.1	4.93	177.97
1979	33.6	5.95	199.92	35.4	6.55	231.87	36.6	8.86	324.28	35.9	5.31	190.63
1980	33.4	6.42	214.43	35.0	7.04	246.40	36.3	9.47	343.76	36.0	5.82	209.52
1981	33.3	6.94	231.10	34.9	7.55	263.50	36.3	10.21	370.62	36.0	6.34	228.24
1982	33.2	7.35	244.02	34.6	7.91	273.69	35.8	10.76	385.21	36.0	6.82	245.52
1983	33.2	7.70	255.64	34.6	8.23	284.76	36.2	11.18	404.72	35.9	7.32	262.79
1984	33.2	7.95	263.94	34.7	8.45	293.22	36.6	11.50	420.90	36.2	7.65	276.93
1985	33.0	8.17	269.61	34.4	8.60	295.84	36.5	11.81	431.07	36.1	7.97	287.72
1986	32.9	8.38	275.70	34.1	8.74	298.03	36.4	12.08	439.71	36.1	8.37	302.16
1987	32.8	8.62	282.74	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	9.31	303.51	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:												
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.	32.2	14.94	481.07	33.2	14.31	475.09	35.9	20.98	753.18	35.2	16.93	595.94
May	32.3	14.92	481.92	33.4	14.28	476.95	36.1	21.01	758.46	35.3	16.97	599.04
June ^a	32.8	14.95	490.36	34.0	14.33	487.22	36.8	21.03	773.90	36.2	17.19	622.28
July ^b	32.5	14.90	484.25	33.8	14.31	483.68	36.4	21.00	764.40	35.2	17.26	607.55

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

B-2. Average hours and earnings of production or nonsupervisory workers¹ 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	\$1.06	\$34.77	36.3	\$1.14	\$41.38
1965	37.3	3.28	122.34	35.2	2.12	74.62	32.5	1.14	37.05	36.1	1.25	45.13
1966	37.0	3.39	125.43	34.9	2.23	77.83	31.9	1.23	39.24	35.8	1.37	49.05
1967	36.6	3.51	128.47	34.5	2.36	81.42	31.3	1.34	41.94	35.4	1.49	52.75
1968	36.3	3.65	132.50	34.1	2.49	84.91	30.8	1.49	45.89	35.0	1.62	56.70
1969	36.3	3.84	139.39	34.1	2.68	91.39	30.4	1.64	49.86	35.0	1.81	63.35
1970	35.9	4.04	145.04	33.8	2.88	97.34	30.0	1.78	53.40	34.7	2.01	69.75
1971	35.5	4.26	151.23	33.3	3.11	103.56	29.9	1.90	56.81	34.2	2.24	76.61
1972	35.5	4.50	159.75	33.3	3.33	110.89	29.7	2.03	60.29	34.2	2.46	84.13
1973	35.5	4.72	167.56	33.3	3.54	117.88	29.4	2.15	63.21	34.1	2.67	91.05
1974	35.3	5.01	176.85	33.1	3.82	126.44	29.1	2.34	68.09	33.9	2.95	100.01
1975	35.1	5.29	185.68	33.0	4.09	134.97	28.8	2.52	72.58	33.8	3.21	108.50
1976	34.9	5.60	195.44	32.7	4.39	143.55	28.5	2.71	77.24	33.6	3.51	117.94
1977	34.7	5.95	206.47	32.5	4.72	153.40	28.1	2.96	83.18	33.4	3.84	128.26
1978	34.6	6.32	218.67	32.3	5.07	163.76	27.7	3.25	90.03	33.2	4.19	139.11
1979	34.4	6.71	230.82	32.2	5.44	175.17	27.4	3.54	97.00	33.0	4.56	150.48
1980	34.3	7.22	247.65	32.1	5.93	190.35	27.0	3.89	105.03	33.0	5.05	166.65
1981	34.3	7.80	267.54	32.1	6.49	208.33	26.9	4.26	114.59	33.0	5.61	185.13
1982	34.2	8.30	283.86	32.1	7.00	224.70	26.8	4.52	121.14	33.0	6.11	201.63
1983	34.4	8.70	299.28	32.1	7.39	237.22	26.8	4.76	127.57	33.0	6.51	214.83
1984	34.3	8.98	308.01	32.0	7.67	245.44	26.7	4.87	130.03	32.9	6.79	223.39
1985	34.2	9.28	317.38	31.9	7.98	254.56	26.4	4.98	131.47	32.8	7.10	232.88
1986	34.3	9.55	327.57	32.0	8.25	264.00	26.2	5.07	132.83	32.9	7.38	242.80
1987	34.3	9.85	337.86	32.0	8.57	274.24	26.3	5.17	135.97	32.8	7.69	252.23
1988	34.2	10.22	349.52	32.0	8.96	286.72	26.3	5.37	141.23	32.9	8.08	265.83
1989	34.2	10.69	365.60	32.0	9.46	302.72	26.1	5.62	146.68	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:												
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.	34.0	17.21	585.14	32.3	15.56	502.59	25.3	8.69	219.86	31.6	13.99	442.08
May	34.0	17.18	584.12	32.3	15.58	503.23	25.5	8.72	222.36	31.7	13.99	443.48
June ^p	34.6	17.25	596.85	32.7	15.62	510.77	26.1	8.70	227.07	32.0	13.97	447.04
July ^p	34.0	17.08	580.72	32.5	15.70	510.25	26.2	8.66	226.89	31.8	13.89	441.70

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

^p= preliminary.

NOTE: Establishment survey estimates are currently projected from March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May

2004 estimates, all unadjusted data from April 2002 forward are subject to revision. The 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 with the SIC-based data.

**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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Total nonfarm	130,204	130,224	130,289	130,408	130,409	130,198	130,356	130,235	130,084	130,062	129,986	129,914	129,870
Total private	108,756	108,745	108,763	108,864	108,869	108,642	108,780	108,647	108,537	108,536	108,502	108,431	108,397
Goods-producing	22,588	22,527	22,497	22,435	22,409	22,323	22,288	22,191	22,159	22,119	22,098	22,049	21,982
Natural resources and mining	576	575	573	572	573	572	568	569	565	564	566	568	566
Logging	67.9	67.3	67.5	66.7	67.6	67.9	67.1	66.6	64.6	64.3	64.8	65.7	64.6
Mining	508.0	508.1	505.7	505.7	505.0	503.6	500.5	502.1	500.4	499.8	501.4	502.7	501.5
Oil and gas extraction	122.0	122.0	121.4	121.5	122.0	121.6	122.1	121.8	122.9	124.4	125.2	126.0	127.0
Mining, except oil and gas ¹	210.9	210.6	210.7	209.7	209.3	208.1	206.9	206.3	206.9	207.5	208.2	208.8	208.4
Coal mining	74.4	74.4	74.3	73.6	73.8	73.3	72.2	72.3	72.3	72.7	72.6	73.1	73.2
Support activities for mining	175.1	175.5	173.6	174.5	173.7	173.9	171.5	174.0	170.6	167.9	168.0	167.9	166.1
Construction	6,703	6,719	6,728	6,720	6,745	6,731	6,738	6,700	6,720	6,760	6,786	6,798	6,804
Construction of buildings	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	1,615.8	1,615.0	1,610.9	1,608.1
Heavy and civil engineering construction	922.8	921.0	919.3	918.1	915.2	915.3	916.8	912.5	895.0	898.4	902.8	904.7	908.6
Specialty trade contractors	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	4,245.5	4,267.8	4,282.1	4,287.6
Manufacturing	15,309	15,233	15,196	15,143	15,091	15,020	14,982	14,922	14,874	14,795	14,746	14,683	14,612
Durable goods	9,516	9,472	9,435	9,400	9,362	9,316	9,282	9,236	9,203	9,147	9,114	9,076	9,022
Wood products	556.0	556.0	554.5	554.2	552.3	548.1	549.2	548.5	544.4	546.0	544.9	540.9	541.5
Nonmetallic mineral products	518.8	518.1	517.9	516.1	513.6	510.8	507.9	505.9	506.7	504.8	505.1	505.3	501.7
Primary metals	510.1	509.1	507.5	504.4	503.3	499.7	500.1	496.5	494.7	491.1	486.4	480.6	475.4
Fabricated metal products	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	1,489.4	1,482.3	1,475.5	1,467.4
Machinery	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	1,187.4	1,181.2	1,175.9	1,170.9
Computer and electronic products ¹	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	1,423.6	1,413.0	1,405.1	1,394.3
Computer and peripheral equipment	248.2	243.9	243.3	242.0	241.8	241.0	234.4	230.9	229.8	230.5	226.7	226.0	219.7
Communications equipment	189.0	187.1	186.0	185.5	182.0	180.1	177.6	177.8	176.5	175.5	174.4	173.3	172.0
Semiconductors and electronic components	531.1	525.5	519.2	513.9	507.6	503.7	498.8	496.0	494.1	492.0	487.7	485.1	482.7
Electronic instruments	448.8	447.2	445.8	444.1	442.5	441.3	441.4	438.7	436.5	433.5	431.5	429.3	427.8
Electrical equipment and appliances	500.4	494.9	492.0	489.1	486.8	485.2	482.4	479.8	477.5	474.8	469.3	468.2	466.1
Transportation equipment	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	1,771.9	1,777.6	1,773.1	1,757.3
Furniture and related products	609.0	604.3	599.8	596.9	594.2	589.1	587.0	582.9	582.0	576.4	576.4	575.2	576.2
Miscellaneous manufacturing	692.2	691.4	690.9	688.3	691.1	687.9	686.0	684.5	683.0	682.0	677.8	676.0	671.4
Nondurable goods	5,793	5,761	5,761	5,743	5,729	5,704	5,700	5,686	5,671	5,648	5,632	5,607	5,590
Food manufacturing	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	1,512.3	1,512.4	1,511.9	1,511.9
Beverages and tobacco products	206.0	205.0	205.3	203.1	200.2	200.2	199.0	198.2	196.1	194.6	195.4	194.9	196.1
Textile mills	294.2	291.3	289.6	287.5	286.8	284.9	285.2	283.7	281.6	277.8	272.7	269.7	262.8
Textile product mills	196.1	195.6	195.2	195.4	194.9	193.7	191.7	192.6	192.6	190.6	188.7	187.6	185.6
Apparel	357.9	354.2	352.0	346.7	343.2	337.2	331.8	325.9	322.1	318.4	313.2	306.8	297.5
Leather and allied products	51.5	48.9	48.7	48.6	47.7	47.3	46.7	46.0	45.8	44.8	44.4	43.3	43.5
Paper and paper products	549.5	548.9	547.7	545.6	544.6	541.5	539.7	538.5	535.1	534.1	531.9	530.5	528.0
Printing and related support activities	709.4	704.2	702.4	701.3	697.5	689.8	694.5	694.0	696.4	694.8	695.3	694.0	693.4
Petroleum and coal products	118.7	118.6	119.2	118.7	119.4	119.7	120.4	120.4	120.3	119.2	119.3	118.5	118.1
Chemicals	928.4	926.7	930.5	925.1	924.7	925.8	926.0	924.2	922.5	921.7	920.6	917.9	918.1
Plastics and rubber products	860.8	853.3	852.2	851.0	850.1	845.4	848.0	847.4	845.1	839.2	837.7	831.9	834.9
Service-providing	107,616	107,697	107,792	107,973	108,000	107,875	108,068	108,044	107,925	107,943	107,888	107,865	107,888
Private service-providing	86,168	86,218	86,266	86,429	86,460	86,319	86,492	86,456	86,378	86,417	86,404	86,382	86,415
Trade, transportation, and utilities	25,513	25,458	25,430	25,439	25,406	25,378	25,376	25,346	25,338	25,321	25,282	25,236	25,192
Wholesale trade	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	5,590.8	5,582.0	5,570.9	5,556.6
Durable goods	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	2,957.7	2,952.2	2,946.4	2,938.4
Nondurable goods	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	2,013.7	2,009.9	2,005.9	2,002.2
Electronic markets and agents and brokers	618.2	617.6	616.2	618.0	616.3	615.6	616.6	618.5	619.2	619.8	619.9	618.6	616.0

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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Retail trade	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	14,999.6	14,979.0	14,959.4	14,945.1
Motor vehicle and parts dealers ¹	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	1,875.4	1,879.2	1,880.3	1,883.7
Automobile dealers	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	1,242.0	1,244.3	1,246.3	1,249.1
Furniture and home furnishings stores	540.2	541.8	543.5	546.8	548.7	548.4	549.9	552.0	547.6	549.2	545.4	547.5	546.1
Electronics and appliance stores	527.0	525.0	524.6	526.4	529.3	529.8	531.6	526.9	524.8	525.2	523.8	522.8	520.0
Building material and garden supply stores	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	1,189.0	1,188.5	1,193.3	1,193.3
Food and beverage stores	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	2,822.0	2,822.5	2,810.7	2,798.6
Health and personal care stores	947.0	947.7	949.7	949.2	949.5	952.5	956.8	960.1	962.6	966.2	965.7	968.3	967.8
Gasoline stations	902.9	902.2	903.6	903.6	903.7	904.2	905.2	905.0	907.1	910.9	908.8	907.5	902.3
Clothing and clothing accessories stores	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	1,288.3	1,280.7	1,275.8	1,274.7
Sporting goods, hobby, book, and music stores	665.6	662.7	657.8	655.3	650.1	637.8	653.5	652.6	650.8	646.3	645.2	641.8	641.0
General merchandise stores ¹	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	2,835.8	2,833.1	2,827.7	2,831.7
Department stores	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	1,695.5	1,690.3	1,686.7	1,683.9
Miscellaneous store retailers	962.1	961.0	960.8	960.8	957.2	954.6	952.4	949.1	949.8	948.6	944.1	941.9	939.7
Nonstore retailers	446.0	446.7	445.9	443.1	443.0	445.9	440.0	444.4	442.6	442.7	442.0	441.8	446.2
Transportation and warehousing	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	4,136.3	4,128.5	4,116.1	4,100.6
Air transportation	564.0	561.1	559.0	556.3	556.3	553.9	551.3	545.8	537.3	525.6	516.4	507.9	499.4
Rail transportation	216.1	216.3	215.5	215.1	216.8	216.3	215.7	215.3	215.3	216.5	216.1	217.4	217.2
Water transportation	50.7	50.8	50.4	50.4	50.3	50.3	50.6	50.5	50.1	49.9	50.3	50.2	50.3
Truck transportation	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	1,324.4	1,324.4	1,327.1	1,325.2
Transit and ground passenger transportation	377.4	372.7	364.7	365.1	363.3	360.8	358.0	357.5	351.9	353.0	350.4	348.5	347.8
Pipeline transportation	41.1	40.7	40.5	40.4	40.2	40.2	40.0	39.8	40.2	40.3	40.3	39.9	40.2
Scenic and sightseeing transportation	26.7	26.9	26.7	26.2	25.7	25.6	24.0	25.6	27.1	28.5	29.1	29.4	29.1
Support activities for transportation	528.2	527.6	525.1	528.1	528.2	531.2	527.7	527.9	525.9	522.7	527.8	523.9	520.9
Couriers and messengers	559.0	556.8	558.6	557.5	556.3	545.0	561.4	558.9	563.3	561.6	560.8	560.9	560.4
Warehousing and storage	511.3	514.6	517.5	519.3	518.6	515.5	518.3	521.1	514.6	513.8	512.9	510.9	510.1
Utilities	600.5	600.0	600.1	600.6	598.3	597.3	596.4	595.9	595.3	594.6	592.3	589.4	589.5
Information	3,410	3,401	3,383	3,392	3,382	3,353	3,328	3,308	3,305	3,303	3,294	3,287	3,279
Publishing industries, except Internet	967.6	966.9	965.1	964.7	962.6	962.2	954.0	955.3	953.5	950.8	947.2	944.9	942.0
Motion picture and sound recording industries	386.0	387.1	384.0	394.7	394.3	381.6	377.8	367.0	369.3	371.1	373.4	373.2	374.7
Broadcasting, except Internet	333.2	332.0	330.5	330.3	331.0	332.1	327.2	325.0	325.7	325.0	324.4	323.8	322.2
Internet publishing and broadcasting	34.3	34.9	33.9	34.2	33.0	32.9	33.0	33.3	33.6	33.8	33.5	34.6	35.6
Telecommunications	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	1,145.0	1,138.1	1,132.9	1,128.4
ISPs, search portals, and data processing	445.2	444.5	443.1	444.0	439.1	435.8	430.3	429.5	430.4	431.3	431.4	432.3	431.1
Other information services	47.8	47.2	46.3	46.5	46.9	45.8	46.5	46.3	46.0	46.0	45.5	45.2	45.4
Financial activities	7,830	7,830	7,851	7,872	7,880	7,889	7,902	7,916	7,930	7,956	7,971	7,977	7,984
Finance and insurance	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	5,912.0	5,923.2	5,926.1	5,927.7
Monetary authorities - central bank	23.2	23.1	23.0	22.9	23.0	22.7	22.7	22.3	22.3	22.2	22.2	22.1	22.1
Credit intermediation and related activities ¹	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	2,765.8	2,781.8	2,785.1	2,790.3
Depository credit intermediation ¹	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	1,764.4	1,767.9	1,768.8	1,770.4
Commercial banking	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	1,300.6	1,302.4	1,302.1	1,302.5
Securities, commodity contracts, investments	797.2	795.7	797.6	796.9	798.2	799.4	802.3	803.1	799.3	798.8	796.9	797.6	796.8
Insurance carriers and related activities	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	2,241.8	2,239.4	2,239.1	2,236.7
Funds, trusts, and other financial vehicles	85.2	84.4	84.7	85.1	84.4	84.1	84.0	84.0	84.1	83.4	82.9	82.2	81.8
Real estate and rental and leasing	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	2,044.2	2,047.8	2,050.9	2,055.9
Real estate	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	1,366.4	1,367.3	1,366.8	1,371.1

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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Financial activities-Continued													
Rental and leasing services	656.9	655.7	652.1	648.9	644.9	645.8	648.7	646.7	647.0	649.4	651.4	654.8	655.4
Lessors of nonfinancial intangible assets	29.0	28.0	27.6	27.8	27.0	26.8	26.7	27.0	27.8	28.4	29.1	29.3	29.4
Professional and business services	15,973	16,008	16,008	16,036	16,014	15,972	16,015	16,043	15,980	15,989	16,002	16,008	16,081
Professional and technical services ¹	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	6,742.2	6,698.1	6,675.0	6,654.6
Legal services	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	1,127.5	1,125.6	1,125.7	1,124.0
Accounting and bookkeeping services	867.3	873.1	876.4	882.7	884.3	872.6	910.6	941.2	913.5	899.3	866.0	846.0	848.4
Architectural and engineering services	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	1,242.9	1,241.4	1,236.4	1,240.0
Computer systems design and related services	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	1,151.9	1,146.6	1,143.5	1,131.6
Management and technical consulting services	723.6	735.8	736.1	734.0	733.4	739.8	734.8	736.2	735.5	732.9	734.0	731.6	731.3
Management of companies and enterprises	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	1,697.0	1,696.0	1,689.9	1,692.4
Administrative and waste services	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	7,549.4	7,608.3	7,643.5	7,733.5
Administrative and support services ¹	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	7,230.5	7,288.6	7,325.6	7,410.8
Employment services ¹	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	3,242.2	3,291.7	3,331.4	3,404.5
Temporary help services	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	2,131.2	2,177.6	2,211.3	2,253.2
Business support services	745.8	743.0	742.8	749.1	755.8	757.0	746.0	743.8	746.5	748.1	747.9	746.5	744.6
Services to buildings and dwellings	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	1,587.4	1,596.3	1,600.6	1,611.9
Waste management and remediation services	317.3	316.6	313.7	314.8	311.9	316.1	317.4	315.8	315.5	318.9	319.7	317.9	322.7
Education and health services	16,194	16,241	16,273	16,315	16,357	16,373	16,405	16,430	16,452	16,483	16,509	16,504	16,503
Educational services	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	2,708.8	2,718.1	2,686.2	2,683.3
Health care and social assistance	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	13,774.2	13,790.7	13,817.6	13,819.5
Ambulatory health care services ¹	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	4,753.7	4,764.8	4,782.1	4,789.9
Offices of physicians	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	2,041.7	2,045.9	2,051.4	2,056.4
Outpatient care centers	409.3	409.5	411.1	412.2	412.3	412.2	412.0	411.8	412.1	412.8	413.1	416.0	413.7
Home health care services	672.3	674.5	681.9	687.9	689.6	693.0	694.2	693.0	698.6	702.9	705.3	710.1	713.5
Hospitals	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	4,214.0	4,218.1	4,227.2	4,228.1
Nursing and residential care facilities ¹	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	2,784.4	2,787.9	2,790.4	2,784.8
Nursing care facilities	1,573.4	1,575.0	1,579.6	1,580.8	1,580.9	1,579.2	1,582.0	1,582.5	1,582.7	1,586.2	1,587.0	1,589.7	1,584.8
Social assistance ¹	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	2,022.1	2,019.9	2,017.9	2,016.7
Child day care services	769.3	740.8	725.7	726.2	725.9	725.2	727.1	729.0	724.5	724.9	724.9	724.1	728.4
Leisure and hospitality	11,918	11,940	11,975	12,032	12,069	12,019	12,132	12,084	12,050	12,043	12,026	12,047	12,060
Arts, entertainment, and recreation	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	1,764.8	1,759.2	1,757.5	1,757.4
Performing arts and spectator sports	330.7	342.9	353.6	360.9	369.1	367.2	358.7	358.4	359.0	356.7	348.8	345.0	338.2
Museums, historical sites, zoos, and parks	112.0	110.7	111.4	111.2	111.2	110.5	111.6	111.2	109.9	108.4	109.8	109.8	110.9
Amusements, gambling, and recreation	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	1,299.7	1,300.6	1,302.7	1,308.3
Accommodations and food services	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	10,278.6	10,266.7	10,289.8	10,302.6
Accommodations	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	1,769.0	1,763.6	1,773.4	1,784.6
Food services and drinking places	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	8,503.1	8,516.4	8,518.0
Other services	5,330	5,340	5,346	5,343	5,352	5,335	5,334	5,329	5,323	5,322	5,320	5,323	5,316
Repair and maintenance	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	1,215.6	1,215.1	1,218.3	1,218.6
Personal and laundry services	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	1,227.0	1,226.3	1,224.8	1,223.7
Membership associations and organizations	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	2,879.1	2,878.7	2,879.4	2,873.8
Government	21,448	21,479	21,526	21,544	21,540	21,556	21,576	21,588	21,547	21,526	21,484	21,483	21,473
Federal	2,761	2,765	2,774	2,781	2,782	2,778	2,786	2,791	2,789	2,769	2,761	2,752	2,750
Federal, except U.S. Postal Service	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	1,946.0	1,937.0	1,929.7	1,929.3
U.S. Postal Service	840.8	838.4	836.1	833.6	827.3	821.7	825.3	824.8	823.9	823.0	823.6	822.1	820.3
State government	5,015	5,013	4,993	4,984	4,983	4,984	4,974	4,979	4,958	4,952	4,941	4,925	4,917

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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Government-Continued													
State government education	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	2,186.5	2,180.8	2,173.3	2,171.8
State government, excluding education	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	2,765.3	2,759.9	2,751.7	2,745.3
Local government	13,672	13,701	13,759	13,779	13,775	13,794	13,816	13,818	13,800	13,805	13,782	13,806	13,806
Local government education	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	7,703.5	7,689.1	7,713.4	7,718.8
Local government, excluding education	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	6,101.1	6,092.6	6,092.4	6,086.7

¹ Includes other industries, not shown separately.

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May 2004 estimates, all seasonally adjusted data from January 1999 forward are subject to revision.

The 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 with the SIC-based data.

**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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
Total nonfarm...	63,348	63,296	63,357	63,302	63,366	63,368	63,325	63,387	63,349	63,236	63,263	63,175	63,147
Total private.....	51,023	50,984	50,980	50,979	51,042	51,050	50,993	51,066	51,027	50,934	50,950	50,895	50,855
Goods-producing.....	5,506	5,484	5,468	5,449	5,432	5,415	5,391	5,372	5,349	5,333	5,304	5,280	5,254
Natural resources and mining¹.....	85	84	84	84	84	84	83	82	82	81	80	80	80
Mining.....	78.7	78.0	77.6	77.4	77.9	77.4	76.9	76.1	75.8	75.7	74.5	74.6	74.3
Construction.....	825	823	827	828	829	833	835	834	831	831	831	831	832
Manufacturing.....	4,596	4,577	4,557	4,537	4,519	4,498	4,473	4,456	4,436	4,421	4,393	4,369	4,342
Durable goods.....	2,497	2,485	2,471	2,456	2,446	2,433	2,420	2,406	2,395	2,390	2,372	2,358	2,342
Nondurable goods.....	2,099	2,092	2,086	2,081	2,073	2,065	2,053	2,050	2,041	2,031	2,021	2,011	2,000
Service-providing.....	57,842	57,812	57,889	57,853	57,934	57,953	57,934	58,015	58,000	57,903	57,959	57,895	57,893
Private service-providing.....	45,517	45,500	45,512	45,530	45,610	45,635	45,602	45,694	45,678	45,601	45,646	45,615	45,601
Trade, transportation, and utilities.....	10,482	10,473	10,445	10,421	10,412	10,396	10,390	10,392	10,371	10,355	10,352	10,322	10,291
Wholesale trade.....	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	1,689.8	1,689.5	1,682.9
Retail trade.....	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	7,394.7	7,368.7	7,354.4
Transportation and warehousing.....	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	1,115.8	1,112.1	1,102.9
Utilities.....	150.9	151.1	151.0	151.4	152.1	151.9	151.7	151.5	151.2	151.7	152.0	151.4	151.0
Information.....	1,569	1,559	1,557	1,537	1,538	1,531	1,510	1,501	1,491	1,489	1,483	1,476	1,472
Financial activities.....	4,736	4,739	4,742	4,754	4,774	4,778	4,787	4,790	4,796	4,804	4,816	4,814	4,819
Finance and insurance.....	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	3,879.6	3,881.7	3,882.8
Real estate and rental and leasing.....	916.2	914.2	914.3	918.5	926.6	924.5	925.5	924.8	925.7	927.9	935.9	932.7	935.8
Professional and business services.....	7,341	7,295	7,310	7,321	7,324	7,325	7,307	7,314	7,342	7,299	7,300	7,298	7,292
Professional and technical services.....	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	3,229.5	3,205.1	3,199.7
Management of companies and enterprises.....	874.3	868.8	866.3	866.2	862.2	862.2	858.6	853.1	851.8	853.0	852.0	850.2	845.9
Administrative and waste services.....	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	3,218.8	3,242.4	3,246.5
Education and health services.....	12,475	12,508	12,518	12,517	12,542	12,572	12,585	12,618	12,636	12,646	12,682	12,704	12,720
Educational services.....	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	1,608.3	1,614.1	1,609.9
Health care and social assistance.....	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	11,073.7	11,089.5	11,109.9
Leisure and hospitality.....	6,157	6,172	6,176	6,217	6,254	6,264	6,260	6,311	6,271	6,251	6,251	6,242	6,246
Arts, entertainment, and recreation.....	788.4	786.7	777.2	793.2	799.3	806.2	813.7	829.4	809.6	800.3	790.7	786.0	786.0
Accommodations and food services.....	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	5,460.7	5,456.0	5,460.3
Other services.....	2,757	2,754	2,764	2,763	2,766	2,769	2,763	2,768	2,771	2,757	2,762	2,759	2,761
Government.....	12,325	12,312	12,377	12,323	12,324	12,318	12,332	12,321	12,322	12,302	12,313	12,280	12,292
Federal.....	1,156	1,148	1,157	1,159	1,166	1,168	1,171	1,167	1,175	1,185	1,179	1,172	1,170
State government.....	2,621	2,617	2,614	2,608	2,601	2,599	2,594	2,591	2,588	2,578	2,578	2,570	2,567
Local government.....	8,548	8,547	8,606	8,556	8,557	8,551	8,567	8,563	8,559	8,539	8,556	8,538	8,555

¹ Includes other industries, not shown separately.

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May 2004 estimates, all seasonally adjusted data from January 1999 forward are subject to revision.

The 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 with the SIC-based data.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

B-5. Production or nonsupervisory workers¹ on private nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted

(In thousands)

Industry	2002						2003						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Total private	88,279	88,208	88,204	88,278	88,204	88,017	88,054	87,930	87,711	87,730	87,681	87,645	87,608
Goods-producing	16,403	16,350	16,324	16,284	16,250	16,180	16,125	16,061	15,967	15,943	15,916	15,870	15,813
Natural resources and mining	427	427	425	426	425	422	417	419	414	414	415	416	414
Construction	5,172	5,183	5,184	5,173	5,177	5,163	5,144	5,126	5,106	5,150	5,159	5,161	5,162
Manufacturing	10,804	10,740	10,715	10,685	10,648	10,595	10,564	10,516	10,447	10,379	10,342	10,293	10,237
Durable goods	6,550	6,517	6,492	6,474	6,447	6,417	6,392	6,355	6,314	6,267	6,244	6,217	6,179
Wood products.....	448.8	448.1	447.9	447.5	446.2	442.7	444.7	443.9	438.7	439.5	438.3	434.5	433.7
Nonmetallic mineral products...	399.9	400.0	398.5	396.5	393.7	390.0	386.9	384.0	384.1	383.3	382.3	381.7	379.3
Primary metals.....	397.1	396.5	394.9	392.9	391.3	388.4	388.7	385.9	384.2	381.4	377.3	373.1	368.3
Fabricated metal products.....	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	1,099.6	1,093.9	1,088.3	1,080.8
Machinery.....	787.7	781.8	780.8	777.0	775.5	772.1	767.7	764.4	758.6	753.1	748.0	744.5	742.3
Computer and electronic products.....	752.4	744.5	739.1	738.0	733.8	732.1	726.1	723.0	714.2	709.9	706.2	702.5	699.6
Electrical equipment and appliances.....	354.5	349.9	347.6	345.7	342.5	341.3	338.6	336.3	333.6	331.2	325.6	324.3	322.4
Transportation equipment.....	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	1,263.5	1,270.4	1,269.1	1,256.9
Furniture and related products.....	479.7	474.5	469.3	466.3	464.7	461.3	458.5	453.8	452.3	445.5	446.3	445.2	445.6
Miscellaneous manufacturing..	474.8	473.8	473.4	470.5	471.4	467.4	464.7	462.0	460.6	459.8	455.9	454.0	450.4
Nondurable goods	4,254	4,223	4,223	4,211	4,201	4,178	4,172	4,161	4,133	4,112	4,098	4,076	4,058
Food manufacturing.....	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	1,188.9	1,188.3	1,188.1	1,187.4
Beverages and tobacco products.....	120.5	119.0	117.3	115.1	112.8	110.7	109.0	109.1	106.9	104.2	104.6	103.6	105.0
Textile mills.....	245.1	242.8	241.4	239.4	239.5	238.0	238.4	236.5	234.5	231.3	226.7	224.2	217.2
Textile product mills.....	154.9	155.3	154.3	154.3	154.1	153.2	151.1	151.9	150.7	149.1	147.9	146.6	145.6
Apparel.....	296.9	289.9	287.7	283.8	279.4	275.0	269.5	264.1	258.1	253.3	249.3	243.5	238.0
Leather and allied products.....	42.0	38.4	38.7	38.7	37.9	37.4	37.0	36.0	35.7	34.9	34.6	33.6	34.2
Paper and paper products.....	423.7	423.1	421.7	419.9	419.5	415.6	414.5	413.3	408.8	406.7	404.7	402.6	400.4
Printing and related support activities.....	493.6	489.5	488.6	487.3	484.9	480.3	481.9	483.1	483.6	481.6	482.6	481.4	480.2
Petroleum and coal products...	77.9	77.5	78.2	77.8	78.4	78.6	78.9	78.8	77.8	76.2	76.9	76.6	76.4
Chemicals.....	531.4	528.7	530.6	529.6	529.5	530.8	531.6	530.6	529.3	531.4	529.4	527.6	527.1
Plastics and rubber products...	670.4	666.3	666.8	664.6	664.3	659.9	662.3	661.6	657.8	654.6	652.5	648.3	646.3
Private service-providing ..	71,876	71,858	71,880	71,994	71,954	71,837	71,929	71,869	71,744	71,787	71,765	71,775	71,795
Trade, transportation, and utilities	21,348	21,300	21,271	21,252	21,209	21,174	21,162	21,129	21,107	21,103	21,065	21,018	20,972
Wholesale trade	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	4,390.4	4,380.0	4,364.4	4,351.2
Retail trade	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	12,715.3	12,699.7	12,682.1	12,664.2
Transportation and warehousing	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	3,522.0	3,510.7	3,498.5	3,482.3
Utilities	481.5	481.6	481.8	481.8	480.2	479.6	478.2	477.7	477.0	475.5	474.7	473.1	474.2
Information	2,404	2,395	2,387	2,404	2,397	2,377	2,412	2,409	2,411	2,411	2,411	2,415	2,415
Financial activities	5,856	5,857	5,882	5,899	5,899	5,904	5,910	5,915	5,926	5,942	5,951	5,957	5,963
Professional and business services	13,030	13,038	13,020	13,047	13,019	12,963	12,989	13,001	12,915	12,914	12,919	12,934	12,984
Education and health services ...	14,329	14,348	14,367	14,390	14,411	14,421	14,434	14,443	14,453	14,489	14,511	14,504	14,506
Leisure and hospitality	10,495	10,505	10,539	10,590	10,601	10,600	10,626	10,582	10,549	10,545	10,530	10,560	10,569
Other services	4,414	4,415	4,414	4,412	4,418	4,398	4,396	4,390	4,383	4,383	4,378	4,387	4,386

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

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May 2004

estimates, all seasonally adjusted data from January 1999 forward are subject to revision. The 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 with the SIC-based data.

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 ¹												
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	46.9	43.3	P 38.7	P 44.6					
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	41.2	43.0	P 41.4	P 42.3					
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	34.7	37.4	P 37.9	P 39.0					
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	35.4	36.5	P 35.8	P 34.9					
Manufacturing payrolls, 84 industries ¹												
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	20.2	30.4	P 23.8	P 32.1					
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	16.7	17.9	P 15.5	P 21.4					
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	11.9	12.5	P 15.5	P 14.3					
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	13.1	15.5	P 14.9	P 10.7					

¹ 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 increasing plus one-half of the industries with unchanged employment, where 50 percent indicates an equal balance between industries with increasing and decreasing employment. Establishment survey estimates are currently projected from March 2002 benchmark levels. When more recent benchmark data are introduced with the release of

May 2004 estimates, all unadjusted data (beginning April 2002) and all seasonally adjusted data (beginning January 1999) are subject to revision. The 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). Due to differences in NAICS and SIC structures, NAICS-based data by industry are not comparable with the the SIC-based data.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

State	2002							2003					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
	Total ¹												
Alabama	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	1,872.2	1,873.9	1,873.3
Alaska	293.8	295.4	296.3	296.7	297.8	297.7	299.5	297.6	297.8	297.9	296.7	297.3	298.3
Arizona	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	2,278.4	2,282.4	2,285.2
Arkansas	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	1,148.6	1,149.7	1,150.1
California	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	14,460.5	14,447.1	14,452.2
Colorado	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	2,168.5	2,183.0	2,178.3
Connecticut	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	1,655.7	1,656.5	1,652.6
Delaware	411.6	410.9	410.0	414.9	415.9	415.7	412.5	412.5	409.3	408.4	410.2	412.0	409.9
District of Columbia	663.8	664.3	665.2	665.7	665.5	661.4	662.0	665.7	664.5	667.7	668.0	661.3	659.0
Florida	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	7,281.7	7,286.7	7,289.3
Georgia	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	3,902.0	3,916.2	3,917.6
Hawaii	558.4	556.3	556.5	558.5	562.3	561.3	562.2	566.3	564.1	563.0	562.8	566.8	565.5
Idaho	567.9	568.9	568.7	568.8	569.2	569.9	569.3	563.2	563.8	565.6	567.3	566.8	567.2
Illinois	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	5,843.0	5,834.5	5,832.3
Indiana	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	2,863.7	2,869.5	2,856.2
Iowa	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	1,443.6	1,445.3	1,446.3
Kansas	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	1,332.0	1,335.4	1,334.7
Kentucky	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	1,773.0	1,770.9
Louisiana	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	1,896.5	1,897.6	1,895.9
Maine	606.4	608.1	607.8	606.3	605.9	603.8	604.2	605.4	603.6	604.6	605.2	605.3	605.5
Maryland	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	2,488.3	2,495.1	2,500.2
Massachusetts	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	3,209.5	3,215.5	3,221.0
Michigan	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	4,407.6	4,455.3	4,444.6
Minnesota	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	2,639.0	2,638.2	2,635.9
Mississippi	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	1,128.0	1,124.3	1,124.3
Missouri	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	2,645.6	2,668.8	2,673.6
Montana	397.5	395.7	395.2	395.7	396.3	396.5	395.0	394.2	394.8	393.1	397.3	399.3	400.6
Nebraska	905.2	903.4	905.6	907.0	909.8	907.0	904.0	900.2	900.8	904.9	906.9	908.6	904.6
Nevada	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	1,062.3	1,064.4	1,069.6
New Hampshire	617.2	618.4	617.4	622.5	620.7	619.7	616.7	618.2	615.9	616.3	615.3	615.6	616.8
New Jersey	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	4,012.4	4,011.8	4,023.8
New Mexico	764.3	767.8	767.1	766.4	766.4	770.6	772.0	773.2	776.7	775.8	778.9	779.0	778.1
New York	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	8,386.2	8,394.3	8,390.7
North Carolina	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	3,840.9	3,844.3	3,865.4
North Dakota	330.6	328.7	329.6	331.2	330.7	331.5	330.4	329.0	328.4	329.2	328.9	330.9	332.8
Ohio	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	5,403.4	5,409.1	5,401.2
Oklahoma	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	1,479.5	1,484.0	1,479.0
Oregon	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	1,559.0	1,562.1	1,562.2
Pennsylvania	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	5,629.1	5,643.5	5,648.9
Rhode Island	479.0	478.9	479.5	480.0	478.3	479.3	480.5	479.7	479.6	478.9	479.9	480.9	479.8
South Carolina	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	1,795.9	1,792.1	1,779.1
South Dakota	378.1	378.9	379.1	378.7	381.1	379.7	381.3	374.7	375.1	374.6	375.6	377.5	380.7
Tennessee	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	2,672.2	2,671.4	2,676.8
Texas	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	9,437.5	9,448.3	9,444.1
Utah	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	1,075.2	1,071.6	1,068.4
Vermont	299.8	299.0	299.0	299.1	299.5	300.1	299.9	302.9	301.8	301.7	303.4	303.8	304.8
Virginia	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	3,493.4	3,507.3	3,516.0
Washington	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	2,657.0	2,663.1	2,656.8
West Virginia	731.9	731.3	732.9	731.4	731.5	727.0	728.2	733.9	734.2	731.8	731.1	732.1	731.6
Wisconsin	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	2,776.0	2,787.1	2,796.9
Wyoming	247.3	247.5	247.3	247.3	246.3	247.5	248.3	247.8	248.4	247.6	248.3	248.2	249.3

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
Construction													
Alabama	98.7	99.5	100.1	100.6	101.2	101.3	100.4	100.1	100.4	98.8	99.8	100.0	101.1
Alaska	15.9	16.0	16.0	16.2	16.0	16.1	16.2	15.5	15.9	16.1	15.8	16.7	16.4
Arizona	171.8	171.4	172.3	172.7	173.0	174.5	174.2	174.6	174.8	175.2	176.5	177.3	177.7
Arkansas	55.1	55.4	55.2	54.6	54.7	55.3	55.7	56.1	53.7	53.4	53.4	53.6	54.0
California	770.9	766.3	771.9	771.6	771.7	781.2	784.1	780.9	783.6	790.7	789.4	787.9	786.6
Colorado	161.5	160.6	160.3	159.0	158.8	158.2	158.5	156.6	155.6	154.3	156.2	154.7	153.3
Connecticut	63.8	62.8	62.2	62.4	62.7	62.6	62.1	61.0	60.2	60.6	60.8	60.3	59.5
Delaware ²	24.2	23.9	24.2	23.8	23.5	23.8	23.4	24.7	24.0	23.4	23.8	24.1	24.3
District of Columbia ²	12.2	12.4	12.6	12.8	12.9	12.2	12.4	12.2	12.0	11.9	12.0	12.0	12.0
Florida ²	433.5	436.0	435.1	440.8	440.9	441.4	437.8	432.8	435.2	438.0	443.0	444.9	446.5
Georgia	197.6	196.9	196.3	195.8	199.6	195.8	200.6	198.0	199.9	203.6	205.2	210.2	209.8
Hawaii ²	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Idaho	36.1	36.9	36.5	36.3	36.0	36.7	36.7	36.4	36.5	36.7	37.0	37.7	36.9
Illinois	273.7	273.9	276.0	275.2	276.3	277.0	277.7	285.7	276.2	276.1	274.9	271.4	270.7
Indiana	143.6	144.4	140.5	140.5	136.6	136.8	137.5	140.6	138.2	138.9	136.0	138.1	135.4
Iowa	64.0	63.8	63.6	63.6	64.2	65.5	65.4	65.8	65.1	62.9	63.4	63.6	63.3
Kansas	62.3	62.8	62.6	62.8	62.9	62.6	64.2	62.2	62.6	62.8	62.9	63.5	63.8
Kentucky	82.1	81.9	82.7	83.0	82.9	83.3	83.7	87.1	84.2	83.0	82.2	81.2	80.4
Louisiana	116.7	117.8	117.6	117.7	115.3	117.1	115.7	115.7	116.4	117.0	120.8	119.7	121.3
Maine	29.2	29.4	29.4	29.4	29.2	29.5	29.3	28.8	28.6	28.7	28.8	28.9	28.7
Maryland ²	167.1	166.6	166.5	166.8	165.9	169.0	169.0	167.1	165.7	164.4	166.4	168.3	167.8
Massachusetts	140.4	140.2	139.8	140.1	139.9	140.1	139.0	138.3	137.6	134.3	132.0	132.3	131.3
Michigan	200.2	201.0	203.4	200.4	197.6	198.8	199.7	203.6	202.0	198.7	193.4	198.0	203.2
Minnesota	123.3	123.3	123.7	123.4	122.6	123.0	122.5	121.2	121.5	121.0	122.1	125.3	127.5
Mississippi	54.4	54.0	53.9	53.9	54.9	55.4	54.4	55.2	54.5	53.6	54.1	54.7	54.4
Missouri	133.4	135.1	134.7	133.9	129.7	130.5	131.4	133.3	133.0	132.5	131.2	130.9	132.5
Montana	21.6	21.7	21.9	21.9	21.8	21.9	22.5	22.4	22.0	21.6	21.8	22.0	22.0
Nebraska	44.4	44.3	44.5	44.6	44.0	44.6	45.1	44.5	44.3	44.0	44.1	44.6	44.7
Nevada	90.8	92.5	93.9	93.5	92.9	92.9	91.8	92.3	93.0	93.8	93.8	94.6	95.0
New Hampshire	26.4	27.2	27.3	28.3	28.1	27.9	28.2	28.2	27.1	27.3	26.9	26.9	26.6
New Jersey	161.9	162.7	162.4	161.1	159.0	161.1	159.2	163.6	162.0	164.4	164.5	164.6	167.3
New Mexico	45.3	44.9	44.9	44.4	44.8	45.2	45.2	45.8	45.7	46.0	46.5	46.5	47.1
New York	319.0	319.8	320.7	319.6	317.0	319.1	321.6	323.8	321.7	323.1	325.8	330.1	328.8
North Carolina	218.0	219.1	218.4	216.8	218.7	217.2	216.0	212.8	213.7	212.6	211.6	215.0	216.9
North Dakota	14.8	15.0	15.1	15.2	15.1	15.0	14.9	14.5	14.2	14.3	14.5	15.0	14.7
Ohio	235.6	234.5	237.3	237.0	236.7	235.9	233.3	237.1	231.7	231.1	232.5	231.6	230.5
Oklahoma	63.9	64.3	64.2	63.9	63.6	63.9	64.0	65.0	65.4	65.2	66.3	65.9	66.3
Oregon	78.2	78.5	79.5	79.3	79.9	81.5	80.7	78.5	78.3	77.1	76.4	76.8	77.4
Pennsylvania	248.3	247.4	248.7	248.2	248.4	247.5	248.7	247.3	248.3	249.6	248.2	249.3	250.0
Rhode Island	19.6	19.0	19.3	19.2	19.1	19.1	19.3	19.3	19.3	19.5	19.5	19.9	20.1
South Carolina	112.4	111.2	111.9	111.2	110.8	111.4	110.4	111.6	110.0	107.7	107.2	108.0	108.5
South Dakota	18.5	18.5	18.4	18.5	19.7	19.9	20.1	19.0	19.0	18.9	18.6	18.9	18.7
Tennessee	113.9	114.0	114.4	115.1	114.2	114.8	113.8	111.4	111.1	109.7	108.4	108.5	109.5
Texas	570.5	567.8	568.3	566.7	566.8	569.8	571.1	574.2	573.2	574.8	577.8	576.4	577.5
Utah	67.2	67.4	66.7	67.0	67.7	67.8	67.8	67.4	66.1	65.6	66.6	67.0	67.0
Vermont	14.4	14.5	14.5	14.6	14.4	14.7	15.1	15.0	15.3	15.2	15.3	14.9	14.7
Virginia	213.7	214.4	214.3	213.6	212.9	210.6	205.6	206.1	205.9	204.4	204.7	211.1	209.8
Washington	154.2	154.8	156.8	155.5	155.7	156.0	156.1	156.7	156.6	156.0	158.0	157.7	156.5
West Virginia	33.7	33.6	33.6	33.0	32.8	32.9	33.3	35.3	34.6	34.3	32.8	32.7	33.7
Wisconsin	123.8	123.5	124.3	122.5	122.5	121.3	121.3	119.9	119.0	113.7	115.2	115.9	115.5
Wyoming	19.8	19.4	19.9	20.0	20.1	20.5	20.9	20.4	20.5	19.7	19.9	19.5	19.7

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						
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	
	Manufacturing													
Alabama	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
Alaska	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
Arizona	184.1	183.9	182.1	181.6	180.6	179.1	178.8	178.0	177.2	176.9	176.8	174.8	175.0	
Arkansas	214.4	213.8	212.8	213.3	213.5	213.0	212.5	212.8	211.1	210.3	209.7	209.9	208.3	
California	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	1,592.0	1,589.6	1,584.7	
Colorado	167.0	166.1	165.7	164.5	163.0	161.4	161.4	160.0	158.7	157.8	157.2	157.0	156.0	
Connecticut	212.0	213.2	212.1	211.7	210.6	209.9	209.3	208.6	206.6	206.7	205.4	204.6	203.5	
Delaware	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
District of Columbia	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
Florida	407.3	407.9	407.7	406.1	404.8	404.0	401.2	398.6	397.6	393.7	393.3	392.4	389.7	
Georgia	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
Hawaii	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
Idaho	64.9	65.0	64.7	64.8	64.7	64.0	63.6	62.5	62.5	61.8	61.8	61.7	60.4	
Illinois	754.5	752.2	752.2	748.4	747.7	747.4	747.6	743.5	743.5	741.8	737.3	735.2	730.9	
Indiana	590.8	591.5	590.7	590.5	590.1	588.3	586.5	590.3	585.7	584.7	579.0	579.0	578.3	
Iowa	227.9	227.3	223.7	226.4	225.5	225.9	225.3	225.4	224.6	223.3	221.5	222.1	221.7	
Kansas	182.4	180.7	182.5	181.3	181.8	181.3	181.5	181.6	180.4	178.9	176.9	177.7	176.6	
Kentucky	275.8	274.5	274.1	272.7	274.0	273.0	272.8	272.1	271.8	272.0	269.7	268.9	268.2	
Louisiana	160.9	160.5	160.4	159.7	159.3	159.6	160.0	159.8	157.7	158.6	155.6	157.2	157.8	
Maine	67.6	68.1	67.1	67.3	67.3	68.0	67.2	65.1	64.6	64.5	64.7	64.5	63.1	
Maryland	157.6	155.8	155.6	154.8	155.2	154.0	153.9	153.8	155.0	154.7	154.2	153.8	153.3	
Massachusetts	347.9	341.7	343.5	344.9	342.8	341.2	339.7	338.3	337.7	336.7	334.0	333.7	331.0	
Michigan	760.8	746.2	755.3	755.9	754.3	754.8	752.6	751.4	738.0	741.2	733.5	739.2	738.0	
Minnesota	356.9	354.2	352.6	353.1	352.8	351.1	349.8	349.7	348.6	350.4	347.2	346.8	344.8	
Mississippi	188.9	190.0	187.6	186.3	185.0	184.0	184.8	183.7	183.3	183.1	182.0	181.3	179.7	
Missouri	323.5	316.4	322.5	322.3	320.6	316.8	314.9	313.7	313.2	313.7	313.9	314.4	316.1	
Montana	20.2	20.0	19.9	19.7	18.8	19.1	18.9	18.9	18.7	19.2	20.1	20.1	19.4	
Nebraska	106.0	105.5	105.9	105.5	106.1	106.4	106.1	105.0	105.6	104.7	104.5	105.0	104.7	
Nevada	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
New Hampshire	84.9	85.8	84.9	84.3	84.4	83.7	82.8	81.5	80.7	80.9	81.5	82.1	82.1	
New Jersey	367.1	368.5	366.3	364.9	363.4	362.8	362.1	360.5	358.6	360.0	358.6	358.3	356.7	
New Mexico	38.6	39.4	38.4	38.1	37.5	38.2	38.2	37.7	37.9	37.2	37.4	37.1	37.2	
New York	653.0	650.5	647.6	643.7	642.1	638.1	634.3	631.5	628.1	626.0	624.3	624.2	619.9	
North Carolina	641.6	640.2	636.3	635.6	629.7	628.1	623.8	622.4	617.6	620.2	619.5	616.4	612.1	
North Dakota	23.7	24.9	24.9	23.3	23.1	23.1	23.0	23.1	23.1	23.5	23.4	23.9	24.2	
Ohio	887.5	882.4	882.7	880.6	878.4	875.7	872.2	867.7	866.4	864.6	859.6	863.8	860.0	
Oklahoma	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
Oregon	201.5	201.5	200.4	200.4	201.3	201.1	199.3	199.2	197.8	195.9	194.4	196.3	195.6	
Pennsylvania	765.2	759.8	759.6	755.5	752.4	749.0	746.9	738.9	736.2	733.7	730.7	731.1	731.7	
Rhode Island	62.6	62.5	61.9	61.4	61.0	60.8	60.6	61.1	61.3	60.8	60.6	60.4	59.9	
South Carolina	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
South Dakota	38.5	38.6	38.5	38.5	37.3	37.2	37.4	38.0	37.9	37.6	38.0	38.3	38.7	
Tennessee	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	
Texas	950.5	948.1	944.1	940.3	936.8	934.7	929.9	930.5	928.7	927.9	925.4	923.1	917.1	
Utah	113.7	113.5	113.0	112.6	113.0	111.7	112.0	111.8	110.8	111.0	111.5	111.7	111.8	
Vermont	41.2	40.5	39.5	39.7	39.4	39.2	38.8	39.1	39.0	38.9	38.8	38.7	38.6	
Virginia	321.2	319.4	318.6	316.8	319.9	319.5	318.6	315.3	313.0	312.7	310.0	309.6	309.7	
Washington	286.2	287.4	283.5	280.3	279.3	276.5	275.8	275.1	273.2	271.8	269.3	266.8	265.2	
West Virginia	68.7	68.6	68.5	68.4	67.9	67.5	67.5	66.8	66.1	66.3	66.5	66.0	66.0	
Wisconsin	527.7	527.1	528.8	527.6	526.3	525.2	522.4	524.8	520.8	520.9	519.5	519.4	514.7	
Wyoming	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
Trade, transportation, and utilities													
Alabama	372.2	373.6	371.7	371.0	373.7	357.0	346.3	374.1	379.8	379.1	374.5	372.7	373.4
Alaska	61.0	61.2	60.9	60.8	61.1	61.3	61.3	60.3	60.6	60.7	60.1	61.0	60.7
Arizona	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Arkansas	241.2	242.1	241.5	241.9	242.2	242.1	241.5	242.5	242.8	243.5	244.2	243.0	243.1
California	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	2,732.2	2,732.4	2,731.3	2,729.1
Colorado	415.0	413.6	412.9	412.8	411.4	411.8	415.5	413.4	411.7	408.6	407.0	407.3	407.0
Connecticut	313.4	314.0	310.1	312.4	306.6	293.3	292.2	306.8	315.4	319.2	318.6	317.8	318.9
Delaware	77.1	76.2	76.0	77.0	77.3	79.2	80.0	78.1	76.6	77.3	77.3	77.2	75.8
District of Columbia	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Florida	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	1,470.7	1,472.5	1,467.4
Georgia	838.0	834.9	832.1	830.6	833.2	829.6	825.2	828.4	835.5	840.1	830.9	834.3	832.7
Hawaii	106.8	107.0	107.1	107.1	108.2	105.6	103.6	107.6	108.6	109.0	109.9	110.2	109.1
Idaho	116.1	116.0	116.1	115.7	116.0	116.3	116.4	114.1	114.3	113.8	113.9	114.1	114.6
Illinois	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	1,190.8	1,189.6	1,192.0
Indiana	582.0	585.5	581.4	577.7	579.3	580.6	579.0	579.8	582.1	579.5	581.6	578.8	575.3
Iowa	306.6	305.8	305.3	305.2	302.2	302.2	302.4	303.9	302.2	300.7	302.1	303.0	303.4
Kansas	268.5	267.3	267.0	266.4	267.0	266.2	266.2	267.8	270.7	270.4	269.9	269.4	270.0
Kentucky	371.7	371.2	370.8	370.3	371.9	369.7	366.7	366.0	367.7	367.7	366.7	365.8	365.3
Louisiana	386.1	385.1	384.2	383.7	381.0	381.7	382.9	387.7	387.3	387.0	388.2	389.2	386.6
Maine	123.9	124.6	125.1	125.4	125.5	125.4	124.9	123.5	122.7	121.8	121.7	121.8	122.8
Maryland	465.7	461.9	460.5	460.1	459.2	455.0	450.9	461.2	464.2	465.7	465.3	464.2	461.6
Massachusetts	581.6	577.6	571.6	576.8	577.3	574.9	575.8	577.8	580.1	578.9	580.3	580.5	581.6
Michigan	838.4	837.3	839.5	837.1	837.0	844.4	836.1	829.8	832.7	830.4	829.7	835.3	834.4
Minnesota	527.0	519.3	522.0	524.1	528.1	525.2	526.1	522.0	522.4	522.2	523.7	523.7	520.5
Mississippi	221.7	225.2	222.8	225.5	223.9	218.5	217.5	221.8	226.9	225.6	226.7	225.4	225.1
Missouri	541.4	544.1	543.1	542.9	542.5	541.6	540.0	540.5	539.3	535.2	535.2	536.1	529.8
Montana	84.8	84.9	84.7	84.9	85.0	85.3	84.9	84.5	84.0	83.7	84.2	84.3	84.5
Nebraska	195.3	194.8	195.0	196.7	196.8	197.2	198.2	198.2	197.8	197.6	197.4	198.2	197.0
Nevada	191.4	189.9	190.2	191.2	192.2	194.1	196.0	191.3	190.7	190.8	190.7	190.9	191.3
New Hampshire	138.2	138.7	139.4	140.8	140.4	139.6	138.9	138.2	138.9	138.2	137.9	138.9	138.5
New Jersey	881.8	874.9	872.8	884.9	888.9	887.5	883.3	888.6	887.2	885.3	890.7	884.4	886.8
New Mexico	135.7	135.8	135.9	135.9	135.4	135.1	135.6	136.9	137.7	136.8	137.1	137.5	136.4
New York	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	1,483.6	1,482.8	1,480.3
North Carolina	722.4	718.1	715.2	710.1	707.8	713.7	719.0	720.8	719.9	723.6	723.6	725.2	723.4
North Dakota	71.8	71.8	71.6	71.6	71.7	72.6	72.5	72.3	71.9	72.1	71.8	71.7	71.6
Ohio	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	1,058.5	1,055.1	1,047.2
Oklahoma	285.3	284.8	284.6	284.3	284.7	286.3	285.1	284.5	285.4	283.2	285.9	286.5	287.4
Oregon	316.1	315.5	315.7	316.3	315.0	309.3	311.0	314.0	315.1	315.2	313.5	312.3	312.6
Pennsylvania	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	1,098.2	1,099.4	1,098.2
Rhode Island	80.9	81.3	81.0	81.9	80.5	79.7	78.5	81.5	82.2	82.7	83.2	83.4	83.2
South Carolina	349.4	346.4	346.3	345.3	347.1	348.7	349.8	348.3	347.5	346.8	344.6	345.6	346.0
South Dakota	76.8	76.8	76.8	77.1	78.5	78.6	79.5	76.9	76.4	76.0	75.8	75.8	75.8
Tennessee	571.5	579.0	577.0	575.0	573.2	570.5	565.1	568.3	573.9	574.3	574.4	574.2	573.0
Texas	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	1,948.6	1,945.4	1,940.3
Utah	216.7	216.9	216.8	216.3	214.7	214.2	212.7	216.6	217.3	216.1	216.3	216.0	215.7
Vermont	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Virginia	637.6	638.1	637.7	637.2	637.0	640.0	637.8	637.0	635.2	635.1	638.9	635.5	635.9
Washington	510.3	511.2	511.0	511.3	511.9	513.4	515.7	512.0	509.3	508.6	507.3	508.6	506.7
West Virginia	137.1	136.8	136.0	135.4	136.7	135.6	135.6	137.1	136.2	136.3	136.0	135.9	135.5
Wisconsin	538.0	540.0	536.6	536.9	532.4	527.5	526.0	535.8	538.2	536.8	537.3	539.6	544.9
Wyoming	48.3	48.2	48.2	48.2	47.9	47.9	48.0	48.4	48.4	48.0	47.8	48.5	48.7

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						
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	
	Financial activities													
Alabama	97.6	97.7	97.7	97.5	97.8	97.4	97.2	97.0	96.9	97.1	97.0	97.3	97.1	
Alaska	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Arizona	154.7	155.3	153.9	152.6	152.7	151.7	151.2	155.6	154.1	153.5	153.0	153.4	153.6	
Arkansas	49.7	50.0	50.1	50.3	50.1	50.1	50.4	50.1	49.9	50.1	50.0	50.1	50.0	
California	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Colorado	147.1	146.8	147.4	147.8	150.1	149.5	147.5	149.6	150.0	150.9	153.0	154.8	153.1	
Connecticut	142.8	143.2	143.4	143.3	143.1	142.3	142.6	141.1	141.4	141.8	142.4	143.0	143.1	
Delaware	38.4	38.1	37.9	38.1	38.3	38.2	37.4	38.1	38.0	38.1	38.1	38.1	37.5	
District of Columbia	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Florida	474.4	475.9	476.7	475.4	474.6	474.4	473.2	475.3	475.9	478.7	481.0	482.4	481.8	
Georgia	212.0	211.6	211.6	211.6	212.3	210.7	211.2	216.1	214.6	214.6	214.1	214.1	212.9	
Hawaii	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Idaho	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Illinois	399.4	400.3	399.9	402.8	402.1	404.1	403.1	404.5	403.7	402.9	401.5	400.7	398.0	
Indiana	139.0	139.2	139.0	138.8	139.0	139.9	140.5	140.2	140.3	140.0	139.7	139.1	140.7	
Iowa	93.8	93.9	94.0	94.0	94.4	94.0	94.3	93.5	93.8	93.4	93.7	93.8	92.6	
Kansas	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Kentucky	84.6	84.4	84.6	84.9	83.8	83.9	84.4	87.2	86.8	86.2	86.3	85.3	85.1	
Louisiana	99.9	99.7	99.8	99.8	99.0	99.4	99.5	100.2	99.4	99.9	99.9	98.8	98.0	
Maine	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Maryland	150.5	150.0	150.3	150.5	150.4	150.1	151.1	151.3	150.6	150.7	150.9	150.9	150.8	
Massachusetts	228.1	230.0	230.0	229.7	230.4	228.7	229.7	230.0	229.2	229.0	229.3	229.4	230.1	
Michigan	214.0	215.5	216.3	218.0	216.5	215.7	214.9	214.5	214.9	215.4	219.0	220.5	222.9	
Minnesota	169.5	169.2	170.6	170.1	170.2	170.0	169.7	169.5	168.9	167.9	168.3	167.9	167.1	
Mississippi	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Missouri	158.6	158.8	159.0	159.1	157.2	158.2	158.6	158.9	159.3	158.8	158.9	159.8	156.9	
Montana	19.3	19.4	19.2	19.4	19.7	19.7	19.7	19.8	20.0	19.8	19.9	19.7	19.8	
Nebraska	61.2	61.4	61.6	61.8	62.1	62.2	62.6	62.9	63.0	63.1	63.2	63.4	63.8	
Nevada	55.8	57.4	56.1	55.7	55.5	54.5	56.1	56.4	56.4	56.7	56.8	56.5	57.2	
New Hampshire	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
New Jersey	274.4	276.2	275.4	275.7	277.2	276.1	276.6	275.5	276.1	277.3	276.1	276.5	278.6	
New Mexico	33.3	33.7	33.9	33.9	33.8	34.3	34.6	35.0	34.9	34.7	34.6	34.5	34.3	
New York	706.6	704.8	704.1	702.1	698.7	698.4	697.2	702.0	700.8	699.3	699.3	698.9	698.3	
North Carolina	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
North Dakota	18.1	17.7	17.8	17.8	17.9	17.7	17.6	18.0	18.1	18.1	18.1	18.1	18.2	
Ohio	307.7	307.4	306.6	306.8	305.9	305.9	306.3	306.6	307.3	307.0	309.3	308.4	308.4	
Oklahoma	83.3	83.5	83.5	83.2	83.5	83.5	83.9	83.6	83.0	83.6	84.6	85.6	84.7	
Oregon	93.9	92.0	90.7	92.1	91.8	93.1	94.7	95.8	96.7	95.8	94.8	93.6	93.1	
Pennsylvania	336.4	335.2	335.2	337.4	337.1	337.7	339.0	337.7	338.0	338.3	338.7	339.0	337.7	
Rhode Island	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
South Carolina	90.0	91.6	90.7	90.8	90.2	90.3	89.6	89.7	90.1	90.4	91.2	90.9	90.1	
South Dakota	27.9	27.8	27.9	27.9	27.3	27.4	27.5	27.5	27.6	27.5	27.7	27.6	27.7	
Tennessee	139.2	140.9	139.1	137.4	137.0	137.2	137.7	138.9	139.4	139.0	140.0	139.3	139.5	
Texas	579.8	579.9	581.2	581.2	582.2	581.8	581.5	583.5	584.0	584.1	585.1	586.2	587.2	
Utah	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Vermont	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Virginia	181.8	182.4	182.1	182.3	182.8	183.6	182.6	182.8	182.6	182.1	182.7	183.3	183.4	
Washington	145.4	145.2	145.7	145.7	146.7	147.6	148.5	150.4	150.3	149.6	148.9	148.5	147.8	
West Virginia	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Wisconsin	153.3	154.4	153.4	153.8	153.9	154.0	153.4	153.1	153.0	153.8	155.3	156.8	157.9	
Wyoming	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	

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						
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	
	Professional and business services													
Alabama	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Alaska	22.8	23.1	24.2	23.9	23.7	23.0	23.1	23.0	23.3	22.9	22.8	23.6	23.8	
Arizona	313.0	319.2	318.5	317.8	319.5	315.0	310.5	317.0	313.0	315.0	315.2	316.3	317.7	
Arkansas	101.1	101.5	100.9	101.9	100.0	100.1	100.5	102.1	102.0	100.9	100.6	100.4	101.1	
California	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	2,115.6	2,103.6	2,103.4	
Colorado	291.7	288.0	289.9	288.6	286.9	281.7	278.3	276.6	277.3	278.4	282.9	288.9	289.6	
Connecticut	202.8	201.3	201.7	200.6	201.6	200.2	198.8	198.2	198.1	199.9	201.4	200.6	200.1	
Delaware	67.7	67.3	67.1	66.9	66.5	66.2	65.8	67.1	67.2	67.7	68.2	68.3	68.3	
District of Columbia	140.1	139.8	140.2	140.6	140.5	138.2	138.3	139.9	139.5	140.0	141.5	141.2	140.6	
Florida	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	1,246.1	1,246.1	1,247.7	
Georgia	522.2	518.0	516.6	514.6	512.2	514.6	510.9	523.4	521.1	527.6	534.8	548.7	552.6	
Hawaii	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Idaho	69.5	69.6	69.7	69.3	69.8	69.2	69.5	68.0	68.5	69.7	70.3	70.4	70.6	
Illinois	778.8	788.5	796.5	795.1	793.6	792.2	790.1	785.2	780.6	782.7	783.6	786.4	782.7	
Indiana	252.6	248.8	251.6	249.9	251.1	246.8	245.2	240.8	238.0	239.7	240.0	241.9	239.9	
Iowa	105.7	105.9	105.9	106.6	106.0	106.0	106.5	105.4	105.9	104.2	105.7	106.8	107.8	
Kansas	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Kentucky	154.8	155.2	156.6	155.8	154.6	154.3	153.6	155.5	155.1	153.2	153.5	155.0	155.1	
Louisiana	181.8	181.4	181.4	180.6	182.8	179.1	178.6	178.3	177.8	176.4	175.8	174.5	174.1	
Maine	51.7	51.9	51.8	51.4	51.2	51.6	50.9	51.3	50.9	50.7	50.6	51.1	51.7	
Maryland	361.1	359.1	361.7	359.6	360.6	364.1	370.9	359.9	360.3	362.2	367.8	367.3	367.6	
Massachusetts	455.2	457.0	456.3	454.9	449.5	447.2	443.7	438.6	434.6	434.8	438.6	440.5	439.7	
Michigan	595.4	598.9	603.3	598.4	602.3	588.6	579.5	575.0	578.1	575.2	574.8	582.7	575.7	
Minnesota	294.4	299.0	299.1	299.9	300.5	296.5	292.6	288.5	289.9	289.1	290.8	289.9	290.6	
Mississippi	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Missouri	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Montana	31.9	31.8	32.1	32.4	32.8	32.5	32.4	32.5	32.5	32.2	32.7	32.8	32.4	
Nebraska	91.8	92.0	91.5	90.6	91.5	89.2	88.5	88.6	87.7	89.5	89.9	90.3	90.1	
Nevada	111.8	114.9	115.7	115.3	114.5	113.5	114.2	115.8	115.3	115.7	115.9	115.4	114.8	
New Hampshire	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
New Jersey	583.5	586.4	588.4	586.8	587.2	583.8	579.7	578.1	574.8	582.6	588.5	586.5	589.8	
New Mexico	88.2	89.6	89.1	89.3	89.6	90.7	91.2	91.1	91.4	90.9	90.9	90.4	89.6	
New York	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	1,037.9	1,038.0	1,035.3	
North Carolina	416.0	416.0	422.7	421.2	417.8	412.8	411.5	415.0	415.9	420.3	419.9	425.2	423.5	
North Dakota	24.1	24.1	24.1	24.3	24.1	24.1	24.1	24.0	24.1	24.0	23.6	23.8	23.8	
Ohio	611.5	618.1	619.7	620.5	618.8	614.5	608.6	614.5	611.5	610.1	617.7	613.7	607.6	
Oklahoma	161.4	159.1	159.7	159.7	159.2	158.5	158.3	160.1	159.1	157.6	157.4	159.1	154.8	
Oregon	173.2	174.6	177.0	175.5	173.1	171.9	171.1	171.2	169.9	171.3	171.4	174.0	175.0	
Pennsylvania	607.1	602.1	604.5	607.2	607.8	608.6	602.8	594.7	589.0	596.6	600.0	602.8	600.1	
Rhode Island	49.4	50.0	48.9	48.4	48.3	48.1	48.2	47.5	46.7	46.8	48.3	48.1	48.3	
South Carolina	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
South Dakota	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	
Tennessee	308.4	310.2	312.3	310.0	309.5	310.1	312.4	308.3	308.4	311.5	311.4	312.4	312.5	
Texas	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	1,052.8	1,053.3	1,051.3	
Utah	131.3	131.7	131.7	132.5	133.8	133.4	132.5	131.4	132.4	131.7	132.4	131.4	128.3	
Vermont	20.2	20.2	20.3	20.7	21.1	21.0	20.6	20.3	20.6	20.6	20.8	21.0	21.0	
Virginia	546.2	547.2	546.7	545.2	545.2	544.8	541.3	541.0	539.5	544.7	545.5	552.3	552.0	
Washington	289.1	290.9	293.0	293.0	291.7	289.3	289.2	289.2	290.7	292.1	293.1	293.8	292.8	
West Virginia	56.6	57.2	57.6	57.2	57.6	56.8	57.7	58.6	59.2	59.3	59.7	59.4	59.7	
Wisconsin	240.5	242.7	239.7	241.2	241.7	240.2	238.2	239.2	239.3	239.8	243.7	244.3	246.9	
Wyoming	15.5	15.6	15.6	15.5	15.4	15.3	15.2	15.0	15.3	15.5	15.7	15.9	15.8	

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
Education and health services													
Alabama	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Alaska	30.3	30.6	30.8	30.5	30.7	30.7	30.8	30.6	31.0	30.8	31.6	31.7	32.1
Arizona	231.8	231.3	235.9	236.6	238.5	239.2	240.3	239.7	241.8	242.3	244.5	245.7	245.0
Arkansas	135.5	135.7	136.2	136.4	136.6	136.6	137.0	137.7	137.6	138.3	138.5	139.0	138.8
California	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	1,524.9	1,525.8	1,527.7
Colorado	208.2	209.4	210.1	210.6	210.8	211.1	211.0	211.0	210.5	210.6	211.6	213.0	212.1
Connecticut	258.1	254.4	253.2	259.9	263.8	264.3	263.8	260.1	264.8	263.5	266.2	265.2	260.3
Delaware	48.6	49.8	49.6	49.6	49.7	49.7	49.2	49.1	49.4	49.3	49.4	49.5	49.9
District of Columbia	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Florida	856.7	863.5	865.9	867.3	870.4	870.2	867.8	871.3	872.2	871.6	876.1	874.4	877.1
Georgia	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Hawaii	62.8	62.9	62.9	63.4	63.9	64.0	63.3	64.1	64.7	64.7	65.1	65.3	65.4
Idaho	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Illinois	710.4	711.3	713.8	716.5	716.9	713.5	712.2	718.4	717.7	716.6	715.6	716.8	715.2
Indiana	343.8	350.4	347.5	349.4	351.1	351.8	352.0	349.6	351.1	349.2	349.6	348.0	348.1
Iowa	187.1	187.5	187.6	188.3	189.6	188.8	189.3	189.6	190.8	191.5	192.3	192.7	195.2
Kansas	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Kentucky	221.6	222.0	222.3	223.0	224.0	225.0	225.7	226.4	228.0	228.3	228.0	227.2	226.0
Louisiana	234.2	234.3	237.1	238.2	239.2	240.0	240.3	241.0	239.6	238.6	238.4	237.4	238.1
Maine	105.1	105.0	105.0	104.6	104.6	105.4	105.6	106.3	106.4	106.7	107.0	106.8	107.0
Maryland	330.3	329.7	330.4	331.7	333.1	334.2	334.6	338.0	337.1	337.6	338.0	339.4	342.2
Massachusetts	567.6	567.0	568.5	569.6	569.0	569.8	570.7	570.1	571.1	569.5	572.9	574.7	573.8
Michigan	532.9	537.1	537.3	534.8	533.6	535.1	536.4	538.9	541.5	540.7	542.0	543.6	542.0
Minnesota	355.9	357.2	357.8	356.2	357.7	358.1	357.7	363.3	364.6	366.5	366.4	364.8	365.9
Mississippi	113.1	110.3	110.9	112.3	112.0	113.0	113.3	112.6	112.5	113.3	112.6	112.7	110.4
Missouri	348.3	339.5	340.5	353.2	352.3	351.2	352.3	346.7	346.3	348.1	350.0	353.6	359.3
Montana	52.1	51.8	51.9	52.1	52.3	51.9	52.1	52.2	52.0	51.9	52.5	53.1	53.2
Nebraska	111.3	108.2	108.5	110.1	111.8	112.0	111.3	109.0	111.7	113.3	112.8	113.0	108.8
Nevada	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
New Hampshire	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
New Jersey	526.5	531.3	532.2	533.1	533.1	535.7	534.3	536.8	536.7	538.1	539.2	538.1	539.8
New Mexico	93.3	93.8	94.4	94.9	95.3	95.5	95.5	96.7	96.9	97.8	99.4	99.1	99.9
New York	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	1,477.5	1,479.5	1,482.3
North Carolina	414.8	412.9	419.7	413.7	412.4	415.4	413.1	412.8	415.3	420.1	423.6	427.1	430.6
North Dakota	46.7	47.3	47.2	46.8	46.6	46.9	47.0	47.1	47.2	47.0	47.3	47.2	47.7
Ohio	709.4	707.6	708.6	710.6	714.1	716.6	717.9	714.1	712.7	715.1	717.1	716.8	716.1
Oklahoma	172.4	172.5	173.7	173.6	173.9	175.2	175.1	173.9	173.9	173.2	173.8	172.2	171.8
Oregon	184.6	187.2	187.8	185.4	184.6	184.2	184.4	185.7	186.1	185.9	187.4	188.4	189.3
Pennsylvania	967.2	975.5	973.6	967.7	964.8	970.1	972.4	978.4	982.7	985.7	985.0	985.6	993.5
Rhode Island	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
South Carolina	172.5	172.2	172.1	176.5	177.8	179.1	178.8	173.0	176.9	176.6	177.1	176.8	175.0
South Dakota	53.9	54.0	54.2	54.3	54.8	54.7	54.9	54.7	54.8	54.6	54.5	54.8	55.1
Tennessee	297.2	297.0	299.2	302.9	303.6	304.3	304.6	303.4	305.4	307.9	308.6	308.2	306.8
Texas	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	1,119.9	1,122.7	1,128.0
Utah	113.1	113.8	114.9	115.7	117.4	117.8	118.0	117.4	117.8	118.1	118.1	114.4	113.9
Vermont	50.3	50.4	50.5	50.6	50.5	50.6	51.0	52.2	50.0	50.0	50.6	52.0	53.3
Virginia	361.0	355.1	358.0	366.3	367.2	368.2	367.9	369.6	369.7	367.1	369.1	368.9	371.7
Washington	306.9	306.6	307.5	308.4	307.3	308.8	310.0	312.2	312.6	312.9	313.5	313.7	314.8
West Virginia	106.6	107.6	107.2	107.3	106.5	106.6	106.5	108.5	107.8	107.5	107.3	107.5	107.9
Wisconsin	358.5	361.6	361.7	359.2	358.6	358.2	358.5	361.3	360.6	361.3	360.8	362.1	362.3
Wyoming	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
Leisure and hospitality													
Alabama	151.4	151.9	152.3	152.6	154.4	155.8	157.1	156.8	154.8	153.2	150.8	151.0	151.2
Alaska	28.9	29.0	28.9	29.0	29.2	29.5	29.4	29.1	29.5	29.5	30.0	29.9	30.0
Arizona	230.9	231.5	229.8	228.8	229.7	229.7	229.2	230.4	230.5	231.2	232.3	232.6	232.0
Arkansas	87.3	87.5	87.9	88.0	87.6	87.0	87.0	86.4	87.6	87.7	88.9	90.0	91.1
California	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	1,401.3	1,406.1	1,411.3
Colorado	248.3	247.0	247.4	247.5	245.5	247.4	246.4	251.8	251.1	252.1	252.8	257.5	257.3
Connecticut	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Delaware	38.1	38.5	38.1	38.6	38.4	38.8	37.9	38.0	37.7	37.8	37.0	36.5	37.8
District of Columbia	47.9	48.3	48.5	48.3	48.6	48.2	48.0	48.3	48.5	49.1	49.7	48.5	48.4
Florida	798.0	805.9	809.0	805.4	805.4	810.5	812.1	808.6	812.0	809.1	818.3	821.2	821.2
Georgia	340.1	337.3	336.0	336.7	339.4	338.8	336.2	335.6	337.4	336.2	339.1	337.3	341.7
Hawaii	97.6	97.6	97.8	97.5	97.3	97.3	98.6	99.1	98.2	98.1	98.2	98.2	99.0
Idaho	53.2	53.3	53.4	53.7	53.6	53.6	54.4	54.0	54.0	54.3	54.6	54.6	54.7
Illinois	491.1	494.9	497.5	500.2	504.6	502.5	501.2	494.2	491.0	485.1	484.0	485.7	491.5
Indiana	267.9	273.9	271.1	272.9	273.8	267.2	263.4	264.7	263.3	260.5	262.1	263.6	266.8
Iowa	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Kansas	108.1	109.1	109.6	109.1	108.3	108.3	108.1	107.3	106.3	107.0	107.3	108.5	108.7
Kentucky	153.1	153.4	153.2	152.3	152.9	153.6	154.2	159.1	156.9	155.7	153.6	153.7	152.0
Louisiana	195.0	196.0	196.0	195.5	193.7	193.5	194.2	193.7	195.8	196.3	196.9	196.4	195.8
Maine	56.8	57.7	57.5	56.3	56.3	56.4	56.4	57.7	57.7	58.1	57.0	57.0	56.6
Maryland	215.7	215.5	216.3	216.8	214.9	215.9	217.2	206.3	205.7	208.0	213.6	218.1	226.0
Massachusetts	284.2	298.4	298.8	290.3	284.6	280.6	279.1	281.0	279.8	281.2	284.1	287.9	293.2
Michigan	397.0	404.1	395.7	394.0	389.7	382.5	382.0	388.4	384.0	379.1	376.0	387.7	392.5
Minnesota	229.1	230.2	232.4	230.6	228.8	229.4	230.2	233.1	229.4	230.3	228.3	229.3	229.7
Mississippi	122.3	124.9	124.6	124.0	123.8	123.4	120.6	119.9	119.9	120.6	120.8	121.4	123.0
Missouri	260.4	259.9	260.8	260.3	256.4	254.9	255.8	255.0	251.3	251.5	252.6	256.9	265.9
Montana	50.7	50.8	50.7	50.6	51.5	51.8	51.1	51.8	51.9	51.3	51.9	52.2	51.2
Nebraska	76.8	79.4	79.9	78.7	77.7	75.7	72.9	72.6	71.9	72.7	74.1	75.7	77.0
Nevada	297.8	300.3	300.4	298.7	297.5	294.9	293.5	296.9	297.7	297.7	299.0	299.3	300.8
New Hampshire	60.5	62.1	61.4	61.7	60.6	60.2	61.1	61.7	61.6	61.7	62.1	62.8	63.7
New Jersey	309.1	309.8	309.1	308.4	310.8	311.0	309.5	310.1	304.7	306.5	311.0	311.8	314.8
New Mexico	80.3	80.8	80.7	80.5	79.1	79.7	80.1	79.6	81.1	81.4	81.8	82.3	82.9
New York	637.5	640.2	641.8	640.4	641.6	638.4	639.2	647.8	643.0	639.4	641.8	643.1	643.3
North Carolina	331.0	322.4	324.0	324.0	321.4	324.5	323.4	330.1	329.7	328.1	326.0	324.6	321.1
North Dakota	29.8	30.9	30.9	30.7	30.3	29.9	29.4	29.5	29.1	29.1	29.3	30.0	30.9
Ohio	485.3	510.1	508.5	497.1	490.0	483.8	476.3	473.0	472.3	466.9	481.8	489.5	499.4
Oklahoma	127.4	127.9	128.4	128.1	127.5	126.1	125.4	124.1	124.4	125.7	127.1	130.9	130.6
Oregon	149.7	152.8	150.9	150.1	150.3	152.2	150.0	151.1	152.5	150.4	148.3	149.3	149.2
Pennsylvania	465.3	466.5	469.9	469.7	465.4	466.6	465.2	467.4	470.4	470.5	468.8	468.9	470.9
Rhode Island	47.9	49.3	49.2	48.9	48.8	48.2	48.0	48.1	47.8	47.1	47.6	47.7	47.7
South Carolina	188.1	182.4	179.3	183.9	186.8	190.2	194.4	197.8	192.2	183.9	180.5	181.0	178.3
South Dakota	39.4	39.8	39.8	39.8	40.1	39.8	39.1	37.6	38.2	38.5	39.1	40.2	41.9
Tennessee	237.5	239.5	242.1	240.0	238.2	237.9	236.9	238.2	238.5	238.4	242.8	242.3	242.9
Texas	846.6	845.7	849.3	850.1	847.8	847.1	847.4	844.9	844.7	844.5	847.0	852.2	850.3
Utah	99.3	99.0	98.7	98.5	97.3	96.7	99.1	100.0	99.1	97.1	96.7	97.8	99.3
Vermont	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Virginia	303.4	305.5	306.0	305.4	309.8	307.2	304.3	306.0	307.8	311.6	314.9	315.4	316.0
Washington	245.1	246.9	246.2	244.1	248.9	247.1	245.1	246.1	246.0	242.7	244.1	245.6	246.8
West Virginia	63.8	65.0	64.8	64.8	65.2	63.4	63.4	64.7	65.2	63.7	63.3	64.2	64.7
Wisconsin	238.3	245.4	244.9	239.9	238.0	236.4	237.6	240.7	237.1	236.8	236.8	241.0	242.6
Wyoming	30.0	30.2	29.8	30.4	29.7	29.7	30.6	30.6	31.0	30.7	30.9	29.7	30.0

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
Government													
Alabama	354.0	352.2	355.2	355.8	354.9	354.8	355.0	355.2	354.6	354.6	354.5	356.4	358.0
Alaska	81.0	81.0	81.2	81.6	82.2	82.1	82.5	82.5	81.7	81.6	81.6	81.6	82.3
Arizona	390.3	386.9	394.4	387.2	388.2	394.0	390.6	386.0	387.4	386.8	389.1	391.8	392.0
Arkansas	193.2	193.2	193.8	195.6	196.3	196.5	196.3	195.3	195.9	196.3	196.2	196.3	195.5
California	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	2,450.9	2,441.8	2,445.2
Colorado	356.2	358.4	360.2	361.1	365.0	365.9	366.3	365.9	363.3	363.8	360.7	362.6	361.6
Connecticut	250.6	246.2	251.2	248.3	245.6	247.5	246.4	251.2	246.7	246.2	245.8	245.7	245.2
Delaware	55.5	53.9	53.6	57.2	56.7	56.7	56.5	56.2	55.8	55.7	56.4	56.9	55.9
District of Columbia	231.6	231.3	232.6	231.5	230.7	228.8	230.1	232.0	232.4	233.0	231.4	230.5	229.4
Florida	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	1,066.0	1,068.5	1,072.1
Georgia	622.7	625.7	629.5	631.9	630.7	633.0	632.7	632.8	631.5	630.1	629.2	626.1	625.3
Hawaii	120.7	117.7	118.0	118.4	119.5	119.3	119.5	121.2	119.5	118.9	118.0	118.3	117.3
Idaho	112.0	111.8	111.6	111.9	111.5	112.4	112.0	112.8	111.6	112.3	112.3	111.7	112.5
Illinois	863.4	857.2	858.2	859.2	862.0	860.6	865.8	861.7	849.3	847.2	850.6	848.9	855.3
Indiana	406.5	414.8	418.3	417.3	419.3	421.0	418.1	418.1	416.6	419.9	419.2	421.3	413.2
Iowa	244.1	242.9	242.4	243.5	243.8	244.3	244.5	241.3	245.9	246.1	245.2	246.3	245.2
Kansas	253.6	251.7	253.0	251.5	252.5	253.0	252.2	253.4	253.9	251.6	250.4	251.4	249.5
Kentucky	313.3	311.4	313.3	313.2	313.1	313.9	312.9	315.2	311.5	311.0	311.2	311.5	314.9
Louisiana	376.2	375.2	376.4	375.7	375.6	376.3	376.6	377.9	376.0	375.0	375.7	376.5	376.1
Maine	103.5	103.7	103.0	102.9	103.1	102.5	103.1	103.2	103.5	103.5	104.0	104.1	104.8
Maryland	460.6	447.6	461.8	463.4	463.3	463.4	463.1	463.3	462.7	461.4	462.7	463.5	460.9
Massachusetts	427.4	430.2	429.4	430.2	429.9	429.6	428.9	426.1	425.3	424.7	424.9	422.5	425.3
Michigan	682.5	670.4	678.7	686.3	691.4	694.2	690.8	685.5	690.0	684.2	683.9	687.3	674.5
Minnesota	404.0	408.5	403.8	406.7	406.0	407.4	406.7	403.1	405.0	403.7	403.2	400.8	398.9
Mississippi	239.8	244.6	244.2	242.1	242.3	243.2	243.0	243.5	243.4	243.3	244.7	243.5	243.6
Missouri	425.3	405.7	416.6	414.6	416.9	416.5	417.7	414.5	415.7	415.7	415.4	427.3	424.8
Montana	86.3	84.9	84.5	84.5	84.1	84.0	83.0	81.9	83.6	83.4	84.5	85.0	87.7
Nebraska	159.0	158.0	158.6	159.4	160.7	160.0	160.5	160.4	160.6	160.9	161.9	159.0	159.0
Nevada	130.9	130.5	131.2	131.5	133.1	133.2	133.6	133.6	134.2	134.1	134.1	134.7	136.8
New Hampshire	89.0	87.4	87.7	90.0	87.9	87.9	85.3	88.7	88.9	88.9	88.9	86.8	89.0
New Jersey	616.8	608.0	611.3	617.8	617.4	617.8	618.2	619.0	619.6	619.5	623.2	625.8	624.2
New Mexico	190.7	190.7	190.8	190.9	192.0	192.8	192.9	192.0	192.1	192.1	192.5	192.0	191.9
New York	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	1,465.3	1,464.0	1,465.4
North Carolina	628.3	656.0	646.9	647.2	657.7	659.3	654.1	655.7	655.2	657.9	661.6	664.2	680.9
North Dakota	75.0	70.5	71.7	75.2	75.7	75.8	75.8	74.6	74.7	74.9	74.7	74.5	75.0
Ohio	797.3	803.1	801.9	797.8	796.0	797.4	795.7	797.5	794.6	793.8	795.4	793.1	794.6
Oklahoma	296.7	274.5	290.5	297.8	298.8	298.4	298.1	298.2	297.8	295.9	295.6	295.6	296.4
Oregon	273.8	275.1	275.4	275.4	273.4	273.4	272.9	273.4	271.5	270.1	269.4	268.2	266.9
Pennsylvania	741.4	734.3	739.4	744.4	746.5	748.9	748.1	745.4	751.1	751.4	750.4	753.3	750.9
Rhode Island	66.1	66.5	66.5	66.0	65.9	66.2	66.1	66.0	65.7	66.0	65.6	65.4	65.5
South Carolina	322.7	315.4	335.0	334.6	335.0	336.0	336.0	332.3	334.7	334.3	335.0	334.1	324.9
South Dakota	74.2	74.8	74.7	74.4	75.1	75.1	75.3	74.2	74.1	74.3	74.0	74.1	74.6
Tennessee	409.5	407.4	409.2	411.1	409.6	410.6	410.1	412.9	413.2	413.5	414.0	414.3	415.8
Texas	1,623.4	1,622.3	1,625.0	1,628.4	1,638.5	1,637.8	1,643.3	1,639.3	1,642.3	1,646.6	1,649.4	1,651.3	1,654.5
Utah	194.5	197.1	196.8	195.0	195.6	195.9	196.0	197.2	195.5	196.1	196.5	194.2	197.0
Vermont	51.1	50.6	50.9	50.9	51.1	51.2	50.4	52.2	51.8	52.0	52.4	52.2	52.3
Virginia	635.7	636.8	637.4	637.7	638.7	638.0	634.1	638.5	639.2	636.6	639.5	640.8	646.5
Washington	514.2	517.4	516.4	519.6	526.1	524.1	525.4	524.5	523.5	522.9	523.9	526.9	522.9
West Virginia	142.4	139.7	142.2	142.9	142.1	142.4	142.2	141.5	143.1	142.0	143.2	142.4	140.5
Wisconsin	410.9	409.8	410.6	408.9	418.3	420.0	418.0	409.7	417.8	416.3	415.3	412.8	416.6
Wyoming	62.9	62.7	62.7	62.8	62.6	62.4	62.1	62.8	62.9	63.1	63.5	63.3	63.6

¹ Includes natural resources and mining, information, and other services, not shown separately.

² Natural resources and mining is combined with construction.

³ 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.

^P = 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.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

B-8. Average weekly hours of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted

Industry	2002						2003						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Total private	33.8	33.9	33.9	33.8	33.8	33.8	33.8	33.7	33.8	33.7	33.7	33.7	33.6
Goods-producing	39.8	39.9	40.0	39.7	39.7	39.8	40.0	39.6	39.9	39.5	39.7	39.7	39.5
Natural resources and mining	43.0	43.3	43.0	43.0	42.3	43.0	43.1	43.3	44.2	43.4	43.8	43.7	43.0
Construction	38.2	38.5	38.7	38.2	38.0	38.2	38.9	37.6	38.7	37.9	38.5	38.4	38.2
Manufacturing	40.4	40.5	40.5	40.3	40.4	40.5	40.4	40.4	40.4	40.1	40.2	40.3	40.1
Overtime hours	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.3	4.1	4.0	4.1	4.0	4.0
Durable goods	40.6	40.7	40.8	40.6	40.6	40.9	40.8	40.7	40.6	40.3	40.5	40.7	40.5
Overtime hours	4.2	4.2	4.2	4.3	4.3	4.3	4.4	4.3	4.1	4.0	4.1	4.1	4.0
Wood products	39.8	39.8	39.9	39.9	39.8	39.9	40.0	39.9	40.1	40.0	39.9	40.3	40.6
Nonmetallic mineral products	42.1	42.1	42.0	41.9	41.6	41.9	42.1	42.0	42.6	42.0	42.4	42.2	41.7
Primary metals	42.2	42.3	42.1	42.4	42.2	42.6	42.4	42.5	42.6	42.2	42.2	41.9	41.6
Fabricated metal products	40.7	40.7	40.7	40.6	40.4	40.5	40.6	40.5	40.5	40.3	40.6	40.5	40.4
Machinery	40.5	40.6	40.5	40.5	40.6	40.5	40.5	40.9	40.5	40.6	40.6	40.8	40.6
Computer and electronic products	39.3	39.6	40.3	39.3	40.2	40.5	39.9	39.8	40.3	40.1	40.5	40.4	40.4
Electrical equipment and appliances	40.0	40.2	40.0	39.9	40.2	40.6	40.3	40.8	40.6	40.0	40.3	41.0	40.7
Transportation equipment	42.0	42.4	42.6	42.4	42.2	42.4	42.5	42.2	41.4	41.2	41.2	41.4	41.3
Furniture and related products	39.3	38.8	38.8	38.7	38.7	39.9	38.8	38.6	38.2	37.9	38.4	39.0	38.8
Miscellaneous manufacturing	38.5	38.4	38.5	38.8	38.6	38.8	38.9	38.6	38.3	38.0	38.1	38.6	38.4
Nondurable goods	40.1	40.1	39.9	39.9	40.0	40.0	39.8	39.9	40.0	39.8	39.7	39.7	39.4
Overtime hours	4.2	4.3	4.1	4.1	4.2	4.4	4.3	4.3	4.2	4.1	4.0	3.9	3.9
Food manufacturing	39.6	39.6	39.4	39.4	39.5	39.4	39.1	39.1	39.6	39.4	39.3	39.3	38.9
Beverages and tobacco products	39.7	39.4	37.9	39.4	39.0	38.5	39.3	39.3	39.4	39.6	39.0	38.9	38.8
Textile mills	40.8	40.5	40.2	40.0	40.1	40.4	39.2	40.0	39.5	39.1	38.4	38.6	37.4
Textile product mills	39.1	39.2	38.9	38.9	38.7	39.3	39.2	39.2	39.0	38.5	39.0	39.0	39.6
Apparel	37.2	36.9	36.9	35.8	36.5	36.3	36.2	36.0	35.9	35.6	35.4	35.0	34.5
Leather and allied products	37.2	37.3	37.9	38.5	38.9	39.0	39.3	39.4	39.7	39.3	39.3	38.9	39.8
Paper and paper products	41.8	41.9	41.8	41.5	41.5	41.8	41.6	41.8	41.8	41.6	41.4	41.4	41.3
Printing and related support activities	38.2	38.5	38.4	38.5	38.4	38.5	38.5	38.3	38.5	38.0	37.9	38.2	38.0
Petroleum and coal products	42.7	42.7	42.9	43.5	43.6	44.0	43.9	45.1	45.8	44.3	44.1	44.2	44.2
Chemicals	42.2	42.5	42.5	42.5	42.6	42.3	42.3	42.8	42.7	42.4	42.2	42.2	42.1
Plastics and rubber products	40.6	40.7	40.4	40.5	40.3	40.3	40.2	40.3	40.2	40.0	40.3	40.1	39.8
Private service-providing	32.4	32.5	32.6	32.5	32.5	32.5	32.4	32.4	32.5	32.4	32.4	32.3	32.3
Trade, transportation, and utilities	33.5	33.5	33.7	33.6	33.6	33.5	33.5	33.4	33.6	33.4	33.4	33.4	33.3
Wholesale trade	37.9	38.0	38.0	37.8	37.9	37.8	37.6	37.7	37.8	37.8	37.8	37.8	37.7
Retail trade	30.9	30.8	30.9	30.9	30.8	30.8	30.8	30.7	30.9	30.8	30.8	30.7	30.6
Transportation and warehousing	36.6	36.6	37.1	36.9	37.0	37.0	36.9	36.7	36.8	36.5	36.6	36.7	36.8
Utilities	40.8	40.9	41.0	41.0	41.1	41.2	41.2	41.2	41.4	41.0	40.9	41.0	41.0
Information	36.4	36.4	36.3	36.5	36.6	36.4	35.9	36.2	36.3	36.2	36.4	36.4	36.4
Financial activities	35.5	35.6	35.6	35.5	35.6	35.7	35.6	35.6	35.6	35.5	35.6	35.5	35.4
Professional and business services	34.0	34.2	34.4	34.2	34.2	34.2	34.3	34.3	34.2	34.0	34.1	34.0	34.1
Education and health services	32.4	32.6	32.5	32.5	32.5	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5
Leisure and hospitality	25.6	25.7	25.9	25.9	25.9	25.8	25.8	25.6	25.7	25.6	25.6	25.5	25.4
Other services	32.0	32.0	32.1	32.0	32.0	31.9	31.8	31.9	31.9	31.8	31.8	31.8	31.7

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

^P= preliminary.

NOTE: Establishment survey estimates are currently projected from March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May 2004 estimates, all seasonally adjusted data from

January 1999 forward are subject to revision. The 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 with the SIC-based data.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

B-9. Indexes of aggregate weekly hours of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted

(2002=100)

Industry	2002						2003						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Total private	99.7	99.9	99.9	99.7	99.6	99.4	99.4	99.0	99.0	98.8	98.7	98.7	98.3
Goods-producing	99.5	99.4	99.5	98.5	98.3	98.2	98.3	96.9	97.1	96.0	96.3	96.0	95.2
Natural resources and mining	97.9	98.6	97.4	97.7	95.8	96.7	95.8	96.7	97.6	95.8	96.9	96.9	94.9
Construction	98.7	99.7	100.2	98.7	98.3	98.5	100.0	96.3	98.7	97.5	99.2	99.0	98.5
Manufacturing	99.9	99.5	99.3	98.5	98.4	98.2	97.6	97.2	96.6	95.2	95.1	94.9	93.9
Durable goods	99.6	99.3	99.2	98.4	98.0	98.3	97.7	96.9	96.0	94.6	94.7	94.8	93.7
Wood products	99.4	99.3	99.5	99.4	98.8	98.3	99.0	98.6	97.9	97.9	97.3	97.5	98.0
Nonmetallic mineral products	99.9	99.9	99.3	98.6	97.2	97.0	96.7	95.7	97.1	95.5	96.2	95.6	93.9
Primary metals	99.5	99.6	98.7	98.9	98.1	98.3	97.9	97.4	97.2	95.6	94.6	92.8	91.0
Fabricated metal products	100.2	99.8	99.5	98.9	97.8	97.6	97.3	96.2	96.1	95.1	95.3	94.6	93.7
Machinery	99.6	99.1	98.7	98.2	98.3	97.6	97.1	97.6	95.9	95.4	94.8	94.8	94.1
Computer and electronic products	99.1	98.8	99.8	97.2	98.8	99.3	97.1	96.4	96.4	95.4	95.8	95.1	94.7
Electrical equipment and appliances	100.1	99.3	98.1	97.3	97.2	97.8	96.3	96.8	95.6	93.5	92.6	93.8	92.6
Transportation equipment	98.5	99.4	99.5	99.3	98.4	98.8	99.1	98.1	95.3	93.4	94.0	94.3	93.2
Furniture and related products	101.3	98.9	97.8	96.9	96.6	98.9	95.6	94.1	92.8	90.7	92.1	93.3	92.9
Miscellaneous manufacturing	99.6	99.1	99.3	99.5	99.1	98.8	98.5	97.2	96.1	95.2	94.6	95.5	94.2
Nondurable goods	100.2	99.5	99.0	98.7	98.7	98.2	97.5	97.5	97.1	96.1	95.6	95.1	93.9
Food manufacturing	99.6	99.2	99.1	99.3	99.6	99.2	98.3	98.2	99.0	98.4	98.1	98.1	97.0
Beverages and tobacco products	102.5	100.5	95.3	97.2	94.3	91.3	91.8	91.9	90.3	88.4	87.4	86.4	87.3
Textile mills	100.8	99.1	97.8	96.5	96.8	96.9	94.2	95.3	93.4	91.2	87.7	87.2	81.9
Textile product mills	99.7	100.2	98.8	98.8	98.2	99.1	97.5	98.0	96.8	94.5	95.0	94.1	94.9
Apparel	103.0	99.8	99.0	94.8	95.1	93.1	91.0	88.7	86.4	84.1	82.3	79.5	76.6
Leather and allied products	104.7	96.0	98.3	99.9	98.8	97.8	97.5	95.0	95.0	92.0	91.2	87.6	91.2
Paper and paper products	99.8	99.9	99.3	98.2	98.1	97.9	97.1	97.3	96.3	95.3	94.4	93.9	93.2
Printing and related support activities	99.2	99.2	98.7	98.7	98.0	97.3	97.6	97.4	98.0	96.3	96.3	96.8	96.0
Petroleum and coal products	98.3	97.8	99.1	100.0	101.0	102.2	102.4	105.0	105.3	99.8	100.2	100.1	99.8
Chemicals	99.7	99.9	100.2	100.0	100.2	99.8	99.9	100.9	100.4	100.1	99.3	98.9	98.6
Plastics and rubber products	100.6	100.2	99.5	99.4	98.9	98.3	98.4	98.5	97.7	96.7	97.2	96.1	95.0
Private service-providing	99.6	99.9	100.2	100.1	100.0	99.9	99.7	99.6	99.7	99.5	99.4	99.2	99.2
Trade, transportation, and utilities	99.7	99.5	100.0	99.6	99.4	98.9	98.9	98.4	98.9	98.3	98.1	97.9	97.4
Wholesale trade	99.8	99.7	99.8	98.9	98.8	98.4	97.7	97.8	97.9	97.9	97.7	97.3	96.8
Retail trade	100.1	99.6	99.7	99.7	99.3	99.2	99.2	98.7	99.4	99.1	99.0	98.5	98.1
Transportation and warehousing	99.6	99.5	100.4	99.9	99.8	99.3	99.2	98.5	98.1	97.1	97.1	97.0	96.8
Utilities	99.9	100.1	100.4	100.4	100.3	100.5	100.2	100.1	100.4	99.1	98.7	98.6	98.8
Information	99.1	98.7	98.1	99.4	99.4	98.0	98.1	98.8	99.1	98.8	99.4	99.6	99.6
Financial activities	99.6	99.9	100.3	100.3	100.6	100.9	100.8	100.9	101.0	101.0	101.5	101.3	101.1
Professional and business services	99.1	99.8	100.2	99.9	99.6	99.2	99.7	99.8	98.8	98.3	98.6	98.4	99.1
Education and health services	100.2	101.0	100.8	101.0	101.1	100.9	101.3	101.3	101.4	101.7	101.8	101.8	101.8
Leisure and hospitality	98.6	99.1	100.2	100.6	100.7	100.3	100.6	99.4	99.5	99.1	98.9	98.8	98.5
Other services	99.6	99.6	99.9	99.5	99.7	98.9	98.5	98.7	98.6	98.2	98.1	98.3	98.0

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

^P= preliminary.

NOTE: Establishment survey estimates are currently projected from March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May 2004 estimates, all seasonally adjusted data from

January 1999 forward are subject to revision. The 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 with the SIC-based data.

**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) ¹			Percent change		
	May 2003	June 2003 ^P	July 2003 ^P	July 2002 to July 2003 ^P	May 2003 to June 2003 ^P	June 2003 to July 2003 ^P
Total.....	232,908	232,629	231,450	-1.1	-0.1	-0.5
Private sector	192,538	192,236	191,681	-.8	-.2	-.3
Natural resources and mining	1,918	1,928	1,889	-2.2	.5	-2.0
Construction	13,555	13,552	13,509	1.5	.0	-.3
Manufacturing	30,821	30,736	30,487	-5.1	-.3	-.8
Durable goods	19,144	19,112	18,956	-5.3	-.2	-.8
Nondurable goods	11,677	11,624	11,531	-4.7	-.5	-.8
Trade, transportation, and utilities	44,053	43,901	43,739	-2.0	-.3	-.4
Information	6,250	6,257	6,212	-4.0	.1	-.7
Financial activities	14,755	14,716	14,684	1.6	-.3	-.2
Professional and business services	28,501	28,497	28,580	1.0	.0	.3
Education and health services	27,876	27,864	27,862	2.3	.0	.0
Leisure and hospitality	15,997	15,995	15,946	.5	.0	-.3
Other services	8,813	8,790	8,772	-1.0	-.3	-.2
Government	40,370	40,393	39,770	-2.6	.1	-1.5

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

^P = 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 workers¹ on private nonfarm payrolls by major industry sector and selected industry detail, seasonally adjusted

(2002=100)

Industry	2002						2003						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P	July ^P
Average hourly earnings													
Total private (in current dollars)	\$14.97	\$15.02	\$15.05	\$15.10	\$15.14	\$15.20	\$15.22	\$15.29	\$15.29	\$15.30	\$15.35	\$15.39	\$15.44
Goods-producing	16.31	16.38	16.44	16.48	16.52	16.60	16.63	16.65	16.68	16.71	16.76	16.80	16.82
Natural resources and mining	17.16	17.27	17.29	17.21	17.48	17.37	17.45	17.45	17.54	17.67	17.55	17.60	17.61
Construction	18.55	18.57	18.65	18.66	18.69	18.81	18.77	18.84	18.83	18.90	18.95	18.98	18.98
Manufacturing	15.27	15.34	15.38	15.45	15.48	15.55	15.59	15.63	15.64	15.63	15.68	15.73	15.74
Excluding overtime ²	14.52	14.58	14.62	14.68	14.70	14.77	14.78	14.84	14.88	14.89	14.92	14.99	14.99
Durable goods	15.97	16.08	16.12	16.19	16.25	16.28	16.33	16.35	16.34	16.33	16.37	16.42	16.41
Nondurable goods	14.17	14.19	14.22	14.29	14.29	14.41	14.44	14.50	14.55	14.56	14.61	14.64	14.70
Private service-providing	14.59	14.63	14.67	14.72	14.76	14.81	14.82	14.92	14.91	14.91	14.97	15.01	15.06
Trade, transportation, and utilities	14.01	14.06	14.10	14.13	14.17	14.19	14.21	14.29	14.26	14.24	14.31	14.35	14.41
Wholesale trade	16.95	17.02	17.05	17.09	17.14	17.13	17.16	17.25	17.22	17.25	17.29	17.34	17.36
Retail trade	11.67	11.71	11.75	11.77	11.79	11.83	11.85	11.88	11.85	11.83	11.90	11.93	11.97
Transportation and warehousing	15.78	15.80	15.83	15.92	16.02	16.02	16.05	16.22	16.22	16.18	16.25	16.30	16.43
Utilities	23.95	24.08	24.09	23.96	24.02	24.09	24.05	24.19	24.36	24.33	24.48	24.58	24.67
Information	20.20	20.13	20.43	20.49	20.55	20.74	20.70	20.79	20.90	20.97	21.09	21.12	21.21
Financial activities	16.21	16.34	16.40	16.51	16.51	16.56	16.69	16.77	16.78	16.93	17.02	17.20	17.38
Professional and business services	16.88	16.86	16.89	16.99	17.04	17.09	17.02	17.17	17.20	17.23	17.24	17.22	17.22
Education and health services	15.23	15.33	15.36	15.42	15.45	15.52	15.57	15.61	15.63	15.57	15.64	15.69	15.73
Leisure and hospitality	8.59	8.60	8.61	8.62	8.66	8.73	8.71	8.77	8.72	8.71	8.73	8.76	8.77
Other services	13.75	13.80	13.81	13.86	13.89	13.94	13.98	14.03	14.02	13.98	13.97	13.99	14.00
Total private (in constant (1982) dollars) ³	8.23	8.24	8.24	8.26	8.27	8.30	8.28	8.26	8.22	8.27	8.31	8.31	(⁴)
Goods-producing	8.97	8.99	9.00	9.01	9.03	9.06	9.05	9.00	8.97	9.03	9.07	9.07	(⁴)
Private service-providing	8.03	8.03	8.03	8.05	8.07	8.08	8.06	8.06	8.02	8.06	8.10	8.10	(⁴)
Average weekly earnings													
Total private (in current dollars)	\$505.99	\$509.18	\$510.20	\$510.38	\$511.73	\$513.76	\$514.44	\$515.27	\$516.80	\$515.61	\$517.30	\$518.64	\$518.78
Goods-producing	649.14	653.56	657.60	654.26	655.84	660.68	665.20	659.34	665.53	660.05	665.37	666.96	664.39
Natural resources and mining	737.88	747.79	743.47	740.03	739.40	746.91	752.10	755.59	775.27	766.88	768.69	769.12	757.23
Construction	708.61	714.95	721.76	712.81	710.22	718.54	730.15	708.38	728.72	716.31	729.58	728.83	725.04
Manufacturing	616.91	621.27	622.89	622.64	625.39	629.78	629.84	631.45	631.86	626.76	630.34	633.92	631.17
Durable goods	648.38	654.46	657.70	657.31	659.75	665.85	666.26	665.45	663.40	658.10	662.99	668.29	664.61
Nondurable goods	568.22	569.02	567.38	570.17	571.60	576.40	574.71	578.55	582.00	579.49	580.02	581.21	579.18
Private service-providing	472.72	475.48	478.24	478.40	479.70	481.33	480.17	483.41	484.58	483.08	485.03	484.82	486.44
Trade, transportation, and utilities	469.34	471.01	475.17	474.77	476.11	475.37	476.04	477.29	479.14	475.62	477.95	479.29	479.85
Wholesale trade	642.41	646.76	647.90	646.00	649.61	647.51	645.22	650.33	650.92	652.05	653.56	655.45	654.47
Retail trade	360.60	360.67	363.08	363.69	363.13	364.36	364.98	364.72	366.17	364.36	366.52	366.25	366.28
Transportation and warehousing	577.55	578.28	587.29	587.45	592.74	592.74	592.25	595.27	596.90	590.57	594.75	598.21	604.62
Utilities	977.16	984.87	987.69	982.36	987.22	992.51	990.86	996.63	1,008.50	997.53	1,001.23	1,007.78	1,011.47
Information	735.28	732.73	741.61	747.89	752.13	754.94	743.13	752.60	758.67	759.11	767.68	768.77	772.04
Financial activities	575.46	581.70	583.84	586.11	587.76	591.19	594.16	597.01	597.37	601.02	605.91	610.60	615.25
Professional and business services	573.92	576.61	581.02	581.06	582.77	584.48	583.79	588.93	588.24	585.82	587.88	585.48	587.20
Education and health services	493.45	499.76	499.20	501.15	502.13	502.85	506.03	507.33	507.98	506.03	508.30	509.93	511.23
Leisure and hospitality	219.90	221.02	223.00	223.26	224.29	225.23	224.72	224.51	224.10	222.98	223.49	223.38	222.76
Other services	440.00	441.60	443.30	443.52	444.48	444.69	444.56	447.56	447.24	444.56	444.25	444.88	443.80
Total private (in constant (1982) dollars) ³	278.32	279.46	279.41	279.05	279.63	280.44	279.89	278.52	277.85	278.56	279.92	280.04	(⁴)
Goods-producing	357.06	358.70	360.13	357.71	358.38	360.63	361.92	356.40	357.81	356.59	360.05	360.13	(⁴)
Private service-providing	260.02	260.97	261.91	261.56	262.13	262.73	261.25	261.30	260.53	260.98	262.46	261.78	(⁴)

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

² Derived by assuming that overtime hours are paid at the rate of time and one-half.

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

⁴ Data not available.

^P = preliminary

NOTE: Establishment survey estimates are currently projected from March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May 2004 estimates, all seasonally adjusted data from January 1999 forward are subject to revision. The 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 with the SIC-based data.

**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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Total nonfarm.....		131,423	130,001	130,641	130,952	129,597	--	--	--	--	--
Total private.....		109,901	109,661	108,735	109,439	109,269	89,357	89,077	87,920	88,556	88,384
Goods-producing.....		22,957	22,914	22,145	22,385	22,310	16,738	16,677	15,967	16,172	16,092
Natural resources and mining.....		586	586	564	576	576	437	436	413	421	422
Logging	1133	70.0	70.5	61.9	66.8	66.9	58.1	58.5	49.9	54.2	--
Mining	21	516.3	515.0	501.9	509.4	509.4	379.2	377.1	362.6	366.3	--
Oil and gas extraction	211	123.9	123.0	124.8	127.6	128.7	67.1	66.3	69.6	68.7	--
Mining, except oil and gas	212	215.3	214.6	209.9	212.9	212.7	168.5	166.8	161.9	164.5	--
Coal mining	2121	74.5	74.0	72.0	73.0	72.9	63.0	61.1	60.4	61.2	--
Bituminous coal and lignite surface mining.....	212111	33.6	33.6	31.9	32.2	--	27.6	27.5	25.9	26.0	--
Bituminous coal underground mining and anthracite mining.....	212112,3	40.9	40.4	40.1	40.8	--	35.4	33.6	34.5	35.2	--
Metal ore mining	2122	29.8	29.7	29.4	29.9	--	22.0	22.0	21.7	21.9	--
Nonmetallic mineral mining and quarrying.....	2123	111.0	110.9	108.5	110.0	--	83.5	83.7	79.8	81.4	--
Stone mining and quarrying	21231	48.9	48.9	46.0	47.2	--	37.4	37.7	33.6	34.9	--
Crushed and broken limestone mining.....	212312	27.5	27.6	27.1	27.8	--	21.6	21.7	20.3	20.9	--
Other stone mining and quarrying	212311,3,9	21.4	21.3	18.9	19.4	--	15.8	16.0	13.3	14.0	--
Sand, gravel, clay, and refractory mining.....	21232	46.9	47.0	46.8	47.3	--	35.1	35.2	34.6	35.1	--
Construction sand and gravel mining.....	212321	34.3	34.7	34.4	34.9	--	25.6	25.8	25.2	25.6	--
Other nonmetallic mineral mining	21239	15.2	15.0	15.7	15.5	--	11.0	10.8	11.6	11.4	--
Support activities for mining	213	177.1	177.4	167.2	168.9	168.0	143.6	144.0	131.1	133.1	--
Support activities for oil and gas operations.....	213112	120.9	120.3	115.2	116.4	--	95.4	95.0	85.8	86.7	--
Construction.....		6,936	7,002	6,837	7,021	7,106	5,401	5,451	5,208	5,376	5,447
Construction of buildings	236	1,618.0	1,629.6	1,616.2	1,655.2	1,661.5	1,148.0	1,153.6	1,101.1	1,131.7	--
Residential building	2361	826.0	834.3	847.7	876.8	--	579.9	583.5	567.1	587.9	--
New single-family general contractors.....	236115	522.6	527.6	542.4	565.8	--	371.6	373.3	362.4	378.8	--
New multifamily general contractors	236116	29.4	30.1	31.2	31.5	--	--	--	--	--	--
Residential remodelers	236118	246.6	248.9	246.8	252.0	--	177.2	178.9	172.0	175.9	--
Nonresidential building	2362	792.0	795.3	768.5	778.4	--	568.1	570.1	534.0	543.8	--
Industrial building	23621	197.9	199.5	199.8	196.6	--	149.2	150.9	144.5	141.5	--
Commercial building	23622	594.1	595.8	568.7	581.8	--	418.9	419.2	389.5	402.3	--
Heavy and civil engineering construction	237	988.9	989.8	930.6	963.3	975.8	812.2	810.1	738.5	768.3	--
Utility system construction	2371	389.6	387.6	362.4	375.9	--	324.4	321.0	299.0	312.5	--
Water and sewer system construction	23711	186.7	189.6	178.5	186.0	--	150.4	152.5	143.1	150.0	--
Oil and gas pipeline construction	23712	78.5	75.4	69.8	74.1	--	69.8	66.6	61.4	65.1	--
Power and communication system construction.....	23713	124.4	122.6	114.1	115.8	--	104.2	101.9	94.5	97.4	--
Land subdivision	2372	88.4	86.5	86.4	87.7	--	62.8	62.3	53.0	52.4	--
Highway, street, and bridge construction.....	2373	383.8	389.7	360.1	372.8	--	321.3	325.6	291.3	304.3	--
Other heavy construction	2379	127.1	126.0	121.7	126.9	--	103.7	101.2	95.2	99.1	--
Specialty trade contractors	238	4,329.1	4,382.2	4,290.6	4,402.0	4,468.7	3,441.1	3,487.3	3,368.6	3,476.2	--
Building foundation and exterior contractors.....	2381	939.8	951.9	941.8	965.5	--	792.0	802.7	781.9	804.3	--
Poured concrete structure contractors	23811	192.7	195.6	198.5	202.8	--	166.5	168.1	171.3	175.2	--
Steel and precast concrete contractors.....	23812	85.4	83.4	82.1	84.5	--	73.0	71.0	67.8	69.8	--
Framing contractors	23813	129.9	132.3	134.5	136.8	--	118.3	120.5	118.4	121.2	--
Masonry contractors	23814	225.7	225.9	220.1	227.8	--	199.5	200.8	194.8	201.5	--
Glass and glazing contractors	23815	56.6	57.1	52.0	51.5	--	39.1	39.9	35.0	34.2	--
Roofing contractors	23816	183.2	188.1	187.5	194.9	--	145.0	149.7	146.2	153.4	--
Siding contractors	23817	35.2	37.1	35.3	35.5	--	--	--	--	--	--
Other building exterior contractors	23819	31.1	32.4	31.8	31.7	--	--	--	--	--	--
Building equipment contractors	2382	1,863.6	1,885.6	1,837.2	1,874.8	--	1,430.1	1,451.5	1,384.4	1,418.4	--
Electrical contractors	23821	909.2	917.0	884.7	905.1	--	714.3	721.2	677.1	696.8	--
Plumbing and HVAC contractors	23822	846.2	858.4	838.4	858.9	--	633.5	645.2	625.1	643.0	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Construction-Continued											
Other building equipment contractors	23829	108.2	110.2	114.1	110.8	--	82.3	85.1	82.2	78.6	--
Building finishing contractors	2383	902.6	912.1	888.0	915.7	--	724.9	732.3	708.6	737.4	--
Drywall and insulation contractors	23831	323.0	320.4	309.6	311.0	--	279.2	276.3	268.0	269.0	--
Painting and wall covering contractors	23832	231.5	240.2	224.3	239.8	--	194.8	202.7	184.9	200.3	--
Flooring contractors	23833	79.9	82.6	79.9	81.5	--	56.0	58.6	54.9	56.4	--
Tile and terrazzo contractors	23834	57.8	57.3	65.9	68.1	--	40.3	39.8	49.0	51.8	--
Finish carpentry contractors	23835	143.9	145.1	143.6	148.4	--	102.9	103.6	103.5	108.7	--
Other building finishing contractors	23839	66.5	66.5	64.7	66.9	--	51.7	51.3	48.3	51.2	--
Other specialty trade contractors	2389	623.1	632.6	623.6	646.0	--	494.1	500.8	493.7	516.1	--
Site preparation contractors	23891	312.4	314.9	316.1	324.3	--	253.1	256.2	254.8	264.6	--
All other specialty trade contractors	23899	310.7	317.7	307.5	321.7	--	241.0	244.6	238.9	251.5	--
Manufacturing		15,435	15,326	14,744	14,788	14,628	10,900	10,790	10,346	10,375	10,223
Durable goods		9,602	9,515	9,123	9,142	9,022	6,615	6,531	6,256	6,268	6,161
Wood products	321	566.0	564.4	546.4	549.0	549.9	456.9	457.1	439.6	441.2	441.5
Sawmills and wood preservation	3211	122.3	122.2	117.6	117.2	--	104.2	104.2	98.5	98.0	--
Plywood and engineered wood products.....	3212	118.7	118.8	117.3	118.0	--	96.0	96.0	95.3	96.6	--
Hardwood and softwood veneer and plywood.....	321211,2	48.9	48.4	46.4	45.3	--	42.4	41.7	40.6	39.9	--
Engineered wood members and trusses	321213,4	50.0	50.4	50.4	52.5	--	37.2	37.6	37.6	39.8	--
Other wood products	3219	325.0	323.4	311.5	313.8	--	256.7	256.9	245.8	246.6	--
Millwork	32191	155.4	155.4	147.9	150.1	--	121.5	122.9	115.2	116.2	--
Wood windows and doors	321911	72.4	72.0	68.2	69.2	--	56.9	56.9	53.3	54.0	--
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	83.0	83.4	79.7	80.9	--	64.6	66.0	61.9	62.2	--
Wood containers and pallets	32192	60.7	60.9	59.4	60.1	--	52.1	52.3	51.5	52.4	--
All other wood products	32199	108.9	107.1	104.2	103.6	--	83.1	81.7	79.1	78.0	--
Manufactured and mobile homes	321991	51.2	51.4	48.9	48.6	--	42.0	42.5	40.3	40.1	--
Nonmetallic mineral products	327	525.9	528.7	508.4	514.1	512.0	407.4	409.3	386.0	389.9	389.0
Clay products and refractories	3271	72.7	72.5	68.3	68.4	--	55.3	55.6	51.7	51.2	--
Pottery, ceramics, and plumbing fixtures	32711	35.9	35.5	32.9	32.9	--	28.4	28.2	26.0	25.7	--
Clay building material and refractories	32712	36.8	37.0	35.4	35.5	--	26.9	27.4	25.7	25.5	--
Glass and glass products	3272	126.4	125.2	122.6	122.6	--	99.7	97.9	95.6	95.7	--
Other pressed and blown glass and glassware.....	327212	34.0	32.4	31.2	31.1	--	26.5	24.9	23.4	23.6	--
Glass containers	327213	20.3	20.3	20.2	20.3	--	--	--	--	--	--
Glass products made of purchased glass.....	327215	58.5	58.8	57.1	57.3	--	44.3	44.5	43.2	43.3	--
Cement and concrete products	3273	235.1	238.3	227.4	232.2	--	182.7	185.0	170.3	174.2	--
Ready-mix concrete	32732	121.4	124.0	120.6	122.8	--	98.4	100.9	95.1	97.2	--
Other cement and concrete products	32731,3,9	113.7	114.3	106.8	109.4	--	84.3	84.1	75.2	77.0	--
Lime, gypsum, and other nonmetallic mineral products.....	3274,9	91.7	92.7	90.1	90.9	--	69.7	70.8	68.4	68.8	--
Primary metals	331	512.5	507.3	486.5	482.1	472.6	398.2	393.9	377.9	374.3	365.1
Iron and steel mills and ferroalloy production	3311	106.8	106.9	102.8	101.8	--	83.2	83.7	79.4	78.5	--
Steel products from purchased steel	3312	63.2	62.1	59.7	58.9	--	48.9	48.0	46.3	45.7	--
Iron, steel pipe, and tube from purchase steel.....	33121	26.5	25.6	24.6	24.1	--	20.4	19.6	19.1	18.7	--
Rolling and drawing of purchased steel.....	33122	36.7	36.5	35.1	34.8	--	28.5	28.4	27.2	27.0	--
Rolled steel shapes	331221	27.0	26.9	27.5	27.1	--	--	--	--	--	--
Alumina and aluminum production	3313	80.0	79.6	76.9	77.0	--	61.9	61.8	59.6	59.8	--
Other nonferrous metal production	3314	81.7	80.9	75.3	74.8	--	60.0	59.0	56.3	56.0	--
Rolled, drawn, extruded, and alloyed copper.....	33142	44.2	44.0	41.5	40.7	--	33.1	32.6	31.9	31.3	--
Nonferrous metal, except CU and AL, shaping.....	33149	25.0	24.5	22.5	22.7	--	17.7	17.3	16.0	16.4	--
Foundries	3315	180.8	177.8	171.8	169.6	--	144.2	141.4	136.3	134.3	--
Ferrous metal foundries	33151	100.8	99.1	94.4	93.1	--	81.1	79.6	75.7	74.4	--
Iron foundries	331511	67.4	66.9	63.8	63.1	--	54.7	54.2	51.4	50.7	--
Steel foundries	331512,3	33.4	32.2	30.6	30.0	--	26.4	25.4	24.3	23.7	--
Nonferrous metal foundries	33152	80.0	78.7	77.4	76.5	--	63.1	61.8	60.6	59.9	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^p	July 2003 ^p	June 2002	July 2002	May 2003	June 2003 ^p	July 2003 ^p
Durable goods—Continued											
Fabricated metal products	332	1,561.2	1,549.5	1,479.6	1,484.2	1,469.0	1,156.9	1,146.4	1,092.2	1,095.5	1,080.4
Forging and stamping	3321	114.0	113.2	110.7	110.6	--	85.6	85.1	83.6	83.5	--
Iron and steel forging	332111	26.7	26.6	25.9	26.0	--	19.4	19.4	19.0	19.1	--
Metal stamping	332116	59.5	59.3	57.0	56.8	--	45.2	45.1	43.4	43.1	--
Cutlery and hand tools	3322	64.6	64.6	62.1	62.1	--	48.7	48.6	45.8	45.8	--
Hand and edge tools	332212	42.8	43.0	41.4	41.3	--	32.9	33.0	31.0	31.0	--
Architectural and structural metals	3323	405.9	405.3	379.3	380.8	--	294.5	293.2	270.4	271.4	--
Plate work and fabricated structural products	33231	177.1	176.6	166.1	164.8	--	127.5	126.9	116.9	115.6	--
Prefabricated metal buildings and components	332311	33.1	33.8	31.6	32.4	--	21.0	21.2	18.3	18.8	--
Fabricated structural metal products	332312	94.4	93.3	87.6	85.3	--	68.1	66.8	63.1	60.9	--
Plate work	332313	49.6	49.5	46.9	47.1	--	38.4	38.9	35.5	35.9	--
Ornamental and architectural metal products	33232	228.8	228.7	213.2	216.0	--	167.0	166.3	153.5	155.8	--
Metal windows and doors	332321	86.5	86.8	83.3	85.5	--	62.6	62.7	59.5	61.2	--
Sheet metal work	332322	99.6	100.5	92.6	92.8	--	74.5	74.8	68.6	69.0	--
Ornamental and architectural metal work	332323	42.7	41.4	37.3	37.7	--	29.9	28.8	25.4	25.6	--
Boilers, tanks, and shipping containers	3324	95.7	94.0	87.2	89.3	--	74.8	73.4	67.8	70.3	--
Hardware	3325	42.9	42.2	41.4	41.5	--	31.9	31.3	30.2	30.1	--
Spring and wire products	3326	71.3	70.2	66.6	66.4	--	55.7	55.2	52.2	52.1	--
Machine shops and threaded products	3327	321.1	316.9	309.3	311.3	--	241.9	237.9	234.0	235.2	--
Machine shops	33271	230.8	228.8	221.9	223.3	--	172.8	171.2	167.0	167.6	--
Turned products and screws, nuts, and bolts	33272	90.3	88.1	87.4	88.0	--	69.1	66.7	67.0	67.6	--
Precision turned products	332721	44.2	43.5	43.2	43.2	--	34.5	33.9	33.8	33.7	--
Bolts, nuts, screws, rivets, and washers	332722	46.1	44.6	44.2	44.8	--	34.6	32.8	33.2	33.9	--
Coating, engraving, and heat treating metals	3328	149.2	146.9	140.4	139.1	--	117.4	115.7	111.8	110.7	--
Metal heat treating and coating and nonprecious engraving	332811,2	67.9	66.4	62.9	62.5	--	51.5	50.3	48.3	47.9	--
Electroplating, anodizing, and coloring metals	332813	81.3	80.5	77.5	76.6	--	65.9	65.4	63.5	62.8	--
Other fabricated metal products	3329	296.5	296.2	282.6	283.1	--	206.4	206.0	196.4	196.4	--
Metal valves	33291	106.9	106.8	101.3	101.8	--	72.9	72.6	68.3	68.6	--
Fluid power valves and hose fittings	332912	40.1	40.1	38.2	39.0	--	27.4	27.0	25.8	26.6	--
Plumbing fixture fittings and trims	332913	18.4	18.5	17.6	17.6	--	--	--	--	--	--
Industrial valves and other metal valves and pipe fittings	332911,9	48.4	48.2	45.5	45.2	--	31.9	32.0	29.4	28.8	--
All other fabricated metal products	33299	189.6	189.4	181.3	181.3	--	133.5	133.4	128.1	127.8	--
Ball and roller bearings	332991	36.5	36.2	34.9	35.1	--	27.9	27.8	27.5	27.5	--
Small arms, ammunition, and other ordnance and accessories	332992,3,4,5	39.3	39.6	39.1	39.5	--	21.2	21.6	22.7	22.9	--
Miscellaneous fabricated metal products	332996,7,8,9	113.8	113.6	107.3	106.7	--	84.4	84.0	77.9	77.4	--
Machinery	333	1,246.8	1,234.0	1,184.3	1,183.1	1,169.5	796.8	783.4	752.3	750.3	737.3
Agricultural, construction, and mining machinery	3331	205.4	201.0	195.7	193.7	--	136.0	132.1	131.0	128.0	--
Agricultural implements	33311	79.8	78.1	78.0	76.2	--	55.3	53.5	55.7	53.9	--
Farm machinery and equipment	333111	57.2	57.0	54.3	55.0	--	40.4	40.3	38.4	38.9	--
Construction machinery	33312	65.5	64.4	60.3	59.9	--	42.8	41.7	37.3	36.5	--
Mining and oil and gas field machinery	33313	60.1	58.5	57.4	57.6	--	--	--	--	--	--
Industrial machinery	3332	131.7	130.9	125.5	126.2	--	71.5	71.1	67.1	68.1	--
Semiconductor machinery	333295	19.8	19.7	17.4	17.4	--	--	--	--	--	--
Commercial and service industry machinery	3333	132.7	131.7	126.2	126.3	--	77.9	77.2	75.1	75.3	--
Office machinery	333313	12.8	12.6	12.4	12.4	--	--	--	--	--	--
Photographic and photocopying equipment	333315	23.6	23.5	21.7	22.3	--	16.6	16.5	15.4	16.0	--
Miscellaneous commercial and service industry machinery	333311,2,4,9	96.3	95.6	92.1	91.6	--	55.7	55.3	54.5	54.2	--
HVAC and commercial refrigeration equipment	3334	170.1	169.4	159.6	160.2	--	120.5	119.2	111.1	111.6	--
AC, refrigeration, and forced air heating	333415	118.2	117.4	110.8	110.9	--	86.2	85.1	78.7	78.8	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Durable goods—Continued											
Metalworking machinery	3335	216.7	214.2	208.0	207.4	--	150.2	147.9	143.0	142.1	--
Industrial molds	333511	44.9	44.8	42.8	41.6	--	32.7	32.9	32.2	30.7	--
Metal cutting and forming machine tools	333512,3	44.7	43.7	43.7	43.7	--	26.4	25.5	26.0	25.9	--
Special tools, dies, jigs, and fixtures ..	333514	82.4	82.0	81.9	82.6	--	62.1	61.5	60.7	61.3	--
Miscellaneous metalworking machinery	333515,6,8	44.7	43.7	39.6	39.5	--	29.0	28.0	24.1	24.2	--
Turbine and power transmission equipment	3336	100.9	99.2	91.3	91.1	--	67.7	66.3	61.2	61.2	--
Turbine and turbine generator set units	333611	24.2	24.0	19.1	18.8	--	13.9	13.9	10.5	10.4	--
Power transmission and miscellaneous engine equipment	333612,3,8	76.7	75.2	72.2	72.3	--	53.8	52.4	50.7	50.8	--
Other general purpose machinery	3339	289.3	287.6	278.0	278.2	--	173.0	169.6	163.8	164.0	--
Pumps and compressors	33391	56.9	56.1	53.5	53.5	--	30.6	29.9	28.7	28.6	--
Air and gas compressors	333912	23.1	22.8	21.9	21.8	--	--	--	--	--	--
Pumps and pumping equipment, including measuring and dispensing ..	333911,3	33.8	33.3	31.6	31.7	--	18.6	18.2	17.5	17.4	--
Material handling equipment	33392	81.0	81.3	79.0	79.3	--	50.5	50.4	46.5	47.2	--
Conveyor and conveying equipment ..	333922	32.8	32.9	31.3	31.4	--	19.5	19.3	17.5	17.9	--
All other general purpose machinery ..	33399	151.4	150.2	145.5	145.4	--	91.9	89.3	88.6	88.2	--
Computer and electronic products	334	1,532.0	1,521.5	1,413.2	1,411.4	1,399.3	760.7	751.5	705.7	704.1	698.7
Computer and peripheral equipment	3341	251.2	249.6	227.1	228.1	220.7	102.1	100.9	88.3	88.6	--
Electronic computers	334111	139.3	137.3	125.0	125.4	--	--	--	--	--	--
Computer storage devices	334112	33.6	34.2	30.9	31.1	--	--	--	--	--	--
Computer terminals	334113	21.1	21.0	18.0	18.4	--	--	--	--	--	--
Other computer peripheral equipment	334119	57.2	57.1	53.2	53.2	--	15.9	15.9	14.0	14.3	--
Communications equipment	3342	191.4	189.3	175.5	173.7	172.2	83.7	81.8	81.0	78.1	--
Telephone apparatus	33421	72.4	72.0	58.6	58.2	--	--	--	--	--	--
Broadcast and wireless communications equipment	33422	88.4	87.3	86.3	85.6	--	40.0	39.0	40.2	38.6	--
Audio and video equipment	3343	41.8	41.9	37.5	37.5	--	24.4	24.4	21.7	22.0	--
Semiconductors and electronic components	3344	536.7	532.5	488.2	486.4	483.8	311.0	306.5	286.1	284.7	--
Electron tubes	334411	16.2	16.0	14.1	14.0	--	--	--	--	--	--
Bare printed circuit boards	334412	85.0	83.4	72.6	72.6	--	57.9	56.4	49.1	48.9	--
Semiconductors and related devices ..	334413	259.6	258.9	237.6	236.9	--	124.0	123.6	118.3	118.3	--
Electronic capacitors	334414	11.0	10.9	9.7	9.5	--	--	--	--	--	--
Printed circuit assemblies	334418	50.9	50.4	46.4	46.5	--	37.6	37.2	33.6	33.7	--
Miscellaneous electronic components	334415,6,9	96.7	95.7	91.4	91.3	--	62.2	60.4	57.1	56.6	--
Electronic instruments	3345	454.3	451.6	430.8	430.8	430.2	195.2	193.1	187.3	189.2	--
Electromedical apparatus	334510	55.2	55.0	55.8	56.7	--	24.3	24.5	26.0	27.4	--
Search, detection, and navigation instruments	334511	149.7	147.7	144.9	144.6	--	44.0	42.2	45.4	45.9	--
Automatic environmental controls	334512	32.5	32.4	28.1	28.3	--	--	--	--	--	--
Industrial process variable instruments	334513	61.9	61.9	59.1	59.2	--	34.3	34.0	32.3	32.2	--
Electricity and signal testing instruments	334515	55.8	54.9	47.0	46.9	--	18.6	18.2	15.5	15.8	--
Irradiation apparatus	334517	11.0	11.0	10.3	9.3	--	5.3	5.3	3.9	3.7	--
Miscellaneous electronic instruments	334514,6,8,9	88.2	88.7	85.6	85.8	--	45.1	45.5	43.0	43.1	--
Magnetic media manufacturing and reproduction	3346	56.6	56.6	54.1	54.9	--	--	--	--	--	--
Electrical equipment and appliances	335	502.0	500.1	468.4	470.2	465.9	356.9	352.8	324.0	325.8	320.8
Electric lighting equipment	3351	72.4	71.9	67.8	69.4	--	51.8	50.4	47.0	48.7	--
Electric lamp bulbs and parts	33511	16.5	16.1	15.2	15.0	--	12.5	12.1	12.0	11.9	--
Lighting fixtures	33512	55.9	55.8	52.6	54.4	--	39.3	38.3	35.0	36.8	--
Household appliances	3352	99.8	100.9	92.0	93.0	--	83.4	83.7	73.7	74.6	--
Small electrical appliances	33521	25.1	25.5	23.8	23.7	--	--	--	--	--	--
Electric housewares and household fans	335211	15.1	15.4	14.2	14.1	--	--	--	--	--	--
Major appliances	33522	74.7	75.4	68.2	69.3	--	--	--	--	--	--
Household cooking appliances	335221	19.2	19.5	17.9	17.9	--	--	--	--	--	--
Household refrigerators and home freezers	335222	25.7	25.9	22.4	23.9	--	--	--	--	--	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Durable goods—Continued											
Electrical equipment	3353	177.4	176.6	166.6	166.2	--	116.3	115.0	107.3	106.8	--
Electric power and specialty transformers	335311	30.4	29.5	27.6	28.0	--	--	--	--	--	--
Motors and generators	335312	59.5	59.5	56.6	56.1	--	44.1	43.9	41.2	40.9	--
Switchgear and switchboard apparatus	335313	38.7	38.7	36.9	37.1	--	26.4	26.3	24.1	24.2	--
Relays and industrial controls	335314	48.8	48.9	45.5	45.0	--	26.3	25.8	25.0	24.5	--
Other electrical equipment and components	3359	152.4	150.7	142.0	141.6	--	105.4	103.7	96.0	95.7	--
Batteries	33591	29.0	28.9	27.1	27.6	--	--	--	--	--	--
Communication and energy wires and cables	33592	25.7	25.1	22.8	22.6	--	--	--	--	--	--
Wiring devices	33593	63.5	63.2	61.3	61.1	--	44.9	44.5	42.4	42.5	--
Current-carrying wiring devices	335931	49.5	49.2	47.7	47.4	--	34.0	33.7	32.3	32.3	--
All other electrical equipment and components	33599	34.2	33.5	30.8	30.3	--	22.2	21.4	19.1	18.7	--
Transportation equipment	336	1,844.3	1,809.9	1,781.5	1,786.7	1,736.8	1,318.8	1,285.6	1,275.7	1,280.5	1,233.9
Motor vehicles	3361	271.2	257.3	272.1	279.0	--	225.5	211.0	225.4	228.9	--
Automobiles and light trucks	33611	237.8	223.8	242.1	248.5	--	198.9	184.5	201.7	205.0	--
Automobiles	336111	161.5	157.0	158.7	163.5	--	130.1	124.7	127.7	130.0	--
Light trucks and utility vehicles	336112	76.3	66.8	83.4	85.0	--	68.8	59.8	74.0	75.0	--
Heavy duty trucks	33612	33.4	33.5	30.0	30.5	--	26.6	26.5	23.7	23.9	--
Motor vehicle bodies and trailers	3362	156.1	157.0	156.3	156.7	--	122.6	122.9	124.1	124.3	--
Motor vehicle bodies	336211	70.1	70.8	65.4	64.7	--	53.3	53.8	50.5	50.2	--
Truck trailers	336212	27.9	27.9	32.0	31.7	--	21.2	21.4	24.7	24.5	--
Travel trailers and campers	336214	40.3	40.2	41.2	42.0	--	33.4	33.2	34.8	35.1	--
Motor vehicle parts	3363	739.8	721.2	704.9	705.3	--	594.1	575.2	563.9	563.9	--
Motor vehicle gasoline engine and parts	33631	94.8	92.7	86.5	85.2	--	74.6	72.2	67.0	65.8	--
Carburetors, pistons, rings, and valves	336311	20.3	19.9	16.6	16.5	--	--	--	--	--	--
Gasoline engine and engine parts	336312	74.5	72.8	69.9	68.7	--	59.4	57.3	54.6	53.5	--
Motor vehicle electric equipment	33632	110.4	109.7	105.5	106.1	--	86.2	84.7	84.8	85.7	--
Vehicular lighting equipment	336321	17.2	17.7	16.8	16.9	--	--	--	--	--	--
Other motor vehicle electric equipment	336322	93.2	92.0	88.7	89.2	--	73.3	71.3	72.0	72.8	--
Motor vehicle steering and suspension parts	33633	48.2	47.4	44.9	45.2	--	39.5	38.7	36.1	36.5	--
Motor vehicle brake systems	33634	45.2	43.5	43.9	43.7	--	--	--	--	--	--
Motor vehicle power train components	33635	90.1	88.1	88.4	88.9	--	76.3	74.4	72.5	72.7	--
Motor vehicle seating and interior trim	33636	62.7	61.7	60.4	59.9	--	50.4	49.6	48.9	48.3	--
Motor vehicle metal stamping	33637	107.1	102.7	105.4	106.4	--	87.8	83.1	84.9	85.6	--
Other motor vehicle parts	33639	181.3	175.4	169.9	169.9	--	144.2	139.0	136.6	136.6	--
All other motor vehicle parts	336399	166.6	160.9	156.7	156.8	--	132.9	128.0	126.3	126.3	--
Aerospace products and parts	3364	468.3	466.7	437.3	433.0	--	216.7	217.9	202.5	201.8	--
Aircraft	336411	217.4	217.0	199.5	195.3	--	93.3	96.7	87.8	86.9	--
Aircraft engines and engine parts	336412	87.6	87.5	85.1	84.6	--	50.8	50.3	47.5	47.1	--
Other aircraft parts and equipment	336413	89.1	87.3	81.7	81.8	--	56.9	55.2	51.1	51.6	--
Space vehicle propulsion units and parts	336415	12.5	12.8	12.0	12.1	--	--	--	--	--	--
Ship and boat building	3366	147.0	147.0	146.8	147.7	--	116.9	117.1	114.8	115.8	--
Ship building and repairing	336611	93.7	93.6	94.1	94.7	--	73.8	73.8	72.1	73.1	--
Boat building	336612	53.3	53.4	52.7	53.0	--	43.1	43.3	42.7	42.7	--
Other transportation equipment	3369	39.2	38.2	40.7	41.3	--	--	--	--	--	--
Furniture and related products	337	614.7	607.9	576.0	579.4	576.7	484.7	478.3	446.7	448.7	446.0
Household and institutional furniture	3371	407.2	402.2	384.1	386.7	--	334.0	329.7	308.3	310.2	--
Wood kitchen cabinets and countertops	33711	151.3	151.2	151.4	154.1	--	120.6	121.0	118.9	121.3	--
Other household and institutional furniture	33712	255.9	251.0	232.7	232.6	--	213.4	208.7	189.4	188.9	--
Upholstered household furniture	337121	92.0	91.5	88.0	87.4	--	77.7	77.4	73.8	73.4	--
Nonupholstered wood household furniture	337122	109.6	107.2	94.6	94.9	--	93.4	91.2	78.6	78.4	--
Miscellaneous household and institutional furniture	337124,5,7,9	54.3	52.3	50.1	50.3	--	42.3	40.1	37.0	37.1	--
Office furniture and fixtures	3372	153.1	151.5	139.7	139.8	--	109.9	108.2	100.8	100.9	--
Wood office furniture and custom architectural woodwork and millwork	337211,2	43.1	42.7	41.8	41.9	--	31.2	31.0	31.0	31.3	--

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	2002 NAICS code	All employees					Production workers ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Durable goods—Continued											
Office furniture, except wood	337214	34.7	34.2	30.3	29.8	--	--	--	--	--	--
Showcases, partitions, shelving, and lockers	337215	75.3	74.6	67.6	68.1	--	57.2	56.2	50.8	51.0	--
Other furniture-related products	3379	54.4	54.2	52.2	52.9	--	40.8	40.4	37.6	37.6	--
Miscellaneous manufacturing	339	696.2	691.5	678.5	681.3	669.9	477.8	472.7	456.3	458.1	447.9
Medical equipment and supplies	3391	312.4	310.9	308.1	310.8	--	206.6	205.3	200.6	202.6	--
Surgical and medical instruments	339112	108.2	107.3	103.0	104.2	--	64.1	62.9	57.8	58.3	--
Surgical appliances and supplies	339113	90.4	90.9	91.6	92.3	--	60.1	60.3	57.1	57.2	--
Dental laboratories	339116	48.1	47.3	46.7	47.3	--	39.9	39.6	39.5	40.1	--
Other miscellaneous manufacturing	3399	383.8	380.6	370.4	370.5	--	271.2	267.4	255.7	255.5	--
Jewelry and silverware	33991	49.9	48.5	47.7	47.6	--	34.7	34.0	32.8	32.5	--
Sporting and athletic goods	33992	65.8	64.6	63.1	62.7	--	48.4	47.5	45.7	44.6	--
Dolls, toys, and games	33993	23.4	23.5	24.0	24.0	--	--	--	--	--	--
Office supplies, except paper	33994	30.1	30.2	27.7	28.0	--	20.9	20.7	18.5	18.5	--
Signs	33995	70.7	71.8	71.2	71.9	--	45.5	46.1	46.2	47.2	--
All other miscellaneous manufacturing	33999	143.9	142.0	136.7	136.3	--	107.7	105.4	99.0	98.8	--
Non durable goods.....		5,833	5,811	5,621	5,646	5,606	4,285	4,259	4,090	4,107	4,062
Food manufacturing	311	1,524.1	1,532.2	1,496.2	1,512.8	1,523.7	1,198.4	1,205.6	1,171.7	1,186.6	1,194.5
Animal food	3111	51.2	52.0	50.7	51.2	--	35.0	36.2	33.1	33.5	--
Grain and oilseed milling	3112	62.2	61.8	61.9	62.5	--	45.2	44.7	43.8	44.0	--
Flour milling, malt, starch, and vegetable oil	31121,2	48.1	47.9	49.8	49.9	--	33.1	32.8	33.6	33.5	--
Breakfast cereal	31123	14.1	13.9	12.1	12.6	--	--	--	--	--	--
Sugar and confectionery products	3113	80.7	80.4	76.0	75.8	--	64.3	64.2	60.7	60.6	--
Sugar	31131	12.7	12.7	13.9	13.1	--	10.2	9.9	10.5	10.2	--
Chocolate confectioneries	31132,3	45.6	45.3	40.4	40.9	--	37.2	37.2	33.9	34.0	--
Fruit and vegetable preserving and specialty	3114	181.0	187.1	166.3	172.9	--	146.3	149.6	134.1	141.0	--
Frozen food	31141	93.2	89.2	81.5	84.3	--	75.7	71.6	67.5	70.7	--
Frozen fruits and vegetables	311411	39.4	36.9	29.3	32.3	--	32.6	29.7	24.4	27.5	--
Frozen specialty food	311412	53.8	52.3	52.2	52.0	--	43.1	41.9	43.1	43.2	--
Fruit and vegetable canning and drying	31142	87.8	97.9	84.8	88.6	--	70.6	78.0	66.6	70.3	--
Fruit and vegetable canning	311421	64.2	74.3	62.4	65.8	--	50.8	58.2	47.6	51.3	--
Specialty canning	311422	11.8	11.6	10.7	10.7	--	--	--	--	--	--
Dried and dehydrated food	311423	11.8	12.0	11.7	12.1	--	10.0	10.1	9.8	9.9	--
Dairy products	3115	139.5	139.5	137.4	140.6	--	97.0	97.3	91.5	93.4	--
Dairy products, except frozen	31151	114.4	114.5	114.0	116.0	--	77.5	78.0	76.5	77.9	--
Fluid milk	311511	57.9	57.1	57.4	58.4	--	35.4	34.8	34.8	35.2	--
Animal slaughtering and processing	3116	516.4	518.9	525.4	526.2	--	442.1	445.8	455.5	455.3	--
Animal, except poultry, slaughtering	311611	153.4	153.8	159.7	160.0	--	131.8	132.0	141.3	140.5	--
Meat processed from carcasses, and rendering and meat byproduct processing	311612,3	117.0	118.6	121.4	122.0	--	93.2	96.3	98.3	99.1	--
Poultry processing	311615	246.0	246.5	244.3	244.2	--	217.1	217.5	215.9	215.7	--
Seafood product preparation and packaging	3117	45.1	47.1	39.8	42.0	--	35.4	37.7	32.1	34.4	--
Bakeries and tortilla manufacturing	3118	297.3	294.6	285.1	286.6	--	229.4	226.7	217.9	219.5	--
Bread and bakery products	31181	220.6	217.8	211.8	213.1	--	165.8	163.0	158.0	159.5	--
Retail bakeries	311811	71.3	70.3	70.7	71.3	--	60.4	59.4	60.1	60.5	--
Commercial bakeries and frozen cakes and other pastry products	311812,3	149.3	147.5	141.1	141.8	--	105.4	103.6	97.9	99.0	--
Cookies, crackers, pasta, and tortillas	31182,3	76.7	76.8	73.3	73.5	--	63.6	63.7	59.9	60.0	--
Other food products	3119	150.7	150.8	153.6	155.0	--	103.7	103.4	103.0	104.9	--
Snack food	31191	44.2	44.7	49.4	50.2	--	33.4	33.9	37.1	38.1	--
Miscellaneous food products	31192,3,4,9	106.5	106.1	104.2	104.8	--	70.3	69.5	65.9	66.8	--
Beverages and tobacco products	312	210.7	210.7	194.1	197.8	200.4	122.8	122.5	102.9	104.2	107.2
Beverages	3121	177.7	178.8	165.3	169.2	--	101.1	101.8	85.0	86.6	--
Soft drinks and ice	31211	115.1	115.5	107.5	110.0	--	63.9	64.3	55.0	55.4	--
Soft drinks	312111	88.2	88.6	87.3	88.5	--	40.1	39.6	36.8	37.0	--
Breweries, wineries, and distilleries	31212,3,4	62.6	63.3	57.8	59.2	--	37.2	37.5	30.0	31.2	--
Tobacco and tobacco products	3122	33.0	31.9	28.8	28.6	--	--	--	--	--	--
Textile mills	313	296.0	293.1	274.4	273.3	261.4	246.1	244.1	228.2	227.5	215.4
Fiber, yarn, and thread mills	3131	64.4	64.3	60.2	59.8	--	55.6	55.5	52.9	52.5	--
Fabric mills	3132	148.1	146.5	137.9	137.3	--	122.8	121.6	114.2	114.1	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Nondurable goods-Continued											
Broadwoven fabric mills	31321	92.3	91.0	88.4	88.9	--	80.1	78.9	76.1	76.8	--
Textile and fabric finishing mills	3133	83.5	82.3	76.3	76.2	--	67.7	67.0	61.1	60.9	--
Broadwoven fabric finishing mills	313311	42.8	41.4	38.5	38.9	--	34.6	33.3	30.5	31.0	--
Textile product mills	314	197.9	196.9	189.4	189.5	185.9	157.3	155.3	148.9	148.4	145.6
Textile furnishings mills	3141	119.9	120.4	114.2	114.1	--	98.6	98.3	91.0	90.6	--
Carpet and rug mills	31411	56.7	57.1	54.4	54.3	--	--	--	--	--	--
Curtain and linen mills	31412	63.2	63.3	59.8	59.8	--	53.5	53.1	49.8	49.4	--
Other textile product mills	3149	78.0	76.5	75.2	75.4	--	58.7	57.0	57.9	57.8	--
Textile bag and canvas mills	31491	31.2	31.2	30.2	30.6	--	21.8	21.6	21.4	21.6	--
All other textile product mills	31499	46.8	45.3	45.0	44.8	--	36.9	35.4	36.5	36.2	--
Apparel	315	369.1	357.2	316.9	316.4	296.7	303.7	291.9	253.9	253.2	234.0
Apparel knitting mills	3151	50.5	50.1	44.0	44.1	--	42.3	42.1	36.2	36.1	--
Hosiery and sock mills	31511	31.1	30.8	29.3	29.0	--	26.5	26.3	24.9	24.7	--
Sheer hosiery mills	315111	10.9	10.8	10.5	10.2	--	9.0	9.0	8.9	8.6	--
Other hosiery and sock mills	315119	20.2	20.0	18.8	18.8	--	17.5	17.3	16.0	16.1	--
Cut and sew apparel	3152	291.5	280.8	250.1	250.4	--	240.8	229.8	200.9	201.4	--
Cut and sew apparel contractors	31521	121.3	115.8	99.7	100.6	--	107.5	101.4	86.2	87.3	--
Men's cut and sew apparel contractors	315211	30.8	29.2	24.8	23.9	--	25.9	24.5	20.7	19.9	--
Women's cut and sew apparel contractors	315212	90.5	86.6	74.9	76.7	--	81.6	76.9	65.5	67.4	--
Men's cut and sew apparel	31522	76.9	75.3	68.9	68.6	--	61.4	60.2	55.9	55.6	--
Women's cut and sew apparel	31523	69.3	66.5	60.7	60.5	--	52.2	49.3	42.9	42.8	--
Other cut and sew apparel	31529	24.0	23.2	20.8	20.7	--	--	--	--	--	--
Accessories and other apparel	3159	27.1	26.3	22.8	21.9	--	20.6	20.0	16.8	15.7	--
Leather and allied products	316	51.1	50.2	45.0	43.8	42.8	41.1	40.3	35.3	34.2	33.3
Footwear	3162	22.4	21.7	18.8	18.5	--	18.8	18.1	15.9	15.7	--
Leather and hide tanning and finishing and other leather products	3161,9	28.7	28.5	26.2	25.3	--	22.3	22.2	19.4	18.5	--
Paper and paper products	322	554.3	551.7	530.3	534.6	530.1	428.3	425.6	402.9	405.9	401.6
Pulp, paper, and paperboard mills	3221	168.9	168.8	161.8	163.2	--	131.7	132.0	126.6	127.7	--
Pulp mills and paper mills	32211,2	128.1	128.8	122.5	123.6	--	99.8	100.9	95.8	96.8	--
Paperboard mills	32213	40.8	40.0	39.3	39.6	--	31.9	31.1	30.8	30.9	--
Converted paper products	3222	385.4	382.9	368.5	371.4	--	296.6	293.6	276.3	278.2	--
Paperboard containers	32221	206.1	206.3	198.1	200.3	--	159.4	158.9	149.2	150.8	--
Corrugated and solid fiber boxes	322211	129.3	128.9	125.3	126.1	--	96.4	95.7	92.2	92.5	--
Folding paperboard boxes	322212	40.3	40.1	38.9	40.2	--	32.6	32.4	30.9	32.3	--
Miscellaneous paperboard containers	322213,4,5	36.5	37.3	33.9	34.0	--	30.4	30.8	26.1	26.0	--
Paper bags and coated and treated paper	32222	81.3	80.0	79.5	79.9	--	59.8	59.0	58.3	58.4	--
Coated and laminated package materials and paper	322221,2	52.6	51.9	52.7	53.5	--	36.6	36.2	36.7	37.2	--
Miscellaneous coated and treated paper and paper bags	322223,4,5,6	28.7	28.1	26.8	26.4	--	23.2	22.8	21.6	21.2	--
Stationery products	32223	40.0	39.5	37.8	38.0	--	30.7	30.2	27.9	28.1	--
Other converted paper products	32229	58.0	57.1	53.1	53.2	--	46.7	45.5	40.9	40.9	--
Printing and related support activities	323	712.5	709.9	694.9	696.7	694.6	497.3	494.8	482.9	483.9	481.1
Commercial lithograph printing	323110	281.2	279.4	278.9	278.1	--	193.3	191.8	194.6	195.2	--
Commercial flexographic printing	323112	41.3	41.5	43.0	42.8	--	27.8	27.8	29.2	28.8	--
Commercial screen printing	323113	68.5	68.5	66.4	67.6	--	48.3	48.0	45.8	46.6	--
Quick printing	323114	78.4	76.9	74.6	73.8	--	53.2	51.9	50.1	49.0	--
Manifold business forms printing	323116	45.0	44.7	42.7	42.5	--	32.3	32.1	28.8	28.5	--
Miscellaneous commercial printing	323115,7,8,9	115.3	114.6	111.3	112.4	--	81.0	80.5	77.9	78.7	--
Support activities for printing	32312	64.1	65.0	58.7	60.2	--	46.5	47.4	41.1	41.7	--
Petroleum and coal products	324	120.7	121.5	120.3	120.8	120.6	80.0	80.3	77.5	78.3	78.4
Petroleum refineries	32411	75.2	75.9	75.5	75.2	--	46.6	47.0	45.7	45.5	--
Asphalt paving and roofing materials and other petroleum and coal products	32412,9	45.5	45.6	44.8	45.6	--	33.4	33.3	31.8	32.8	--
Chemicals	325	934.4	930.9	920.6	922.3	920.3	536.5	531.0	531.6	530.4	526.7
Basic chemicals	3251	169.5	170.3	165.1	164.6	--	103.7	103.6	101.1	100.8	--
Petrochemicals and industrial gases	32511,2	57.8	58.0	56.6	56.6	--	--	--	--	--	--
Synthetic dyes and pigments	32513	21.6	21.9	20.6	20.2	--	--	--	--	--	--
Other basic inorganic chemicals	32518	47.5	47.5	45.7	45.4	--	27.6	27.4	25.8	25.4	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 P	July 2003 P	June 2002	July 2002	May 2003	June 2003 P	July 2003 P
Nondurable goods-Continued											
Other basic organic chemicals	32519	42.6	42.9	42.2	42.4	--	--	--	--	--	--
Resin, rubber, and artificial fibers	3252	115.8	113.8	110.3	110.0	--	81.4	79.2	76.2	76.2	--
Resin and synthetic rubber	32521	77.1	76.5	74.5	74.6	--	50.1	49.3	48.1	48.0	--
Plastics material and resin	325211	62.4	61.8	59.9	60.1	--	40.7	40.1	38.8	38.9	--
Synthetic rubber	325212	14.7	14.7	14.6	14.5	--	--	--	--	--	--
Agricultural chemicals	3253	45.0	44.4	42.6	40.8	--	29.7	29.1	30.4	28.8	--
Pharmaceuticals and medicines	3254	294.5	295.1	299.9	302.4	--	128.6	127.6	137.4	137.4	--
Pharmaceutical preparations	325412	231.2	232.3	237.5	239.5	--	96.9	96.6	106.2	105.9	--
Miscellaneous medicinal and biological products	325411,3,4	63.3	62.8	62.4	62.9	--	31.7	31.0	31.2	31.5	--
Paints, coatings, and adhesives	3255	72.8	72.7	69.2	69.9	--	39.3	39.3	36.7	37.8	--
Paints and coatings	32551	48.1	47.9	46.2	46.8	--	25.1	25.0	23.4	24.4	--
Soaps, cleaning compounds, and toiletries	3256	123.3	122.0	125.4	126.1	--	79.5	78.0	80.0	79.8	--
Soaps and cleaning compounds	32561	67.3	66.6	68.4	69.3	--	40.9	40.4	42.2	42.3	--
Polishes and other sanitation goods and surface active agents	325612,3	37.6	37.1	37.9	37.4	--	22.4	21.8	22.1	21.5	--
Toilet preparations	32562	56.0	55.4	57.0	56.8	--	38.6	37.6	37.8	37.5	--
Other chemical products and preparations	3259	113.5	112.6	108.1	108.5	--	74.3	74.2	69.8	69.6	--
Plastics and rubber products	326	862.3	856.3	839.1	838.4	829.2	673.8	668.0	654.3	654.3	643.8
Plastics products	3261	675.5	671.3	657.6	657.5	--	528.3	524.2	511.5	511.8	--
Plastics packaging materials, film, and sheet	32611	91.0	91.0	89.7	90.1	--	68.7	68.4	67.2	67.6	--
Nonpackaging plastics film and sheet	326113	58.9	58.7	56.7	56.9	--	42.0	41.9	40.5	40.7	--
Plastics pipe, fittings, and profile shapes	32612	62.1	62.0	62.1	62.3	--	46.7	46.6	46.6	46.6	--
Unlaminated plastics profile shapes	326121	30.0	29.6	30.1	30.2	--	22.0	21.9	22.7	22.8	--
Plastics pipe and pipe fittings	326122	32.1	32.4	32.0	32.1	--	24.7	24.7	23.9	23.8	--
Foam products	32614,5	61.9	61.0	62.5	62.0	--	48.4	47.6	49.2	49.2	--
Plastics bottles and laminated plastics plate, sheet, and shapes	32613,6	61.1	60.5	58.3	57.6	--	48.9	48.6	47.0	46.4	--
Other plastics products	32619	399.4	396.8	385.0	385.5	--	315.6	313.0	301.5	302.0	--
Rubber products	3262	186.8	185.0	181.5	180.9	--	145.5	143.8	142.8	142.5	--
Tires	32621	77.2	76.9	73.2	72.8	--	60.4	59.7	57.8	57.4	--
Rubber and plastics hose and belting	32622	27.6	27.4	28.8	29.0	--	--	--	--	--	--
Other rubber products	32629	82.0	80.7	79.5	79.1	--	63.9	62.8	62.6	62.3	--
Rubber products for mechanical use	326291	49.6	48.6	47.4	47.0	--	37.9	37.0	36.8	36.4	--
All other rubber products	326299	32.4	32.1	32.1	32.1	--	26.0	25.8	25.8	25.9	--
Service-providing		108,466	107,087	108,496	108,567	107,287	--	--	--	--	--
Private service-providing		86,944	86,747	86,590	87,054	86,959	72,619	72,400	71,953	72,384	72,292
Trade, transportation, and utilities		25,560	25,497	25,208	25,279	25,176	21,407	21,334	20,990	21,053	20,955
Wholesale trade	42	5,676.1	5,671.5	5,588.3	5,600.1	5,586.2	4,502.9	4,492.8	4,385.8	4,392.9	4,380.9
Durable goods	423	3,023.6	3,021.2	2,953.2	2,960.4	2,954.3	2,385.3	2,382.2	2,304.1	2,307.5	--
Motor vehicles and parts	4231	345.3	346.7	344.5	346.4	--	279.0	279.7	273.9	276.2	--
Motor vehicles	42311	121.9	122.3	122.5	122.4	--	98.4	98.8	99.9	100.1	--
New motor vehicle parts	42312	178.8	179.5	177.2	178.5	--	145.7	145.8	139.7	140.9	--
Furniture and furnishings	4232	107.5	108.8	102.5	105.0	--	85.0	85.9	80.1	82.5	--
Furniture	42321	45.4	45.8	42.4	43.6	--	--	--	--	--	--
Home furnishings	42322	62.1	63.0	60.1	61.4	--	49.7	50.0	47.5	48.4	--
Lumber and construction supplies	4233	228.3	230.3	230.7	232.6	--	187.0	188.5	189.6	191.7	--
Lumber and wood	42331	124.7	124.9	122.9	123.6	--	104.5	104.4	102.3	103.3	--
Masonry materials	42332	51.6	52.3	53.6	53.4	--	41.9	42.1	43.1	42.9	--
Roofing, siding, and other construction materials	42333,9	52.0	53.1	54.2	55.6	--	40.6	42.0	44.2	45.5	--
Commercial equipment	4234	659.9	655.1	641.8	641.9	--	530.8	527.1	511.4	510.8	--
Office equipment	42342	120.4	119.4	116.1	115.6	--	101.3	100.7	97.5	97.3	--
Computer and software	42343	265.5	261.5	252.2	252.0	--	220.8	218.1	209.2	209.5	--
Medical equipment	42345	158.8	159.4	162.0	163.5	--	121.6	122.4	122.9	123.0	--
Miscellaneous professional and commercial equipment	42341,4,6,9	115.2	114.8	111.5	110.8	--	87.1	85.9	81.8	81.0	--
Metals and minerals	4235	125.8	126.1	123.8	123.4	--	101.4	102.1	100.2	99.5	--
Electric goods	4236	368.8	367.9	353.3	351.4	--	265.9	266.5	252.4	250.8	--
Electrical equipment and wiring	42361	149.7	150.2	147.5	147.9	--	120.9	121.7	115.1	115.6	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Wholesale trade-Continued											
Electric appliances and other electronic parts.....	42362,9	219.1	217.7	205.8	203.5	--	145.0	144.8	137.3	135.2	--
Hardware and plumbing	4237	235.0	234.0	230.8	232.0	--	182.8	181.3	175.9	176.5	--
Hardware	42371	79.9	78.6	78.9	78.8	--	60.6	59.2	58.3	58.2	--
Plumbing equipment	42372	85.7	86.0	81.8	82.5	--	66.5	66.5	62.7	63.2	--
HVAC and refrigeration equipment	42373,4	69.4	69.4	70.1	70.7	--	55.7	55.6	54.9	55.1	--
Machinery and supplies	4238	685.4	684.6	659.4	657.8	--	538.7	537.6	508.6	504.2	--
Construction equipment	42381	81.7	82.2	80.7	81.2	--	66.8	67.5	63.4	63.6	--
Farm and garden equipment	42382	104.3	104.7	99.2	99.2	--	83.5	83.4	79.1	79.5	--
Industrial machinery	42383	328.9	325.4	308.8	306.5	--	254.0	250.8	232.9	228.1	--
Industrial supplies	42384	67.5	68.7	67.7	67.4	--	53.7	54.7	52.4	51.8	--
Service establishment equipment	42385	66.9	67.5	66.5	67.7	--	53.2	53.2	53.1	53.7	--
Other transportation goods	42386	36.1	36.1	36.5	35.8	--	--	--	--	--	--
Miscellaneous durable goods	4239	267.6	267.7	266.4	269.9	--	214.7	213.5	212.0	215.3	--
Sporting goods	42391	49.3	50.7	51.5	52.6	--	--	--	--	--	--
Recyclable materials	42393	96.3	96.2	96.3	97.3	--	78.9	79.0	77.2	78.0	--
Jewelry	42394	43.8	43.2	41.5	41.9	--	--	--	--	--	--
Toy, hobby, and other durable goods ...	42392,9	78.2	77.6	77.1	78.1	--	63.4	61.8	60.7	61.0	--
Nondurable goods	424	2,030.4	2,030.2	2,014.5	2,018.1	2,014.1	1,629.2	1,627.3	1,612.3	1,616.7	--
Paper and paper products	4241	161.3	159.4	155.6	153.2	--	128.1	126.5	123.5	122.1	--
Printing and writing paper and office supplies.....	42411,2	93.2	92.4	89.2	86.4	--	74.8	73.6	71.5	69.5	--
Industrial paper	42413	68.1	67.0	66.4	66.8	--	53.3	52.9	52.0	52.6	--
Druggists' goods	4242	211.9	212.6	215.9	215.7	--	170.0	171.4	173.3	173.5	--
Apparel and piece goods	4243	149.8	151.2	150.1	150.2	--	112.5	113.8	113.6	114.2	--
Men's and boys' clothing	42432	36.4	36.2	37.2	37.8	--	--	--	--	--	--
Women's and children's clothing	42433	62.1	63.9	66.1	65.1	--	--	--	--	--	--
Grocery and related products	4244	678.6	680.8	666.5	675.3	--	559.3	561.1	543.7	552.0	--
General line grocery	42441	215.7	217.5	207.0	207.1	--	183.0	184.3	171.7	171.6	--
Packaged frozen food	42442	29.7	29.7	29.7	29.5	--	--	--	--	--	--
Fruits and vegetables	42448	72.2	71.0	72.0	75.0	--	60.0	59.1	61.0	64.1	--
Farm product raw materials	4245	75.7	74.1	74.9	75.7	--	61.3	59.6	62.2	62.4	--
Grains and field beans	42451	45.0	44.2	44.8	46.8	--	35.9	35.1	37.2	38.9	--
Chemicals	4246	133.0	134.1	134.4	134.3	--	94.6	95.2	97.4	96.8	--
Other chemicals	42469	107.5	108.9	107.7	107.9	--	75.2	76.4	77.0	76.9	--
Petroleum	4247	111.3	112.1	110.7	109.5	--	90.6	90.9	89.6	89.1	--
Alcoholic beverages	4248	135.7	136.6	135.5	135.9	--	112.1	113.1	112.0	112.4	--
Beer and ale	42481	84.5	84.8	83.2	84.4	--	69.2	69.3	67.7	68.8	--
Wine and spirits	42482	51.2	51.8	52.3	51.5	--	--	--	--	--	--
Misc. nondurable goods	4249	373.1	369.3	370.9	368.3	--	300.7	295.7	297.0	294.2	--
Farm supplies	42491	112.9	110.8	112.5	112.0	--	90.9	88.4	89.7	89.2	--
Books and periodicals	42492	57.6	57.3	55.6	56.1	--	--	--	--	--	--
Nursery stock and florists' supplies	42493	52.3	50.6	53.3	50.6	--	--	--	--	--	--
Tobacco and tobacco products	42494	31.9	32.6	31.6	32.0	--	--	--	--	--	--
Paint, painting supplies, and other nondurable goods.....	42495,9	118.4	118.0	117.9	117.6	--	92.9	91.7	91.4	90.7	--
Electronic markets and agents and brokers.....	425	622.1	620.1	620.6	621.6	617.8	488.4	483.3	469.4	468.7	--
Business to business electronic markets.....	42511	83.8	81.7	77.9	75.0	--	69.7	67.7	62.8	60.2	--
Wholesale trade agents and brokers	42512	538.3	538.4	542.7	546.6	--	418.7	415.6	406.6	408.5	--
Retail trade.....	44,45	15,046.7	15,032.0	14,889.3	14,943.8	14,913.7	12,795.0	12,774.9	12,608.5	12,664.4	12,633.7
Motor vehicle and parts dealers	441	1,894.4	1,899.2	1,881.6	1,891.3	1,899.8	1,555.1	1,559.5	1,545.3	1,557.3	--
Automobile dealers	4411	1,253.3	1,255.5	1,243.0	1,248.3	1,253.2	1,034.8	1,037.0	1,027.9	1,034.6	--
New car dealers	44111	1,140.8	1,143.0	1,129.4	1,133.3	--	957.2	959.5	948.5	953.5	--
Used car dealers	44112	112.5	112.5	113.6	115.0	--	77.6	77.5	79.4	81.1	--
Other motor vehicle dealers	4412	149.4	149.2	152.0	154.6	--	119.1	117.9	121.6	123.8	--
Recreational vehicle dealers	44121	35.0	34.5	36.4	38.0	--	--	--	--	--	--
Motorcycle, boat, and other vehicle dealers.....	44122	114.4	114.7	115.6	116.6	--	89.8	89.6	91.6	92.2	--
Auto parts, accessories, and tire stores	4413	491.7	494.5	486.6	488.4	--	401.2	404.6	395.8	398.9	--
Automotive parts and accessories stores.....	44131	331.6	334.8	330.4	331.3	--	273.5	277.0	271.4	272.7	--
Tire dealers	44132	160.1	159.7	156.2	157.1	--	127.7	127.6	124.4	126.2	--
Furniture and home furnishings stores	442	534.6	536.6	538.7	543.6	541.3	432.0	433.8	430.7	437.9	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Retail trade—Continued											
Furniture stores	4421	279.0	278.9	280.9	282.0	--	227.9	228.1	228.5	229.8	--
Home furnishings stores	4422	255.6	257.7	257.8	261.6	--	204.1	205.7	202.2	208.1	--
Floor covering stores	44221	100.9	102.5	104.1	107.7	--	77.8	78.6	78.7	83.0	--
Other home furnishings stores	44229	154.7	155.2	153.7	153.9	--	126.3	127.1	123.5	125.1	--
Electronics and appliance stores	443	519.7	520.2	514.2	515.2	513.0	407.3	406.3	393.7	394.6	--
Appliance, TV, and other electronics stores	44311	319.6	319.3	309.3	311.1	--	258.9	258.2	250.2	251.7	--
Household appliance stores	443111	83.4	83.0	81.0	81.9	--	68.0	67.2	64.2	65.0	--
Radio, TV, and other electronics stores	443112	236.2	236.3	228.3	229.2	--	190.9	191.0	186.0	186.7	--
Computer, software, camera, and photography supply stores.....	44312,3	200.1	200.9	204.9	204.1	--	148.4	148.1	143.5	142.9	--
Building material and garden supply stores	444	1,232.0	1,224.4	1,240.3	1,246.0	1,232.0	995.8	988.5	1,002.0	1,011.3	--
Building material and supplies dealers	4441	1,060.6	1,058.8	1,063.3	1,071.8	--	856.1	854.9	855.4	867.0	--
Home centers	44411	565.6	563.2	571.4	573.3	--	457.9	454.7	462.0	466.0	--
Paint and wallpaper stores	44412	43.0	42.8	42.4	44.2	--	30.8	30.9	31.9	33.8	--
Hardware stores	44413	175.5	174.8	173.4	174.7	--	145.0	144.9	142.0	143.0	--
Other building material dealers	44419	276.5	278.0	276.1	279.6	--	222.4	224.4	219.5	224.2	--
Lawn and garden equipment and supplies stores	4442	171.4	165.6	177.0	174.2	--	139.7	133.6	146.6	144.3	--
Outdoor power equipment stores	44421	33.4	33.3	30.0	29.9	--	26.9	26.8	23.8	23.5	--
Nursery, garden, and farm supply stores	44422	138.0	132.3	147.0	144.3	--	112.8	106.8	122.8	120.8	--
Food and beverage stores	445	2,882.1	2,874.6	2,813.3	2,824.4	2,813.1	2,562.6	2,555.3	2,485.5	2,495.1	--
Grocery stores	4451	2,486.2	2,480.0	2,428.7	2,438.9	--	2,234.1	2,228.9	2,169.9	2,179.3	--
Supermarkets and other grocery stores	44511	2,338.2	2,332.6	2,281.2	2,290.3	--	2,104.6	2,099.4	2,042.0	2,050.3	--
Convenience stores	44512	148.0	147.4	147.5	148.6	--	129.5	129.5	127.9	129.0	--
Specialty food stores	4452	255.2	254.2	241.5	243.0	--	212.6	211.5	199.3	200.9	--
Meat markets and fish and seafood markets	44521,2	65.6	65.1	63.6	63.7	--	54.1	54.0	51.8	52.0	--
Fruit and vegetable markets	44523	46.9	47.1	40.6	42.1	--	40.9	40.9	34.5	35.9	--
Other specialty food stores	44529	142.7	142.0	137.3	137.2	--	117.6	116.6	113.0	113.0	--
Beer, wine, and liquor stores	4453	140.7	140.4	143.1	142.5	--	115.9	114.9	116.3	114.9	--
Health and personal care stores	446	946.3	947.5	961.1	970.5	967.8	778.5	778.2	792.6	801.9	--
Pharmacies and drug stores	44611	690.6	692.1	699.2	707.3	--	579.2	579.8	585.9	593.6	--
Cosmetic and beauty supply stores	44612	95.5	94.5	100.5	102.5	--	--	--	--	--	--
Optical goods stores	44613	67.0	67.0	65.0	64.7	--	48.1	47.6	47.4	47.7	--
Other health and personal care stores	44619	93.2	93.9	96.4	96.0	--	74.1	74.3	77.6	77.5	--
Food (health) supplement stores	446191	44.9	44.7	46.9	46.7	--	--	--	--	--	--
All other health and personal care stores	446199	48.3	49.2	49.5	49.3	--	38.8	39.3	39.5	39.3	--
Gasoline stations	447	910.6	914.0	910.1	917.5	913.6	778.8	782.2	779.1	786.5	--
Gasoline stations with convenience stores	44711	773.6	776.2	777.1	785.0	--	663.9	666.4	665.7	674.0	--
Other gasoline stations	44719	137.0	137.8	133.0	132.5	--	114.9	115.8	113.4	112.5	--
Clothing and clothing accessories stores	448	1,293.4	1,305.6	1,254.0	1,260.9	1,266.9	1,041.5	1,051.0	994.2	1,000.6	--
Clothing stores	4481	946.4	957.5	912.4	918.6	--	780.1	788.4	736.0	742.6	--
Men's clothing stores	44811	74.2	74.7	73.3	72.7	--	59.1	58.9	58.6	58.1	--
Women's clothing stores	44812	237.2	238.6	219.9	218.7	--	187.6	187.4	171.8	170.7	--
Children's and infants' clothing stores	44813	60.7	60.0	57.7	57.6	--	--	--	--	--	--
Family clothing stores	44814	423.6	430.8	414.9	422.3	--	362.5	370.1	347.8	354.8	--
Clothing accessories stores	44815	38.5	38.8	37.8	37.7	--	30.3	30.1	28.5	28.2	--
Other clothing stores	44819	112.2	114.6	108.8	109.6	--	89.7	91.1	82.4	83.8	--
Shoe stores	4482	181.9	182.3	175.2	177.1	--	135.8	137.1	134.0	134.4	--
Jewelry, luggage, and leather goods stores	4483	165.1	165.8	166.4	165.2	--	125.6	125.5	124.2	123.6	--
Sporting goods, hobby, book, and music stores	451	649.1	646.7	627.1	623.5	624.0	522.5	520.7	503.9	499.3	--
Sporting goods and musical instrument stores	4511	431.1	432.2	418.7	418.6	--	351.6	352.4	339.1	338.6	--
Sporting goods stores	45111	215.1	214.2	204.2	207.0	--	174.7	174.1	163.4	165.9	--
Hobby, toy, and game stores	45112	126.7	128.2	124.2	122.5	--	105.7	106.5	104.4	102.4	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Retail trade-Continued											
Sewing, needlework, and piece goods stores.....	45113	53.2	52.7	52.2	51.7	--	44.7	44.0	42.0	41.6	--
Musical instrument and supplies stores.....	45114	36.1	37.1	38.1	37.4	--	--	--	--	--	--
Book, periodical, and music stores	4512	218.0	214.5	208.4	204.9	--	170.9	168.3	164.8	160.7	--
Book stores and news dealers	45121	149.4	147.8	147.7	146.0	--	118.9	117.7	119.2	116.5	--
Prerecorded tape, CD, and record stores.....	45122	68.6	66.7	60.7	58.9	--	52.0	50.6	45.6	44.2	--
General merchandise stores	452	2,783.9	2,771.5	2,773.8	2,778.6	2,773.6	2,578.8	2,564.7	2,565.5	2,569.2	--
Department stores	4521	1,671.6	1,658.0	1,644.0	1,647.6	1,633.8	1,547.3	1,533.9	1,518.7	1,522.8	--
Department stores, except discount	452111	782.5	774.0	762.5	762.1	--	704.4	697.7	685.5	685.7	--
Discount department stores	452112	889.1	884.0	881.5	885.5	--	842.9	836.2	833.2	837.1	--
Other general merchandise stores	4529	1,112.3	1,113.5	1,129.8	1,131.0	--	1,031.5	1,030.8	1,046.8	1,046.4	--
Warehouse clubs and supercenters	45291	804.4	802.8	809.3	811.9	--	767.0	765.3	770.8	772.6	--
All other general merchandise stores	45299	307.9	310.7	320.5	319.1	--	264.5	265.5	276.0	273.8	--
Miscellaneous store retailers	453	966.4	961.4	946.3	944.5	938.6	781.4	777.3	761.6	758.8	--
Florists	4531	127.7	120.6	124.5	115.9	--	108.2	102.0	105.6	96.3	--
Office supplies, stationery, and gift stores.....	4532	428.9	430.7	411.7	415.6	--	349.8	351.5	332.8	336.6	--
Office supplies and stationery stores	45321	186.0	185.7	188.4	188.0	--	147.4	147.6	150.2	150.1	--
Gift, novelty, and souvenir stores	45322	242.9	245.0	223.3	227.6	--	202.4	203.9	182.6	186.5	--
Used merchandise stores	4533	108.4	108.0	109.7	110.0	--	85.7	86.4	87.7	87.7	--
Other miscellaneous store retailers	4539	301.4	302.1	300.4	303.0	--	237.7	237.4	235.5	238.2	--
Pet and pet supplies stores	45391	80.4	80.0	81.5	80.3	--	64.5	64.3	65.3	64.5	--
Art dealers	45392	24.8	25.5	24.6	25.0	--	--	--	--	--	--
Manufactured and mobile home dealers.....	45393	32.9	32.7	33.0	33.8	--	--	--	--	--	--
All other miscellaneous store retailers	45399	163.3	163.9	161.3	163.9	--	131.1	130.9	126.9	129.3	--
Nonstore retailers	454	434.2	430.3	428.8	427.8	430.0	360.7	357.4	354.4	351.9	--
Electronic shopping and mail-order houses.....	4541	214.3	212.6	210.9	211.6	--	178.8	177.4	173.2	172.9	--
Mail-order houses	454113	161.6	160.6	159.0	158.1	--	136.6	135.9	134.5	133.4	--
Vending machine operators	4542	60.2	59.3	57.6	57.7	--	--	--	--	--	--
Direct selling establishments	4543	159.7	158.4	160.3	158.5	--	133.5	132.7	133.7	131.3	--
Fuel dealers	45431	99.4	98.7	102.7	101.7	--	83.7	83.1	85.7	84.7	--
Heating oil dealers	454311	52.2	51.7	55.4	54.9	--	43.8	43.4	46.0	45.5	--
Liquefied petroleum gas, bottled gas, and other fuel dealers.....	454312,9	47.2	47.0	47.3	46.8	--	39.9	39.7	39.7	39.2	--
Other direct selling establishments	45439	60.3	59.7	57.6	56.8	--	49.8	49.6	48.0	46.6	--
Transportation and warehousing.....	48,49	4,230.8	4,186.9	4,137.6	4,141.0	4,080.6	3,621.9	3,579.6	3,520.8	3,518.8	3,460.8
Air transportation	481	567.0	569.5	515.3	511.7	503.2	499.0	500.6	439.8	435.8	--
Scheduled air transportation	4811	522.7	524.4	472.4	468.1	--	460.6	461.4	403.6	398.7	--
Nonscheduled air transportation	4812	44.3	45.1	42.9	43.6	--	--	--	--	--	--
Rail transportation	482	214.2	216.4	217.2	217.6	217.7	--	--	--	--	--
Water transportation	483	52.9	52.8	51.1	51.6	52.2	--	--	--	--	--
Sea, coastal, and Great Lakes transportation.....	4831	32.3	31.9	31.9	32.3	--	--	--	--	--	--
Truck transportation	484	1,354.8	1,349.8	1,322.5	1,344.0	1,340.7	1,161.7	1,157.9	1,140.4	1,162.0	--
General freight trucking	4841	959.7	953.7	950.0	959.1	--	825.2	821.2	827.4	838.0	--
General freight trucking, local	48411	234.2	233.8	226.5	229.2	--	202.0	202.2	193.4	196.7	--
General freight trucking, long-distance	48412	725.5	719.9	723.5	729.9	--	623.2	619.0	634.0	641.3	--
General freight trucking, long-distance TL.....	484121	515.5	510.3	515.3	521.0	--	440.4	436.1	454.2	460.6	--
General freight trucking, long-distance LTL.....	484122	210.0	209.6	208.2	208.9	--	182.8	182.9	179.8	180.7	--
Specialized freight trucking	4842	395.1	396.1	372.5	384.9	--	336.5	336.7	313.0	324.0	--
Used household and office goods moving.....	48421	109.3	111.1	96.1	104.3	--	92.7	94.9	79.7	87.6	--
Other specialized trucking, local	48422	184.3	184.3	173.7	177.0	--	155.7	155.5	144.0	147.1	--
Other specialized trucking, long-distance.....	48423	101.5	100.7	102.7	103.6	--	88.1	86.3	89.3	89.3	--
Transit and ground passenger transportation.....	485	378.0	330.1	368.8	352.7	304.8	338.4	292.3	332.8	315.9	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Transportation and warehousing-Continued											
Urban transit systems	4851	38.5	38.0	38.1	37.8	--	35.1	34.7	34.7	34.5	--
Interurban and rural bus transportation	4852	22.9	21.4	21.3	22.3	--	--	--	--	--	--
Taxi and limousine service	4853	68.1	66.5	61.3	62.0	--	--	--	--	--	--
Taxi service	48531	31.7	31.7	30.9	30.9	--	--	--	--	--	--
School and employee bus transportation.....	4854	157.1	112.1	157.6	141.1	--	142.3	99.7	144.0	127.1	--
Charter bus industry	4855	35.2	36.0	32.7	31.8	--	--	--	--	--	--
Other ground passenger transportation	4859	56.2	56.1	57.8	57.7	--	50.2	50.0	52.1	51.5	--
Pipeline transportation	486	41.6	41.2	39.9	39.9	40.4	30.6	30.4	29.8	29.6	--
Scenic and sightseeing transportation	487	29.8	32.9	30.4	35.3	37.3	24.2	26.1	23.8	27.7	--
Support activities for transportation	488	530.4	531.6	526.7	526.1	523.6	441.9	444.3	435.5	433.1	--
Support activities for air transportation	4881	142.2	143.5	140.9	140.8	--	121.9	123.6	118.6	118.0	--
Airport operations	48811	66.0	67.6	65.4	65.0	--	56.3	58.0	55.5	55.4	--
Support activities for water transportation.....	4883	96.9	96.6	96.8	94.2	--	85.5	86.0	86.6	84.0	--
Port and harbor operations	48831	23.0	23.2	23.8	23.0	--	21.6	21.6	22.1	21.3	--
Marine cargo handling	48832	39.9	39.7	42.2	41.2	--	35.4	35.4	38.6	37.4	--
Navigational services and other water transportation support activities.....	48833,9	34.0	33.7	30.8	30.0	--	--	--	--	--	--
Support activities for road transportation.....	4884	70.3	71.5	71.0	72.7	--	59.2	60.1	60.3	60.9	--
Motor vehicle towing	48841	43.3	43.7	44.0	42.6	--	--	--	--	--	--
Freight transportation arrangement	4885	167.0	167.2	164.3	165.2	--	130.4	130.2	124.7	125.1	--
Support activities for other transportation, including rail.....	4882,9	54.0	52.8	53.7	53.2	--	44.9	44.4	45.3	45.1	--
Couriers and messengers	491,2	554.1	553.2	555.3	556.3	554.8	451.4	450.1	445.3	444.7	--
Couriers	4921	499.5	498.1	501.0	501.7	--	406.5	404.7	400.5	399.3	--
Local messengers and local delivery	4911,22	54.6	55.1	54.3	54.6	--	--	--	--	--	--
Warehousing and storage	493	508.0	509.4	510.4	505.8	505.9	440.0	441.2	435.0	431.0	--
General warehousing and storage	49311	417.3	418.7	418.2	412.8	--	365.0	366.1	360.5	356.2	--
Refrigerated warehousing and storage.....	49312	44.1	43.9	46.1	46.2	--	36.7	36.2	37.9	38.0	--
Miscellaneous warehousing and storage	49313,9	46.6	46.8	46.1	46.8	--	38.3	38.9	36.6	36.8	--
Utilities.....	22	606.3	606.4	592.5	593.9	595.1	487.0	487.1	474.8	477.3	480.0
Power generation and supply	2211	440.9	439.2	427.6	427.2	--	350.7	349.7	340.1	341.0	--
Electric power generation	22111	278.7	277.0	266.4	267.9	--	216.2	215.1	205.4	207.2	--
Hydroelectric power generation	221111	70.2	68.9	65.4	65.3	--	--	--	--	--	--
Fossil fuel electric power generation	221112	152.6	152.1	146.6	147.8	--	115.1	114.8	109.2	110.6	--
Nuclear and other electric power generation.....	221113,9	55.9	56.0	54.4	54.8	--	--	--	--	--	--
Electric power transmission and distribution.....	22112	162.2	162.2	161.2	159.3	--	134.5	134.6	134.7	133.8	--
Electric bulk power transmission and control.....	221121	27.2	27.1	27.6	26.8	--	22.9	22.9	23.4	22.7	--
Electric power distribution	221122	135.0	135.1	133.6	132.5	--	111.6	111.7	111.3	111.1	--
Natural gas distribution	2212	116.0	116.6	115.8	117.1	--	98.2	98.5	97.9	99.4	--
Water, sewage and other systems	2213	49.4	50.6	49.1	49.6	--	38.1	38.9	36.8	36.9	--
Information.....		3,437	3,424	3,290	3,302	3,295	2,428	2,417	2,413	2,429	2,426
Publishing industries, except Internet	511	968.5	970.9	943.4	945.6	945.0	--	--	656.9	658.7	--
Newspaper, book, and directory publishers.....	5111	711.0	711.8	696.3	697.0	--	--	--	465.1	465.9	--
Newspaper publishers	51111	388.0	387.4	380.9	381.4	--	--	--	263.6	264.4	--
Periodical publishers	51112	156.0	156.6	154.3	155.7	--	--	--	93.5	94.4	--
Book publishers	51113	84.7	85.4	82.7	81.3	--	--	--	52.5	52.1	--
Directory and mailing list publishers	51114	51.7	51.3	46.9	47.0	--	--	--	33.1	32.8	--
Other publishers	51119	30.6	31.1	31.5	31.6	--	--	--	--	--	--
Software publishers	5112	257.5	259.1	247.1	248.6	--	201.9	202.6	191.8	192.8	--
Motion picture and sound recording industries	512	399.0	396.2	373.6	382.5	385.2	324.9	322.6	299.5	309.7	--
Motion picture and video industries	5121	370.5	369.0	347.2	356.5	--	305.4	304.8	282.6	293.2	--
Motion picture and video production	51211	190.1	188.2	180.1	181.1	--	146.3	144.7	138.2	139.5	--
Motion picture and video exhibition	51213	151.3	151.8	142.1	150.9	--	135.5	136.3	124.5	134.1	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Information-Continued											
Miscellaneous motion picture and video industries	51212,9										
Sound recording industries	5122	29.1	29.0	25.0	24.5	--	--	--	--	--	--
Broadcasting, except Internet	515	28.5	27.2	26.4	26.0	--	--	--	--	--	--
Radio and television broadcasting	5151	335.2	332.8	323.5	324.6	321.9	254.8	252.7	247.7	249.4	--
Radio broadcasting	51511	241.8	240.8	236.8	237.8	--	192.1	190.9	187.6	188.6	--
Television broadcasting	51512	110.4	109.8	106.6	107.7	--	90.6	89.7	86.8	88.1	--
Cable and other subscription programming.....	5152	131.4	131.0	130.2	130.1	--	101.5	101.2	100.8	100.5	--
Internet publishing and broadcasting	516	93.4	92.0	86.7	86.8	--	--	--	--	--	--
Telecommunications	517	34.9	34.6	33.2	34.6	35.8	--	--	--	--	--
Wired telecommunications carriers	5171	1,205.7	1,197.8	1,137.2	1,136.2	1,131.6	879.2	875.6	830.6	831.1	--
Wireless telecommunications carriers	5172	667.0	661.4	623.9	622.3	--	489.2	485.9	451.1	450.2	--
Cellular and other wireless carriers	517212	195.0	195.3	188.1	187.6	--	141.7	142.6	136.9	136.3	--
Telecommunications resellers	5173	167.2	167.6	163.8	163.1	--	118.1	118.8	116.9	116.7	--
Cable and other program distribution	5175	185.9	184.9	171.9	171.7	--	127.4	127.2	119.8	120.9	--
ISPs, search portals, and data processing.....	518	128.3	127.5	126.1	127.5	--	101.9	101.1	102.3	103.3	--
ISPs and web search portals	5181	446.4	444.0	433.1	433.1	430.2	320.1	317.2	314.6	315.8	--
Data processing and related services	5182	141.4	140.4	140.8	142.1	--	102.7	101.4	102.3	104.5	--
Other information services	519	305.0	303.6	292.3	291.0	--	217.4	215.8	212.3	211.3	--
Financial activities²		47.3	48.1	45.6	45.6	45.7	38.1	39.0	37.0	36.9	--
Finance and insurance	52	7,887	7,897	7,972	8,036	8,053	5,911	5,918	5,957	6,011	6,025
Monetary authorities - central bank	521	5,819.5	5,829.2	5,919.9	5,949.5	5,954.5	4,304.0	4,311.5	4,378.9	4,402.6	--
Credit intermediation and related activities.....	522	23.3	23.4	22.1	22.2	22.2	--	--	--	--	--
Depository credit intermediation	5221	2,676.6	2,688.1	2,781.6	2,796.3	2,802.3	1,964.1	1,972.0	2,049.2	2,061.2	--
Commercial banking	52211	1,744.5	1,749.9	1,767.6	1,778.2	1,782.4	1,271.6	1,277.2	1,296.1	1,307.2	--
Savings institutions	52212	1,290.0	1,294.1	1,301.8	1,309.2	1,311.9	923.0	927.0	937.6	945.6	--
Credit unions and other depository credit intermediation.....	52213,9	238.8	238.9	241.6	244.2	--	176.8	176.8	180.6	183.0	--
Nondepository credit intermediation	5222	215.7	216.9	224.2	224.8	--	171.8	173.4	177.9	178.6	--
Credit card issuing	52221	683.2	685.8	733.4	732.7	--	514.3	516.6	552.4	546.8	--
Sales financing	52222	130.5	128.7	130.2	130.1	--	98.9	97.7	100.8	100.9	--
Other nondepository credit intermediation.....	52229	111.4	112.3	117.6	116.5	--	72.6	74.6	80.3	77.3	--
Consumer lending	522291	441.3	444.8	485.6	486.1	--	342.8	344.3	371.3	368.6	--
Real estate credit	522292	98.4	99.3	105.1	105.1	--	69.2	69.6	74.2	74.3	--
Miscellaneous nondepository credit intermediation.....	522293,4,8	266.5	268.6	302.8	304.0	--	220.3	221.6	243.0	241.8	--
Activities related to credit intermediation	5223	76.4	76.9	77.7	77.0	--	53.3	53.1	54.1	52.5	--
Mortgage and nonmortgage loan brokers	52231	248.9	252.4	280.6	285.4	--	178.2	178.2	200.7	207.2	--
Financial transaction processing and clearing.....	52232	81.0	83.2	106.8	110.4	--	56.7	56.8	79.7	84.3	--
Other credit intermediation activities	52239	80.4	79.7	80.2	80.8	--	--	--	--	--	--
Securities, commodity contracts, investments.....	523	87.5	89.5	93.6	94.2	--	64.4	65.1	63.2	65.0	--
Securities brokerage	52312	807.1	804.8	793.7	801.3	803.1	510.1	509.2	501.2	508.1	--
Securities and commodity contracts brokerage and exchanges.....	5231,2	330.8	330.9	317.0	318.7	--	197.7	198.7	187.3	188.9	--
Other financial investment activities	5239	542.0	541.1	526.1	530.1	--	331.4	332.2	324.4	329.7	--
Miscellaneous intermediation	52391	265.1	263.7	267.6	271.2	--	178.7	177.0	176.8	178.4	--
Portfolio management	52392	26.1	25.0	30.0	31.4	--	--	--	--	--	--
Investment advice	52393	99.0	98.9	99.4	100.2	--	68.5	68.7	65.0	65.7	--
All other financial investment activities	52399	88.3	88.0	86.6	87.0	--	60.8	59.5	57.8	57.7	--
Insurance carriers and related activities	524	51.7	51.8	51.6	52.6	--	--	--	--	--	--
Insurance carriers	5241	2,226.6	2,227.3	2,239.7	2,247.3	2,244.8	1,753.1	1,753.6	1,755.2	1,759.7	--
Direct life and health insurance carriers.....	52411	1,402.1	1,400.5	1,399.0	1,402.9	--	1,107.9	1,107.3	1,104.2	1,106.4	--
Direct life insurance carriers	524113	785.5	783.7	777.4	777.7	--	596.6	596.2	592.7	592.2	--
Direct health and medical insurance carriers.....	524114	445.2	444.6	439.5	441.1	--	318.2	318.4	312.8	313.9	--
		340.3	339.1	337.9	336.6	--	278.4	277.8	279.9	278.3	--

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	2002 NAICS code	All employees					Production workers ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Financial activities-Continued											
Direct insurers, except life and health	52412	586.0	586.2	594.7	597.9	--	490.9	490.6	493.6	495.8	--
Direct property and casualty insurers.....	524126	496.1	495.9	495.5	497.2	--	418.9	418.8	419.3	420.5	--
Direct title insurance and other direct insurance carriers.....	524127,8	89.9	90.3	99.2	100.7	--	72.0	71.8	74.3	75.3	--
Reinsurance carriers	52413	30.6	30.6	26.9	27.3	--	20.4	20.5	17.9	18.4	--
Insurance agencies, brokerages, and related services.....	5242	824.5	826.8	840.7	844.4	--	645.2	646.3	651.0	653.3	--
Insurance agencies and brokerages	52421	621.2	624.7	639.2	639.9	--	477.9	479.7	485.9	486.1	--
Other insurance-related activities	52429	203.3	202.1	201.5	204.5	--	167.3	166.6	165.1	167.2	--
Claims adjusting	524291	47.8	47.9	46.4	46.3	--	39.5	40.0	39.1	39.4	--
Third-party administration of insurance funds.....	524292	113.2	111.2	112.5	114.7	--	94.2	92.3	91.9	93.7	--
All other insurance-related activities	524298	42.3	43.0	42.6	43.5	--	--	--	--	--	--
Funds, trusts, and other financial vehicles	525	85.9	85.6	82.8	82.4	82.1	60.1	60.1	58.0	58.0	--
Insurance and employee benefit funds	5251	47.3	47.3	45.8	45.6	--	--	--	--	--	--
Other investment pools and funds	5259	38.6	38.3	37.0	36.8	--	23.2	22.9	21.3	21.3	--
Real estate and rental and leasing	53	2,067.3	2,067.6	2,051.9	2,086.9	2,098.2	1,607.0	1,606.0	1,578.0	1,607.9	--
Real estate	531	1,367.4	1,367.6	1,366.5	1,387.0	1,396.7	1,044.1	1,044.1	1,029.8	1,044.9	--
Lessors of real estate	5311	613.3	614.2	604.5	612.7	--	488.4	489.2	481.6	487.7	--
Lessors of residential buildings	53111	384.7	384.8	378.7	386.6	--	310.2	311.6	308.6	313.9	--
Lessors of nonresidential buildings	53112	149.4	149.1	147.2	146.5	--	116.7	115.6	114.1	113.6	--
Miniwarehouse and self-storage unit operators.....	53113	34.0	33.8	34.4	34.1	--	--	--	--	--	--
Lessors of other real estate property	53119	45.2	46.5	44.2	45.5	--	34.1	34.9	31.9	32.8	--
Offices of real estate agents and brokers	5312	303.9	303.9	307.6	312.8	--	220.1	219.5	216.4	219.3	--
Activities related to real estate	5313	450.2	449.5	454.4	461.5	--	335.6	335.4	331.8	337.9	--
Real estate property managers	53131	381.4	380.9	380.7	385.7	--	287.4	286.8	283.3	288.1	--
Residential property managers	531311	266.6	266.5	261.3	264.5	--	202.7	202.3	196.3	199.7	--
Nonresidential property managers	531312	114.8	114.4	119.4	121.2	--	84.7	84.5	87.0	88.4	--
Offices of real estate appraisers	53132	38.9	38.6	40.6	42.4	--	--	--	--	--	--
Other activities related to real estate	53139	29.9	30.0	33.1	33.4	--	--	--	--	--	--
Rental and leasing services	532	670.7	670.8	655.8	669.9	671.5	539.7	538.1	524.6	538.3	--
Automotive equipment rental and leasing.....	5321	199.4	200.2	199.7	201.9	--	166.9	168.3	164.2	165.2	--
Passenger car rental and leasing	53211	138.8	139.7	133.3	135.1	--	116.5	118.5	109.2	109.7	--
Truck, trailer, and RV rental and leasing.....	53212	60.6	60.5	66.4	66.8	--	--	--	--	--	--
Consumer goods rental	5322	301.0	302.8	296.1	305.8	--	238.4	238.1	238.2	248.9	--
Video tape and disc rental	53223	158.2	160.2	152.7	156.1	--	127.0	127.4	126.4	132.2	--
Miscellaneous consumer goods rental	53221,2,9	142.8	142.6	143.4	149.7	--	111.4	110.7	111.8	116.7	--
Home health equipment rental	532291	38.7	39.5	39.9	41.2	--	--	--	--	--	--
General rental centers	5323	66.6	65.5	59.9	60.8	--	53.8	52.7	45.9	47.0	--
Machinery and equipment rental and leasing.....	5324	103.7	102.3	100.1	101.4	--	80.6	79.0	76.3	77.2	--
Heavy machinery rental and leasing	53241	55.5	54.5	50.4	50.3	--	42.6	41.6	39.1	39.2	--
Office equipment and other machinery rental and leasing.....	53242,9	48.2	47.8	49.7	51.1	--	--	--	--	--	--
Lessors of nonfinancial intangible assets	533	29.2	29.2	29.6	30.0	30.0	--	--	--	--	--
Professional and business services.....											
Professional and technical services	54	6,709.5	6,706.9	6,656.7	6,680.3	6,654.8	5,073.4	5,070.5	5,018.7	5,040.5	--
Legal services	5411	1,123.0	1,123.9	1,122.0	1,141.3	1,138.6	851.8	854.3	858.5	876.5	--
Offices of lawyers	54111	1,053.3	1,054.0	1,047.7	1,065.7	--	797.6	800.1	799.2	815.9	--
Other legal services	54119	69.7	69.9	74.3	75.6	--	54.2	54.2	59.3	60.6	--
Title abstract and settlement offices	541191	51.3	52.3	57.3	58.1	--	--	--	--	--	--
Accounting and bookkeeping services	5412	829.8	819.9	828.1	797.6	789.4	621.4	613.3	626.0	597.6	--
Offices of certified public accountants.....	541211	396.5	390.5	390.4	386.1	--	280.4	276.9	284.2	278.4	--
Tax preparation services	541213	63.8	64.7	67.3	44.5	--	51.6	51.3	49.5	30.3	--
Payroll services	541214	129.0	125.3	125.3	122.8	--	96.5	94.3	97.5	95.4	--
Other accounting services	541219	240.5	239.4	245.1	244.2	--	192.9	190.8	194.8	193.5	--
Architectural and engineering services	5413	1,267.5	1,271.7	1,242.3	1,253.2	1,262.9	998.4	1,003.2	971.4	983.3	--
Architectural services	54131	185.2	186.1	178.0	179.2	--	140.0	141.7	133.5	134.9	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Professional and business services-Continued											
Landscape architectural services	54132	43.9	43.5	42.9	43.8	--	34.9	34.6	35.8	36.5	--
Engineering and drafting services	54133,4	803.5	803.0	791.7	797.1	--	644.4	641.6	630.4	636.2	--
Building inspection, surveying, and mapping services	54135,6,7	87.7	90.9	86.0	88.6	--	69.5	73.8	67.8	70.0	--
Testing laboratories	54138	147.2	148.2	143.7	144.5	--	109.6	111.5	103.9	105.7	--
Specialized design services	5414	124.1	123.8	116.3	119.6	--	89.6	89.3	86.4	89.7	--
Interior design services	54141	33.6	34.0	30.6	32.8	--	23.1	22.9	21.7	24.1	--
Graphic design services	54143	72.0	71.6	70.5	73.1	--	52.1	52.3	51.2	53.2	--
Computer systems design and related services	5415	1,158.5	1,163.8	1,146.4	1,147.3	1,134.0	923.6	926.8	891.1	892.2	--
Custom computer programming services	541511	506.4	514.8	500.5	505.1	--	407.5	415.5	386.1	390.4	--
Computer systems design services	541512	461.3	460.6	456.9	455.3	--	361.8	358.7	353.8	353.3	--
Computer facilities management services	541513	58.7	58.1	56.1	55.6	--	--	--	--	--	--
Other computer-related services	541519	132.1	130.3	132.9	131.3	--	105.5	104.4	104.9	103.0	--
Management and technical consulting services	5416	731.6	728.6	732.5	734.3	735.4	486.2	483.3	497.7	499.9	--
Management consulting services	54161	617.1	612.3	615.3	616.0	--	397.4	394.1	410.2	410.8	--
Administrative management consulting services	541611	274.8	275.3	270.2	270.5	--	181.3	181.9	177.5	177.8	--
Human resource consulting services	541612	98.5	97.1	98.0	97.7	--	73.7	71.9	72.7	73.0	--
Marketing consulting services	541613	87.8	90.2	94.5	95.2	--	43.4	44.0	57.0	57.6	--
Process and logistics consulting services	541614	65.2	63.3	66.9	67.0	--	45.3	44.5	46.0	46.4	--
Other management consulting services	541618	90.8	86.4	85.7	85.6	--	53.7	51.8	57.0	56.0	--
Environmental consulting services	54162	62.9	62.8	64.5	65.3	--	51.7	50.9	50.2	51.3	--
Other technical consulting services	54169	51.6	53.5	52.7	53.0	--	37.1	38.3	37.3	37.8	--
Scientific research and development services	5417	546.4	546.7	540.0	548.2	--	384.9	383.8	375.4	382.9	--
Physical, engineering, and biological research	54171	474.5	475.7	469.7	478.4	--	335.4	334.9	325.4	333.7	--
Social science and humanities research	54172	71.9	71.0	70.3	69.8	--	49.5	48.9	50.0	49.2	--
Advertising and related services	5418	442.9	441.1	435.3	440.4	--	312.8	309.9	305.9	309.3	--
Advertising agencies	54181	175.5	174.4	169.9	172.3	--	110.1	110.0	107.3	109.5	--
Public relations agencies	54182	49.8	49.5	48.7	50.2	--	32.5	32.1	30.9	32.4	--
Media buying agencies and media representatives	54183,4	38.9	37.8	35.5	35.4	--	--	--	--	--	--
Direct mail advertising	54186	77.8	77.7	79.4	79.2	--	60.2	58.2	58.0	57.5	--
Advertising material distribution and other advertising services	54187,9	73.6	74.9	74.9	76.4	--	62.7	63.5	64.6	64.9	--
Other professional and technical services	5419	485.7	487.4	493.8	498.4	--	404.7	406.6	406.3	409.1	--
Marketing research and public opinion polling	54191	117.9	118.3	124.7	123.6	--	96.9	97.1	102.5	101.2	--
Photographic services	54192	80.6	79.2	72.7	72.3	--	66.6	66.6	59.0	58.7	--
Veterinary services	54194	241.1	243.2	248.6	253.6	--	202.1	204.0	205.6	209.3	--
Miscellaneous professional and technical services	54193,9	46.1	46.7	47.8	48.9	--	39.1	38.9	39.2	39.9	--
Management of companies and enterprises ..	55	1,720.3	1,712.6	1,692.8	1,696.0	1,697.4	1,296.0	1,284.4	1,209.5	1,203.6	--
Offices of bank holding companies and of other holding companies	551111,2	100.7	98.0	97.7	99.6	--	61.6	58.1	54.2	55.2	--
Managing offices	551114	1,619.6	1,614.6	1,595.1	1,596.4	--	1,234.4	1,226.3	1,155.3	1,148.4	--
Administrative and waste services	56	7,747.4	7,667.9	7,638.3	7,765.5	7,835.1	6,851.0	6,775.0	6,678.0	6,802.7	--
Administrative and support services	561	7,426.2	7,345.5	7,318.4	7,443.9	7,506.8	6,580.6	6,503.8	6,417.2	6,540.9	--
Office administrative services	5611	286.2	283.7	297.2	297.2	--	215.1	210.7	217.0	217.9	--
Facilities support services	5612	106.4	106.0	110.2	109.4	--	90.9	90.4	92.5	91.4	--
Employment services	5613	3,320.1	3,258.7	3,252.3	3,353.8	3,418.5	3,108.1	3,048.8	3,010.3	3,104.0	--
Employment placement agencies	56131	276.6	274.1	264.4	268.4	--	260.9	257.9	245.1	249.2	--
Temporary help services	56132	2,245.4	2,197.4	2,151.7	2,228.3	2,286.5	2,152.9	2,103.0	2,068.4	2,144.6	--
Professional employer organizations	56133	798.1	787.2	836.2	857.1	--	694.3	687.9	696.8	710.2	--
Business support services	5614	743.3	741.4	746.7	743.0	738.8	616.9	614.1	619.4	620.6	--
Document preparation services	56141	36.7	35.9	38.9	38.3	--	--	--	--	--	--

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	2002 NAICS code	All employees					Production workers ¹				
		June 2002	July 2002	May 2003	June 2003 ^p	July 2003 ^p	June 2002	July 2002	May 2003	June 2003 ^p	July 2003 ^p
Professional and business services-Continued											
Telephone call centers	56142	361.9	361.1	361.5	360.5	--	308.2	307.3	310.3	312.1	--
Telephone answering services	561421	51.9	52.9	50.4	51.5	--	43.8	45.0	41.3	42.0	--
Telemarketing bureaus	561422	310.0	308.2	311.1	309.0	--	264.4	262.3	269.0	270.1	--
Business service centers	56143	87.1	85.9	87.8	85.4	--	70.5	67.9	68.1	68.1	--
Collection agencies	56144	138.4	141.5	137.2	136.6	--	117.3	120.5	116.5	115.6	--
Credit bureaus	56145	30.1	29.6	32.7	32.8	--	--	--	--	--	--
Other business support services	56149	89.1	87.4	88.6	89.4	--	69.4	68.1	68.1	68.5	--
Travel arrangement and reservation services	5615	263.2	260.6	258.9	262.4	--	207.8	205.8	204.6	208.0	--
Travel agencies	56151	135.1	133.9	130.3	131.8	--	100.0	99.5	99.2	100.7	--
Tour operators	56152	32.3	32.4	31.3	32.8	--	25.6	25.7	24.5	26.1	--
Other travel arrangement services	56159	95.8	94.3	97.3	97.8	--	82.2	80.6	80.9	81.2	--
Investigation and security services	5616	729.6	722.9	719.9	716.8	--	648.5	643.7	644.6	640.5	--
Security and armored car services	56161	624.0	615.7	616.8	615.6	--	574.7	568.3	568.3	565.9	--
Investigation services	561611	46.0	47.3	47.4	48.8	--	--	--	--	--	--
Security guards and patrols and armored car services	561612,3	578.0	568.4	569.4	566.8	--	533.4	524.8	526.8	523.5	--
Security systems services	56162	105.6	107.2	103.1	101.2	--	73.8	75.4	76.3	74.6	--
Services to buildings and dwellings	5617	1,685.7	1,683.7	1,660.0	1,686.2	1,695.7	1,446.0	1,447.7	1,406.1	1,433.3	--
Exterminating and pest control services	56171	91.8	91.7	88.0	88.7	--	64.4	64.3	61.5	63.0	--
Janitorial services	56172	870.0	867.1	867.3	864.3	--	774.0	773.3	765.9	761.8	--
Landscaping services	56173	604.0	603.4	583.1	605.8	--	510.9	511.3	484.1	507.7	--
Carpet and upholstery cleaning services	56174	48.4	47.1	47.5	48.7	--	37.8	37.4	35.9	37.4	--
Other services to buildings and dwellings	56179	71.5	74.4	74.1	78.7	--	58.9	61.4	58.7	63.4	--
Other support services	5619	291.7	288.5	273.2	275.1	--	247.3	242.6	222.7	225.2	--
Packaging and labeling services	56191	52.7	53.6	54.1	54.8	--	45.0	45.8	45.9	46.3	--
Convention and trade show organizers	56192	51.6	51.2	47.7	47.3	--	44.6	43.4	38.0	38.0	--
All other support services	56199	187.4	183.7	171.4	173.0	--	157.7	153.4	138.8	140.9	--
Waste management and remediation services	562	321.2	322.4	319.9	321.6	328.3	270.4	271.2	260.8	261.8	--
Waste collection	5621	100.8	101.1	100.2	100.1	--	87.3	87.7	85.1	85.1	--
Waste treatment and disposal	5622	118.1	118.3	121.7	122.2	--	98.5	97.4	95.6	95.4	--
Hazardous waste treatment and disposal	562211	49.1	49.2	50.8	50.3	--	--	--	--	--	--
Nonhazardous waste treatment and disposal	562212,3,9	69.0	69.1	70.9	71.9	--	58.7	58.4	60.0	60.6	--
Remediation and other waste services	5629	102.3	103.0	98.0	99.3	--	84.6	86.1	80.1	81.3	--
Remediation services	56291	64.8	64.7	57.1	58.5	--	53.5	54.0	46.2	47.6	--
Materials recovery facilities and other waste management services	56292,9	37.5	38.3	40.9	40.8	--	--	--	--	--	--
Education and health services.....		16,027	15,928	16,578	16,339	16,211	14,165	14,064	14,568	14,353	14,232
Educational services	61	2,478.9	2,395.6	2,768.0	2,492.8	2,394.5	--	--	--	--	--
Elementary and secondary schools	6111	780.7	737.5	815.7	784.3	--	--	--	--	--	--
Junior colleges	6112	81.1	78.9	84.4	80.4	--	--	--	--	--	--
Colleges and universities	6113	1,179.1	1,142.9	1,418.2	1,182.0	--	--	--	--	--	--
Business, computer, and management training	6114	83.6	81.9	87.8	89.2	--	--	--	--	--	--
Business and secretarial schools and computer training	61141,2	39.3	38.4	38.8	39.3	--	--	--	--	--	--
Management training	61143	44.3	43.5	49.0	49.9	--	--	--	--	--	--
Technical and trade schools	6115	95.3	95.0	99.0	98.3	--	--	--	--	--	--
Other schools and instruction	6116	203.2	205.8	210.5	206.1	--	--	--	--	--	--
Fine arts schools	61161	46.9	44.7	53.7	44.7	--	--	--	--	--	--
Sports and recreation instruction	61162	50.4	53.6	44.0	48.9	--	--	--	--	--	--
Miscellaneous schools and instruction	61163,9	105.9	107.5	112.8	112.5	--	--	--	--	--	--
Educational support services	6117	55.9	53.6	52.4	52.5	--	--	--	--	--	--
Health care and social assistance	62	13,548.1	13,532.0	13,809.7	13,846.3	13,816.7	12,002.8	11,974.2	12,153.1	12,179.3	--
Ambulatory health care services	621	4,633.0	4,629.8	4,765.9	4,795.4	4,795.1	3,965.3	3,956.1	4,038.1	4,063.4	--
Offices of physicians	6211	1,974.4	1,988.5	2,042.6	2,053.5	2,059.8	1,644.0	1,653.9	1,674.0	1,682.3	--
Offices of physicians, except mental health	621111	1,934.9	1,949.3	2,004.3	2,015.0	--	1,610.5	1,621.2	1,643.4	1,651.5	--

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	2002 NAICS code	All employees					Production workers ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Education and health services-Continued											
Offices of mental health physicians	621112	39.5	39.2	38.3	38.5	--	33.5	32.7	30.6	30.8	--
Offices of dentists	6212	726.3	722.8	748.9	752.3	--	625.0	622.2	639.4	642.8	--
Offices of other health practitioners	6213	486.7	484.4	489.8	490.8	--	395.8	394.8	393.7	393.9	--
Offices of chiropractors	62131	104.0	103.7	105.5	107.2	--	80.4	79.7	80.7	81.9	--
Offices of optometrists	62132	90.6	90.5	90.9	92.1	--	71.0	71.5	71.7	72.7	--
Offices of mental health practitioners	62133	56.4	55.4	60.7	60.4	--	47.5	48.3	50.7	50.3	--
Offices of specialty therapists	62134	173.4	172.1	169.8	169.6	--	150.1	147.5	140.3	139.8	--
Offices of all other health practitioners	62139	62.3	62.7	62.9	61.5	--	46.8	47.8	50.3	49.2	--
Offices of podiatrists	621391	31.6	32.1	30.2	29.5	--	--	--	--	--	--
Offices of miscellaneous health practitioners.....	621399	30.7	30.6	32.7	32.0	--	--	--	--	--	--
Outpatient care centers	6214	408.3	409.7	413.4	417.1	413.9	354.6	353.6	356.7	359.6	--
Outpatient mental health centers	62142	137.4	137.4	136.7	136.5	--	118.5	117.8	117.3	117.6	--
Outpatient care centers, except mental health	62141,9	270.9	272.3	276.7	280.6	--	236.1	235.8	239.4	242.0	--
HMO medical centers	621491	62.4	62.5	61.0	61.6	--	--	--	--	--	--
Kidney dialysis centers	621492	66.4	67.0	68.5	70.4	--	--	--	--	--	--
Freestanding emergency medical centers.....	621493	56.3	56.6	59.6	60.0	--	--	--	--	--	--
Miscellaneous outpatient care centers.....	621410,98	85.8	86.2	87.6	88.6	--	74.0	73.2	73.2	73.7	--
Medical and diagnostic laboratories	6215	172.9	172.2	176.9	178.5	--	151.2	150.5	154.7	155.6	--
Medical laboratories	621511	126.0	125.8	127.8	128.6	--	110.3	109.3	110.5	111.3	--
Diagnostic imaging centers	621512	46.9	46.4	49.1	49.9	--	--	--	--	--	--
Home health care services	6216	679.9	669.5	705.7	712.8	711.1	627.2	615.6	650.6	658.6	--
Other ambulatory health care services	6219	184.5	182.7	188.6	190.4	--	167.5	165.5	169.0	170.6	--
Ambulance services	62191	104.3	103.0	105.8	108.6	--	97.2	95.7	97.1	99.7	--
All other ambulatory health care services.....	62199	80.2	79.7	82.8	81.8	--	70.3	69.8	71.9	70.9	--
Blood and organ banks	621991	52.7	53.1	55.9	56.0	--	46.6	46.9	49.7	49.8	--
Miscellaneous ambulatory health care services.....	621999	27.5	26.6	26.9	25.8	--	--	--	--	--	--
Hospitals	622	4,153.4	4,173.3	4,208.6	4,232.8	4,242.0	3,836.4	3,851.6	3,866.1	3,888.7	--
General medical and surgical hospitals	6221	3,928.0	3,944.5	3,976.4	3,998.3	--	3,632.7	3,645.4	3,660.0	3,680.0	--
Psychiatric and substance abuse hospitals.....	6222	89.1	91.6	89.8	91.0	--	78.8	81.4	80.1	81.3	--
Other hospitals	6223	136.3	137.2	142.4	143.5	--	124.9	124.8	126.0	127.4	--
Nursing and residential care facilities	623	2,745.4	2,748.9	2,786.0	2,799.6	2,791.7	2,453.7	2,454.7	2,478.6	2,488.4	--
Nursing care facilities	6231	1,573.7	1,575.4	1,586.3	1,593.3	1,585.8	1,417.8	1,417.6	1,425.5	1,430.7	--
Residential mental health facilities	6232	475.8	477.6	486.4	489.0	--	415.0	417.5	423.9	425.5	--
Residential mental retardation facilities.....	62321	328.8	330.0	335.3	338.1	--	289.0	290.3	294.7	296.8	--
Residential mental and substance abuse care	62322	147.0	147.6	151.1	150.9	--	126.0	127.2	129.2	128.7	--
Community care facilities for the elderly	6233	528.6	529.0	548.1	550.8	--	474.2	474.7	489.7	491.9	--
Continuing care retirement communities.....	623311	232.1	230.3	237.7	238.0	--	211.1	210.1	214.3	214.9	--
Homes for the elderly	623312	296.5	298.7	310.4	312.8	--	263.1	264.6	275.4	277.0	--
Other residential care facilities	6239	167.3	166.9	165.2	166.5	--	146.7	144.9	139.5	140.3	--
Social assistance	624	2,016.3	1,980.0	2,049.2	2,018.5	1,987.9	1,747.4	1,711.8	1,770.3	1,738.8	--
Individual and family services	6241	769.4	770.3	795.9	790.5	--	664.8	664.6	686.6	680.1	--
Child and youth services	62411	148.2	147.7	150.1	149.8	--	120.9	121.1	122.5	121.6	--
Services for the elderly and disabled	62412	336.8	339.3	348.5	350.7	--	302.7	305.0	312.3	313.2	--
Other individual and family services	62419	284.4	283.3	297.3	290.0	--	241.2	238.5	251.8	245.3	--
Emergency and other relief services	6242	127.5	123.9	125.3	126.5	--	101.9	99.0	98.1	100.4	--
Community food services	62421	28.8	27.8	29.3	29.5	--	23.7	23.1	24.7	24.7	--
Community housing, emergency, and relief services.....	62422,3	98.7	96.1	96.0	97.0	--	78.2	75.9	73.4	75.7	--
Vocational rehabilitation services	6243	377.3	379.2	382.0	383.9	--	330.4	332.1	330.7	332.3	--
Child day care services	6244	742.1	706.6	746.0	717.6	682.6	650.3	616.1	654.9	626.0	--
Leisure and hospitality.....		12,453	12,519	12,221	12,580	12,663	11,013	11,069	10,728	11,059	11,136
Arts, entertainment, and recreation	71	1,997.8	2,033.4	1,826.8	1,988.1	2,041.2	1,729.8	1,766.8	1,551.7	1,708.6	--
Performing arts and spectator sports	711	367.9	364.6	364.0	366.9	365.1	297.9	299.8	299.0	302.3	--
Performing arts companies	7111	119.2	118.4	112.6	109.1	--	101.2	100.7	93.4	91.0	--
Musical groups and artists	71113	43.9	44.4	30.9	29.6	--	36.7	37.3	25.0	24.2	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Leisure and hospitality-Continued											
Theater, dance, and other performing arts companies.....	71111,12,19	75.3	74.0	81.7	79.5	--	64.5	63.4	68.4	66.8	--
Spectator sports	7112	127.5	128.1	128.8	133.1	--	108.4	111.0	114.3	117.8	--
Sports teams and clubs	711211	53.6	53.1	53.0	54.8	--	--	--	--	--	--
Racetracks	711212	50.4	52.1	54.6	56.4	--	44.1	47.0	49.7	51.2	--
Other spectator sports	711219	23.5	22.9	21.2	21.9	--	--	--	--	--	--
Arts and sports promoters and agents and managers for public figures	7113,4	81.8	79.0	79.8	80.4	--	58.5	58.9	60.2	61.0	--
Independent artists, writers, and performers	7115	39.4	39.1	42.8	44.3	--	29.8	29.2	31.1	32.5	--
Museums, historical sites, zoos, and parks	712	121.9	122.2	111.6	117.7	121.1	97.6	97.6	86.4	92.2	--
Museums	71211	72.2	72.5	68.9	70.6	--	57.3	57.7	53.3	55.2	--
Historical sites	71212	13.2	12.9	11.6	12.2	--	--	--	--	--	--
Zoos, botanical gardens, nature parks, and similar institutions	71213,9	36.5	36.8	31.1	34.9	--	29.7	29.6	23.7	26.9	--
Amusements, gambling, and recreation	713	1,508.0	1,546.6	1,351.2	1,503.5	1,555.0	1,334.3	1,369.4	1,166.3	1,314.1	--
Amusement parks and arcades	7131	193.4	200.1	173.5	197.1	--	182.2	189.2	159.7	184.0	--
Amusement and theme parks	71311	172.5	178.3	153.9	175.5	--	164.5	170.2	143.9	166.2	--
Amusement arcades	71312	20.9	21.8	19.6	21.6	--	--	--	--	--	--
Gambling industries	7132	137.5	138.4	133.6	134.2	--	120.8	124.1	116.8	117.3	--
Casinos, except casino hotels	71321	108.1	109.1	105.4	105.3	--	95.6	98.6	93.6	93.4	--
Other gambling industries	71329	29.4	29.3	28.2	28.9	--	25.2	25.5	23.2	23.9	--
Other amusement and recreation industries	7139	1,177.1	1,208.1	1,044.1	1,172.2	--	1,031.3	1,056.1	889.8	1,012.8	--
Golf courses and country clubs	71391	370.4	376.6	326.9	363.9	--	322.5	327.3	268.8	305.7	--
Skiing facilities	71392	15.8	17.0	17.2	17.1	--	11.2	11.8	13.2	13.0	--
Marinas	71393	34.5	35.5	31.8	34.9	--	29.2	30.0	26.1	29.0	--
Fitness and recreational sports centers	71394	543.4	561.5	479.7	543.7	--	484.0	499.7	424.0	485.0	--
Bowling centers	71395	66.6	63.2	69.4	63.8	--	57.1	53.5	59.6	55.1	--
All other amusement and recreation industries	71399	146.4	154.3	119.1	148.8	--	127.3	133.8	98.1	125.0	--
Accommodations and food services	72	10,455.4	10,485.7	10,394.6	10,591.8	10,622.2	9,283.0	9,302.0	9,176.5	9,350.3	--
Accommodations	721	1,862.4	1,896.6	1,775.0	1,859.8	1,927.3	1,608.9	1,649.4	1,529.3	1,609.6	--
Traveler accommodations and other longer-term accommodations	7211,3	1,811.0	1,836.8	1,726.1	1,784.5	--	1,566.3	1,599.2	1,490.6	1,546.5	--
Hotels and motels, except casino hotels	72111	1,492.6	1,514.5	1,405.3	1,462.9	--	1,288.6	1,317.1	1,210.8	1,265.3	--
Casino hotels	72112	281.2	283.5	282.5	284.4	--	--	--	--	--	--
Miscellaneous traveler accommodations	72119,31	37.2	38.8	38.3	37.2	--	30.5	32.5	32.6	31.8	--
Bed-and-breakfast inns	721191	16.1	16.6	14.1	15.4	--	--	--	--	--	--
All other traveler accommodations and rooming and boarding houses	721199,310	21.1	22.2	24.2	21.8	--	--	--	--	--	--
RV parks and recreational camps	7212	51.4	59.8	48.9	75.3	--	42.6	50.2	38.7	63.1	--
RV parks and campgrounds	721211	28.0	29.4	25.3	31.6	--	24.0	25.2	20.7	26.1	--
Recreational and vacation camps	721214	23.4	30.4	23.6	43.7	--	18.6	25.0	18.0	37.0	--
Food services and drinking places	722	8,593.0	8,589.1	8,619.6	8,732.0	8,694.9	7,674.1	7,652.6	7,647.2	7,740.7	--
Full-service restaurants	7221	4,086.2	4,088.5	4,115.7	4,184.6	--	3,699.9	3,690.8	3,712.0	3,771.2	--
Limited-service eating places	7222	3,606.6	3,609.8	3,605.0	3,632.7	--	3,191.2	3,183.8	3,157.0	3,176.5	--
Limited-service restaurants	722211	3,142.5	3,144.0	3,159.9	3,179.1	--	2,774.4	2,765.2	2,761.5	2,773.5	--
Cafeterias	722212	134.6	132.8	132.1	127.7	--	124.6	122.4	122.8	118.0	--
Snack and nonalcoholic beverage bars	722213	329.5	333.0	313.0	325.9	--	292.2	296.2	272.7	285.0	--
Special food services	7223	509.4	501.2	498.5	510.7	--	445.9	441.4	435.8	448.2	--
Food service contractors	72231	354.3	350.4	345.2	350.2	--	314.3	312.6	305.3	311.3	--
Caterers and mobile food services	72232,3	155.1	150.8	153.3	160.5	--	131.6	128.8	130.5	136.9	--
Drinking places, alcoholic beverages	7224	390.8	389.6	400.4	404.0	--	337.1	336.6	342.4	344.8	--
Other services		5,403	5,395	5,333	5,376	5,374	4,475	4,468	4,391	4,432	4,435
Repair and maintenance	811	1,252.0	1,245.3	1,215.9	1,226.1	1,224.8	991.1	988.0	950.7	959.4	--
Automotive repair and maintenance	8111	902.7	894.4	885.4	894.4	--	713.1	707.4	695.4	701.7	--
Automotive mechanical and electrical repair	81111	415.5	414.1	397.8	401.9	--	315.9	316.0	298.6	301.5	--

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	2002 NAICS code	All employees					Production workers ¹				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Other services-Continued											
General automotive repair	811111	317.0	316.0	304.8	308.8	--	244.9	244.9	230.2	232.7	--
Automotive exhaust system repair	811112	21.8	21.7	21.2	21.4	--	15.9	16.1	16.5	16.6	--
Automotive transmission repair	811113	29.1	29.4	27.3	27.2	--	--	--	--	--	--
Other automotive mechanical and elec. repair	811118	47.6	47.0	44.5	44.5	--	34.3	34.0	31.9	32.4	--
Automotive body, interior, and glass repair	81112	265.5	262.3	260.9	264.7	--	209.2	206.1	204.3	207.7	--
Automotive body and interior repair ...	811121	228.7	227.4	226.1	229.3	--	178.3	177.2	176.9	180.1	--
Automotive glass replacement shops	811122	36.8	34.9	34.8	35.4	--	30.9	28.9	27.4	27.6	--
Other automotive repair and maintenance	81119	221.7	218.0	226.7	227.8	--	188.0	185.3	192.5	192.5	--
Car washes	811192	142.7	138.9	147.6	148.8	--	124.8	121.0	127.4	128.4	--
Auto oil change shops and all other auto repair and maintenance	811191,8	79.0	79.1	79.1	79.0	--	63.2	64.3	65.1	64.1	--
Electronic equipment repair and maintenance	8112	105.7	106.4	98.3	97.5	--	83.9	84.2	74.9	75.0	--
Computer and office machine repair ..	811212	46.5	47.3	41.3	41.0	--	37.4	38.4	30.9	31.6	--
Miscellaneous electronic equipment repair and maintenance	811211,3,9	59.2	59.1	57.0	56.5	--	46.5	45.8	44.0	43.4	--
Commercial machinery repair and maintenance	8113	158.9	159.6	151.7	152.2	--	124.5	126.4	119.1	120.0	--
Household goods repair and maintenance	8114	84.7	84.9	80.5	82.0	--	69.6	70.0	61.3	62.7	--
Personal and laundry services	812	1,264.1	1,251.0	1,236.2	1,237.8	1,227.1	1,075.3	1,065.3	1,046.0	1,047.5	--
Personal care services	8121	529.0	523.9	526.1	524.6	--	459.2	455.9	459.3	457.5	--
Hair, nail, and skin care services	81211	442.8	438.8	434.8	434.4	--	389.9	387.1	382.3	380.9	--
Barber shops and beauty salons	812111,2	418.9	415.2	411.7	411.1	--	369.0	365.8	361.8	359.9	--
Nail salons	812113	23.9	23.6	23.1	23.3	--	--	--	--	--	--
Other personal care services	81219	86.2	85.1	91.3	90.2	--	69.3	68.8	77.0	76.6	--
Death care services	8122	142.9	142.2	141.4	141.3	--	111.6	110.4	109.4	109.0	--
Funeral homes and funeral services	81221	102.5	102.2	103.7	103.4	--	79.7	79.2	79.4	79.2	--
Cemeteries and crematories	81222	40.4	40.0	37.7	37.9	--	31.9	31.2	30.0	29.8	--
Dry-cleaning and laundry services	8123	373.4	366.8	354.5	357.0	--	321.6	316.8	300.9	303.6	--
Coin-operated laundries and dry cleaners	81231	41.2	40.1	39.9	39.9	--	35.4	34.6	32.8	33.2	--
Dry-cleaning and laundry services, except coin-operated	81232	202.5	197.4	190.0	192.0	--	173.8	170.6	161.5	163.0	--
Linen and uniform supply	81233	129.7	129.3	124.6	125.1	--	112.4	111.6	106.6	107.4	--
Linen supply	812331	74.2	73.8	72.6	73.0	--	66.1	65.6	64.9	65.2	--
Industrial launderers	812332	55.5	55.5	52.0	52.1	--	46.3	46.0	41.7	42.2	--
Other personal services	8129	218.8	218.1	214.2	214.9	--	182.9	182.2	176.4	177.4	--
Pet care services, except veterinary	81291	35.4	36.9	34.0	35.1	--	--	--	--	--	--
Photofinishing	81292	54.1	53.7	51.4	50.3	--	45.0	44.6	42.4	41.5	--
Parking lots and garages	81293	94.1	93.1	95.8	96.4	--	83.7	82.5	83.1	83.7	--
All other personal services	81299	35.2	34.4	33.0	33.1	--	29.1	27.9	25.1	24.9	--
Membership associations and organizations	813	2,886.5	2,898.6	2,880.7	2,911.9	2,922.1	2,408.9	2,414.5	2,394.3	2,424.6	--
Grantmaking and giving services	8132	128.3	129.3	129.2	127.0	--	96.0	98.3	95.1	93.5	--
Grantmaking foundations	813211	48.8	49.2	48.7	47.4	--	36.4	36.7	35.1	33.7	--
Voluntary health organizations	813212	37.2	37.0	39.3	38.6	--	--	--	--	--	--
Other grantmaking and giving services	813219	42.3	43.1	41.2	41.0	--	29.3	30.4	28.1	28.3	--
Social advocacy organizations	8133	168.0	168.0	181.5	173.1	--	136.7	135.1	144.9	136.9	--
Human rights organizations	813311	42.3	42.0	41.4	41.1	--	34.2	33.0	32.1	31.5	--
Environment, conservation, and other social advocacy organizations...	813312,9	125.7	126.0	140.1	132.0	--	102.5	102.1	112.8	105.4	--
Civic and social organizations	8134	428.8	437.6	419.3	447.4	--	361.3	367.8	354.0	381.1	--
Professional and similar organizations	8139	515.6	517.9	504.9	518.6	--	379.5	377.9	364.9	377.7	--
Business associations	81391	127.0	127.2	129.1	131.1	--	83.5	83.8	87.5	88.9	--
Professional organizations	81392	72.4	71.4	73.2	73.8	--	45.2	44.4	49.0	49.7	--
Labor unions and similar labor organizations	81393	145.7	141.3	141.3	142.1	--	107.1	100.0	95.8	96.4	--
Miscellaneous professional and similar organizations	81394,9	170.5	178.0	161.3	171.6	--	143.7	149.7	132.6	142.7	--

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 ¹				
		June 2002	July 2002	May 2003	June 2003 ^p	July 2003 ^p	June 2002	July 2002	May 2003	June 2003 ^p	July 2003 ^p
Government		21,522	20,340	21,906	21,513	20,328	--	--	--	--	--
Federal		2,784	2,777	2,765	2,770	2,772	--	--	--	--	--
Federal, except U.S. Postal Service		1,929.9	1,941.1	1,946.5	1,953.0	1,955.2	--	--	--	--	--
Federal hospitals		227.1	227.6	233.4	234.8	--	--	--	--	--	--
Department of Defense		501.4	504.2	491.3	496.1	--	--	--	--	--	--
Other Federal government		1,177.1	1,184.8	1,198.9	1,199.2	--	--	--	--	--	--
U.S. Postal Service ³		854.5	835.6	818.6	816.5	816.5	--	--	--	--	--
State government		4,871	4,781	5,006	4,770	4,669	--	--	--	--	--
State government education		2,055.2	1,970.1	2,240.1	1,990.4	1,897.8	--	--	--	--	--
State government, excluding education		2,815.4	2,810.7	2,766.1	2,779.2	2,771.6	--	--	--	--	--
State hospitals		350.4	351.9	352.3	355.7	--	--	--	--	--	--
State government general administration		1,916.5	1,911.5	1,873.3	1,881.0	--	--	--	--	--	--
Other State government		548.5	547.3	540.5	542.5	--	--	--	--	--	--
Local government		13,867	12,782	14,135	13,973	12,887	--	--	--	--	--
Local government education		7,653.7	6,517.0	8,048.0	7,719.9	6,562.7	--	--	--	--	--
Local government, excluding education		6,213.5	6,265.3	6,086.5	6,253.3	6,324.5	--	--	--	--	--
Local government utilities		234.5	235.4	232.7	236.0	--	--	--	--	--	--
Local government transportation		243.7	244.0	243.7	243.8	--	--	--	--	--	--
Local hospitals		643.0	645.5	655.9	659.4	--	--	--	--	--	--
Local government general administration		4,109.3	4,155.0	3,984.1	4,115.7	--	--	--	--	--	--
Other local government		983.0	985.4	970.1	998.4	--	--	--	--	--	--

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

² Excludes nonoffice commissioned real estate sales agents.

³ Includes rural mail carriers.

-- Data not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from

March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May 2004 estimates, all unadjusted data from April 2002 forward are subject to revision. The 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 with the SIC-based data

**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	May 2002	June 2002	Apr. 2003	May 2003	June 2003 ^P
Total nonfarm	63,693	63,603	63,418	63,530	63,394
Total private	51,053	51,298	50,799	50,943	51,105
Goods-producing	5,524	5,555	5,271	5,281	5,303
Natural resources and mining ¹	87	87	79	80	82
Mining	80.0	79.8	73.5	74.0	75.6
Construction	831	839	821	834	845
Manufacturing	4,606	4,629	4,371	4,367	4,376
Durable goods	2,512	2,514	2,372	2,362	2,360
Nondurable goods	2,094	2,115	1,999	2,005	2,016
Service-providing	58,169	58,048	58,147	58,249	58,091
Private service-providing	45,529	45,743	45,528	45,662	45,802
Trade, transportation, and utilities	10,397	10,449	10,205	10,245	10,261
Wholesale trade	1,710.4	1,724.1	1,683.6	1,687.7	1,690.1
Retail trade	7,389.8	7,421.6	7,254.1	7,285.2	7,309.3
Transportation and warehousing	1,146.9	1,151.2	1,116.2	1,120.9	1,109.7
Utilities	150.2	152.3	151.2	151.3	152.2
Information	1,573	1,573	1,480	1,474	1,479
Financial activities	4,735	4,764	4,808	4,812	4,847
Finance and insurance	3,819.7	3,831.2	3,877.5	3,879.9	3,895.6
Real estate and rental and leasing	914.8	932.3	930.0	932.3	951.5
Professional and business services	7,314	7,353	7,322	7,258	7,290
Professional and technical services	3,156.1	3,167.2	3,297.8	3,178.6	3,181.3
Management of companies and enterprises	878.0	878.0	849.1	850.9	848.6
Administrative and waste services	3,279.7	3,308.2	3,174.6	3,228.1	3,259.7
Education and health services	12,464	12,369	12,781	12,766	12,617
Educational services	1,618.2	1,482.8	1,702.2	1,655.3	1,489.0
Health care and social assistance	10,845.8	10,886.0	11,078.9	11,110.5	11,127.8
Leisure and hospitality	6,288	6,459	6,173	6,338	6,527
Arts, entertainment, and recreation	824.0	897.9	767.9	807.0	883.5
Accommodations and food services	5,463.5	5,561.2	5,404.9	5,531.1	5,643.7
Other services	2,758	2,776	2,759	2,769	2,781
Government	12,640	12,305	12,619	12,587	12,289
Federal	1,158	1,162	1,184	1,177	1,181
State government	2,652	2,529	2,651	2,602	2,480
Local government	8,830	8,614	8,784	8,808	8,628

¹ Includes other industries, not shown separately.

^P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May 2004 estimates, all unadjusted data from April 2002 forward are subject to revision. The data reflect

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
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		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Alabama	1,889.9	1,879.5	1,875.2	13.4	13.2	13.4	99.8	100.9	102.3
Birmingham	481.8	478.2	479.8	(1)	(1)	(1)	32.4	30.7	30.9
Huntsville	186.3	181.0	179.6	(1)	(1)	(1)	7.5	7.0	7.0
Mobile	228.5	224.9	225.4	(1)	(1)	(1)	15.6	16.8	16.7
Montgomery	163.1	163.6	163.4	(1)	(1)	(1)	9.0	9.8	9.9
Tuscaloosa	81.5	83.3	81.8	(1)	(1)	(1)	8.9	9.5	9.7
Alaska	308.0	300.9	311.4	11.0	10.3	10.2	18.2	16.7	18.7
Anchorage	144.9	143.8	147.4	2.9	2.6	2.7	9.2	8.3	9.5
Arizona	2,250.1	2,291.5	2,264.6	8.9	8.5	8.6	173.4	176.8	179.0
Phoenix-Mesa	1,584.0	1,610.9	1,595.9	2.4	2.3	2.3	126.6	127.7	129.0
Tucson	341.6	350.8	343.4	1.6	1.4	1.4	22.7	23.5	23.9
Arkansas	1,152.6	1,155.2	1,152.5	6.9	6.8	6.9	56.8	54.3	55.4
Fayetteville-Springdale-Rogers	169.4	171.9	171.3	(1)	(1)	(1)	8.1	7.8	7.9
Fort Smith	101.5	101.5	101.3	.9	.8	.8	4.7	4.6	4.7
Little Rock-North Little Rock	319.1	316.3	316.0	(1)	(1)	(1)	18.4	17.4	17.8
Pine Bluff	35.9	35.9	35.7	(1)	(1)	(1)	1.4	.9	.9
California	14,623.7	14,487.7	14,526.2	23.6	22.4	23.0	783.5	784.2	798.3
Bakersfield	208.1	205.1	205.9	7.7	7.8	7.8	13.6	13.5	13.5
Fresno	312.9	317.2	318.3	.4	.3	.3	18.8	19.1	19.2
Los Angeles-Long Beach	4,062.0	4,015.3	4,011.7	3.5	3.4	3.5	135.6	134.7	136.4
Modesto	151.1	151.2	152.5	(1)	(1)	(1)	10.7	10.4	10.6
Oakland	1,048.3	1,044.1	1,044.1	1.3	1.3	1.4	67.9	66.0	67.2
Orange County	1,415.8	1,405.3	1,408.4	.5	.5	.5	79.3	78.9	79.7
Riverside-San Bernardino	1,073.0	1,072.7	1,076.5	1.2	1.1	1.1	90.3	95.6	96.1
Sacramento	750.0	746.8	750.2	.5	.6	.6	57.6	58.7	59.7
Salinas	134.1	131.7	132.3	.2	.2	.2	6.7	6.5	6.6
San Diego	1,247.1	1,236.5	1,235.6	.4	.3	.3	77.9	80.1	80.3
San Francisco	995.5	971.6	972.8	(1)	(1)	(1)	46.0	42.4	42.9
San Jose	917.2	868.9	871.3	.3	.2	.2	43.1	40.4	41.1
Santa Barbara-Santa Maria-Lompoc	167.8	165.4	165.4	.9	.8	.9	8.0	8.2	8.5
Santa Rosa	189.7	186.2	186.5	.3	.3	.3	13.6	13.3	13.8
Stockton-Lodi	194.3	196.2	196.2	.2	.2	.2	13.8	14.0	14.5
Vallejo-Fairfield-Napa	182.9	183.3	184.4	.3	.3	.3	15.3	16.3	16.6
Ventura	283.7	275.1	275.6	.8	.7	.7	15.6	13.8	13.7
Colorado	2,211.3	2,172.8	2,191.1	13.2	13.6	13.7	168.3	155.6	159.4
Boulder-Longmont ²	184.8	159.6	157.8	(1)	(1)	(1)	8.3	6.9	7.0
Colorado Springs	243.9	239.8	239.0	(1)	(1)	(1)	15.8	14.5	14.2
Denver ²	1,161.0	1,164.4	1,168.5	5.1	4.7	4.7	90.2	87.6	88.3
Connecticut	1,689.3	1,661.5	1,669.1	.8	.6	.7	66.4	61.5	62.6
Bridgeport	188.1	187.5	187.8	(1)	(1)	(1)	7.3	6.5	6.7
Danbury	90.5	91.1	92.5	(1)	(1)	(1)	4.4	4.4	4.5
Hartford	612.5	607.1	604.8	(1)	(1)	(1)	23.5	22.4	22.9
New Haven-Meriden	264.0	261.6	262.4	(1)	(1)	(1)	11.0	11.0	11.3
New London-Norwich	147.0	146.8	148.5	(1)	(1)	(1)	4.7	4.3	4.4
Stamford-Norwalk	202.7	197.0	199.4	(1)	(1)	(1)	6.4	6.2	6.4
Waterbury	85.7	83.0	84.1	(1)	(1)	(1)	4.0	3.8	3.8
Delaware	418.1	414.9	417.1	(1)	(1)	(1)	24.9	24.5	25.0
Dover	56.2	56.3	55.4	(1)	(1)	(1)	2.9	3.0	3.0
Wilmington-Newark	321.4	316.2	315.3	(1)	(1)	(1)	19.1	17.4	17.9
District of Columbia	665.4	659.3	661.0	(1)	(1)	(1)	12.3	11.9	12.1
Washington PMSA	2,821.2	2,828.7	2,847.0	(1)	(1)	(1)	170.5	168.0	170.9
Florida	7,153.1	7,312.7	7,230.7	(1)	(1)	(1)	435.0	443.7	448.4
Daytona Beach	165.8	170.6	168.6	(1)	(1)	(1)	10.4	9.8	9.8
Fort Lauderdale	704.7	718.9	719.0	(1)	(1)	(1)	43.8	43.9	44.3
Fort Myers-Cape Coral	181.1	186.9	184.3	(1)	(1)	(1)	21.6	21.1	22.0
Gainesville	119.6	122.8	118.4	(1)	(1)	(1)	5.3	5.3	5.4
Jacksonville	558.5	567.3	561.4	(1)	(1)	(1)	34.0	33.6	34.3
Lakeland-Winter Haven	186.3	190.2	186.9	(1)	(1)	(1)	12.7	13.7	13.8
Melbourne-Titusville-Palm Bay	189.6	192.1	190.4	(1)	(1)	(1)	11.9	11.5	11.4
Miami	1,022.2	1,030.2	1,027.4	(1)	(1)	(1)	39.8	41.2	41.3
Orlando	903.2	924.6	917.6	(1)	(1)	(1)	55.7	57.8	58.3
Pensacola	153.6	156.1	153.3	(1)	(1)	(1)	11.2	11.3	11.2
Sarasota-Bradenton	274.7	281.9	280.0	(1)	(1)	(1)	18.8	20.4	21.0
Tallahassee	155.0	159.5	155.8	(1)	(1)	(1)	6.8	6.8	6.9
Tampa-St. Petersburg-Clearwater	1,215.0	1,243.3	1,226.2	(1)	(1)	(1)	63.7	65.5	66.2
West Palm Beach-Boca Raton	516.4	538.8	531.5	(1)	(1)	(1)	35.3	35.8	36.0

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		
	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P
Alabama	307.8	296.4	295.7	372.8	369.0	370.0	34.4	33.8	33.8
Birmingham	43.7	39.0	38.8	102.2	101.0	101.0	15.5	15.3	15.4
Huntsville	33.9	32.4	32.3	28.8	27.2	27.5	2.5	2.4	2.4
Mobile	22.5	20.6	20.4	50.5	50.3	50.0	3.3	3.2	3.2
Montgomery	15.7	15.9	15.9	30.6	30.3	30.6	3.2	2.8	2.7
Tuscaloosa	11.5	11.3	11.6	13.8	13.6	13.5	1.1	1.0	1.0
Alaska	11.6	8.8	11.4	64.7	61.4	64.0	7.2	6.9	7.2
Anchorage	1.9	1.8	1.9	33.2	32.1	32.5	4.7	4.7	4.7
Arizona	185.0	174.8	175.4	440.0	443.5	443.5	51.6	48.7	48.4
Phoenix-Mesa	139.1	129.7	130.1	324.0	325.4	325.3	39.1	36.3	36.0
Tucson	30.6	29.2	28.9	54.2	55.3	55.7	7.9	7.3	7.3
Arkansas	215.6	209.5	209.4	242.1	243.0	243.8	20.5	19.7	19.8
Fayetteville-Springdale-Rogers	30.9	30.2	30.2	41.8	43.3	43.4	2.3	2.2	2.2
Fort Smith	26.1	26.0	25.8	19.3	19.5	19.7	1.8	1.7	1.7
Little Rock-North Little Rock	26.5	25.7	25.7	68.3	66.8	66.7	9.2	8.9	8.9
Pine Bluff	7.0	7.0	7.0	6.6	6.8	6.7	.3	.2	.2
California	1,661.7	1,586.4	1,589.5	2,735.9	2,712.2	2,723.6	505.3	471.6	472.2
Bakersfield	10.9	10.8	10.9	39.0	39.3	39.5	2.5	2.4	2.4
Fresno	29.1	30.1	30.6	58.8	58.2	59.1	5.4	5.1	5.0
Los Angeles-Long Beach	543.3	514.5	513.6	784.9	781.6	782.4	212.1	198.8	199.8
Modesto	21.1	21.6	22.2	31.6	31.5	31.6	1.9	1.8	1.8
Oakland	103.6	98.7	98.5	204.6	200.4	200.4	35.3	33.4	33.3
Orange County	193.1	182.7	182.9	263.7	259.0	259.6	37.0	33.8	33.7
Riverside-San Bernardino	116.4	114.6	115.1	224.8	229.0	231.0	14.1	13.5	13.5
Sacramento	41.9	37.9	37.9	120.6	120.7	121.1	22.3	20.3	20.2
Salinas	8.3	8.1	8.2	25.9	25.3	25.4	2.4	2.5	2.5
San Diego	114.0	109.1	109.1	211.6	210.0	209.0	38.0	35.1	35.0
San Francisco	50.5	47.8	47.9	175.4	172.4	173.3	49.8	46.8	46.6
San Jose	205.4	185.6	184.6	134.9	128.1	128.7	34.0	31.7	31.8
Santa Barbara-Santa Maria-Lompoc	13.5	12.5	12.5	28.4	27.5	27.5	4.0	3.9	3.9
Santa Rosa	27.1	24.5	24.3	34.5	34.0	34.3	4.2	4.3	4.3
Stockton-Lodi	20.7	20.2	20.8	44.2	44.2	44.3	3.1	3.1	3.1
Vallejo-Fairfield-Napa	20.7	21.6	21.6	32.9	32.6	32.6	2.5	2.5	2.5
Ventura	39.0	36.5	36.7	51.9	52.3	52.4	8.3	8.0	8.0
Colorado	167.9	156.4	156.2	415.1	404.0	408.2	94.2	89.0	88.5
Boulder-Longmont ²	26.1	21.7	21.7	28.7	22.9	22.9	13.4	10.9	10.8
Colorado Springs	22.6	21.5	21.0	38.1	37.0	36.9	12.9	11.6	11.5
Denver ²	71.7	72.9	73.4	234.4	233.9	235.5	57.8	57.4	57.1
Connecticut	213.4	204.6	204.3	314.6	308.9	313.5	41.6	39.9	40.0
Bridgeport	30.8	29.1	29.1	37.7	38.0	38.4	4.6	5.0	5.1
Danbury	14.1	14.2	14.2	18.3	18.6	18.9	3.0	3.0	3.1
Hartford	79.1	74.8	74.9	107.6	106.0	107.5	12.2	11.0	11.1
New Haven-Meriden	32.7	32.1	32.1	47.7	46.1	47.2	9.5	9.9	9.9
New London-Norwich	19.9	19.7	19.7	24.7	24.1	24.8	2.5	2.4	2.4
Stamford-Norwalk	12.4	11.7	11.7	36.2	34.0	34.4	6.8	6.5	6.6
Waterbury	13.6	12.6	12.5	15.7	14.8	14.9	1.4	1.4	1.4
Delaware	37.2	34.8	35.2	77.7	77.4	77.2	7.8	7.8	7.8
Dover	5.2	4.1	4.1	9.9	9.9	9.7	.6	.7	.7
Wilmington-Newark	24.4	22.9	23.2	58.9	56.1	55.6	6.8	6.9	6.9
District of Columbia	2.9	2.8	2.8	28.0	27.4	27.3	25.9	25.6	25.8
Washington PMSA	77.3	73.0	73.2	397.0	399.8	401.2	118.6	108.7	108.2
Florida	409.3	392.8	390.5	1,469.4	1,465.1	1,460.1	178.2	169.2	170.1
Daytona Beach	11.3	10.6	10.4	33.1	32.9	32.7	4.0	4.1	4.3
Fort Lauderdale	33.8	33.1	32.7	155.1	154.1	153.8	20.5	19.7	20.2
Fort Myers-Cape Coral	6.2	6.1	6.1	38.6	39.6	39.4	4.5	4.4	4.3
Gainesville	4.5	4.3	4.3	16.7	16.2	16.1	2.1	1.9	1.9
Jacksonville	34.3	33.5	33.8	122.9	120.4	118.9	13.3	13.0	13.0
Lakeland-Winter Haven	17.2	16.6	16.3	45.0	44.1	44.0	2.4	2.3	2.3
Melbourne-Titusville-Palm Bay	23.2	23.1	23.2	34.7	35.6	35.6	2.8	2.5	2.5
Miami	56.6	56.6	56.7	258.9	253.8	253.2	32.4	30.4	30.8
Orlando	45.0	42.0	41.8	173.7	173.8	172.6	24.4	23.1	23.2
Pensacola	7.4	7.1	7.0	29.1	28.8	28.9	4.3	4.0	4.0
Sarasota-Bradenton	20.0	18.7	18.6	47.5	47.5	47.0	4.3	4.1	4.1
Tallahassee	3.7	3.5	3.5	22.1	21.8	21.8	3.9	3.9	3.9
Tampa-St. Petersburg-Clearwater	75.9	73.1	72.8	224.4	223.4	222.4	35.2	34.1	34.2
West Palm Beach-Boca Raton	23.1	23.7	23.4	98.5	103.1	102.7	11.9	11.3	11.3

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	Financial activities			Professional and business services			Education and health services		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Alabama	98.3	97.2	97.5	186.6	184.9	185.7	181.6	184.3	181.7
Birmingham	39.7	39.7	39.8	62.8	63.3	63.8	53.7	54.9	55.0
Huntsville	5.8	5.4	5.4	33.3	30.9	30.8	11.5	11.5	10.8
Mobile	13.0	12.5	12.6	25.7	26.3	26.2	25.0	24.3	24.4
Montgomery	10.8	10.5	10.5	16.9	17.2	17.0	17.8	17.5	17.5
Tuscaloosa	2.9	2.8	2.8	5.2	4.9	4.8	5.6	5.7	5.7
Alaska	14.0	13.7	14.2	24.1	23.6	24.7	30.6	31.9	32.3
Anchorage	8.5	8.3	8.6	16.9	16.8	17.4	16.3	17.1	17.5
Arizona	154.5	153.6	153.8	316.4	316.6	318.0	230.7	245.2	244.5
Phoenix-Mesa	130.3	129.8	130.3	254.8	256.7	257.9	151.7	161.4	161.2
Tucson	14.2	14.8	14.9	41.1	40.0	40.1	43.5	45.1	45.2
Arkansas	50.1	50.0	50.4	102.1	100.6	101.6	134.1	138.9	137.3
Fayetteville-Springdale-Rogers	6.5	6.8	6.8	26.5	26.3	26.3	14.7	15.3	15.2
Fort Smith	3.6	3.7	3.7	10.7	10.5	10.4	12.8	13.2	13.2
Little Rock-North Little Rock	19.0	19.7	19.8	38.8	39.3	39.4	39.1	39.8	39.8
Pine Bluff	1.4	1.4	1.4	2.1	2.1	2.1	5.4	5.5	5.4
California	852.7	862.6	866.0	2,135.6	2,103.6	2,113.9	1,498.0	1,531.9	1,520.1
Bakersfield	8.0	8.2	8.3	23.4	23.7	23.8	21.0	19.3	19.4
Fresno	15.0	14.9	15.0	27.9	28.5	28.7	38.4	40.0	39.8
Los Angeles-Long Beach	232.3	233.1	233.1	580.4	571.1	572.7	446.0	462.5	454.6
Modesto	5.6	5.9	5.9	15.9	16.1	16.3	18.1	18.1	18.1
Oakland	60.6	61.0	61.1	151.2	150.3	150.5	116.8	126.6	126.8
Orange County	110.3	114.1	113.8	249.6	254.0	254.7	118.8	119.5	119.4
Riverside-San Bernardino	40.2	40.5	40.6	106.9	105.6	106.7	112.5	113.9	114.0
Sacramento	50.8	53.7	53.9	88.9	88.3	88.8	72.6	74.4	73.7
Salinas	6.6	6.8	6.8	15.1	14.5	14.5	11.9	12.0	12.0
San Diego	74.7	73.9	74.0	202.8	201.2	201.4	120.1	118.3	118.3
San Francisco	96.8	95.5	95.9	191.0	181.8	182.0	96.3	100.1	98.6
San Jose	35.5	34.4	34.5	173.3	159.8	160.9	92.0	96.2	95.6
Santa Barbara-Santa Maria-Lompoc	8.7	9.1	9.1	21.1	20.7	20.8	19.2	19.4	19.0
Santa Rosa	10.5	10.6	10.5	19.4	18.6	19.0	23.8	24.6	24.4
Stockton-Lodi	9.1	9.2	9.2	17.0	17.8	17.8	22.7	24.4	23.8
Vallejo-Fairfield-Napa	7.1	7.1	7.1	17.6	17.3	17.5	23.0	23.8	23.5
Ventura	21.9	22.0	22.4	36.7	34.1	34.2	25.8	27.1	27.0
Colorado	147.7	152.5	153.9	296.8	287.2	291.6	208.4	213.0	211.7
Boulder-Longmont ²	8.3	7.5	7.6	30.8	24.0	23.8	15.9	15.6	15.6
Colorado Springs	16.2	16.7	16.7	32.8	32.1	31.0	22.3	23.1	22.7
Denver ²	93.5	97.0	98.1	179.4	176.7	180.1	109.4	113.8	112.8
Connecticut	143.9	142.1	143.8	206.1	200.0	202.3	257.0	264.4	261.4
Bridgeport	11.7	10.7	10.8	21.3	20.0	20.0	30.8	33.1	32.1
Danbury	4.3	4.3	4.4	11.1	10.5	10.5	12.5	12.9	13.0
Hartford	73.1	71.5	72.2	63.1	60.7	61.2	87.3	89.8	87.9
New Haven-Meriden	14.0	13.8	14.0	28.3	28.0	28.3	57.7	59.2	57.5
New London-Norwich	3.7	3.6	3.7	11.3	11.2	11.4	18.4	19.1	18.9
Stamford-Norwalk	27.7	28.2	28.0	45.3	43.1	44.0	22.3	22.6	22.7
Waterbury	3.7	3.8	3.8	8.3	8.0	8.2	15.1	15.1	15.5
Delaware	38.8	38.1	38.0	67.9	68.3	68.9	48.5	49.9	49.9
Dover	2.5	2.5	2.5	4.0	4.4	4.3	6.8	7.0	6.8
Wilmington-Newark	32.7	31.8	31.5	60.5	61.3	61.6	37.2	38.3	38.0
District of Columbia	31.0	30.9	31.1	141.6	140.4	142.3	85.6	86.1	83.2
Washington PMSA	152.8	154.5	156.6	581.8	591.1	594.4	293.5	296.7	297.8
Florida	476.5	483.8	483.7	1,227.1	1,248.6	1,250.2	855.5	875.4	875.8
Daytona Beach	7.1	7.4	7.5	18.2	19.4	19.5	28.6	29.9	30.2
Fort Lauderdale	56.4	57.3	57.6	121.2	123.8	123.8	77.6	79.1	80.0
Fort Myers-Cape Coral	10.6	11.2	11.1	26.6	26.3	26.4	17.2	18.5	18.3
Gainesville	6.7	6.8	6.8	9.6	7.5	7.6	20.3	20.4	20.8
Jacksonville	57.9	59.2	58.9	91.2	91.4	91.6	63.2	64.9	64.9
Lakeland-Winter Haven	11.0	11.2	11.2	26.8	27.6	27.1	22.2	22.5	22.7
Melbourne-Titusville-Palm Bay	7.5	7.7	7.7	31.4	31.4	31.2	25.0	25.5	25.6
Miami	67.1	66.7	66.8	158.1	162.0	161.6	125.4	129.0	127.8
Orlando	54.1	52.6	52.7	153.0	156.2	156.9	88.7	91.9	91.9
Pensacola	6.5	6.4	6.4	19.3	19.8	19.4	25.0	25.6	25.7
Sarasota-Bradenton	13.5	13.4	13.3	73.3	74.5	75.0	34.5	37.0	37.4
Tallahassee	7.0	7.1	7.1	18.8	18.1	18.3	15.8	16.1	16.3
Tampa-St. Petersburg-Clearwater	91.3	94.2	94.1	290.3	295.6	294.8	140.0	148.9	146.3
West Palm Beach-Boca Raton	39.3	39.7	39.8	98.5	105.3	106.0	72.3	71.5	73.0

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		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Alabama	156.7	154.5	156.6	87.4	86.0	86.2	351.1	359.3	352.3
Birmingham	38.1	38.9	38.9	24.1	23.7	24.3	69.6	71.7	71.9
Huntsville	15.2	15.6	15.6	7.2	7.1	7.1	40.6	41.5	40.7
Mobile	24.4	22.1	23.3	13.1	13.0	13.1	35.4	35.8	35.5
Montgomery	13.7	13.5	14.1	8.4	7.9	8.2	37.0	38.2	37.0
Tuscaloosa	7.5	7.9	8.0	3.9	3.6	3.6	21.1	23.0	21.1
Alaska	34.0	30.9	34.9	12.3	12.6	12.5	80.3	84.1	81.3
Anchorage	15.6	15.2	16.2	5.9	6.2	6.1	29.8	30.7	30.3
Arizona	232.1	236.8	233.0	87.8	88.5	89.1	369.7	398.5	371.3
Phoenix-Mesa	154.4	159.5	156.1	62.0	63.5	64.1	199.6	218.6	203.6
Tucson	37.4	38.5	37.6	14.6	15.0	15.1	73.8	80.7	73.3
Arkansas	91.8	92.0	93.3	41.7	40.8	41.5	190.9	199.6	193.1
Fayetteville-Springdale-Rogers	13.4	13.4	13.4	4.7	4.7	4.8	20.5	21.9	21.1
Fort Smith	7.6	7.2	7.1	3.0	2.8	2.9	11.0	11.5	11.3
Little Rock-North Little Rock	25.3	24.3	24.2	12.5	12.0	12.2	62.0	62.4	61.5
Pine Bluff	2.3	2.2	2.2	1.4	1.4	1.4	8.0	8.4	8.4
California	1,419.9	1,415.3	1,431.5	515.6	504.4	503.8	2,491.9	2,493.1	2,484.3
Bakersfield	18.1	17.5	17.5	6.8	7.0	7.0	57.1	55.6	55.8
Fresno	27.9	28.3	28.9	12.3	13.2	12.9	78.9	79.5	78.8
Los Angeles-Long Beach	360.0	360.7	362.7	147.5	145.4	146.0	616.4	609.5	606.9
Modesto	13.9	13.8	13.9	6.3	6.6	6.7	26.0	25.4	25.4
Oakland	82.9	81.6	82.6	38.2	38.2	37.9	185.9	186.6	184.4
Orange County	159.1	158.9	160.6	45.7	45.6	46.0	158.7	158.3	157.5
Riverside-San Bernardino	109.0	104.8	104.1	39.1	39.7	39.7	218.5	214.4	214.6
Sacramento	70.5	67.9	69.5	26.7	26.2	26.3	197.6	198.1	198.5
Salinas	20.5	19.7	19.9	4.4	4.4	4.3	32.1	31.7	31.9
San Diego	136.7	136.0	136.3	47.4	49.2	49.3	223.5	223.3	222.6
San Francisco	115.7	111.7	112.9	39.3	39.1	39.3	134.7	134.0	133.4
San Jose	72.3	68.5	69.9	26.4	25.6	25.6	100.0	98.4	98.4
Santa Barbara-Santa Maria-Lompoc	21.3	20.9	21.0	6.2	6.0	6.0	36.5	36.4	36.2
Santa Rosa	20.4	21.1	21.4	6.8	6.8	6.8	29.1	28.1	27.4
Stockton-Lodi	16.4	16.2	16.3	6.5	6.7	6.7	40.6	40.2	39.5
Vallejo-Fairfield-Napa	21.3	20.1	21.1	5.4	5.5	5.6	36.8	36.2	36.0
Ventura	27.4	26.8	26.7	10.2	8.4	8.4	46.1	45.4	45.4
Colorado	257.0	246.4	261.7	87.1	84.5	86.2	355.6	370.6	360.0
Boulder-Longmont ²	19.1	15.7	15.9	6.0	5.3	5.5	28.2	29.1	27.0
Colorado Springs	28.5	27.5	29.2	14.4	14.1	14.6	40.3	41.7	41.2
Denver ²	112.1	109.6	111.0	44.6	43.7	44.8	162.8	167.1	162.7
Connecticut	131.4	127.2	132.6	64.0	63.3	63.3	250.1	249.0	244.6
Bridgeport	13.9	14.0	14.2	7.0	7.0	7.0	23.0	24.1	24.4
Danbury	7.2	7.3	7.7	3.9	3.8	4.0	11.7	12.1	12.2
Hartford	42.4	41.4	42.6	24.6	26.0	26.0	99.6	103.5	98.5
New Haven-Meriden	18.2	17.9	18.7	10.3	10.2	10.3	34.6	33.4	33.1
New London-Norwich	16.7	15.6	16.7	4.3	4.4	4.3	40.8	42.4	42.2
Stamford-Norwalk	16.9	15.8	16.7	9.1	9.1	9.2	19.6	19.8	19.7
Waterbury	6.8	6.7	7.1	3.4	3.5	3.5	13.7	13.3	13.4
Delaware	41.5	37.9	41.0	18.3	18.1	17.9	55.5	58.1	56.2
Dover	6.6	6.6	6.7	2.1	2.1	2.1	15.6	16.0	15.5
Wilmington-Newark	26.8	24.3	25.0	13.5	13.6	13.4	41.5	43.6	42.2
District of Columbia	49.3	49.4	49.6	56.3	55.7	55.8	232.5	229.1	231.0
Washington PMSA	241.4	237.6	245.5	163.3	164.8	165.6	625.0	634.5	633.6
Florida	811.7	832.7	829.4	312.8	315.8	316.9	977.6	1,085.6	1,005.6
Daytona Beach	22.2	22.3	22.2	8.3	8.6	8.6	22.6	25.6	23.4
Fort Lauderdale	72.3	74.7	73.6	29.3	30.7	30.9	94.7	102.5	102.1
Fort Myers-Cape Coral	22.2	22.6	21.8	8.3	8.7	8.7	25.3	28.4	26.2
Gainesville	11.8	12.5	12.5	4.4	4.5	4.5	38.2	43.4	38.5
Jacksonville	53.3	53.8	54.2	24.8	25.1	25.5	63.6	72.4	66.3
Lakeland-Winter Haven	15.8	16.3	16.3	7.4	7.6	7.6	25.8	28.3	25.6
Melbourne-Titusville-Palm Bay	19.3	19.1	19.0	7.5	7.6	7.6	26.3	28.1	26.6
Miami	91.4	93.1	93.0	41.3	39.6	39.8	151.2	157.8	156.4
Orlando	170.9	173.7	177.7	45.6	47.2	47.7	92.1	106.3	94.8
Pensacola	16.4	15.9	16.1	7.8	7.9	7.9	26.6	29.3	26.7
Sarasota-Bradenton	27.5	27.8	27.7	11.9	12.0	12.0	23.4	26.5	23.9
Tallahassee	12.3	11.7	12.0	8.2	8.3	8.5	56.4	62.2	57.5
Tampa-St. Petersburg-Clearwater	109.6	108.5	107.9	47.6	48.3	48.2	137.0	151.7	139.3
West Palm Beach-Boca Raton	59.4	63.0	61.5	23.5	23.3	21.9	54.6	62.1	55.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Natural resources and mining			Construction		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Georgia	3,919.8	3,935.8	3,945.0	12.5	11.7	12.1	201.3	211.5	213.5
Albany	56.6	57.7	57.7	(1)	(1)	(1)	3.0	3.2	3.2
Athens	73.9	73.5	73.6	(1)	(1)	(1)	3.1	3.2	3.2
Atlanta	2,194.6	2,201.5	2,211.8	1.9	1.7	1.7	118.8	122.2	122.3
Augusta-Aiken	199.6	199.2	199.7	(1)	(1)	(1)	13.6	12.4	12.3
Columbus	115.6	113.5	115.1	(1)	(1)	(1)	5.6	5.5	5.6
Macon	148.6	147.9	148.2	(1)	(1)	(1)	6.5	6.4	6.5
Savannah	139.9	140.1	140.2	(1)	(1)	(1)	8.4	8.5	8.6
Hawaii	563.7	569.6	570.0	(1)	(1)	(1)	26.1	27.5	27.5
Honolulu	418.8	423.0	423.1	(1)	(1)	(1)	17.9	19.0	18.9
Idaho	577.5	568.7	574.5	4.0	3.2	3.6	38.6	37.8	39.2
Boise City	230.2	227.3	228.2	(1)	(1)	(1)	16.3	15.2	15.7
Illinois	5,948.8	5,869.5	5,896.5	9.8	9.6	9.7	288.5	275.9	286.3
Bloomington-Normal	91.8	93.0	90.5	(1)	(1)	(1)	4.0	3.6	3.8
Champaign-Urbana	102.8	106.1	102.8	(1)	(1)	(1)	4.2	3.7	3.9
Chicago	4,176.6	4,117.0	4,141.9	2.0	1.8	1.9	202.4	197.6	201.9
Davenport-Moline-Rock Island	182.6	178.7	180.1	(1)	(1)	(1)	9.5	9.0	9.5
Decatur	55.0	54.2	54.3	(1)	(1)	(1)	3.3	3.1	3.2
Kankakee	43.9	43.4	43.1	(1)	(1)	(1)	2.0	1.8	1.9
Peoria-Pekin	173.0	169.7	170.5	(1)	(1)	(1)	9.2	8.8	9.2
Rockford	177.2	172.9	172.9	(1)	(1)	(1)	9.2	8.6	8.9
Springfield	116.4	112.1	112.4	(1)	(1)	(1)	5.7	5.4	5.4
Indiana	2,898.8	2,890.3	2,858.4	7.3	7.2	7.3	152.1	140.8	143.8
Bloomington	62.7	64.7	62.8	(1)	(1)	(1)	3.2	2.8	2.9
Elkhart-Goshen	118.9	122.1	122.7	(1)	(1)	(1)	4.9	4.3	4.4
Evansville-Henderson	163.2	160.7	159.9	.8	.8	.8	11.6	10.3	10.2
Fort Wayne	267.6	269.0	268.3	(1)	(1)	(1)	14.4	14.0	14.9
Gary	259.3	255.8	254.2	(1)	(1)	(1)	16.3	14.8	14.7
Indianapolis	887.2	862.8	863.5	.8	.7	.7	52.2	46.8	48.0
Kokomo	49.8	49.9	49.7	(1)	(1)	(1)	2.0	1.7	1.8
Lafayette	93.8	95.4	91.1	(1)	(1)	(1)	4.3	3.8	3.9
Muncie	55.0	56.9	54.1	(1)	(1)	(1)	2.4	2.1	2.2
South Bend	133.1	131.2	130.5	(1)	(1)	(1)	7.4	6.8	6.9
Terre Haute	66.5	65.7	64.5	(1)	(1)	(1)	3.6	3.1	3.1
Iowa	1,469.5	1,461.2	1,463.7	2.1	2.1	2.2	70.1	66.6	69.4
Cedar Rapids	120.1	118.8	119.0	(1)	(1)	(1)	7.0	6.9	7.0
Des Moines	291.6	289.8	291.0	.3	.2	.2	15.4	15.7	16.3
Dubuque	51.4	50.6	50.7	(1)	(1)	(1)	2.4	2.3	2.4
Iowa City	73.3	76.5	74.1	(1)	(1)	(1)	3.0	2.7	2.7
Sioux City	64.8	64.6	64.7	(1)	(1)	(1)	3.0	2.8	3.0
Waterloo-Cedar Falls	72.6	73.6	71.9	(1)	(1)	(1)	3.0	2.9	3.1
Kansas	1,353.4	1,344.2	1,344.7	6.7	6.5	6.6	66.3	65.0	67.6
Lawrence	50.3	51.1	49.9	(1)	(1)	(1)	2.6	2.7	2.7
Topeka	102.7	103.2	103.5	(1)	(1)	(1)	5.3	5.2	5.6
Wichita	284.0	278.9	276.9	1.2	1.1	1.2	15.0	14.2	14.5
Kentucky	1,801.9	1,784.3	1,781.8	20.5	19.6	19.7	85.2	82.0	83.0
Lexington	274.6	276.5	274.3	(1)	(1)	(1)	14.0	13.5	13.7
Louisville	569.9	570.7	570.9	(1)	(1)	(1)	30.6	31.8	32.4
Owensboro	43.7	44.1	44.4	(1)	(1)	(1)	3.1	2.9	3.0
Louisiana	1,911.7	1,901.2	1,896.3	48.8	46.5	46.5	118.9	119.9	121.8
Alexandria	56.9	56.8	56.2	.2	.2	.2	4.1	3.9	3.9
Baton Rouge	303.3	302.7	301.7	1.1	1.0	1.0	31.2	31.6	31.4
Houma	83.2	83.5	83.1	6.2	6.4	6.4	5.1	4.9	5.0
Lafayette	169.8	171.4	170.2	16.6	16.2	16.3	9.5	9.8	10.2
Lake Charles	84.9	86.1	85.5	.8	.7	.7	8.7	8.6	8.2
Monroe	75.6	73.3	72.2	.2	.3	.3	4.4	4.0	4.0
New Orleans	622.3	617.2	615.6	9.5	9.1	9.2	30.0	31.5	31.3
Shreveport-Bossier City	172.3	169.4	170.1	3.2	3.2	3.1	8.4	8.8	9.1
Maine	622.3	607.7	618.2	2.5	2.1	2.5	31.1	29.5	30.7
Lewiston-Auburn	47.1	46.1	46.5	(1)	(1)	(1)	2.3	2.1	2.2
Portland	158.2	156.0	157.5	(1)	(1)	(1)	7.8	8.8	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	Manufacturing			Trade, transportation, and utilities			Information		
	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P
Georgia	474.0	448.0	448.2	837.2	820.5	821.2	132.8	128.2	128.2
Albany	7.6	7.5	7.5	11.8	11.6	11.7	1.0	1.0	1.0
Athens	9.6	9.2	9.1	12.4	12.5	12.3	1.0	1.0	1.0
Atlanta	173.4	163.5	162.0	508.0	487.3	489.6	103.2	100.3	100.6
Augusta-Aiken	25.4	25.0	25.0	33.3	33.1	33.2	3.3	3.2	3.2
Columbus	15.5	12.8	13.8	17.7	17.9	18.1	6.5	6.3	6.3
Macon	15.8	15.0	15.2	26.3	26.0	25.9	2.8	2.5	2.5
Savannah	14.5	13.6	13.6	30.4	30.6	30.6	2.6	2.5	2.5
Hawaii	15.4	15.2	15.2	106.6	108.0	108.6	11.5	11.9	11.8
Honolulu	11.9	11.7	11.8	76.5	77.1	77.6	9.4	9.9	9.7
Idaho	65.6	60.9	60.8	116.7	113.9	115.4	9.3	9.1	9.1
Boise City	31.9	30.1	30.1	44.4	43.8	44.7	3.7	3.6	3.6
Illinois	761.8	735.2	734.6	1,199.3	1,187.2	1,194.4	148.1	145.0	145.8
Bloomington-Normal	7.3	7.5	7.5	13.6	13.4	13.2	8.7	8.6	8.4
Champaign-Urbana	9.9	9.7	9.7	16.8	16.8	16.8	2.9	3.0	3.0
Chicago	499.6	479.7	479.5	855.3	846.4	851.9	107.2	104.3	105.1
Davenport-Moline-Rock Island	24.8	23.8	24.0	40.3	39.6	39.6	3.2	3.2	3.2
Decatur	10.9	10.7	10.7	12.3	12.2	12.3	.9	.9	.9
Kankakee	5.9	5.9	5.9	10.1	10.0	10.0	.7	.7	.7
Peoria-Pekin	28.4	27.3	27.4	31.8	31.9	31.9	3.2	3.1	3.1
Rockford	41.0	39.8	39.2	33.2	32.9	32.9	2.4	2.5	2.5
Springfield	4.0	3.9	3.9	17.5	17.4	17.4	3.4	3.4	3.4
Indiana	594.9	579.0	582.3	584.6	576.7	576.5	43.1	41.7	41.9
Bloomington	7.6	7.3	7.3	10.1	9.9	9.9	1.2	1.2	1.2
Elkhart-Goshen	58.1	61.6	62.3	17.6	17.2	17.1	1.0	.9	.9
Evansville-Henderson	30.0	28.8	29.2	33.3	32.4	32.3	3.1	3.0	3.0
Fort Wayne	61.5	58.5	59.0	55.6	55.7	55.9	4.8	4.5	4.5
Gary	39.1	37.5	37.3	55.4	55.0	54.6	2.8	2.7	2.7
Indianapolis	111.6	110.5	111.4	202.1	198.9	198.6	17.1	16.1	16.2
Kokomo	17.6	17.4	17.2	7.8	8.2	8.3	.4	.4	.4
Lafayette	20.6	19.6	19.8	14.4	14.7	14.6	1.2	1.1	1.1
Muncie	8.4	8.0	7.9	9.8	9.5	9.3	.5	.5	.5
South Bend	18.9	19.4	19.4	27.6	25.8	25.6	2.2	2.1	2.1
Terre Haute	10.6	10.4	10.5	14.4	14.4	14.2	.9	.8	.8
Iowa	231.1	222.5	223.7	308.1	302.6	304.3	35.7	35.3	35.3
Cedar Rapids	18.4	17.6	17.5	25.6	26.3	26.4	6.3	5.8	5.9
Des Moines	19.6	19.1	19.4	63.2	64.0	64.6	9.5	10.0	10.3
Dubuque	9.3	8.7	8.9	11.3	11.4	11.5	1.7	1.6	1.6
Iowa City	5.3	5.2	5.1	13.0	13.5	13.5	3.0	3.1	3.1
Sioux City	13.1	13.2	13.3	14.3	14.4	14.5	.9	.8	.8
Waterloo-Cedar Falls	14.6	15.0	15.0	13.7	13.2	13.2	1.0	.9	1.0
Kansas	183.4	178.0	178.0	269.1	267.9	270.2	51.3	49.9	49.8
Lawrence	3.5	3.5	3.5	7.8	7.6	7.7	2.6	2.6	2.6
Topeka	7.0	6.7	6.7	19.5	18.7	18.7	4.1	3.6	3.4
Wichita	64.8	60.3	59.3	48.3	48.1	48.1	5.6	5.4	5.4
Kentucky	276.8	268.9	269.0	371.7	365.4	365.8	31.9	31.8	31.4
Lexington	42.2	40.9	41.0	49.5	48.1	48.2	6.1	6.1	5.9
Louisville	74.8	73.5	74.4	126.9	125.7	126.2	11.3	11.5	11.5
Owensboro	6.0	6.1	6.1	9.5	9.0	9.1	.6	.6	.6
Louisiana	162.6	157.2	158.4	387.3	388.0	385.8	29.3	29.8	29.8
Alexandria	3.3	3.1	3.1	10.8	11.3	10.9	1.0	1.0	1.0
Baton Rouge	22.0	21.4	21.5	60.5	59.6	60.0	5.0	5.2	5.2
Houma	7.3	7.2	7.3	21.3	21.2	21.2	.9	.9	.9
Lafayette	12.3	12.1	11.7	36.8	36.6	36.5	2.9	2.7	2.6
Lake Charles	9.6	9.9	9.8	16.3	16.8	16.9	1.6	1.6	1.6
Monroe	7.7	8.0	7.9	13.8	13.5	13.5	1.4	1.5	1.4
New Orleans	42.8	41.7	41.5	126.6	124.5	123.2	9.8	10.2	9.5
Shreveport-Bossier City	15.4	14.4	15.0	33.2	32.7	32.8	3.2	3.3	3.2
Maine	69.0	64.1	64.1	125.3	121.3	124.8	11.6	11.4	11.4
Lewiston-Auburn	6.6	6.3	6.3	9.6	9.4	9.5	.7	.6	.6
Portland	11.4	10.9	11.0	34.2	32.6	33.6	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		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Georgia	213.3	213.7	214.2	527.8	550.2	555.4	372.9	379.7	376.9
Albany	2.0	2.0	2.0	5.1	5.1	5.2	7.5	8.4	8.3
Athens	2.5	2.5	2.5	4.9	5.0	5.1	8.6	8.7	8.6
Atlanta	147.1	144.9	145.9	367.7	377.8	385.0	198.3	205.9	202.8
Augusta-Aiken	7.2	7.1	7.0	28.9	30.0	30.1	22.8	23.3	23.4
Columbus	7.6	8.4	8.4	13.7	14.3	14.3	10.8	11.1	11.0
Macon	9.1	10.3	10.3	15.8	15.0	15.0	18.9	18.3	18.3
Savannah	5.6	5.9	5.7	14.4	15.2	15.4	17.9	17.4	17.5
Hawaii	27.8	28.4	28.6	66.7	68.6	69.1	63.1	65.6	65.1
Honolulu	21.6	22.2	22.3	54.7	56.3	56.6	49.7	52.1	51.7
Idaho	25.8	26.3	26.6	71.2	70.4	71.2	59.1	60.5	60.7
Boise City	12.0	12.1	12.1	31.9	32.2	32.6	26.7	27.3	27.1
Illinois	403.6	400.3	401.2	791.2	783.3	787.4	709.7	720.3	715.7
Bloomington-Normal	12.7	12.3	12.4	10.1	9.9	10.0	9.5	9.3	9.3
Champaign-Urbana	4.2	4.2	4.2	7.1	6.9	6.9	11.0	11.0	11.1
Chicago	315.0	312.3	312.3	658.9	655.9	658.8	482.6	490.3	487.7
Davenport-Moline-Rock Island	8.9	8.8	8.9	20.9	20.4	20.8	22.2	22.0	22.1
Decatur	2.4	2.4	2.4	4.5	4.4	4.4	6.8	6.6	6.7
Kankakee	2.0	1.9	1.9	2.9	2.8	2.8	7.0	7.3	6.9
Peoria-Pekin	8.6	8.5	8.6	17.4	17.3	17.3	27.6	27.6	27.6
Rockford	8.0	7.9	7.9	17.5	16.3	16.4	21.9	21.7	21.7
Springfield	8.3	8.2	8.3	10.2	10.3	10.3	16.7	16.7	16.5
Indiana	141.2	139.4	141.8	257.5	242.5	242.6	337.5	351.8	338.4
Bloomington	2.4	2.5	2.5	4.6	3.9	3.9	7.3	7.5	7.3
Elkhart-Goshen	2.9	2.8	2.9	7.3	7.6	7.5	8.8	9.4	9.2
Evansville-Henderson	7.7	7.3	7.5	16.8	17.0	17.6	22.6	23.0	22.1
Fort Wayne	14.9	14.2	14.3	23.2	24.3	23.9	33.2	34.0	33.7
Gary	10.7	10.5	10.5	20.7	19.0	19.7	35.6	36.7	35.5
Indianapolis	63.0	61.7	62.5	113.3	100.3	100.5	95.1	95.8	94.1
Kokomo	1.5	1.5	1.6	3.9	3.6	3.7	3.7	3.7	3.6
Lafayette	4.6	4.5	4.6	5.6	4.4	4.4	9.7	9.5	9.6
Muncie	2.2	2.2	2.2	4.4	4.3	4.3	10.0	10.3	10.2
South Bend	7.0	7.1	7.4	11.4	11.0	10.8	28.5	29.3	28.8
Terre Haute	2.5	2.5	2.5	5.1	4.3	4.3	9.7	9.8	9.9
Iowa	94.8	93.5	93.6	107.3	107.2	109.0	183.3	194.3	190.5
Cedar Rapids	8.7	8.3	8.3	12.8	12.9	13.3	14.0	14.6	14.4
Des Moines	44.5	44.1	44.2	30.1	30.0	30.0	33.7	34.0	32.2
Dubuque	2.2	2.2	2.3	3.6	3.3	3.3	9.2	10.0	9.7
Iowa City	2.5	2.6	2.6	6.0	6.1	6.1	5.7	6.0	5.9
Sioux City	2.9	2.8	2.9	4.6	4.4	4.5	9.6	9.7	9.7
Waterloo-Cedar Falls	3.7	3.5	3.5	6.4	6.1	5.9	9.7	10.1	10.2
Kansas	69.1	69.8	70.5	129.1	125.3	126.2	157.0	160.3	159.3
Lawrence	1.9	1.8	1.8	3.5	3.5	3.5	5.2	5.1	5.0
Topeka	6.9	6.7	6.8	8.7	8.5	8.6	15.4	15.6	15.5
Wichita	12.5	12.7	12.8	26.5	26.3	26.3	37.3	37.0	36.9
Kentucky	85.5	85.1	85.2	155.8	154.6	155.2	221.2	227.2	225.5
Lexington	11.2	11.2	11.2	27.7	27.5	27.6	32.8	34.2	34.2
Louisville	37.4	38.2	38.3	65.5	62.9	62.5	66.1	69.5	69.7
Owensboro	2.1	2.0	2.0	3.0	3.3	3.4	5.0	5.2	5.2
Louisiana	100.2	98.8	98.4	182.9	174.2	174.3	232.0	238.7	234.8
Alexandria	2.6	2.6	2.6	3.8	3.7	3.7	10.8	10.7	10.6
Baton Rouge	16.3	16.3	16.4	37.5	35.7	35.6	30.5	31.7	31.6
Houma	5.2	5.2	5.1	6.4	6.4	6.3	7.3	7.5	7.5
Lafayette	9.5	10.4	10.4	16.8	15.6	15.8	21.5	22.6	22.4
Lake Charles	3.2	3.1	3.1	6.5	6.8	6.7	10.0	10.8	10.7
Monroe	5.6	5.5	5.5	9.0	7.0	7.1	10.9	11.3	10.9
New Orleans	35.3	35.4	35.1	73.9	71.8	71.9	80.3	82.4	81.1
Shreveport-Bossier City	7.7	7.2	7.1	13.9	13.4	13.1	23.4	23.4	23.6
Maine	35.4	34.9	35.4	53.3	51.6	52.5	104.0	107.2	105.9
Lewiston-Auburn	2.9	3.1	3.1	6.0	5.6	5.8	8.6	8.7	8.7
Portland	14.6	14.6	14.7	19.7	18.9	18.6	24.6	25.1	25.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Leisure and hospitality			Other services			Government		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Georgia	353.2	344.0	351.6	176.2	193.4	197.8	618.6	634.9	625.9
Albany	4.3	4.4	4.4	2.9	3.0	3.0	11.4	11.5	11.4
Athens	6.8	6.9	7.1	3.8	3.8	3.9	21.2	20.7	20.8
Atlanta	201.9	201.4	207.0	94.3	106.6	110.3	280.0	289.9	284.6
Augusta-Aiken	18.3	18.0	18.3	7.9	8.0	8.1	38.9	39.1	39.1
Columbus	11.5	10.7	11.2	5.6	5.6	5.7	21.1	20.9	20.7
Macon	13.8	14.3	14.4	5.5	5.7	5.8	34.1	34.4	34.3
Savannah	18.0	17.3	17.3	7.8	8.5	8.6	20.3	20.6	20.4
Hawaii	98.5	98.2	99.2	24.0	23.9	24.0	124.0	122.3	120.9
Honolulu	58.3	58.0	58.8	19.1	19.0	19.0	99.7	97.7	96.7
Idaho	56.0	54.5	56.9	18.1	17.4	17.6	113.1	114.7	113.4
Boise City	20.7	19.6	20.0	6.8	6.7	6.6	35.8	36.7	35.7
Illinois	514.7	497.2	511.6	256.9	249.1	255.2	865.2	866.4	854.6
Bloomington-Normal	9.2	9.2	9.3	3.6	3.5	3.6	13.1	15.7	13.0
Champaign-Urbana	9.4	9.9	9.8	3.3	3.3	3.3	34.0	37.6	34.1
Chicago	349.4	334.7	346.2	178.0	175.0	176.5	526.2	519.0	520.1
Davenport-Moline-Rock Island	18.8	18.3	18.5	7.2	7.1	7.2	26.8	26.5	26.3
Decatur	5.0	4.9	5.0	2.7	2.6	2.7	6.2	6.4	6.0
Kankakee	4.1	4.0	4.0	1.8	1.6	1.7	7.4	7.4	7.3
Peoria-Pekin	17.9	17.5	17.8	7.6	7.4	7.5	21.3	20.3	20.1
Rockford	13.8	13.3	13.5	10.1	9.8	10.0	20.1	20.0	19.9
Springfield	10.7	10.2	10.6	6.5	6.3	6.4	33.4	30.3	30.2
Indiana	281.0	269.0	276.8	109.9	110.2	110.4	389.7	432.0	396.6
Bloomington	6.7	6.6	6.5	2.0	2.0	2.1	17.6	21.0	19.2
Elkhart-Goshen	7.6	7.2	7.4	2.6	2.6	2.7	8.1	8.5	8.3
Evansville-Henderson	15.5	15.7	16.4	6.6	6.5	6.6	15.2	15.9	14.2
Fort Wayne	24.2	23.9	24.2	13.1	12.9	13.1	22.7	27.0	24.8
Gary	30.1	28.8	29.1	12.6	12.5	12.8	36.0	38.3	37.3
Indianapolis	90.6	82.5	83.9	32.1	33.1	34.4	109.3	116.4	113.2
Kokomo	4.7	4.4	4.5	1.5	1.5	1.6	6.7	7.5	7.0
Lafayette	8.3	8.3	8.3	3.1	3.2	3.3	22.0	26.3	21.5
Muncie	5.0	4.8	4.8	2.3	2.2	2.3	10.0	13.0	10.4
South Bend	11.0	10.3	10.5	4.5	4.3	4.4	14.6	15.1	14.6
Terre Haute	6.6	6.4	6.4	2.7	2.7	2.8	10.4	11.3	10.0
Iowa	131.5	127.0	129.3	57.5	57.4	57.8	248.0	252.7	248.6
Cedar Rapids	9.6	8.9	8.8	4.9	4.6	4.7	12.8	12.9	12.7
Des Moines	26.0	24.6	25.4	11.8	11.5	11.4	37.5	36.6	37.0
Dubuque	5.1	4.5	4.4	2.4	2.4	2.4	4.2	4.2	4.2
Iowa City	6.5	6.4	6.4	1.8	1.8	1.9	26.5	29.1	26.8
Sioux City	6.2	5.7	5.8	2.5	2.5	2.5	7.7	8.3	7.7
Waterloo-Cedar Falls	6.2	6.3	6.4	3.0	2.8	2.9	11.3	12.8	10.7
Kansas	111.9	108.8	110.5	53.8	53.3	54.1	255.7	259.4	251.9
Lawrence	6.3	6.4	6.4	2.5	2.9	3.0	14.4	15.0	13.7
Topeka	7.5	7.4	7.4	4.9	4.9	5.1	23.4	25.9	25.7
Wichita	25.1	24.5	25.0	11.1	10.8	11.1	36.6	38.5	36.3
Kentucky	160.4	158.5	159.0	77.4	73.9	74.6	315.5	317.3	313.4
Lexington	27.5	28.0	28.3	10.4	10.3	10.4	53.2	56.7	53.8
Louisville	55.7	55.0	54.5	30.6	30.7	30.9	71.0	71.9	70.5
Owensboro	3.7	3.9	3.9	2.8	2.8	2.8	7.9	8.3	8.3
Louisiana	200.2	197.6	198.3	71.8	71.7	72.1	377.7	378.8	376.1
Alexandria	4.7	4.6	4.6	2.1	2.0	2.0	13.5	13.7	13.6
Baton Rouge	27.6	26.5	26.9	11.7	11.4	11.5	59.9	62.3	60.6
Houma	6.5	6.2	6.3	2.8	2.8	2.8	14.2	14.8	14.3
Lafayette	15.1	15.8	15.7	5.5	5.4	5.4	23.3	24.2	23.2
Lake Charles	11.7	11.3	11.4	3.1	2.9	2.9	13.4	13.6	13.5
Monroe	6.0	6.1	6.1	2.9	2.8	2.8	13.7	13.3	12.7
New Orleans	83.6	82.5	83.7	24.1	23.0	23.5	106.4	105.1	105.6
Shreveport-Bossier City	23.2	22.9	23.2	8.5	8.7	8.7	32.2	31.4	31.2
Maine	65.3	58.1	65.3	20.0	20.1	20.2	104.8	107.4	105.4
Lewiston-Auburn	3.3	3.3	3.3	1.4	1.4	1.4	5.7	5.6	5.6
Portland	16.6	15.2	15.7	5.2	5.3	5.4	19.8	20.4	19.8

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		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Maryland	2,511.2	2,500.9	2,516.9	(1)	(1)	(1)	171.5	167.0	170.3
Baltimore PMSA	1,264.5	1,267.2	1,267.6	(1)	(1)	(1)	75.3	73.1	74.3
Baltimore City	390.0	386.5	387.2	(1)	(1)	(1)	12.0	11.7	11.8
Suburban Maryland-D.C.	936.6	934.6	941.1	(1)	(1)	(1)	77.3	76.6	78.2
Massachusetts	3,294.0	3,226.0	3,241.9	1.7	1.7	1.7	146.7	134.2	136.8
Barnstable-Yarmouth	71.7	65.0	70.0	(1)	(1)	(1)	4.3	4.2	4.3
Boston	2,002.9	1,951.4	1,960.2	.8	.7	.7	85.6	76.5	78.0
Brockton	101.8	101.8	102.3	(1)	(1)	(1)	5.1	4.9	5.0
Fitchburg-Leominster	52.5	52.5	53.1	(1)	(1)	(1)	2.2	2.0	2.1
Lawrence	160.7	155.7	156.8	(1)	(1)	(1)	7.2	6.8	6.9
Lowell	128.6	123.3	123.8	(1)	(1)	(1)	6.7	6.2	6.4
New Bedford	67.2	64.8	65.4	(1)	(1)	(1)	3.4	3.3	3.3
Pittsfield	44.5	42.7	43.8	(1)	(1)	(1)	2.4	2.1	2.2
Springfield	262.0	259.5	258.0	(1)	(1)	(1)	10.1	7.8	8.4
Worcester	234.2	225.7	225.3	(1)	(1)	(1)	9.6	8.8	9.0
Michigan	4,543.3	4,488.1	4,486.8	9.0	8.1	7.5	213.2	203.3	215.9
Ann Arbor	293.1	292.8	291.3	(1)	(1)	(1)	12.6	11.9	12.4
Benton Harbor	71.1	70.8	69.5	(1)	(1)	(1)	2.5	2.3	2.4
Detroit	2,119.8	2,091.4	2,105.9	(1)	(1)	(1)	94.1	88.7	95.1
Flint	166.6	161.3	162.2	(1)	(1)	(1)	8.0	7.1	7.6
Grand Rapids-Muskegon-Holland	580.2	579.6	577.5	.6	.6	.6	29.6	27.3	28.5
Jackson	64.9	63.4	62.9	(1)	(1)	(1)	2.9	2.7	2.9
Kalamazoo-Battle Creek	212.3	209.6	207.6	(1)	(1)	(1)	10.3	9.9	10.4
Lansing-East Lansing	240.4	245.2	240.6	(1)	(1)	(1)	10.4	12.2	13.0
Saginaw-Bay City-Midland	179.1	178.8	179.3	(1)	(1)	(1)	9.6	9.9	10.6
Minnesota	2,697.0	2,662.9	2,678.9	6.7	6.7	6.6	134.4	127.4	137.8
Duluth-Superior	117.1	116.4	116.5	3.3	3.2	2.9	4.8	4.3	4.7
Minneapolis-St. Paul	1,738.0	1,714.6	1,723.1	.7	.8	.8	85.9	78.6	84.0
Rochester	88.8	87.4	88.6	(1)	(1)	(1)	4.1	3.9	4.1
St. Cloud	94.0	95.1	92.9	(1)	(1)	(1)	5.3	5.0	5.3
Mississippi	1,132.5	1,128.3	1,127.4	9.0	9.2	9.6	55.5	54.9	55.6
Jackson	233.2	232.7	231.7	.8	.8	.8	11.7	12.0	11.9
Missouri	2,725.0	2,685.0	2,687.0	4.7	4.0	4.2	138.9	130.5	136.1
Kansas City	969.4	942.7	951.8	(1)	(1)	(1)	51.7	50.5	53.4
St. Louis	1,327.2	1,304.8	1,305.8	(1)	(1)	(1)	79.4	75.9	80.1
Springfield	168.1	169.2	170.7	(1)	(1)	(1)	8.1	7.6	7.8
Montana	405.1	401.2	404.8	6.6	5.9	6.4	23.5	22.3	23.5
Billings	70.3	70.0	70.9	(1)	(1)	(1)	4.6	4.2	4.7
Missoula	52.4	53.6	52.9	(1)	(1)	(1)	3.3	3.0	3.2
Nebraska	918.3	913.0	911.7	1.2	1.4	1.5	47.5	45.5	47.4
Lincoln	160.3	161.3	159.8	(1)	(1)	(1)	8.5	8.2	7.9
Omaha	434.6	435.4	434.3	(1)	(1)	(1)	24.7	25.3	26.1
Nevada	1,053.6	1,068.4	1,070.6	8.9	8.6	8.7	92.8	94.6	96.3
Las Vegas	787.7	804.8	803.2	1.3	1.3	1.4	75.8	77.8	78.8
Reno	197.1	198.2	199.0	.4	.4	.4	16.1	16.4	16.9
New Hampshire	626.6	616.8	625.4	1.0	.9	1.0	28.0	27.3	27.7
Manchester	108.4	108.5	109.3	(1)	(1)	(1)	6.3	6.6	6.8
Nashua	96.1	94.5	94.5	(1)	(1)	(1)	3.8	3.7	3.8
Portsmouth-Rochester	126.4	127.0	129.2	(1)	(1)	(1)	4.5	4.5	4.7
New Jersey	4,045.2	4,019.8	4,072.8	1.5	1.5	1.5	166.6	166.4	172.3
Atlantic-Cape May	198.1	190.9	201.3	(1)	(1)	(1)	10.1	9.3	9.7
Bergen-Passaic	664.8	660.0	659.5	(1)	(1)	(1)	27.4	26.0	26.7
Camden	518.4	518.2	523.7	(1)	(1)	(1)	24.5	24.9	26.0
Jersey City	256.2	258.5	258.7	(1)	(1)	(1)	6.3	6.7	7.0
Middlesex-Somerset-Hunterdon	663.4	661.7	664.5	(1)	(1)	(1)	25.7	26.5	27.1
Monmouth-Ocean	417.4	405.6	417.8	(1)	(1)	(1)	24.2	23.0	24.6
Newark	1,016.9	1,016.4	1,027.2	(1)	(1)	(1)	40.9	41.2	42.5
Trenton	226.5	224.6	226.6	(1)	(1)	(1)	5.8	5.5	5.7
Vineland-Millville-Bridgeton	61.4	60.8	61.6	(1)	(1)	(1)	2.4	2.3	2.4

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	Manufacturing			Trade, transportation, and utilities			Information		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Maryland	158.9	153.3	153.5	467.3	459.6	462.5	53.9	50.7	51.0
Baltimore PMSA	87.3	83.3	83.3	239.5	232.9	233.5	22.1	20.9	20.8
Baltimore City	23.6	22.7	22.7	47.0	43.9	44.1	7.4	7.4	7.4
Suburban Maryland-D.C.	38.7	37.5	37.8	166.3	164.7	165.1	28.2	26.5	26.5
Massachusetts	350.7	333.4	333.3	586.4	575.3	582.2	100.1	94.2	94.5
Barnstable-Yarmouth	1.9	1.8	1.9	16.5	15.0	15.9	1.6	1.5	1.5
Boston	169.0	159.7	159.7	336.5	329.0	332.6	70.2	66.7	67.3
Brockton	9.8	9.7	9.8	25.0	24.5	24.8	1.5	1.4	1.4
Fitchburg-Leominster	10.7	10.5	10.6	10.5	10.3	10.4	.7	.6	.6
Lawrence	30.8	28.2	28.0	30.9	30.3	30.6	4.2	4.2	4.2
Lowell	24.3	22.5	22.7	22.8	22.2	22.2	7.2	6.9	6.7
New Bedford	11.6	10.4	10.3	13.2	13.2	13.4	1.2	1.1	1.1
Pittsfield	6.0	5.6	5.6	7.9	7.9	7.9	.8	.8	.8
Springfield	31.0	30.0	29.9	48.7	49.2	48.9	5.0	5.0	5.1
Worcester	31.3	27.4	27.3	43.7	42.0	42.1	4.3	4.0	4.1
Michigan	768.9	739.9	745.4	844.9	833.9	837.1	75.2	75.6	75.0
Ann Arbor	43.6	40.9	40.6	43.9	43.8	43.7	5.9	6.0	5.9
Benton Harbor	16.2	16.6	16.4	13.2	12.9	13.3	1.0	1.0	1.0
Detroit	337.0	331.3	331.1	402.8	389.1	391.4	39.5	40.6	40.5
Flint	26.9	23.8	24.0	32.8	32.2	32.5	2.4	2.5	2.5
Grand Rapids-Muskegon-Holland	138.0	133.4	135.5	111.6	112.7	111.8	8.6	8.1	8.0
Jackson	10.6	9.9	9.7	14.2	13.5	13.6	.6	.6	.6
Kalamazoo-Battle Creek	41.9	40.6	41.0	37.9	38.9	38.4	2.4	2.5	2.4
Lansing-East Lansing	24.4	23.8	24.3	39.0	38.7	38.1	3.8	4.0	3.9
Saginaw-Bay City-Midland	25.5	24.3	24.4	34.1	32.8	34.7	3.1	3.2	3.1
Minnesota	360.7	346.4	348.6	529.8	524.4	526.3	68.5	67.0	68.1
Duluth-Superior	7.0	6.7	6.7	24.7	24.0	23.9	2.7	2.6	2.6
Minneapolis-St. Paul	212.7	203.3	203.8	338.9	331.8	334.1	50.9	48.8	49.3
Rochester	11.5	10.4	10.2	13.4	13.2	13.5	.9	.9	.9
St. Cloud	16.9	16.3	16.3	21.1	20.9	20.6	1.8	1.8	1.8
Mississippi	190.4	181.3	180.2	222.6	224.5	224.2	16.2	16.4	16.3
Jackson	17.3	18.2	18.1	49.2	49.3	48.7	6.5	6.5	6.0
Missouri	325.1	314.1	318.6	540.5	535.0	531.4	71.3	66.8	66.5
Kansas City	82.1	78.6	80.5	202.9	203.2	202.5	52.7	49.8	49.8
St. Louis	152.3	147.1	147.3	256.1	257.5	255.7	30.3	26.9	28.0
Springfield	18.4	17.6	17.8	41.5	40.8	40.4	3.8	3.2	3.2
Montana	20.3	19.0	19.3	86.1	84.3	85.5	7.9	8.0	8.0
Billings	3.1	2.9	3.0	18.1	18.1	18.3	1.2	1.2	1.2
Missoula	2.9	2.8	2.9	11.9	12.0	12.0	1.4	1.3	1.3
Nebraska	106.8	104.8	105.1	196.1	197.6	197.2	24.8	24.3	24.4
Lincoln	16.7	15.8	15.7	27.5	27.2	27.1	3.3	3.5	3.7
Omaha	33.4	32.8	32.8	98.4	99.5	98.6	17.1	16.5	16.5
Nevada	42.7	42.6	43.0	190.9	190.5	191.7	17.0	16.1	16.0
Las Vegas	24.1	24.2	24.4	141.3	141.9	142.5	13.2	12.5	12.4
Reno	13.2	13.2	13.3	42.1	41.9	42.2	3.5	3.2	3.2
New Hampshire	85.5	82.3	82.5	139.5	137.5	138.8	12.9	12.4	12.3
Manchester	11.9	11.8	11.8	23.8	23.8	24.0	3.2	3.2	3.2
Nashua	23.1	21.6	21.4	21.3	21.3	21.3	1.9	1.7	1.7
Portsmouth-Rochester	13.7	13.2	13.0	26.3	27.9	28.5	3.2	3.2	3.2
New Jersey	371.6	359.0	358.8	887.5	878.2	888.6	117.1	110.3	110.4
Atlantic-Cape May	5.7	5.5	5.5	30.4	28.0	30.2	1.9	1.8	1.8
Bergen-Passaic	76.5	74.2	73.5	162.1	159.3	160.2	21.9	20.2	20.3
Camden	49.2	47.7	47.6	121.0	120.4	119.9	8.6	8.2	8.0
Jersey City	17.4	16.9	16.9	66.5	68.2	68.3	9.1	8.7	8.5
Middlesex-Somerset-Hunterdon	77.8	75.9	75.5	148.7	147.2	148.1	27.6	27.1	27.1
Monmouth-Ocean	17.3	16.4	16.6	89.4	87.0	88.4	11.1	10.6	10.2
Newark	104.2	101.4	100.2	219.0	218.4	219.3	28.0	26.7	26.8
Trenton	9.6	8.9	9.0	32.0	32.0	32.2	7.7	6.7	6.7
Vineland-Millville-Bridgeton	10.9	10.5	10.6	12.4	12.0	12.2	1.0	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		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Maryland	152.0	150.4	152.2	366.0	365.5	369.4	330.3	339.8	340.1
Baltimore PMSA	80.5	79.8	80.4	177.9	179.4	181.1	193.5	201.2	200.3
Baltimore City	29.3	28.9	29.0	50.2	46.1	46.7	92.2	96.6	95.5
Suburban Maryland-D.C.	56.9	55.5	56.2	157.5	158.6	160.3	97.9	99.9	99.7
Massachusetts	229.9	228.5	231.0	462.6	440.5	444.1	555.3	575.4	561.9
Barnstable-Yarmouth	3.8	3.7	3.8	6.1	5.9	6.3	10.2	10.4	10.3
Boston	171.8	169.4	170.7	328.7	312.0	313.2	356.7	362.8	357.3
Brockton	3.6	3.7	3.7	10.1	9.8	9.8	13.9	14.7	14.2
Fitchburg-Leominster	1.8	1.8	1.8	3.8	3.9	3.9	7.5	7.9	8.1
Lawrence	5.9	5.8	5.9	20.1	19.0	19.1	22.9	23.3	23.4
Lowell	4.3	4.5	4.5	18.5	16.7	16.8	13.1	13.3	13.5
New Bedford	2.0	1.9	2.0	3.7	3.6	3.6	12.0	11.8	11.9
Pittsfield	2.1	2.1	2.1	4.0	3.8	3.9	7.4	7.6	7.8
Springfield	14.5	13.9	14.1	20.6	19.8	20.0	50.2	51.4	49.8
Worcester	14.0	14.3	14.5	26.8	25.4	25.7	41.0	42.2	40.7
Michigan	217.0	220.4	224.9	607.3	583.6	583.2	534.9	545.2	539.3
Ann Arbor	11.6	11.4	11.4	37.1	38.0	38.7	29.8	30.9	31.4
Benton Harbor	2.3	2.3	2.4	6.3	6.4	5.7	10.6	10.3	10.0
Detroit	116.9	114.4	116.6	372.9	372.4	372.6	248.4	251.8	251.4
Flint	6.0	5.8	5.6	20.2	18.1	19.1	23.2	23.4	23.5
Grand Rapids-Muskegon-Holland	24.5	23.5	23.9	68.7	65.3	66.2	70.3	74.8	70.8
Jackson	2.6	2.6	2.7	4.9	4.7	4.7	8.5	8.7	8.6
Kalamazoo-Battle Creek	9.2	10.0	9.8	20.5	19.3	19.2	26.4	25.6	25.6
Lansing-East Lansing	14.9	15.9	16.0	23.2	21.3	21.5	23.9	25.3	24.7
Saginaw-Bay City-Midland	7.8	7.7	7.6	23.4	22.4	22.3	26.4	27.2	26.7
Minnesota	170.9	168.1	168.7	299.1	291.1	294.1	352.4	368.6	362.4
Duluth-Superior	4.8	4.6	4.8	7.0	6.9	7.2	21.5	22.3	22.1
Minneapolis-St. Paul	134.1	135.3	135.9	246.9	240.0	240.7	198.3	209.1	204.7
Rochester	2.3	2.3	2.3	4.8	4.6	4.7	33.4	34.1	34.7
St. Cloud	4.0	4.0	3.9	6.4	6.4	6.4	13.4	14.5	13.5
Mississippi	46.1	45.8	46.6	78.7	78.3	79.0	110.9	112.1	110.5
Jackson	15.7	16.3	16.7	25.2	26.1	26.0	28.0	26.8	27.0
Missouri	160.0	159.5	157.7	305.0	296.1	296.7	347.9	353.2	353.9
Kansas City	71.5	69.7	71.4	126.0	115.8	116.2	106.3	104.4	104.9
St. Louis	76.0	74.9	74.2	184.4	181.2	183.7	189.6	189.0	188.5
Springfield	10.1	10.5	10.7	13.0	13.4	13.9	28.6	29.7	29.4
Montana	19.6	19.8	20.0	32.8	33.0	33.2	52.0	53.4	52.8
Billings	3.8	3.7	3.8	8.6	8.7	8.8	10.1	10.3	10.4
Missoula	2.4	2.4	2.4	4.9	4.9	5.1	7.6	7.7	7.7
Nebraska	61.9	63.7	64.3	93.2	89.7	89.6	110.2	112.9	108.9
Lincoln	10.8	11.1	11.2	16.6	16.9	16.9	19.5	19.6	19.6
Omaha	37.4	37.4	37.6	61.1	59.6	59.0	53.0	55.8	54.7
Nevada	56.0	56.6	57.2	112.4	115.7	114.9	72.1	75.0	75.0
Las Vegas	43.4	43.9	44.3	87.2	90.3	89.2	53.5	56.0	55.8
Reno	10.4	10.6	10.6	20.4	20.2	20.4	18.2	18.7	18.7
New Hampshire	36.7	37.1	37.5	54.4	52.5	52.8	92.4	93.6	93.2
Manchester	8.5	8.6	8.6	12.9	12.1	12.4	16.2	16.4	16.5
Nashua	6.4	6.2	6.2	7.4	7.4	7.5	11.2	11.6	11.6
Portsmouth-Rochester	7.4	7.4	7.5	12.0	10.9	10.9	17.7	18.3	18.3
New Jersey	277.4	276.8	280.5	590.7	583.6	592.7	528.8	541.1	542.5
Atlantic-Cape May	6.0	5.8	6.3	12.1	10.7	10.9	21.0	21.8	22.9
Bergen-Passaic	36.9	36.9	37.0	104.2	104.2	103.4	88.9	92.0	91.6
Camden	33.0	33.1	33.3	64.4	63.8	65.3	71.7	75.0	75.8
Jersey City	39.9	37.9	38.5	30.1	28.9	29.2	28.9	29.8	29.6
Middlesex-Somerset-Hunterdon	42.6	41.9	42.2	137.4	134.4	136.4	59.7	60.4	60.6
Monmouth-Ocean	22.9	21.6	22.2	46.7	48.0	48.5	69.8	69.9	69.7
Newark	77.3	79.3	80.1	158.6	158.3	160.5	136.0	136.8	138.6
Trenton	16.1	17.0	17.2	32.7	30.3	30.8	40.9	43.5	43.6
Vineland-Millville-Bridgeton	2.3	2.3	2.4	3.1	3.0	3.1	8.7	9.1	9.2

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	Leisure and hospitality			Other services			Government		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Maryland	231.2	221.8	234.8	116.8	118.2	119.4	463.3	474.6	463.7
Baltimore PMSA	112.0	112.1	115.2	55.8	58.1	58.8	220.6	226.4	219.9
Baltimore City	29.0	29.2	30.5	16.9	17.8	17.9	82.4	82.2	81.6
Suburban Maryland-D.C.	79.7	77.4	81.8	46.9	45.8	46.6	187.2	192.1	188.9
Massachusetts	306.8	292.1	307.6	120.0	118.9	120.5	433.8	431.8	428.3
Barnstable-Yarmouth	15.2	11.1	14.0	2.7	2.6	2.7	9.4	8.8	9.3
Boston	174.3	168.7	175.1	68.5	66.7	66.9	240.8	239.2	238.7
Brockton	10.7	11.3	11.9	4.4	4.5	4.5	17.7	17.3	17.2
Fitchburg-Leominster	4.7	5.0	5.1	1.7	1.7	1.7	8.9	8.8	8.8
Lawrence	13.5	12.3	13.2	4.7	4.8	4.8	20.5	21.1	20.7
Lowell	10.1	9.3	9.6	4.0	4.1	4.2	17.6	17.6	17.2
New Bedford	6.8	6.6	6.8	2.4	2.3	2.4	10.9	10.6	10.6
Pittsfield	6.3	5.4	6.0	2.1	2.0	2.0	5.5	5.4	5.5
Springfield	23.6	22.4	22.7	9.5	9.5	9.7	48.8	50.5	49.4
Worcester	20.0	19.6	19.8	8.5	8.3	8.4	35.0	33.7	33.7
Michigan	419.1	398.4	410.1	178.0	177.8	180.0	675.8	701.9	668.4
Ann Arbor	23.2	22.4	23.5	8.2	8.3	8.4	77.2	79.2	75.3
Benton Harbor	7.0	6.3	6.3	3.2	3.2	3.2	8.8	9.5	8.8
Detroit	185.1	181.5	185.6	80.7	77.9	80.0	242.4	243.7	241.6
Flint	15.9	15.3	15.5	6.8	6.8	6.9	24.4	26.3	25.0
Grand Rapids-Muskegon-Holland	48.9	43.9	46.4	23.9	25.8	25.5	55.5	64.2	60.3
Jackson	5.9	5.8	5.9	2.9	3.0	3.0	11.8	11.9	11.2
Kalamazoo-Battle Creek	21.7	20.5	21.2	9.1	9.2	9.3	32.9	33.1	30.3
Lansing-East Lansing	19.9	18.6	19.7	11.4	11.5	11.6	69.5	73.9	67.8
Saginaw-Bay City-Midland	17.5	16.9	17.5	8.6	8.6	8.7	23.1	25.8	23.7
Minnesota	243.5	234.8	243.7	119.3	116.5	117.8	411.7	411.9	404.8
Duluth-Superior	13.1	12.4	12.7	5.5	5.3	5.5	22.7	24.1	23.4
Minneapolis-St. Paul	156.0	154.2	160.9	74.6	72.7	73.6	239.0	240.0	235.3
Rochester	7.4	7.2	7.3	3.0	2.9	2.9	8.0	7.9	8.0
St. Cloud	8.1	8.4	8.3	4.4	4.4	4.5	12.6	13.4	12.3
Mississippi	125.9	122.6	124.7	38.0	39.4	39.6	239.2	243.8	241.1
Jackson	20.0	17.8	17.9	8.6	8.0	7.9	50.2	50.9	50.7
Missouri	277.0	264.6	274.7	119.3	122.8	122.8	435.3	438.4	424.4
Kansas City	92.6	87.5	89.7	44.3	44.2	44.6	139.3	139.0	138.8
St. Louis	138.3	129.3	133.5	57.8	57.1	56.4	163.0	165.9	158.4
Springfield	16.2	18.0	18.2	8.3	8.1	9.6	20.1	20.3	19.7
Montana	54.9	51.4	54.9	16.3	16.2	16.0	85.1	87.9	85.2
Billings	9.3	9.0	9.3	3.2	3.2	3.2	8.3	8.7	8.2
Missoula	6.6	6.6	6.7	2.3	2.3	2.3	9.1	10.6	9.3
Nebraska	80.4	76.2	77.9	33.8	33.6	33.8	162.4	163.3	161.6
Lincoln	15.1	15.0	15.1	6.1	6.4	6.3	36.2	37.6	36.3
Omaha	41.0	40.6	41.2	15.1	13.5	13.7	53.4	54.4	54.1
Nevada	300.9	300.3	302.4	30.6	30.7	31.1	129.3	137.7	134.3
Las Vegas	240.8	241.9	242.7	23.2	23.3	23.5	83.9	91.7	88.2
Reno	40.7	39.9	40.5	6.7	6.7	6.8	25.4	27.0	26.0
New Hampshire	66.3	62.2	68.5	22.2	21.7	22.2	87.7	89.3	88.9
Manchester	9.1	8.6	8.7	4.4	4.5	4.5	12.1	12.9	12.8
Nashua	8.0	7.9	8.2	3.3	3.2	3.2	9.7	9.9	9.6
Portsmouth-Rochester	15.2	13.3	14.9	4.0	4.2	4.2	22.4	24.1	24.0
New Jersey	332.4	316.9	338.5	150.0	152.7	154.7	621.6	633.3	632.3
Atlantic-Cape May	73.4	70.2	75.8	5.7	5.4	5.5	31.8	32.4	32.7
Bergen-Passaic	43.5	42.1	42.1	25.6	26.2	26.3	77.8	78.9	78.4
Camden	38.6	36.9	38.6	21.7	20.9	20.8	85.7	87.3	88.4
Jersey City	12.1	12.4	12.6	7.1	7.1	7.2	38.8	41.9	40.9
Middlesex-Somerset-Hunterdon	37.8	37.0	37.6	21.4	22.1	22.4	84.7	89.2	87.5
Monmouth-Ocean	48.7	42.0	49.5	17.2	18.1	18.0	70.1	69.0	70.1
Newark	60.3	58.4	62.1	41.2	41.6	42.9	151.4	154.3	154.2
Trenton	12.9	13.3	13.7	7.4	7.8	7.9	61.4	59.6	59.8
Vineland-Millville-Bridgeton	3.3	3.2	3.4	2.0	2.0	2.0	15.3	15.4	15.3

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		
	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P
New Mexico	768.8	780.9	781.1	13.9	13.6	13.8	46.5	46.6	48.2
Albuquerque	361.2	365.1	366.8	(1)	(1)	(1)	23.6	23.5	24.2
Las Cruces	58.1	61.4	59.1	(1)	(1)	(1)	3.4	3.5	3.5
Santa Fe	78.7	78.5	80.3	(1)	(1)	(1)	4.9	4.6	4.6
New York	8,531.5	8,437.6	8,472.6	5.4	5.1	5.5	331.6	333.5	342.5
Albany-Schenectady-Troy	464.9	461.5	463.1	.5	.6	.6	18.6	17.6	18.1
Binghamton	116.8	114.4	113.8	(1)	(1)	(1)	4.8	4.7	4.8
Buffalo-Niagara Falls	553.2	549.3	551.7	(1)	(1)	(1)	21.9	21.0	21.7
Dutchess County	119.6	120.5	120.6	(1)	(1)	(1)	5.6	5.7	5.8
Elmira	41.4	40.7	41.1	(1)	(1)	(1)	1.6	1.4	1.5
Glens Falls	54.1	51.8	55.0	(1)	(1)	(1)	2.1	2.4	2.5
Nassau-Suffolk	1,232.0	1,232.7	1,235.6	(1)	(1)	(1)	65.5	65.7	65.8
New York PMSA	4,166.7	4,093.3	4,103.4	(1)	(1)	(1)	150.6	152.6	158.7
New York City	3,605.4	3,535.6	3,539.8	.1	.1	.1	118.0	118.5	123.6
Newburgh	136.5	135.1	136.8	(1)	(1)	(1)	5.7	5.1	5.4
Rochester	540.7	530.9	530.9	.7	.7	.7	19.3	18.2	18.9
Rockland County	114.8	113.5	115.1	(1)	(1)	(1)	5.4	5.6	5.9
Syracuse	348.1	350.9	350.3	(1)	(1)	(1)	14.4	13.8	14.7
Utica-Rome	134.4	134.3	134.5	(1)	(1)	(1)	4.0	3.7	4.0
Westchester County	421.7	419.7	423.6	(1)	(1)	(1)	24.9	26.1	26.8
North Carolina	3,859.0	3,860.0	3,860.2	8.0	7.9	7.8	223.1	215.7	219.8
Asheville	111.3	111.9	111.3	(1)	(1)	(1)	7.0	6.9	7.3
Charlotte-Gastonia-Rock Hill	840.4	842.0	836.8	(1)	(1)	(1)	58.0	62.1	63.6
Greensboro-Winston-Salem-High Point	643.4	641.1	636.9	(1)	(1)	(1)	32.0	29.8	29.9
Raleigh-Durham-Chapel Hill	681.8	684.2	686.8	(1)	(1)	(1)	41.3	39.7	40.6
North Dakota	333.2	333.7	333.3	3.4	3.3	3.4	16.9	15.5	16.9
Bismarck	53.9	53.4	53.8	(1)	(1)	(1)	3.4	3.1	3.4
Fargo-Moorhead	103.6	104.3	104.0	(1)	(1)	(1)	6.2	5.8	6.3
Grand Forks	48.2	48.6	48.6	(1)	(1)	(1)	2.7	2.5	2.8
Ohio	5,498.3	5,427.5	5,428.9	12.1	12.1	12.3	247.5	233.3	241.9
Akron	328.9	331.1	331.8	(1)	(1)	(1)	15.1	14.8	15.6
Canton-Massillon	185.4	181.3	181.9	(1)	(1)	(1)	9.7	9.3	10.0
Cincinnati	882.2	881.8	881.4	(1)	(1)	(1)	42.0	41.4	41.3
Cleveland-Lorain-Elyria	1,133.6	1,119.9	1,121.4	(1)	(1)	(1)	47.3	49.1	48.6
Columbus	892.2	882.3	880.9	(1)	(1)	(1)	42.6	40.7	42.3
Dayton-Springfield	468.5	457.9	459.5	(1)	(1)	(1)	17.8	16.1	16.8
Hamilton-Middletown	131.8	135.8	133.0	(1)	(1)	(1)	8.3	8.0	8.3
Lima	77.8	76.4	77.4	(1)	(1)	(1)	3.7	3.4	3.5
Mansfield	79.1	77.7	77.8	(1)	(1)	(1)	2.9	2.7	2.8
Steubenville-Weirton	50.8	50.0	50.4	(1)	(1)	(1)	2.6	2.4	2.4
Toledo	320.5	313.0	308.9	(1)	(1)	(1)	16.3	15.2	15.7
Youngstown-Warren	236.4	234.9	233.4	(1)	(1)	(1)	11.2	11.2	11.4
Oklahoma	1,486.8	1,492.0	1,478.8	28.4	29.1	29.5	65.8	66.2	67.6
Enid	23.9	23.3	23.5	.6	.6	.6	.9	.9	.9
Lawton	39.0	38.2	37.4	.1	.1	.1	1.7	1.8	1.7
Oklahoma City	541.4	549.3	541.5	6.6	6.8	6.8	22.1	21.6	23.3
Tulsa	401.6	387.3	389.7	5.2	4.8	4.9	20.6	21.2	20.8
Oregon	1,590.2	1,565.8	1,575.5	9.5	9.2	9.7	79.8	75.0	77.9
Eugene-Springfield	144.6	142.8	143.0	1.0	1.2	1.3	6.7	5.9	6.2
Medford-Ashland	74.0	74.5	74.6	.5	.5	.6	3.7	3.5	3.7
Portland-Vancouver	945.6	924.7	924.0	1.6	1.4	1.5	52.2	49.1	50.4
Salem	138.4	139.2	139.8	1.3	1.3	1.4	6.7	6.5	6.6
Pennsylvania	5,705.3	5,674.1	5,675.9	19.6	18.2	18.5	259.8	252.7	260.3
Allentown-Bethlehem-Easton	291.5	288.5	289.9	(1)	(1)	(1)	13.9	12.5	13.0
Altoona	62.1	61.9	62.1	(1)	(1)	(1)	3.1	3.0	3.1
Erie	132.4	130.4	130.3	(1)	(1)	(1)	5.3	4.9	5.1
Harrisburg-Lebanon-Carlisle	370.3	371.7	373.5	(1)	(1)	(1)	15.9	15.3	15.7
Johnstown	87.1	86.3	85.7	(1)	(1)	(1)	4.7	4.3	4.5
Lancaster	230.7	231.6	233.5	(1)	(1)	(1)	15.7	15.3	15.6
Philadelphia PMSA	2,431.9	2,424.0	2,434.3	(1)	(1)	(1)	102.8	102.6	104.4
Philadelphia City	684.3	679.8	677.9	(1)	(1)	(1)	12.8	11.9	11.9
Pittsburgh	1,138.9	1,120.3	1,128.8	(1)	(1)	(1)	64.7	62.9	64.7
Reading	169.5	168.0	168.3	(1)	(1)	(1)	8.6	8.3	8.6
Scranton-Wilkes-Barre-Hazleton	281.6	276.2	276.0	(1)	(1)	(1)	12.2	10.9	11.4
Sharon	50.6	49.5	49.4	(1)	(1)	(1)	1.7	1.6	1.7
State College	69.6	73.8	69.5	(1)	(1)	(1)	3.3	2.9	3.0
Williamsport	53.7	53.8	53.7	(1)	(1)	(1)	2.2	2.1	2.2
York	170.3	169.3	169.9	(1)	(1)	(1)	10.8	10.5	10.8

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	Manufacturing			Trade, transportation, and utilities			Information		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
New Mexico	38.7	36.5	36.9	135.7	136.7	136.4	16.8	16.9	16.8
Albuquerque	25.0	23.9	24.3	65.0	65.7	65.3	11.1	10.8	10.9
Las Cruces	3.0	2.9	3.0	9.1	9.2	9.2	1.1	1.2	1.2
Santa Fe	1.3	1.2	1.2	10.9	10.9	11.2	1.0	1.0	1.0
New York	660.3	622.3	624.9	1,489.3	1,473.9	1,487.2	302.0	281.4	282.3
Albany-Schenectady-Troy	29.1	27.6	27.6	81.7	80.4	80.9	12.4	12.4	12.5
Binghamton	19.5	17.3	17.5	21.6	21.1	21.4	2.9	2.9	2.9
Buffalo-Niagara Falls	72.9	69.5	70.3	106.1	103.4	103.7	10.8	10.5	10.5
Dutchess County	16.9	16.6	16.7	19.8	20.7	20.8	2.2	2.1	2.1
Elmira	6.7	6.9	6.8	8.6	8.6	8.6	.6	.7	.7
Glens Falls	7.1	7.0	7.1	9.5	9.0	9.3	1.2	1.0	1.0
Nassau-Suffolk	92.3	86.0	87.5	270.0	266.5	269.3	32.9	33.7	33.5
New York PMSA	178.6	164.1	165.5	645.2	630.6	634.1	200.6	183.3	182.7
New York City	143.6	131.7	133.1	536.4	523.1	525.7	181.0	164.3	164.0
Newburgh	9.5	9.2	9.4	34.9	35.1	35.6	2.8	2.7	2.7
Rochester	91.2	84.9	85.0	91.7	89.5	90.2	14.3	13.8	13.9
Rockland County	12.1	11.3	11.4	23.1	22.5	22.6	3.4	3.4	3.5
Syracuse	42.2	39.8	39.5	73.1	71.9	73.2	7.4	7.3	7.2
Utica-Rome	15.8	14.6	14.6	22.6	23.2	23.3	3.7	3.6	3.6
Westchester County	21.5	19.7	19.6	81.6	80.8	81.6	15.6	15.3	14.9
North Carolina	644.4	614.4	612.0	726.6	719.4	722.0	79.5	79.2	79.0
Asheville	14.7	14.6	14.6	21.2	20.9	20.4	1.8	1.8	1.8
Charlotte-Gastonia-Rock Hill	116.7	110.8	110.4	175.3	170.2	170.8	24.6	24.6	24.8
Greensboro-Winston-Salem-High Point	125.7	125.3	124.1	128.4	124.8	124.8	11.9	11.4	11.5
Raleigh-Durham-Chapel Hill	73.3	69.2	69.2	113.2	108.0	108.7	23.4	24.0	23.3
North Dakota	24.1	23.3	23.6	72.3	72.1	72.2	8.0	8.1	8.1
Bismarck	2.8	2.7	2.7	11.0	11.0	11.1	1.4	1.4	1.3
Fargo-Moorhead	8.4	8.2	8.3	24.1	24.2	24.3	3.3	3.2	3.2
Grand Forks	3.3	3.3	3.4	10.6	10.8	10.8	.7	.7	.7
Ohio	892.5	862.1	863.4	1,067.2	1,049.8	1,048.2	101.7	96.7	96.8
Akron	49.5	49.7	49.4	68.8	69.0	69.1	5.5	5.2	5.2
Canton-Massillon	39.5	36.9	36.4	35.9	35.6	35.6	2.4	2.3	2.3
Cincinnati	109.4	108.1	107.6	181.2	179.7	180.2	17.8	17.4	17.4
Cleveland-Lorain-Elyria	172.9	168.8	168.2	209.1	207.1	207.7	22.9	21.3	21.5
Columbus	77.8	75.2	75.0	185.9	181.6	180.8	21.2	18.8	19.0
Dayton-Springfield	75.5	69.0	69.9	88.0	86.2	86.4	12.3	12.3	12.3
Hamilton-Middletown	19.8	21.3	21.5	30.8	30.7	30.8	.7	.7	.7
Lima	17.5	17.3	17.5	14.5	14.0	14.0	1.1	1.1	1.1
Mansfield	20.9	20.2	20.3	13.1	13.2	13.2	1.5	1.5	1.5
Steubenville-Weirton	11.7	10.9	11.0	8.6	8.4	8.5	.7	.7	.7
Toledo	54.1	51.6	52.1	63.3	62.2	61.8	4.9	4.8	4.9
Youngstown-Warren	44.1	40.9	40.7	48.5	48.6	48.6	3.4	3.3	3.4
Oklahoma	152.7	148.3	146.2	286.6	285.9	288.0	35.3	34.2	33.9
Enid	2.3	2.2	2.2	6.1	5.9	6.2	.2	.2	.2
Lawton	3.7	3.4	3.4	6.4	6.3	6.3	.5	.5	.5
Oklahoma City	41.4	41.3	39.6	98.6	97.9	97.6	14.1	13.7	13.9
Tulsa	49.7	46.0	45.7	84.9	80.2	82.1	14.3	13.9	13.4
Oregon	203.0	194.0	197.1	315.5	309.5	311.3	35.9	35.9	35.5
Eugene-Springfield	19.0	18.7	18.7	26.0	26.1	26.0	3.8	3.5	3.3
Medford-Ashland	7.2	6.9	7.0	16.9	17.1	16.9	1.7	1.7	1.7
Portland-Vancouver	124.1	117.8	118.3	192.9	185.2	186.3	25.1	23.9	23.7
Salem	13.7	13.4	13.7	22.2	22.6	22.7	1.7	1.7	1.7
Pennsylvania	770.8	729.6	736.1	1,122.4	1,096.1	1,098.2	130.0	128.8	129.5
Allentown-Bethlehem-Easton	46.1	43.7	43.9	56.9	57.5	57.9	7.6	7.5	7.6
Altoona	9.0	8.9	8.9	15.5	14.8	14.8	1.2	1.2	1.2
Erie	28.2	26.0	26.2	22.7	21.9	21.9	2.4	2.4	2.4
Harrisburg-Lebanon-Carlisle	36.6	35.6	36.1	79.3	79.6	79.9	8.5	8.6	8.6
Johnstown	10.1	9.1	9.0	17.1	17.0	16.7	1.3	1.3	1.3
Lancaster	51.5	50.1	50.7	49.0	49.8	50.3	4.1	4.2	4.2
Philadelphia PMSA	238.9	231.1	234.3	467.8	466.3	469.0	61.6	61.6	61.5
Philadelphia City	38.2	36.3	36.5	97.1	95.5	95.4	16.8	16.9	16.8
Pittsburgh	113.0	109.4	110.2	232.6	225.5	227.0	26.1	25.5	25.6
Reading	35.8	33.1	33.2	33.0	32.8	32.9	2.0	2.0	2.0
Scranton-Wilkes-Barre-Hazleton	46.0	43.3	43.7	61.6	61.5	61.4	7.2	7.1	7.2
Sharon	9.9	8.7	8.5	10.1	9.8	9.9	.6	.6	.6
State College	6.8	6.0	6.0	10.7	10.5	10.4	1.3	1.3	1.3
Williamsport	12.9	12.3	12.4	10.5	10.4	10.5	1.1	1.1	1.1
York	41.8	40.2	40.4	37.2	35.9	36.0	2.0	2.0	2.1

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	Financial activities			Professional and business services			Education and health services		
	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P
New Mexico	33.5	34.5	34.7	89.1	90.5	90.8	91.3	99.8	96.9
Albuquerque	18.8	19.2	19.3	57.3	57.7	58.4	40.9	43.5	43.6
Las Cruces	2.2	2.2	2.2	5.5	5.0	5.0	8.4	9.0	9.0
Santa Fe	3.3	3.4	3.4	8.4	8.6	8.6	8.3	9.2	9.2
New York	714.3	696.8	703.9	1,061.6	1,037.0	1,045.5	1,442.2	1,491.3	1,469.0
Albany-Schenectady-Troy	25.8	25.9	26.6	52.4	51.4	52.5	77.7	81.9	80.9
Binghamton	4.8	4.7	4.7	10.7	10.1	10.2	15.4	15.4	15.5
Buffalo-Niagara Falls	33.0	34.1	34.5	62.1	61.7	62.2	81.1	82.5	81.2
Dutchess County	4.8	4.8	5.1	8.7	9.1	9.5	24.9	26.1	24.1
Elmira	1.6	1.5	1.6	2.2	2.0	2.1	7.4	7.1	7.2
Glens Falls	2.1	2.0	2.0	2.9	3.0	2.9	7.1	7.8	7.8
Nassau-Suffolk	83.1	83.6	84.6	155.6	151.2	151.1	184.3	189.9	188.6
New York PMSA	485.4	469.0	471.5	620.7	607.4	607.6	741.4	764.0	756.8
New York City	451.2	435.7	437.7	550.8	536.7	536.4	641.4	662.2	656.1
Newburgh	5.8	5.8	6.0	10.1	10.5	10.5	18.8	18.9	18.8
Rochester	22.2	22.2	22.4	56.9	55.0	55.9	92.6	96.9	93.8
Rockland County	4.6	4.5	4.5	11.0	11.3	11.5	21.1	22.1	21.9
Syracuse	18.1	18.2	18.5	32.0	32.0	32.8	54.0	58.3	54.8
Utica-Rome	8.2	7.9	8.0	10.0	9.8	9.9	22.8	24.4	24.6
Westchester County	28.4	27.5	28.0	56.8	57.2	57.5	74.5	75.1	74.1
North Carolina	188.9	193.8	195.0	420.7	422.1	425.3	414.3	426.7	425.0
Asheville	3.3	2.9	2.7	9.4	9.8	9.4	18.9	19.6	19.5
Charlotte-Gastonia-Rock Hill	66.4	67.7	68.6	116.3	118.0	116.9	61.9	61.6	60.1
Greensboro-Winston-Salem-High Point	36.3	37.1	37.7	74.4	72.7	72.2	82.4	81.1	81.4
Raleigh-Durham-Chapel Hill	32.8	33.0	32.8	102.7	98.1	99.3	75.2	79.5	77.0
North Dakota	18.1	18.1	18.4	24.8	23.8	23.9	46.9	47.3	47.5
Bismarck	2.5	2.6	2.7	4.7	4.5	4.7	8.9	8.8	8.9
Fargo-Moorhead	8.1	8.1	8.1	9.6	9.5	9.5	14.4	14.6	14.7
Grand Forks	1.6	1.5	1.6	2.6	2.4	2.5	7.9	7.9	7.9
Ohio	310.3	308.0	311.0	620.0	610.6	611.9	704.0	717.5	708.9
Akron	14.4	14.6	14.8	40.6	39.5	39.8	40.7	41.6	41.6
Canton-Massillon	7.8	7.5	7.4	15.3	14.5	14.7	26.8	27.1	27.3
Cincinnati	56.4	58.7	59.0	131.3	127.8	127.3	107.9	111.7	111.8
Cleveland-Lorain-Elyria	81.0	79.8	80.0	137.7	133.5	135.4	164.4	168.1	165.7
Columbus	75.1	74.7	75.2	127.0	124.8	124.6	92.7	98.6	94.4
Dayton-Springfield	19.8	20.9	21.4	55.8	52.9	52.9	66.0	67.6	67.3
Hamilton-Middletown	9.3	9.1	9.3	10.8	10.0	10.0	14.3	14.4	14.2
Lima	2.3	2.3	2.3	5.6	5.7	5.8	11.6	11.6	12.0
Mansfield	2.8	2.7	2.7	5.6	5.6	5.6	9.4	9.5	9.3
Staubenville-Weirton	1.5	1.5	1.4	2.2	2.1	2.1	9.0	9.6	9.8
Toledo	12.3	12.1	12.2	34.8	31.2	31.3	44.7	45.0	44.9
Youngstown-Warren	9.0	8.6	8.9	20.8	21.3	21.2	34.6	34.9	34.5
Oklahoma	84.3	85.3	85.1	165.3	160.1	156.9	171.3	172.0	169.3
Enid	1.3	1.3	1.3	1.7	1.4	1.4	3.6	3.6	3.6
Lawton	2.1	2.2	2.2	3.6	3.5	3.4	3.1	3.0	3.0
Oklahoma City	34.1	33.5	33.5	70.5	71.0	69.0	64.9	67.5	66.2
Tulsa	25.0	25.7	26.0	52.8	48.4	48.8	49.8	49.2	48.8
Oregon	94.5	93.4	94.3	174.1	172.6	175.3	183.4	189.5	185.1
Eugene-Springfield	7.1	7.3	7.5	14.9	14.8	14.7	18.5	19.0	18.8
Medford-Ashland	3.7	3.7	3.7	6.4	6.6	6.7	10.3	11.6	11.2
Portland-Vancouver	65.0	65.7	65.5	121.3	118.8	118.3	109.7	114.2	111.3
Salem	6.7	7.0	7.0	11.2	11.2	11.5	17.3	18.3	17.5
Pennsylvania	339.7	339.3	340.7	615.3	602.8	605.5	954.7	987.6	975.6
Allentown-Bethlehem-Easton	16.0	16.0	16.0	28.0	27.0	27.3	47.1	50.2	48.5
Altoona	1.9	2.0	2.0	4.5	4.9	5.0	9.5	9.7	9.7
Erie	6.5	6.7	6.7	10.9	11.1	11.3	21.9	22.2	22.2
Harrisburg-Lebanon-Carlisle	25.9	25.8	26.0	35.0	34.8	35.3	48.4	51.0	49.2
Johnstown	4.2	4.4	4.4	6.6	6.4	6.4	15.8	16.3	15.9
Lancaster	11.4	11.6	11.8	18.9	19.0	19.2	28.5	29.4	28.6
Philadelphia PMSA	178.6	176.2	177.6	334.0	331.1	331.9	440.4	446.4	442.1
Philadelphia City	51.5	49.3	49.5	88.3	87.4	87.8	175.2	179.9	177.3
Pittsburgh	68.7	68.8	69.5	137.7	132.8	134.4	202.8	205.1	203.7
Reading	8.6	8.3	8.3	19.2	19.4	19.7	20.4	21.2	21.3
Scranton-Wilkes-Barre-Hazleton	14.5	14.1	14.2	22.2	20.7	20.7	48.0	49.5	48.3
Sharon	1.8	1.9	1.9	2.7	2.6	2.6	10.4	11.0	10.6
State College	2.4	2.5	2.5	4.8	4.7	4.8	6.9	6.8	6.8
Williamsport	2.3	2.2	2.2	3.0	2.9	2.9	7.7	8.1	8.1
York	5.5	5.5	5.5	13.1	13.4	13.6	20.1	21.1	20.8

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		
	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P
New Mexico	83.5	83.0	85.5	30.1	28.2	30.6	189.7	194.6	190.5
Albuquerque	35.7	35.7	36.4	11.8	12.3	12.4	72.0	72.8	72.0
Las Cruces	5.9	6.2	6.2	1.5	1.4	1.4	18.0	20.8	18.4
Santa Fe	10.1	9.2	10.0	3.8	3.1	4.1	26.7	27.3	27.0
New York	674.1	654.7	677.4	350.4	348.3	350.0	1,500.3	1,493.3	1,484.4
Albany-Schenectady-Troy	34.3	34.0	34.6	18.7	18.9	18.7	113.7	110.8	110.1
Binghamton	8.9	9.0	9.1	4.5	4.3	4.3	23.7	24.9	23.4
Buffalo-Niagara Falls	49.3	49.6	51.6	23.5	23.8	24.2	92.5	93.2	91.8
Dutchess County	9.3	8.2	8.6	3.9	4.0	4.6	23.5	23.2	23.3
Elmira	3.6	3.4	3.5	1.5	1.6	1.6	7.6	7.5	7.5
Glens Falls	9.2	7.0	9.5	1.8	1.7	1.7	11.1	10.9	11.2
Nassau-Suffolk	98.6	94.9	101.7	50.4	51.5	51.5	199.3	200.7	202.0
New York PMSA	303.5	299.2	303.3	173.7	170.3	170.4	667.0	652.8	652.8
New York City	259.6	257.5	259.1	151.2	147.1	147.1	572.1	558.7	556.9
Newburgh	12.6	12.3	13.0	5.9	5.4	5.5	30.4	30.1	29.9
Rochester	45.7	43.4	46.0	19.3	19.6	19.7	86.8	86.7	84.4
Rockland County	8.2	7.6	7.9	4.5	4.7	4.6	21.4	20.5	21.3
Syracuse	29.0	28.7	29.3	14.2	13.8	14.0	63.7	67.1	66.3
Utica-Rome	13.0	13.0	13.6	5.6	5.7	5.7	28.7	28.4	27.2
Westchester County	33.5	32.2	34.2	16.6	17.2	17.4	68.3	68.6	69.5
North Carolina	348.0	332.9	341.3	184.3	179.1	182.7	621.2	668.8	650.3
Asheville	13.5	12.9	14.1	6.2	6.1	6.3	15.3	16.4	15.2
Charlotte-Gastonia-Rock Hill	72.2	70.2	70.6	49.4	48.8	48.8	99.6	108.0	102.2
Greensboro-Winston-Salem-High Point	53.8	53.9	55.0	30.1	28.7	29.3	68.4	76.3	71.0
Raleigh-Durham-Chapel Hill	57.8	61.6	62.3	33.2	34.0	35.9	128.9	137.1	137.7
North Dakota	31.1	30.5	31.5	15.3	15.3	15.4	72.3	76.4	72.4
Bismarck	5.1	4.9	5.0	2.9	2.9	2.9	11.2	11.5	11.1
Fargo-Moorhead	10.8	10.7	10.9	4.2	4.2	4.3	14.5	15.8	14.4
Grand Forks	5.4	5.3	5.4	1.9	1.9	1.9	11.5	12.3	11.6
Ohio	517.3	498.8	513.9	231.9	227.3	229.8	793.8	811.3	790.8
Akron	33.8	34.4	36.2	14.6	14.6	14.6	45.9	47.7	45.5
Canton-Massillon	16.9	16.3	16.4	9.9	9.9	10.2	21.2	21.9	21.6
Cincinnati	91.8	88.2	91.2	37.3	37.1	37.0	107.1	111.7	108.6
Cleveland-Lorain-Elyria	100.1	94.7	97.1	47.5	44.8	45.7	150.7	152.7	151.5
Columbus	86.4	84.1	85.3	36.3	36.3	36.6	147.2	147.5	147.7
Dayton-Springfield	41.7	39.8	40.1	18.9	19.8	19.6	72.7	73.3	72.8
Hamilton-Middletown	12.1	12.7	12.7	5.2	5.1	5.2	20.5	23.8	20.3
Lima	6.2	5.9	6.1	4.3	4.3	4.4	11.0	10.8	10.7
Mansfield	7.2	7.0	7.2	3.8	3.7	3.7	11.9	11.6	11.5
Steubenville-Weirton	5.9	6.0	5.9	1.9	1.9	2.0	6.7	6.5	6.6
Toledo	30.5	26.3	26.6	14.9	14.5	14.7	44.7	50.1	44.7
Youngstown-Warren	22.3	22.8	22.9	10.8	10.7	10.8	31.7	32.6	31.0
Oklahoma	131.5	132.4	133.0	75.0	76.7	77.9	290.6	301.8	291.4
Enid	2.1	1.9	1.9	1.4	1.4	1.4	3.7	3.9	3.8
Lawton	3.7	3.7	3.6	2.2	2.2	2.2	11.9	11.5	11.0
Oklahoma City	53.1	56.1	55.1	27.9	27.7	28.5	108.1	112.2	108.0
Tulsa	34.5	31.8	33.8	19.9	20.4	21.2	44.9	45.7	44.2
Oregon	154.9	151.1	155.0	56.6	58.0	58.1	283.0	277.6	276.2
Eugene-Springfield	13.7	13.5	13.5	5.0	4.9	4.9	28.9	27.9	28.1
Medford-Ashland	9.1	8.7	8.9	2.7	2.7	2.7	11.8	11.5	11.5
Portland-Vancouver	86.9	83.0	84.5	34.2	34.5	34.3	132.6	131.1	129.9
Salem	12.3	12.6	13.0	5.3	5.4	5.4	40.0	39.2	39.3
Pennsylvania	497.2	484.4	500.6	263.9	265.5	269.0	731.9	769.1	741.9
Allentown-Bethlehem-Easton	27.1	26.0	27.0	14.1	13.6	13.8	34.7	34.5	34.9
Altoona	6.0	5.5	5.7	2.8	2.8	2.8	8.6	9.1	8.9
Erie	12.6	12.1	12.4	6.4	6.4	6.5	15.5	16.7	15.6
Harrisburg-Lebanon-Carlisle	32.2	31.0	32.5	17.9	17.6	17.9	70.6	72.4	72.3
Johnstown	8.3	8.2	8.3	4.3	4.3	4.4	14.7	15.0	14.8
Lancaster	21.2	20.6	21.3	10.6	10.7	10.8	19.8	20.9	21.0
Philadelphia PMSA	186.3	183.5	186.9	108.0	109.1	110.1	313.5	316.1	316.5
Philadelphia City	56.0	54.2	54.6	30.1	30.3	30.5	118.3	118.1	117.6
Pittsburgh	108.4	102.4	105.3	57.8	57.8	58.6	127.1	130.1	129.8
Reading	13.9	13.5	14.0	7.9	8.0	8.1	20.1	21.4	20.2
Scranton-Wilkes-Barre-Hazleton	23.1	22.1	22.4	11.0	11.2	11.3	35.8	35.8	35.4
Sharon	5.3	5.1	5.3	2.3	2.3	2.3	5.8	5.9	6.0
State College	6.7	6.9	6.9	2.3	2.4	2.4	24.4	29.8	25.4
Williamsport	4.2	4.3	4.3	2.5	2.4	2.5	7.3	8.0	7.5
York	14.6	14.4	14.8	7.8	8.0	8.1	17.4	18.3	17.8

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		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Rhode Island	484.5	484.7	485.1	.2	.2	.2	20.4	20.1	21.0
Providence—Fall River—Warwick	534.1	533.6	533.3	.3	.3	.3	22.3	22.5	23.4
South Carolina	1,830.2	1,808.2	1,798.7	5.1	5.1	5.2	114.4	108.1	109.6
Charleston—North Charleston	258.9	258.5	257.1	(1)	(1)	(1)	20.2	20.4	20.6
Columbia	305.5	300.1	297.1	(1)	(1)	(1)	17.6	16.3	16.3
Greenville—Spartanburg—Anderson	472.1	466.8	464.7	(1)	(1)	(1)	28.8	25.0	26.7
South Dakota	387.4	382.1	388.2	1.0	.9	.9	20.8	19.6	21.1
Rapid City	52.9	51.9	53.1	(1)	(1)	(1)	4.0	4.0	4.2
Sioux Falls	118.8	117.7	120.1	(1)	(1)	(1)	7.0	6.4	7.2
Tennessee	2,678.6	2,679.7	2,681.9	4.7	4.4	4.4	117.3	110.2	112.7
Chattanooga	229.1	230.4	228.2	.3	.3	.3	8.5	8.2	8.3
Johnson City—Kingsport—Bristol	193.4	196.9	193.7	.2	.2	.2	10.6	10.2	10.3
Knoxville	350.4	347.7	348.7	.6	.6	.6	16.4	15.3	16.3
Memphis	583.7	582.6	580.9	.1	.1	.1	24.9	23.6	24.1
Nashville	670.9	673.9	671.8	.4	.4	.4	31.1	30.4	30.8
Texas	9,465.1	9,476.6	9,472.4	146.2	142.7	144.0	580.6	578.9	586.8
Abilene	56.2	56.0	56.1	.8	.8	.8	2.8	2.8	2.8
Amarillo	98.4	98.5	97.9	.7	.6	.6	5.3	4.9	5.0
Austin—San Marcos	659.6	666.4	665.4	1.8	1.7	1.7	37.9	37.2	37.9
Beaumont—Port Arthur	158.1	158.1	158.4	.7	.7	.7	14.4	15.0	15.1
Brazoria	78.3	78.3	78.6	1.1	1.1	1.1	11.5	10.8	11.0
Brownsville—Harlingen—San Benito	115.7	117.3	117.3	(1)	(1)	(1)	4.4	4.2	4.3
Bryan—College Station	75.1	80.7	76.2	.8	.7	.7	3.8	3.7	3.7
Corpus Christi	161.2	162.7	163.5	2.4	2.6	2.7	14.4	13.8	13.8
Dallas	1,940.8	1,920.1	1,920.7	9.3	8.6	8.6	106.4	100.7	101.7
El Paso	255.7	258.4	257.3	(1)	(1)	(1)	11.9	12.0	11.9
Ft. Worth—Arlington	793.3	788.1	788.8	4.3	3.9	3.9	46.9	45.1	45.6
Galveston—Texas City	89.4	87.2	88.2	(1)	(1)	(1)	4.9	5.6	5.7
Houston	2,119.7	2,103.9	2,105.4	60.6	59.8	60.3	164.4	163.5	164.7
Killeen—Temple	105.8	105.6	105.4	(1)	(1)	(1)	5.0	4.9	4.9
Laredo	73.1	74.1	73.8	1.3	1.4	1.4	2.7	2.6	2.6
Longview—Marshall	92.3	92.5	92.8	3.8	3.4	3.4	5.0	4.7	4.8
Lubbock	120.3	124.1	122.5	(1)	(1)	(1)	5.3	4.9	5.0
McAllen—Edinburg—Mission	167.6	172.0	172.2	1.4	1.4	1.4	9.3	9.5	9.6
Odessa—Midland	105.6	105.8	105.4	10.6	11.1	11.2	6.7	6.3	6.4
San Angelo	44.6	43.7	43.5	.6	.6	.6	2.1	2.0	2.0
San Antonio	731.1	739.9	737.8	2.4	2.2	2.2	42.4	41.5	42.0
Sherman—Denison	44.4	44.1	43.9	(1)	(1)	(1)	2.9	3.0	3.0
Texarkana	54.3	53.7	54.0	(1)	(1)	(1)	2.9	2.7	2.8
Tyler	86.0	86.2	86.3	.9	.7	.7	3.9	3.7	3.7
Victoria	38.0	37.9	37.8	1.9	2.2	2.2	2.3	2.2	2.2
Waco	100.5	100.9	101.3	(1)	(1)	(1)	6.0	5.9	6.0
Wichita Falls	60.2	59.1	59.6	1.0	.9	.9	2.1	2.0	2.1
Utah	1,077.1	1,072.7	1,075.9	7.1	7.0	6.9	69.5	66.9	69.2
Provo—Orem	150.5	151.3	151.4	(1)	(1)	(1)	10.8	11.1	11.3
Salt Lake City—Ogden	711.3	706.2	708.0	(1)	(1)	(1)	45.3	43.9	45.2
Vermont	302.2	302.3	304.8	1.1	1.2	1.2	15.8	15.0	15.8
Barre—Montpelier	35.0	35.1	35.6	(1)	(1)	(1)	1.7	1.6	1.6
Burlington	108.7	108.7	108.3	(1)	(1)	(1)	5.1	5.0	5.2
Virginia	3,538.5	3,516.2	3,543.6	10.8	10.3	10.5	219.0	212.1	214.1
Bristol	40.8	41.2	41.4	(1)	(1)	(1)	1.5	1.5	1.5
Charlottesville	88.7	88.4	89.1	(1)	(1)	(1)	5.9	5.6	5.7
Danville	45.4	45.1	44.9	(1)	(1)	(1)	2.6	2.5	2.5
Lynchburg	100.3	99.5	98.2	(1)	(1)	(1)	6.8	6.8	6.8
Norfolk—Virginia Beach—Newport News	733.6	725.0	733.1	(1)	(1)	(1)	45.2	43.9	44.2
Northern Virginia	1,200.4	1,188.9	1,197.3	(1)	(1)	(1)	81.5	76.1	77.1
Richmond—Petersburg	575.0	570.7	573.2	(1)	(1)	(1)	38.3	36.9	36.9
Roanoke	146.9	144.2	144.3	(1)	(1)	(1)	8.7	8.2	8.3
Washington	2,682.0	2,673.2	2,684.3	9.5	9.2	9.7	157.3	156.0	159.3
Seattle—Bellevue—Everett	1,366.2	1,350.6	1,356.5	1.6	1.9	2.0	78.5	76.9	77.7
Spokane	197.6	195.6	196.0	(1)	(1)	(1)	11.1	11.1	11.7
Tacoma	245.1	246.0	247.6	.6	.6	.6	16.7	15.8	16.4

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	Manufacturing			Trade, transportation, and utilities			Information		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Rhode Island	63.1	60.7	60.4	81.1	81.9	82.4	11.3	11.3	11.2
Providence—Fall River—Warwick	79.0	76.0	75.6	96.2	95.8	96.5	11.3	11.1	11.0
South Carolina	292.3	279.9	277.5	350.8	345.9	347.7	28.0	27.4	27.8
Charleston—North Charleston	20.9	18.7	18.7	54.9	54.0	53.9	3.6	3.5	3.5
Columbia	24.6	23.6	23.0	57.0	54.6	54.7	6.0	6.3	6.3
Greenville—Spartanburg—Anderson	101.0	97.9	96.8	103.2	102.1	103.8	8.3	8.5	8.6
South Dakota	38.8	37.5	38.1	77.9	77.1	77.2	6.8	6.7	6.7
Rapid City	3.7	3.6	3.4	11.3	10.9	11.0	1.0	1.0	1.0
Sioux Falls	12.2	11.6	12.0	25.6	25.9	26.0	2.7	2.5	2.5
Tennessee	430.8	415.9	415.7	573.9	569.6	570.1	53.6	52.1	52.3
Chattanooga	37.8	35.7	35.7	53.8	54.4	54.2	2.6	2.6	2.7
Johnson City—Kingsport—Bristol	40.4	39.7	39.6	36.4	37.1	37.0	3.6	3.8	3.8
Knoxville	42.7	41.8	42.0	73.0	73.5	73.7	6.0	5.8	5.8
Memphis	51.9	50.9	50.9	165.3	163.5	163.2	9.6	9.4	9.3
Nashville	80.3	76.9	76.9	132.2	127.5	128.5	21.6	21.5	21.5
Texas	956.5	920.0	918.9	1,965.4	1,935.7	1,942.2	250.8	235.7	235.9
Abilene	3.0	2.8	2.8	11.3	11.2	11.2	1.1	1.1	1.1
Amarillo	8.7	8.3	8.3	22.1	22.3	22.1	2.4	2.4	2.4
Austin—San Marcos	64.2	60.4	60.1	113.5	111.9	112.4	22.8	21.0	20.9
Beaumont—Port Arthur	21.0	19.9	20.1	29.9	30.5	30.9	2.7	2.7	2.7
Brazoria	13.4	12.6	12.8	14.0	13.9	13.9	.5	.5	.5
Brownsville—Harlingen—San Benito	10.3	10.0	10.0	22.7	22.8	23.1	1.5	1.4	1.4
Bryan—College Station	5.0	5.2	5.2	10.4	10.5	10.5	1.3	1.2	1.2
Corpus Christi	11.8	11.3	11.4	28.5	29.2	29.3	2.9	2.8	2.8
Dallas	213.7	205.9	205.4	422.1	414.5	415.5	89.8	83.2	82.8
El Paso	30.1	27.3	27.4	54.6	54.4	54.7	4.9	5.0	4.9
Ft. Worth—Arlington	99.5	97.4	97.6	197.3	189.2	189.3	19.1	18.1	18.1
Galveston—Texas City	7.2	7.1	7.2	14.6	14.1	14.2	.8	.8	.8
Houston	200.7	192.1	193.1	454.6	436.8	438.8	40.0	37.2	37.0
Killeen—Temple	8.4	8.0	8.1	20.2	20.4	20.3	1.3	1.2	1.2
Laredo	1.3	1.1	1.1	24.1	24.4	24.4	.7	.7	.7
Longview—Marshall	14.6	14.3	14.4	19.1	19.4	19.5	1.7	1.7	1.7
Lubbock	5.9	5.7	5.7	24.1	24.3	24.5	5.9	5.7	5.7
McAllen—Edinburg—Mission	9.8	9.2	9.2	34.7	35.6	35.9	1.7	1.6	1.6
Odessa—Midland	6.0	5.9	5.9	21.9	22.0	21.9	2.7	2.6	2.6
San Angelo	4.1	3.9	3.9	7.6	7.6	7.5	2.4	2.0	2.0
San Antonio	47.9	45.7	45.5	131.4	132.2	132.1	24.7	23.3	23.2
Sherman—Denison	7.4	7.1	7.1	8.1	8.0	8.1	.5	.5	.5
Texarkana	5.4	5.4	5.4	12.3	12.3	12.3	.5	.5	.5
Tyler	10.6	10.7	10.7	18.7	18.1	18.3	1.8	1.8	1.8
Victoria	2.9	2.8	2.8	8.2	8.1	8.1	.7	.7	.7
Waco	14.0	14.1	14.2	18.0	18.1	18.2	1.8	1.7	1.7
Wichita Falls	7.7	7.4	7.4	10.8	10.4	10.7	1.6	1.6	1.6
Utah	114.1	111.3	111.6	215.9	214.8	215.0	31.1	31.6	31.6
Provo—Orem	17.1	16.5	16.4	24.8	24.6	24.6	6.6	6.7	6.7
Salt Lake City—Ogden	72.5	71.7	71.8	149.8	148.4	148.8	21.4	21.1	20.8
Vermont	41.6	38.6	38.8	59.2	59.9	60.2	6.7	6.8	6.9
Barre—Montpelier	3.3	3.1	3.1	6.0	6.1	6.3	.7	.7	.7
Burlington	17.5	15.3	15.5	21.3	21.0	21.2	3.2	3.2	3.2
Virginia	321.6	309.0	310.3	636.4	629.3	633.8	107.3	100.9	100.5
Bristol	8.4	8.3	8.3	8.8	8.9	8.9	.5	.5	.5
Charlottesville	5.7	5.0	5.1	12.8	12.2	12.5	2.6	2.4	2.4
Danville	12.2	11.1	10.8	7.5	7.5	7.5	.4	.4	.4
Lynchburg	19.4	18.4	18.2	19.0	19.1	18.8	1.0	.9	.9
Norfolk—Virginia Beach—Newport News	59.8	60.7	60.8	135.3	130.7	132.3	16.5	15.3	15.7
Northern Virginia	31.4	29.1	28.5	200.3	197.3	198.9	63.7	55.5	54.9
Richmond—Petersburg	48.1	46.1	46.1	108.4	107.4	107.8	12.3	11.3	10.8
Roanoke	16.3	15.9	16.0	34.0	32.9	33.0	2.9	3.1	3.1
Washington	288.5	266.2	267.1	511.4	505.5	509.2	93.7	92.5	93.6
Seattle—Bellevue—Everett	166.8	151.5	151.0	264.8	260.2	262.1	73.3	73.5	74.5
Spokane	17.9	16.3	16.5	41.0	40.9	41.0	2.9	2.7	2.7
Tacoma	20.1	18.8	18.7	46.8	47.0	47.2	3.0	2.9	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		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Rhode Island	32.8	32.5	33.1	50.1	48.1	48.8	84.1	90.9	86.5
Providence–Fall River–Warwick	34.2	34.1	34.6	53.8	52.3	53.3	92.9	98.6	94.7
South Carolina	91.4	90.4	90.3	186.1	178.1	177.9	171.4	177.3	174.5
Charleston–North Charleston	10.7	9.5	9.4	33.8	36.0	36.3	25.5	25.8	25.7
Columbia	24.7	24.6	24.0	35.7	33.7	33.3	31.4	30.8	29.6
Greenville–Spartanburg–Anderson	18.6	19.4	19.3	55.4	54.4	52.7	37.5	40.0	39.2
South Dakota	28.1	27.6	27.8	25.2	24.0	24.5	53.6	55.3	54.9
Rapid City	3.2	3.1	3.1	3.9	4.0	4.0	7.9	8.1	8.1
Sioux Falls	14.8	14.4	14.7	8.9	8.6	8.8	20.0	20.9	20.8
Tennessee	140.4	139.4	140.5	310.3	312.7	314.7	295.6	308.0	307.2
Chattanooga	18.2	18.4	18.3	23.9	24.4	24.4	21.4	21.7	21.4
Johnson City–Kingsport–Bristol	8.2	8.0	8.0	15.5	15.8	15.8	25.1	25.6	25.4
Knoxville	16.7	16.3	16.7	40.6	40.6	40.9	36.1	36.0	36.0
Memphis	32.1	31.6	31.6	75.3	74.1	74.2	65.6	68.1	68.2
Nashville	44.0	42.8	43.0	90.6	94.2	94.5	87.9	91.7	91.6
Texas	583.8	585.0	589.5	1,062.1	1,052.2	1,058.7	1,081.1	1,121.8	1,123.3
Abilene	2.8	2.8	2.8	3.9	3.9	3.9	12.0	12.3	12.2
Amarillo	5.7	5.8	5.8	6.3	6.5	6.5	14.1	13.8	13.8
Austin–San Marcos	37.6	37.9	38.1	88.3	87.1	87.9	64.0	67.9	68.1
Beaumont–Port Arthur	6.1	6.1	6.1	13.6	12.9	12.9	22.4	23.2	23.1
Brazoria	2.7	2.7	2.8	5.0	4.9	5.0	6.3	6.5	6.5
Brownsville–Harlingen–San Benito	4.4	4.4	4.4	7.3	7.3	7.2	23.4	24.4	24.4
Bryan–College Station	3.0	3.3	3.3	4.5	4.7	4.7	8.0	8.4	8.3
Corpus Christi	7.4	7.2	7.2	14.9	15.0	15.4	23.7	24.7	24.9
Dallas	168.4	167.4	168.0	276.1	272.4	274.1	182.4	186.2	186.4
El Paso	12.1	12.1	12.1	26.3	26.4	26.3	27.8	28.5	28.7
Ft. Worth–Arlington	46.8	47.3	47.5	81.4	79.3	79.3	82.2	84.8	84.9
Galveston–Texas City	6.0	5.8	5.8	4.3	4.2	4.3	8.6	8.6	8.6
Houston	124.3	122.6	123.2	304.6	299.6	301.3	227.1	235.4	235.7
Killeen–Temple	4.9	4.9	4.9	8.1	7.8	7.8	14.8	14.9	14.8
Laredo	3.1	3.1	3.1	4.3	4.3	4.4	9.6	10.1	10.0
Longview–Marshall	4.2	4.3	4.4	6.6	6.6	6.6	13.9	14.3	14.4
Lubbock	6.8	6.6	6.7	9.5	9.8	9.9	17.9	18.6	18.4
McAllen–Edinburg–Mission	6.7	6.5	6.5	10.4	10.2	10.1	29.6	32.1	32.4
Odessa–Midland	5.2	5.1	5.2	8.6	8.9	8.9	10.3	10.5	10.4
San Angelo	1.9	1.9	1.9	3.6	3.0	3.0	7.2	7.3	7.3
San Antonio	58.4	58.9	59.0	85.2	87.3	87.7	93.0	97.2	96.2
Sherman–Denison	3.0	2.8	2.8	2.5	2.3	2.4	8.4	8.8	8.6
Texarkana	2.2	2.3	2.3	3.4	3.2	3.3	9.3	9.2	9.3
Tyler	4.7	4.7	4.8	6.3	6.6	6.6	15.8	16.1	16.1
Victoria	1.8	1.8	1.8	2.9	2.7	2.7	5.3	5.6	5.5
Waco	6.2	6.4	6.4	8.6	8.5	8.6	15.6	15.6	15.7
Wichita Falls	2.4	2.3	2.4	3.4	3.2	3.2	8.8	9.0	9.0
Utah	63.4	64.3	64.2	132.5	131.4	130.3	110.5	114.0	114.3
Provo–Orem	5.3	5.7	5.7	18.2	18.2	18.2	28.9	29.7	29.7
Salt Lake City–Ogden	51.0	51.1	51.0	96.2	94.9	94.2	64.4	66.0	66.1
Vermont	13.3	13.2	13.4	20.6	21.0	21.3	49.5	51.9	51.1
Barre–Montpelier	2.8	2.9	2.9	2.0	2.1	2.1	5.3	5.5	5.5
Burlington	5.4	5.5	5.6	9.5	10.3	10.5	16.9	17.2	17.1
Virginia	184.0	183.2	185.1	552.2	550.6	553.7	362.8	371.9	372.1
Bristol	1.2	1.1	1.2	3.3	3.5	3.5	4.4	4.6	4.6
Charlottesville	3.7	3.5	3.6	8.8	9.3	9.1	9.7	10.3	10.4
Danville	1.4	1.4	1.4	2.3	2.4	2.5	6.8	7.3	7.2
Lynchburg	4.3	3.8	3.8	8.9	8.9	9.0	15.2	16.2	15.4
Norfolk–Virginia Beach–Newport News	37.2	35.4	36.7	101.8	102.5	103.6	76.0	77.7	77.5
Northern Virginia	64.6	68.0	68.2	286.0	286.7	288.0	106.2	109.0	109.2
Richmond–Petersburg	46.6	45.2	45.7	87.8	87.3	88.5	55.5	57.6	57.9
Roanoke	9.1	8.8	8.8	18.8	18.9	18.8	20.2	20.5	20.6
Washington	145.9	148.7	149.6	291.2	292.5	293.9	306.7	316.6	314.1
Seattle–Bellevue–Everett	88.6	90.2	90.3	180.6	179.7	180.9	135.9	138.1	137.9
Spokane	11.9	12.2	12.3	19.3	19.2	19.3	31.1	32.0	31.3
Tacoma	12.8	13.0	13.1	19.7	20.5	20.8	36.8	37.7	37.4

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	Leisure and hospitality			Other services			Government		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Rhode Island	52.7	48.9	51.8	22.0	23.2	23.9	66.7	66.9	65.8
Providence—Fall River—Warwick	51.3	49.4	51.4	23.4	23.5	24.0	69.4	70.0	68.5
South Carolina	200.9	189.3	195.2	65.5	66.4	66.5	324.3	340.3	326.5
Charleston—North Charleston	32.0	30.4	31.1	7.6	7.6	7.7	49.7	52.6	50.2
Columbia	26.9	26.4	27.1	9.4	9.6	9.7	72.2	74.2	73.1
Greenville—Spartanburg—Anderson	44.5	42.7	43.3	12.2	12.0	12.0	62.6	64.8	62.3
South Dakota	43.1	40.6	43.9	16.1	16.3	16.4	76.0	76.6	76.7
Rapid City	8.3	7.5	8.7	2.6	2.5	2.6	7.0	7.2	7.0
Sioux Falls	11.6	11.6	11.9	5.0	5.1	5.1	11.0	10.7	11.1
Tennessee	249.1	246.7	252.4	102.3	101.4	104.4	400.6	419.3	407.5
Chattanooga	19.0	18.9	18.9	10.8	10.7	10.9	32.8	35.1	33.1
Johnson City—Kingsport—Bristol	18.3	17.6	18.2	7.5	7.5	7.5	27.6	31.4	27.9
Knoxville	47.0	45.2	45.7	14.7	14.6	14.7	56.6	58.0	56.3
Memphis	53.8	52.9	54.1	23.3	22.7	23.0	81.8	85.7	82.2
Nashville	70.4	69.8	71.2	29.3	29.7	29.8	83.1	89.0	83.6
Texas	877.2	868.0	880.7	361.4	360.5	364.4	1,600.0	1,676.1	1,628.0
Abilene	6.0	6.0	6.1	2.9	2.7	2.8	9.6	9.6	9.6
Amarillo	11.0	10.9	11.0	4.9	4.6	4.7	17.2	18.4	17.7
Austin—San Marcos	63.5	65.2	66.0	24.1	25.5	25.6	141.9	150.6	146.7
Beaumont—Port Arthur	13.3	13.2	13.4	6.3	5.9	6.1	27.7	28.0	27.3
Brazoria	5.5	5.7	5.8	3.6	3.3	3.5	14.7	16.3	15.7
Brownsville—Harlingen—San Benito	12.2	12.6	12.9	3.6	3.5	3.6	25.9	26.7	26.0
Bryan—College Station	7.5	7.5	7.3	2.5	2.5	2.5	28.3	33.0	28.8
Corpus Christi	17.6	18.2	18.5	6.9	6.4	6.6	30.7	31.5	30.9
Dallas	174.3	169.3	170.6	73.6	71.7	72.4	224.7	240.2	235.2
El Paso	24.0	25.0	25.2	8.1	8.0	8.1	55.9	59.7	58.0
Ft. Worth—Arlington	79.6	79.9	81.3	32.7	33.0	33.5	103.5	110.1	107.8
Galveston—Texas City	13.3	11.8	12.5	3.6	3.5	3.6	26.1	25.7	25.5
Houston	180.0	179.9	183.4	86.4	87.3	87.3	277.0	289.7	280.6
Killeen—Temple	9.7	9.8	9.8	4.2	3.9	4.0	29.2	29.8	29.6
Laredo	6.9	6.9	7.1	1.8	1.7	1.7	17.3	17.8	17.3
Longview—Marshall	7.9	8.0	8.1	3.2	3.2	3.2	12.3	12.6	12.3
Lubbock	14.3	14.9	14.8	5.0	4.9	5.0	25.6	28.7	26.8
McAllen—Edinburg—Mission	15.9	16.0	16.2	4.6	4.4	4.4	43.5	45.5	44.9
Odessa—Midland	10.9	10.4	10.5	4.7	4.5	4.6	18.0	18.5	17.8
San Angelo	4.6	4.6	4.7	1.8	1.7	1.7	8.7	9.1	8.9
San Antonio	85.0	85.3	87.0	28.3	28.1	28.5	132.4	138.2	134.4
Sherman—Denison	4.1	3.9	4.0	1.6	1.4	1.5	5.9	6.3	5.9
Texarkana	4.9	4.8	4.9	2.2	2.0	2.1	11.2	11.3	11.1
Tyler	7.6	8.0	7.8	3.8	3.5	3.7	11.9	12.3	12.1
Victoria	3.5	3.3	3.4	1.7	1.5	1.6	6.8	7.0	6.8
Waco	8.8	9.1	9.0	4.6	4.4	4.4	16.9	17.1	17.1
Wichita Falls	5.9	5.7	5.8	3.3	3.1	3.2	13.2	13.5	13.3
Utah	102.1	99.2	100.4	33.1	32.8	33.0	197.8	199.4	199.6
Provo—Orem	12.2	11.6	11.8	4.1	4.1	4.3	22.5	23.1	22.7
Salt Lake City—Ogden	61.0	59.8	60.1	23.3	22.5	22.9	126.4	126.8	127.1
Vermont	33.0	30.4	33.8	10.4	10.1	10.6	51.0	54.2	51.7
Barre—Montpelier	3.0	2.9	3.1	1.4	1.4	1.5	8.8	8.8	8.8
Burlington	9.8	9.1	9.5	3.8	3.6	3.7	16.2	18.5	16.8
Virginia	324.3	323.9	335.0	180.2	179.9	181.4	639.9	645.1	647.1
Bristol	4.4	4.6	4.7	2.0	2.0	2.0	6.3	6.2	6.2
Charlottesville	9.0	9.1	9.2	4.2	4.2	4.3	26.3	26.8	26.8
Danville	3.5	3.5	3.6	2.1	2.0	2.0	6.6	7.0	7.0
Lynchburg	7.4	6.7	7.0	5.0	5.1	5.0	13.3	13.6	13.3
Norfolk—Virginia Beach—Newport News	82.6	80.4	83.7	29.0	29.4	29.6	150.2	149.0	149.0
Northern Virginia	107.9	106.6	109.0	61.4	59.1	59.5	197.4	201.5	204.0
Richmond—Petersburg	46.1	45.4	46.8	24.6	24.4	24.1	107.3	109.1	108.6
Roanoke	12.1	11.0	10.9	6.8	6.8	6.8	18.0	18.1	18.0
Washington	253.7	249.3	255.2	99.2	99.2	99.9	524.9	537.5	532.7
Seattle—Bellevue—Everett	123.4	120.3	123.9	49.7	49.5	50.0	203.0	208.8	206.2
Spokane	18.9	18.1	18.3	8.9	8.6	8.6	34.6	34.5	34.3
Tacoma	23.9	24.9	25.3	11.2	11.4	11.5	53.5	53.4	53.7

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		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
West Virginia	736.9	735.6	734.0	22.9	23.4	23.2	34.9	33.7	35.2
Charleston	135.2	134.9	135.9	(1)	(1)	(1)	9.1	9.4	9.7
Huntington-Ashland	121.8	123.0	123.4	(1)	(1)	(1)	6.2	7.2	7.1
Parkersburg-Marietta	70.9	70.0	70.6	(1)	(1)	(1)	6.0	4.5	4.6
Wheeling	67.4	66.1	66.2	(1)	(1)	(1)	4.2	3.9	3.9
Wisconsin	2,823.4	2,798.1	2,828.9	4.3	4.4	4.6	133.3	118.8	124.8
Appleton-Oshkosh-Neenah	208.2	209.6	212.8	(1)	(1)	(1)	13.4	13.6	14.0
Eau Claire	76.7	77.9	76.9	(1)	(1)	(1)	3.5	3.0	3.1
Green Bay	148.1	149.3	150.3	(1)	(1)	(1)	8.6	8.2	8.5
Janesville-Beloit	68.3	68.1	68.9	(1)	(1)	(1)	3.2	3.0	3.1
Kenosha	53.8	54.4	54.0	(1)	(1)	(1)	2.4	2.3	2.4
La Crosse	73.6	74.5	74.4	(1)	(1)	(1)	3.2	2.9	3.1
Madison	295.3	302.0	304.9	(1)	(1)	(1)	15.5	15.0	15.9
Milwaukee-Waukesha	850.1	834.5	841.5	.5	.5	.5	35.0	33.2	33.7
Racine	80.8	80.7	81.5	(1)	(1)	(1)	4.2	4.0	4.2
Sheboygan	63.3	62.8	64.5	(1)	(1)	(1)	2.7	2.6	2.7
Wausau	70.6	70.8	71.4	(1)	(1)	(1)	3.1	2.9	3.0
Wyoming	258.1	250.9	259.8	18.2	17.8	18.1	21.4	20.5	21.3
Casper	34.5	34.2	34.8	2.0	2.0	2.0	2.4	2.2	2.5
Puerto Rico	985.6	989.5	992.2	1.2	1.2	1.3	65.8	65.1	64.9
Caguas	64.6	66.8	67.5	(1)	(1)	(1)	3.4	3.0	3.0
Mayaguez	63.5	63.7	63.3	(1)	(1)	(1)	4.6	4.6	4.7
Ponce	71.2	70.5	71.1	(1)	(1)	(1)	6.3	6.1	5.6
San Juan-Bayamon	638.2	643.7	643.5	.6	.6	.7	45.9	45.1	44.9
Virgin Islands	42.9	42.3	42.2	(1)	(1)	(1)	2.7	1.9	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	Manufacturing			Trade, transportation, and utilities			Information		
	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P
West Virginia	69.2	65.9	66.3	137.7	135.8	135.9	13.3	12.9	12.9
Charleston	8.5	8.0	8.1	26.6	26.4	26.4	3.5	3.4	3.4
Huntington—Ashland	11.4	11.0	11.0	26.5	25.9	26.0	1.6	1.5	1.5
Parkersburg—Marietta	10.3	10.3	10.3	13.7	14.0	14.2	1.0	.9	.9
Wheeling	5.3	5.1	5.1	12.5	12.3	12.4	1.2	1.1	1.1
Wisconsin	533.8	516.3	519.3	538.7	538.5	547.1	51.0	50.4	50.5
Appleton—Oshkosh—Neenah	53.2	52.1	53.0	37.4	37.1	37.5	3.8	3.8	3.9
Eau Claire	11.5	10.9	10.8	15.5	15.7	15.5	1.3	1.3	1.3
Green Bay	27.5	27.2	27.5	32.0	31.8	32.4	2.3	2.3	2.3
Janesville—Beloit	15.6	15.4	15.8	15.0	15.5	15.6	1.2	1.1	1.1
Kenosha	10.9	10.5	10.4	10.3	11.2	11.1	.4	.4	.4
La Crosse	9.6	9.6	9.6	15.1	15.7	15.7	1.5	1.5	1.5
Madison	27.6	28.8	28.7	48.6	48.4	49.9	6.3	6.4	6.4
Milwaukee—Waukesha	144.5	139.5	139.1	155.2	150.8	152.6	19.4	19.5	19.4
Racine	20.0	20.1	20.2	14.4	14.6	14.6	.8	.8	.8
Sheboygan	24.2	24.5	25.2	8.7	8.7	8.9	.6	.6	.6
Wausau	18.3	18.4	18.9	17.3	17.2	17.2	1.1	1.1	1.1
Wyoming	9.5	8.9	9.2	49.6	48.6	49.8	4.1	4.3	4.3
Casper	1.5	1.5	1.5	8.1	7.8	8.0	.6	.6	.6
Puerto Rico	118.6	118.7	117.7	174.5	172.2	172.5	21.0	20.9	21.3
Caguas	15.0	15.3	15.1	14.1	14.1	14.4	.5	.6	.6
Mayaguez	11.7	10.9	10.7	9.0	8.7	8.9	.6	.7	.7
Ponce	6.7	6.8	6.7	11.1	11.0	11.1	.6	.6	.6
San Juan—Bayamon	57.9	57.1	56.9	117.9	117.7	117.7	18.4	18.4	18.7
Virgin Islands	2.1	2.0	2.0	8.3	8.5	8.4	.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		
	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P
West Virginia	31.2	31.6	31.8	57.4	59.3	60.2	105.9	107.9	106.8
Charleston	7.9	7.8	7.8	14.4	14.1	14.4	18.4	18.6	18.9
Huntington-Ashland	5.9	5.7	5.8	10.6	10.7	10.9	19.6	20.8	21.1
Parkersburg-Marietta	3.3	3.4	3.4	4.6	4.9	5.0	10.6	10.8	10.7
Wheeling	2.9	2.8	2.9	4.7	4.8	4.9	13.6	13.7	13.7
Wisconsin	154.8	156.3	158.7	244.2	241.9	248.1	359.0	363.2	361.2
Appleton-Oshkosh-Neenah	11.0	11.5	11.4	18.5	18.9	19.4	21.3	21.1	21.8
Eau Claire	3.7	3.8	3.8	6.6	6.6	6.7	12.0	12.4	12.4
Green Bay	10.5	10.4	10.5	13.0	14.1	14.2	17.9	17.5	17.3
Janesville-Beloit	2.0	1.9	2.0	4.8	4.7	4.9	8.4	8.6	8.5
Kenosha	1.6	1.6	1.6	3.2	3.2	3.2	7.2	7.4	7.1
La Crosse	3.7	3.7	3.8	6.2	6.1	6.1	12.7	13.1	12.9
Madison	24.8	25.4	26.1	32.5	34.3	34.4	28.3	28.7	29.0
Milwaukee-Waukesha	57.8	59.6	60.8	105.6	100.8	102.5	126.4	128.7	128.0
Racine	2.6	2.6	2.6	6.3	6.7	6.7	10.2	10.1	10.2
Sheboygan	2.3	2.2	2.3	3.9	3.8	3.9	6.5	6.5	6.5
Wausau	4.5	4.3	4.2	3.7	3.6	3.7	6.6	6.6	6.6
Wyoming	10.3	10.2	10.6	16.2	15.9	16.2	20.0	19.9	20.1
Casper	2.0	2.0	2.0	3.1	3.1	3.2	4.2	4.3	4.4
Puerto Rico	44.3	44.5	44.4	95.1	98.3	98.0	82.1	89.6	86.9
Caguas	2.0	2.0	2.0	3.9	5.1	5.1	6.4	7.3	7.2
Mayaguez	2.2	2.3	2.3	5.4	6.1	6.0	6.1	6.6	6.0
Ponce	2.3	2.4	2.4	5.7	5.9	5.9	8.7	9.7	9.2
San Juan-Bayamon	32.7	32.6	32.6	73.5	74.5	74.3	48.5	52.5	51.4
Virgin Islands	2.1	2.1	2.1	3.3	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		
	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P
West Virginia	66.6	65.5	66.6	55.6	55.9	55.6	142.2	143.7	139.5
Charleston	11.4	11.5	11.5	10.5	10.5	10.6	24.9	25.2	25.1
Huntington—Ashland	11.1	11.6	11.6	8.0	8.1	8.1	20.9	20.5	20.3
Parkersburg—Marietta	6.6	6.5	6.6	5.0	4.9	5.0	9.8	9.8	9.9
Wheeling	6.9	6.7	6.8	5.5	5.7	5.7	10.6	10.0	9.7
Wisconsin	256.9	245.8	256.4	134.1	138.6	139.9	413.3	423.9	418.3
Appleton—Oshkosh—Neenah	16.1	16.6	17.1	10.0	10.0	10.3	23.5	24.9	24.4
Eau Claire	7.6	7.6	7.7	3.7	3.7	3.8	11.3	12.9	11.8
Green Bay	12.0	13.7	13.5	6.3	6.5	6.5	18.0	17.6	17.6
Janesville—Beloit	6.3	6.0	6.1	2.8	2.8	2.9	9.0	9.1	8.9
Kenosha	6.3	6.0	6.2	2.7	2.7	2.8	8.8	9.1	8.8
La Crosse	7.5	7.3	7.5	3.6	3.6	3.7	10.5	11.0	10.5
Madison	24.6	24.5	25.0	14.8	15.2	15.4	72.3	75.3	74.1
Milwaukee—Waukesha	67.6	64.9	65.8	41.8	41.9	42.6	96.3	95.1	96.5
Racine	6.7	6.3	6.5	4.8	4.8	4.9	10.8	10.7	10.8
Sheboygan	4.4	4.1	4.2	3.1	3.2	3.4	6.9	6.6	6.8
Wausau	5.1	5.2	5.3	3.3	3.3	3.4	7.6	8.2	8.0
Wyoming	35.0	30.1	35.3	9.7	9.8	9.9	64.1	64.9	65.0
Casper	3.2	3.2	3.3	1.7	1.7	1.7	5.7	5.8	5.6
Puerto Rico	64.2	64.1	64.8	16.4	15.6	15.6	302.4	299.3	304.8
Caguas	2.9	3.0	3.0	.7	.6	.6	15.7	15.8	16.5
Mayaguez	3.7	3.7	3.7	.8	.8	.8	19.4	19.3	19.5
Ponce	3.5	3.6	3.6	.8	1.1	1.1	25.5	23.3	24.9
San Juan—Bayamon	46.9	46.3	46.9	12.8	12.7	12.5	183.1	186.2	186.9
Virgin Islands	6.9	7.0	6.9	2.2	2.1	2.2	12.4	12.5	12.4

¹ Natural resources and mining is combined with construction.

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

^P = 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.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Total private		34.4	33.9	33.7	34.1	33.7	--	--	--	--	--
Goods-producing		40.4	39.7	39.8	40.1	39.4	--	--	--	--	--
Natural resources and mining		44.0	43.0	43.9	44.2	43.0	--	--	--	--	--
Logging.....	1133	39.8	39.3	36.9	38.9	--	--	--	--	--	--
Mining.....	21	44.6	43.7	45.0	45.1	--	--	--	--	--	--
Oil and gas extraction.....	211	39.5	38.6	41.2	41.7	--	--	--	--	--	--
Mining, except oil and gas.....	212	45.5	44.6	45.5	45.7	--	--	--	--	--	--
Coal mining.....	2121	44.9	43.0	46.4	46.4	--	--	--	--	--	--
Bituminous coal and lignite surface mining.....	212111	46.8	45.3	45.9	47.0	--	--	--	--	--	--
Bituminous coal underground mining and anthracite mining.....	212112,3	43.5	41.1	46.8	46.0	--	--	--	--	--	--
Metal ore mining.....	2122	42.7	43.3	43.2	42.8	--	--	--	--	--	--
Nonmetallic mineral mining and quarrying.....	2123	46.6	46.2	45.4	45.9	--	--	--	--	--	--
Stone mining and quarrying.....	21231	49.1	48.4	45.6	45.6	--	--	--	--	--	--
Crushed and broken limestone mining.....	212312	48.1	48.2	44.8	44.7	--	--	--	--	--	--
Other stone mining and quarrying.....	212311,3,9	50.4	48.6	46.9	46.9	--	--	--	--	--	--
Sand, gravel, clay, and refractory mining.....	21232	45.1	44.6	45.9	46.7	--	--	--	--	--	--
Construction sand and gravel mining.....	212321	45.1	44.5	45.7	47.1	--	--	--	--	--	--
Other nonmetallic mineral mining.....	21239	43.2	43.8	43.5	44.3	--	--	--	--	--	--
Support activities for mining.....	213	45.9	44.9	46.3	46.1	--	--	--	--	--	--
Support activities for oil and gas operations.....	213112	47.0	46.5	44.9	45.1	--	--	--	--	--	--
Construction		39.1	38.9	38.8	39.0	39.0	--	--	--	--	--
Construction of buildings.....	236	38.4	38.2	38.2	38.2	--	--	--	--	--	--
Residential building.....	2361	37.1	36.7	36.6	37.1	--	--	--	--	--	--
New single-family general contractors.....	236115	37.1	36.6	36.8	37.1	--	--	--	--	--	--
Residential remodelers.....	236118	36.6	36.4	35.9	36.9	--	--	--	--	--	--
Nonresidential building.....	2362	39.7	39.7	39.8	39.5	--	--	--	--	--	--
Industrial building.....	23621	41.8	42.8	41.3	39.9	--	--	--	--	--	--
Commercial building.....	23622	39.0	38.5	39.3	39.3	--	--	--	--	--	--
Heavy and civil engineering construction.....	237	43.1	43.2	41.9	42.2	--	--	--	--	--	--
Utility system construction.....	2371	43.0	42.9	41.6	41.8	--	--	--	--	--	--
Water and sewer system construction.....	23711	42.7	43.1	41.3	42.2	--	--	--	--	--	--
Oil and gas pipeline construction.....	23712	46.2	45.5	42.8	42.7	--	--	--	--	--	--
Power and communication system construction.....	23713	41.4	40.7	41.3	40.7	--	--	--	--	--	--
Land subdivision.....	2372	36.4	35.6	35.9	36.9	--	--	--	--	--	--
Highway, street, and bridge construction.....	2373	44.1	45.0	42.8	43.3	--	--	--	--	--	--
Other heavy construction.....	2379	44.3	43.5	43.5	42.6	--	--	--	--	--	--
Specialty trade contractors.....	238	38.4	38.2	38.3	38.5	--	--	--	--	--	--
Building foundation and exterior contractors.....	2381	36.6	36.5	36.2	36.2	--	--	--	--	--	--
Poured concrete structure contractors.....	23811	40.1	39.8	38.3	38.6	--	--	--	--	--	--
Steel and precast concrete contractors.....	23812	36.9	38.2	37.1	37.5	--	--	--	--	--	--
Framing contractors.....	23813	32.2	31.8	32.5	32.5	--	--	--	--	--	--
Masonry contractors.....	23814	35.8	35.2	36.5	36.6	--	--	--	--	--	--
Glass and glazing contractors.....	23815	39.0	39.6	38.5	38.7	--	--	--	--	--	--
Roofing contractors.....	23816	36.4	37.0	35.3	34.9	--	--	--	--	--	--
Building equipment contractors.....	2382	39.6	39.4	39.6	39.7	--	--	--	--	--	--
Electrical contractors.....	23821	39.5	39.5	39.7	39.8	--	--	--	--	--	--
Plumbing and HVAC contractors.....	23822	39.6	39.2	39.5	39.7	--	--	--	--	--	--
Other building equipment contractors.....	23829	40.8	40.5	39.2	39.1	--	--	--	--	--	--
Building finishing contractors.....	2383	36.8	36.7	36.7	37.0	--	--	--	--	--	--
Drywall and insulation contractors.....	23831	36.4	36.4	35.9	36.2	--	--	--	--	--	--
Painting and wall covering contractors.....	23832	36.7	36.2	38.1	38.2	--	--	--	--	--	--
Flooring contractors.....	23833	37.3	37.6	36.4	36.8	--	--	--	--	--	--
Tile and terrazzo contractors.....	23834	38.2	36.5	38.9	38.0	--	--	--	--	--	--
Finish carpentry contractors.....	23835	37.4	36.8	37.0	36.8	--	--	--	--	--	--
Other building finishing contractors.....	23839	37.3	39.2	34.0	36.1	--	--	--	--	--	--
Other specialty trade contractors.....	2389	39.8	39.4	40.3	41.0	--	--	--	--	--	--
Site preparation contractors.....	23891	40.6	40.2	40.5	40.7	--	--	--	--	--	--
All other specialty trade contractors.....	23899	38.9	38.5	40.1	41.3	--	--	--	--	--	--
Manufacturing		40.9	39.9	40.2	40.5	39.6	4.4	4.1	4.0	4.1	3.9
Durable goods		41.3	40.0	40.6	41.0	39.9	4.4	4.0	4.1	4.3	3.8
Wood products.....	321	40.6	39.7	40.2	41.0	40.5	4.2	4.3	3.9	4.2	--
Sawmills and wood preservation.....	3211	42.6	40.8	41.2	42.2	--	5.9	5.5	4.9	5.2	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Total private		\$14.88	\$14.86	\$15.31	\$15.34	\$15.32	\$511.87	\$503.75	\$515.95	\$523.09	\$516.28
Goods-producing		16.27	16.37	16.71	16.78	16.86	657.31	649.89	665.06	672.88	664.28
Natural resources and mining		17.10	17.18	17.47	17.54	17.59	752.40	738.74	766.93	775.27	756.37
Logging.....	1133	14.95	14.85	15.17	15.39	--	595.01	583.61	559.77	598.67	--
Mining.....	21	17.39	17.50	17.73	17.81	--	775.59	764.75	797.85	803.23	--
Oil and gas extraction.....	211	19.09	19.20	18.90	18.88	--	754.06	741.12	778.68	787.30	--
Mining, except oil and gas.....	212	18.51	18.59	18.95	19.00	--	842.21	829.11	862.23	868.30	--
Coal mining.....	2121	20.46	20.51	20.69	20.68	--	918.65	881.93	960.02	959.55	--
Bituminous coal and lignite surface mining.....	212111	19.82	19.65	20.18	20.02	--	927.58	890.15	926.26	940.94	--
Bituminous coal underground mining and anthracite mining.....	212112,3	21.00	21.29	21.07	21.17	--	913.50	875.02	986.08	973.82	--
Metal ore mining.....	2122	20.35	20.79	21.51	21.66	--	868.95	900.21	929.23	927.05	--
Nonmetallic mineral mining and quarrying.....	2123	16.65	16.74	16.94	17.06	--	775.89	773.39	769.08	783.05	--
Stone mining and quarrying.....	21231	15.89	15.84	16.00	15.97	--	780.20	766.66	729.60	728.23	--
Crushed and broken limestone mining.....	212312	15.53	15.44	15.55	15.47	--	746.99	744.21	696.64	691.51	--
Other stone mining and quarrying.....	212311,3,9	16.36	16.37	16.66	16.67	--	824.54	795.58	781.35	781.82	--
Sand, gravel, clay, and refractory mining.....	21232	16.54	16.77	16.75	17.02	--	745.95	747.94	768.83	794.83	--
Construction sand and gravel mining.....	212321	16.88	17.07	16.95	17.29	--	761.29	759.62	774.62	814.36	--
Other nonmetallic mineral mining.....	21239	19.97	20.16	20.41	20.64	--	862.70	883.01	887.84	914.35	--
Support activities for mining.....	213	15.40	15.58	15.70	15.86	--	706.86	699.54	726.91	731.15	--
Support activities for oil and gas operations.....	213112	13.85	13.99	14.09	13.99	--	650.95	650.54	632.64	630.95	--
Construction		18.38	18.60	18.85	18.90	19.01	718.66	723.54	731.38	737.10	741.39
Construction of buildings.....	236	17.59	17.73	18.29	18.28	--	675.46	677.29	698.68	698.30	--
Residential building.....	2361	16.14	16.11	16.63	16.69	--	598.79	591.24	608.66	619.20	--
New single-family general contractors.....	236115	16.12	16.12	16.71	16.73	--	598.05	589.99	614.93	620.68	--
Residential remodelers.....	236118	16.22	16.11	16.65	16.74	--	593.65	586.40	597.74	617.71	--
Nonresidential building.....	2362	18.97	19.26	19.91	19.90	--	753.11	764.62	792.42	786.05	--
Industrial building.....	23621	18.33	18.87	20.35	20.43	--	766.19	807.64	840.46	815.16	--
Commercial building.....	23622	19.22	19.41	19.73	19.70	--	749.58	747.29	775.39	774.21	--
Heavy and civil engineering construction.....	237	17.90	18.29	18.73	18.81	--	771.49	790.13	784.79	793.78	--
Utility system construction.....	2371	17.01	17.30	17.94	18.04	--	731.43	742.17	746.30	754.07	--
Water and sewer system construction.....	23711	17.24	17.44	18.18	18.14	--	736.15	751.66	750.83	765.51	--
Oil and gas pipeline construction.....	23712	15.91	16.29	17.16	17.76	--	735.04	741.20	734.45	758.35	--
Power and communication system construction.....	23713	17.48	17.82	18.09	18.08	--	723.67	725.27	747.12	735.86	--
Land subdivision.....	2372	15.43	15.28	16.85	16.72	--	561.65	543.97	604.92	616.97	--
Highway, street, and bridge construction.....	2373	19.19	19.58	19.59	19.63	--	846.28	881.10	838.45	849.98	--
Other heavy construction.....	2379	17.90	18.58	19.38	19.56	--	792.97	808.23	843.03	833.26	--
Specialty trade contractors.....	238	18.77	18.98	19.06	19.13	--	720.77	725.04	730.00	736.51	--
Building foundation and exterior contractors.....	2381	17.53	17.80	17.86	17.96	--	641.60	649.70	646.53	650.15	--
Poured concrete structure contractors.....	23811	15.73	15.99	16.46	16.47	--	630.77	636.40	630.42	635.74	--
Steel and precast concrete contractors.....	23812	22.39	22.51	22.90	23.32	--	826.19	859.88	849.59	874.50	--
Framing contractors.....	23813	17.79	17.58	17.97	18.17	--	572.84	559.04	584.03	590.53	--
Masonry contractors.....	23814	18.62	18.80	18.23	18.43	--	666.60	661.76	665.40	674.54	--
Glass and glazing contractors.....	23815	17.81	18.09	18.44	18.14	--	694.59	716.36	709.94	702.02	--
Roofing contractors.....	23816	16.41	17.01	16.93	16.99	--	597.32	629.37	597.63	592.95	--
Building equipment contractors.....	2382	20.44	20.70	20.43	20.60	--	809.42	815.58	809.03	817.82	--
Electrical contractors.....	23821	20.70	20.99	20.74	20.88	--	817.65	829.11	823.38	831.02	--
Plumbing and HVAC contractors.....	23822	19.92	20.17	19.84	20.15	--	788.83	790.66	783.68	799.96	--
Other building equipment contractors.....	23829	22.17	22.26	22.27	21.79	--	904.54	901.53	872.98	851.99	--
Building finishing contractors.....	2383	17.55	17.63	18.46	18.31	--	645.84	647.02	677.48	677.47	--
Drywall and insulation contractors.....	23831	18.91	19.07	20.44	20.23	--	688.32	694.15	733.80	732.33	--
Painting and wall covering contractors.....	23832	16.23	16.48	16.55	16.44	--	595.64	596.58	630.56	628.01	--
Flooring contractors.....	23833	18.12	18.12	18.71	18.84	--	675.88	681.31	681.04	693.31	--
Tile and terrazzo contractors.....	23834	16.95	16.71	18.11	18.34	--	647.49	609.92	704.48	696.92	--
Finish carpentry contractors.....	23835	16.74	16.67	17.55	17.29	--	626.08	613.46	649.35	636.27	--
Other building finishing contractors.....	23839	16.67	16.53	17.30	17.42	--	621.79	647.98	588.20	628.86	--
Other specialty trade contractors.....	2389	17.43	17.56	17.80	17.88	--	693.71	691.86	717.34	733.08	--
Site preparation contractors.....	23891	17.91	18.01	18.64	18.84	--	727.15	724.00	754.92	766.79	--
All other specialty trade contractors.....	23899	16.90	17.06	16.90	16.89	--	657.41	656.81	677.69	697.56	--
Manufacturing		15.24	15.23	15.64	15.69	15.70	623.32	607.68	628.73	635.45	621.72
Durable goods		15.97	15.88	16.33	16.40	16.30	659.56	635.20	663.00	672.40	650.37
Wood products.....	321	12.33	12.44	12.57	12.69	12.81	500.60	493.87	505.31	520.29	518.81
Sawmills and wood preservation.....	3211	13.43	13.51	13.65	13.76	--	572.12	551.21	562.38	580.67	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Durable goods-Continued											
Plywood and engineered wood products.....	3212	41.7	40.5	41.7	42.5	--	4.9	4.7	4.7	5.3	--
Hardwood and softwood veneer and plywood..	321211,2	41.3	39.2	41.0	40.7	--	4.6	3.8	4.0	4.0	--
Engineered wood members and trusses.....	321213,4	41.1	41.1	42.1	44.1	--	5.4	5.7	5.6	6.7	--
Other wood products.....	3219	39.4	38.9	39.2	39.9	--	3.3	3.7	3.1	3.4	--
Millwork.....	32191	39.5	39.6	39.9	40.4	--	3.3	3.7	3.0	3.2	--
Wood windows and doors.....	321911	39.3	40.3	41.1	41.5	--	2.1	2.9	3.3	3.5	--
Cut stock, resawing lumber, planing, and other millwork, including flooring	321912,8	39.6	39.0	38.8	39.4	--	4.3	4.4	2.7	2.9	--
Wood containers and pallets.....	32192	40.2	39.2	39.5	40.0	--	3.8	3.7	3.2	3.3	--
All other wood products.....	32199	38.7	37.7	38.1	39.2	--	3.0	3.7	3.3	3.7	--
Manufactured and mobile homes.....	321991	38.2	37.5	36.1	37.4	--	2.4	2.9	2.3	2.9	--
Nonmetallic mineral products.....	327	43.3	42.5	42.8	42.9	42.1	6.5	6.4	6.0	6.1	--
Clay products and refractories.....	3271	41.1	40.5	41.7	41.9	--	4.2	4.2	4.5	4.5	--
Pottery, ceramics, and plumbing fixtures.....	32711	39.3	39.1	40.0	39.7	--	3.4	3.3	3.7	4.0	--
Clay building material and refractories.....	32712	43.1	41.9	43.5	44.2	--	5.1	5.1	5.4	5.1	--
Glass and glass products.....	3272	42.7	40.3	42.2	42.4	--	5.1	4.2	4.6	4.9	--
Other pressed and blown glass and glassware.....	327212	40.2	37.5	41.7	41.5	--	3.3	2.8	4.4	4.5	--
Glass products made of purchased glass.....	327215	43.4	40.3	42.0	42.9	--	5.2	3.9	3.5	4.4	--
Cement and concrete products.....	3273	44.0	44.1	43.3	43.2	--	7.9	8.2	7.3	7.4	--
Ready-mix concrete.....	32732	45.2	45.8	43.3	43.8	--	9.6	9.7	7.7	8.4	--
Other cement and concrete products.....	32731,3,9	42.5	42.0	43.2	42.4	--	6.0	6.5	6.8	6.1	--
Lime, gypsum, and other nonmetallic mineral products.....	3274,9	43.9	43.0	43.2	43.3	--	6.5	6.3	5.7	5.7	--
Primary metals.....	331	43.0	41.8	42.4	42.1	41.0	5.8	5.7	5.3	5.4	--
Iron and steel mills and ferroalloy production.....	3311	44.1	43.6	43.1	42.4	--	6.6	7.0	5.9	6.1	--
Steel products from purchased steel.....	3312	43.7	42.8	41.9	40.8	--	5.5	5.2	4.5	4.8	--
Iron, steel pipe, and tube from purchase steel.....	33121	43.8	42.0	41.8	41.0	--	6.4	5.4	6.1	6.2	--
Rolling and drawing of purchased steel.....	33122	43.7	43.3	41.9	40.7	--	4.9	5.1	3.3	3.8	--
Alumina and aluminum production.....	3313	42.1	42.1	43.9	43.2	--	6.7	6.7	6.2	6.0	--
Other nonferrous metal production.....	3314	42.1	41.1	41.5	41.6	--	5.4	5.3	4.9	4.9	--
Rolled, drawn, extruded, and alloyed copper.....	33142	42.3	41.8	42.4	42.8	--	6.3	6.6	4.8	5.0	--
Nonferrous metal, except CU and AL, shaping.....	33149	41.7	39.7	38.0	37.9	--	4.8	4.1	5.1	4.7	--
Foundries.....	3315	42.9	40.4	41.8	42.2	--	5.3	4.7	5.0	5.0	--
Ferrous metal foundries.....	33151	43.0	40.4	41.9	42.4	--	5.5	5.0	5.4	5.5	--
Iron foundries.....	331511	44.1	40.5	42.4	43.3	--	6.4	5.6	5.5	5.7	--
Steel foundries.....	331512,3	40.8	40.1	40.8	40.6	--	3.7	3.6	5.2	5.0	--
Nonferrous metal foundries.....	33152	42.7	40.5	41.8	41.9	--	5.0	4.4	4.5	4.5	--
Fabricated metal products.....	332	41.0	40.2	40.6	40.8	39.8	4.4	4.1	4.1	4.1	--
Forging and stamping.....	3321	41.4	39.6	41.0	40.7	--	4.5	4.2	4.3	4.3	--
Iron and steel forging.....	332111	41.5	39.5	41.3	41.9	--	4.1	4.0	4.8	5.1	--
Metal stamping.....	332116	42.0	40.5	41.2	40.8	--	4.9	4.1	4.6	4.3	--
Cutlery and hand tools.....	3322	40.1	39.2	39.2	39.3	--	3.4	2.9	2.5	2.8	--
Hand and edge tools.....	332212	40.6	39.1	39.1	39.0	--	3.6	2.7	2.3	2.5	--
Architectural and structural metals.....	3323	40.6	40.1	40.7	41.1	--	4.8	4.4	4.4	4.6	--
Plate work and fabricated structural products.....	33231	41.7	41.4	41.3	41.3	--	5.5	5.3	5.2	5.2	--
Prefabricated metal buildings and components.....	332311	40.3	40.7	39.3	41.5	--	--	--	--	--	--
Fabricated structural metal products.....	332312	41.5	41.6	42.0	41.7	--	5.5	5.3	5.4	5.5	--
Plate work.....	332313	42.9	41.3	41.0	40.6	--	6.1	5.4	5.4	4.8	--
Ornamental and architectural metal products.....	33232	39.8	39.1	40.2	40.9	--	4.2	3.6	3.8	4.2	--
Metal windows and doors.....	332321	40.9	39.7	42.2	43.2	--	4.7	4.2	5.0	5.8	--
Sheet metal work.....	332322	39.2	38.8	38.5	39.0	--	3.6	3.1	2.6	2.8	--
Ornamental and architectural metal work.....	332323	39.0	38.8	40.3	40.8	--	4.5	3.8	4.1	4.1	--
Boilers, tanks, and shipping containers.....	3324	41.6	41.4	41.4	41.5	--	4.9	5.1	4.8	4.6	--
Hardware.....	3325	43.5	42.8	40.0	39.6	--	4.1	4.2	2.8	2.6	--
Spring and wire products.....	3326	40.4	39.1	41.2	41.8	--	4.1	3.0	4.5	4.5	--
Machine shops and threaded products.....	3327	40.7	39.8	40.6	40.5	--	3.9	3.7	4.2	4.2	--
Machine shops.....	33271	40.5	39.7	40.4	40.5	--	3.9	4.0	4.5	4.5	--
Turned products and screws, nuts, and bolts.....	33272	41.3	39.9	41.1	40.5	--	3.9	3.1	3.4	3.4	--
Precision turned products.....	332721	40.8	39.7	41.2	40.5	--	4.0	3.2	3.6	3.4	--
Bolts, nuts, screws, rivets, and washers.....	332722	41.7	40.2	40.9	40.4	--	3.9	3.0	3.2	3.3	--
Coating, engraving, and heat treating metals.....	3328	40.3	39.9	39.1	39.4	--	4.2	4.1	3.2	3.6	--
Metal heat treating and coating and nonprecious engraving	332811,2	40.7	40.5	39.9	40.4	--	4.9	4.9	3.6	3.9	--
Electroplating, anodizing, and coloring metals..	332813	39.9	39.5	38.5	38.6	--	3.7	3.5	2.9	3.3	--
Other fabricated metal products.....	3329	41.7	40.7	41.3	41.4	--	4.7	4.0	4.0	4.0	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Durable goods—Continued											
Plywood and engineered wood products.....	3212	\$12.67	\$12.83	\$12.72	\$12.84	--	\$528.34	\$519.62	\$530.42	\$545.70	--
Hardwood and softwood veneer and plywood..	321211,2	13.03	13.19	12.90	13.12	--	538.14	517.05	528.90	533.98	--
Engineered wood members and trusses.....	321213,4	11.27	11.38	11.78	11.93	--	463.20	467.72	495.94	526.11	--
Other wood products.....	3219	11.72	11.84	12.06	12.18	--	461.77	460.58	472.75	485.98	--
Millwork.....	32191	12.55	12.73	12.74	12.75	--	495.73	504.11	508.33	515.10	--
Wood windows and doors.....	321911	12.79	12.96	12.98	13.02	--	502.65	522.29	533.48	540.33	--
Cut stock, resawing lumber, planing, and other millwork, including flooring.....	321912,8	12.34	12.52	12.52	12.51	--	488.66	488.28	485.78	492.89	--
Wood containers and pallets.....	32192	10.01	10.06	10.77	10.84	--	402.40	394.35	425.42	433.60	--
All other wood products.....	32199	11.60	11.61	11.88	12.22	--	448.92	437.70	452.63	479.02	--
Manufactured and mobile homes.....	321991	12.08	11.93	12.33	12.61	--	461.46	447.38	445.11	471.61	--
Nonmetallic mineral products.....	327	15.47	15.53	15.73	15.69	\$15.82	669.85	660.03	673.24	673.10	\$666.02
Clay products and refractories.....	3271	13.82	14.02	14.15	14.12	--	568.00	567.81	590.06	591.63	--
Pottery, ceramics, and plumbing fixtures.....	32711	13.34	13.48	13.23	13.31	--	524.26	527.07	529.20	528.41	--
Clay building material and refractories.....	32712	14.29	14.54	15.00	14.85	--	615.90	609.23	652.50	656.37	--
Glass and glass products.....	3272	15.70	15.68	16.26	16.24	--	670.39	631.90	686.17	688.58	--
Other pressed and blown glass and glassware.....	327212	16.14	16.43	16.83	16.72	--	648.83	616.13	701.81	693.88	--
Glass products made of purchased glass.....	327215	13.25	13.17	13.95	14.12	--	575.05	530.75	585.90	605.75	--
Cement and concrete products.....	3273	15.92	15.95	16.07	15.97	--	700.48	703.40	695.83	689.90	--
Ready-mix concrete.....	32732	17.17	17.27	17.21	17.18	--	776.08	790.97	745.19	752.48	--
Other cement and concrete products.....	32731,3,9	14.37	14.23	14.62	14.39	--	610.73	597.66	631.58	610.14	--
Lime, gypsum, and other nonmetallic mineral products.....	3274,9	15.20	15.34	15.34	15.38	--	667.28	659.62	662.69	665.95	--
Primary metals.....	331	17.62	17.83	17.93	18.03	18.23	757.66	745.29	760.23	759.06	747.43
Iron and steel mills and ferroalloy production.....	3311	22.43	22.68	22.29	22.61	--	989.16	988.85	960.70	958.66	--
Steel products from purchased steel.....	3312	16.07	16.28	16.54	16.77	--	702.26	696.78	693.03	684.22	--
Iron, steel pipe, and tube from purchase steel.....	33121	15.25	15.38	15.59	15.76	--	667.95	645.96	651.66	646.16	--
Rolling and drawing of purchased steel.....	33122	16.65	16.88	17.20	17.47	--	727.61	730.90	720.68	711.03	--
Alumina and aluminum production.....	3313	16.51	16.70	15.96	15.88	--	695.07	703.07	700.64	686.02	--
Other nonferrous metal production.....	3314	17.55	17.67	18.81	18.80	--	738.86	726.24	780.62	782.08	--
Rolled, drawn, extruded, and alloyed copper.....	33142	17.68	17.86	19.18	19.34	--	747.86	746.55	813.23	827.75	--
Nonferrous metal, except CU and AL, shaping.....	33149	16.64	16.69	17.75	17.39	--	693.89	662.59	674.50	659.08	--
Foundries.....	3315	15.81	15.87	16.33	16.43	--	678.25	641.15	682.59	693.35	--
Ferrous metal foundries.....	33151	16.84	16.99	17.77	17.81	--	724.12	686.40	744.56	755.14	--
Iron foundries.....	331511	18.13	18.30	19.23	19.23	--	799.53	741.15	815.35	832.66	--
Steel foundries.....	331512,3	13.96	14.16	14.55	14.56	--	569.57	567.82	593.64	591.14	--
Nonferrous metal foundries.....	33152	14.48	14.43	14.53	14.70	--	618.30	584.42	607.35	615.93	--
Fabricated metal products.....	332	14.65	14.70	14.92	14.93	14.98	600.65	590.94	605.75	609.14	596.20
Forging and stamping.....	3321	15.40	15.42	15.50	15.50	--	637.56	610.63	635.50	630.85	--
Iron and steel forging.....	332111	16.42	16.63	16.87	17.05	--	681.43	656.89	696.73	714.40	--
Metal stamping.....	332116	14.65	14.44	14.84	14.69	--	615.30	584.82	611.41	599.35	--
Cutlery and hand tools.....	3322	14.62	14.82	15.16	15.20	--	586.26	580.94	594.27	597.36	--
Hand and edge tools.....	332212	14.68	14.92	15.20	15.18	--	596.01	583.37	594.32	592.02	--
Architectural and structural metals.....	3323	14.13	14.17	14.42	14.41	--	573.68	568.22	586.89	592.25	--
Plate work and fabricated structural products.....	33231	14.28	14.33	14.55	14.61	--	595.48	593.26	600.92	603.39	--
Prefabricated metal buildings and components.....	332311	13.65	13.81	13.40	13.56	--	550.10	562.07	526.62	562.74	--
Fabricated structural metal products.....	332312	14.29	14.39	14.75	14.70	--	593.04	598.62	619.50	612.99	--
Plate work.....	332313	14.58	14.52	14.74	15.00	--	625.48	599.68	604.34	609.00	--
Ornamental and architectural metal products.....	33232	14.02	14.04	14.32	14.26	--	558.00	548.96	575.66	583.23	--
Metal windows and doors.....	332321	12.59	12.58	13.19	13.20	--	514.93	499.43	556.62	570.24	--
Sheet metal work.....	332322	14.86	14.86	15.15	15.04	--	582.51	576.57	583.28	586.56	--
Ornamental and architectural metal work.....	332323	15.03	15.18	14.98	14.95	--	586.17	588.98	603.69	609.96	--
Boilers, tanks, and shipping containers.....	3324	16.29	16.45	16.79	16.66	--	677.66	681.03	695.11	691.39	--
Hardware.....	3325	13.43	13.54	14.11	14.18	--	584.21	579.51	564.40	561.53	--
Spring and wire products.....	3326	13.59	13.52	13.71	13.57	--	549.04	528.63	564.85	567.23	--
Machine shops and threaded products.....	3327	15.51	15.65	15.71	15.78	--	631.26	622.87	637.83	639.09	--
Machine shops.....	33271	15.66	15.87	15.90	15.91	--	634.23	630.04	642.36	644.36	--
Turned products and screws, nuts, and bolts.....	33272	15.14	15.10	15.23	15.44	--	625.28	602.49	625.95	625.32	--
Precision turned products.....	332721	14.86	14.83	14.84	15.02	--	606.29	588.75	611.41	608.31	--
Bolts, nuts, screws, rivets, and washers.....	332722	15.42	15.37	15.64	15.86	--	643.01	617.87	639.68	640.74	--
Coating, engraving, and heat treating metals.....	3328	12.90	12.98	12.88	12.89	--	519.87	517.90	503.61	507.87	--
Metal heat treating and coating and nonprecious engraving.....	332811,2	13.16	13.44	13.00	12.92	--	535.61	544.32	518.70	521.97	--
Electroplating, anodizing, and coloring metals..	332813	12.70	12.62	12.78	12.86	--	506.73	498.49	492.03	496.40	--
Other fabricated metal products.....	3329	14.94	14.84	15.29	15.28	--	623.00	603.99	631.48	632.59	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Durable goods—Continued											
Metal valves.....	33291	40.4	39.6	39.9	39.8	--	4.6	3.8	3.4	3.6	--
Fluid power valves and hose fittings.....	332912	41.7	40.3	41.8	41.7	--	4.0	2.8	4.1	4.0	--
Industrial valves and other metal valves and pipe fittings.....	332911,9	39.9	38.7	39.5	38.8	--	4.4	3.3	3.2	3.2	--
All other fabricated metal products.....	33299	42.4	41.3	42.0	42.3	--	4.7	4.1	4.3	4.2	--
Ball and roller bearings.....	332991	43.3	41.7	45.4	44.9	--	4.4	4.4	5.3	5.0	--
Small arms, ammunition, and other ordnance and accessories.....	332992,3,4,5	44.5	42.9	41.5	42.1	--	4.6	4.0	3.4	3.4	--
Miscellaneous fabricated metal products.....	332996,7,8,9	41.6	40.7	41.0	41.4	--	4.9	4.1	4.2	4.1	--
Machinery.....	333	40.8	40.0	40.8	41.0	40.0	3.9	3.8	4.1	4.3	--
Agricultural, construction, and mining machinery....	3331	41.7	40.5	41.6	41.5	--	4.0	3.8	4.5	4.2	--
Agricultural implements.....	33311	40.4	39.0	39.9	39.6	--	3.7	3.4	3.7	3.5	--
Farm machinery and equipment.....	333111	40.6	39.2	40.7	40.0	--	4.2	3.6	3.9	3.8	--
Construction machinery.....	33312	39.1	36.8	38.8	39.5	--	3.2	2.3	3.5	3.7	--
Industrial machinery.....	3332	40.2	39.1	40.6	41.4	--	3.4	3.0	4.1	4.7	--
Commercial and service industry machinery.....	3333	41.4	39.6	40.1	40.0	--	3.7	2.9	3.1	3.3	--
Photographic and photocopying equipment.....	333315	40.6	38.8	42.8	39.5	--	3.1	2.8	2.4	2.4	--
Miscellaneous commercial and service industry machinery.....	333311,2,4,9	41.9	40.1	39.4	40.4	--	4.0	3.1	3.3	3.6	--
HVAC and commercial refrigeration equipment.....	3334	40.9	40.6	40.1	41.9	--	4.4	4.5	3.4	5.0	--
AC, refrigeration, and forced air heating.....	333415	41.5	41.1	40.2	42.1	--	4.7	4.7	3.5	4.9	--
Metalworking machinery.....	3335	40.4	40.5	41.3	40.8	--	3.9	4.2	4.8	4.4	--
Industrial molds.....	333511	40.8	40.3	42.0	41.1	--	4.1	4.4	5.1	4.2	--
Metal cutting and forming machine tools.....	333512,3	39.5	39.4	39.6	39.4	--	3.8	4.1	3.5	3.2	--
Special tools, dies, jigs, and fixtures.....	333514	40.5	40.6	42.2	41.8	--	3.6	4.2	5.4	5.3	--
Miscellaneous metalworking machinery.....	333515,6,8	40.6	41.3	39.8	39.2	--	4.5	3.9	4.2	3.5	--
Turbine and power transmission equipment.....	3336	41.7	41.4	42.0	41.4	--	4.7	4.3	5.2	4.8	--
Turbine and turbine generator set units.....	333611	41.3	39.7	40.4	41.7	--	--	--	--	--	--
Power transmission and miscellaneous engine equipment.....	333612,3,8	41.8	41.9	42.3	41.3	--	4.8	4.8	5.4	4.7	--
Other general purpose machinery.....	3339	39.9	38.8	40.0	40.6	--	3.7	3.7	3.7	4.0	--
Pumps and compressors.....	33391	41.4	40.4	40.7	42.2	--	4.3	4.1	4.1	4.1	--
Pumps and pumping equipment, including measuring and dispensing.....	333911,3	41.5	40.0	39.8	41.3	--	4.5	4.1	3.7	3.6	--
Material handling equipment.....	33392	40.4	39.6	40.6	41.1	--	4.4	4.5	3.9	4.0	--
Conveyor and conveying equipment.....	333922	40.5	40.7	41.7	41.7	--	5.0	4.9	5.5	5.6	--
All other general purpose machinery.....	33399	39.1	37.9	39.4	39.8	--	3.1	3.1	3.5	3.9	--
Computer and electronic products.....	334	40.1	38.7	40.3	40.6	39.8	3.6	3.2	3.6	3.9	--
Computer and peripheral equipment.....	3341	42.6	41.4	40.0	40.3	--	4.2	3.7	2.3	2.7	--
Other computer peripheral equipment.....	334119	42.6	40.6	41.8	40.2	--	--	--	--	--	--
Communications equipment.....	3342	39.3	37.3	38.9	40.0	--	3.5	2.8	3.2	3.4	--
Broadcast and wireless communications equipment.....	33422	39.2	37.8	39.1	40.3	--	3.6	3.1	2.8	2.8	--
Audio and video equipment.....	3343	37.5	35.8	36.2	37.3	--	--	--	--	--	--
Semiconductors and electronic components.....	3344	39.8	38.2	41.2	41.8	--	3.8	3.5	4.8	5.4	--
Bare printed circuit boards.....	334412	41.0	39.3	39.4	39.8	--	4.0	3.1	2.9	3.6	--
Semiconductors and related devices.....	334413	39.0	37.5	42.9	44.1	--	4.7	4.6	7.3	8.3	--
Printed circuit assemblies.....	334418	39.9	37.6	40.3	40.8	--	2.6	2.2	2.5	3.6	--
Miscellaneous electronic components.....	334415,6,9	39.5	38.1	39.9	39.8	--	2.7	2.2	3.2	3.4	--
Electronic instruments.....	3345	39.6	38.5	39.7	39.4	--	2.5	2.3	2.3	2.3	--
Electromedical apparatus.....	334510	39.3	37.8	40.8	40.0	--	--	--	--	--	--
Search, detection, and navigation instruments.....	334511	39.9	39.3	40.0	39.5	--	2.8	2.5	2.3	2.7	--
Industrial process variable instruments.....	334513	38.5	37.8	39.5	39.5	--	1.1	1.4	1.6	1.4	--
Electricity and signal testing instruments.....	334515	39.7	37.9	36.4	37.0	--	2.2	1.6	1.2	1.3	--
Irradiation apparatus.....	334517	42.5	40.7	42.4	43.1	--	--	--	--	--	--
Miscellaneous electronic instruments.....	334514,6,8,9	40.0	38.5	39.9	38.6	--	3.4	2.7	2.1	2.0	--
Electrical equipment and appliances.....	335	40.7	39.4	40.1	41.2	40.0	3.2	2.7	2.9	3.4	--
Electric lighting equipment.....	3351	41.2	39.9	40.3	41.0	--	3.7	3.3	2.8	3.5	--
Electric lamp bulbs and parts.....	33511	42.2	39.7	40.3	40.3	--	3.5	2.1	2.6	3.1	--
Lighting fixtures.....	33512	40.9	40.0	40.3	41.2	--	3.8	3.7	2.9	3.6	--
Household appliances.....	3352	39.3	36.9	37.9	40.6	--	1.8	1.5	1.8	2.9	--
Electrical equipment.....	3353	41.3	40.3	41.1	41.8	--	3.5	3.0	3.2	3.7	--
Motors and generators.....	335312	41.8	40.4	40.5	40.8	--	4.7	3.9	3.0	3.3	--
Switchgear and switchboard apparatus.....	335313	40.4	41.0	41.5	42.1	--	2.8	3.2	4.7	5.2	--
Relays and industrial controls.....	335314	42.4	40.9	42.0	42.1	--	2.7	2.3	2.1	2.3	--
Other electrical equipment and components.....	3359	41.0	40.1	40.6	40.9	--	3.5	3.2	3.3	3.5	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Durable goods-Continued											
Metal valves.....	33291	\$14.62	\$14.56	\$15.11	\$15.25	--	\$590.65	\$576.58	\$602.89	\$606.95	--
Fluid power valves and hose fittings.....	332912	14.82	14.68	15.78	15.83	--	617.99	591.60	659.60	660.11	--
Industrial valves and other metal valves and pipe fittings.....	332911,9	14.87	14.85	15.24	15.51	--	593.31	574.70	601.98	601.79	--
All other fabricated metal products.....	33299	15.10	14.99	15.38	15.30	--	640.24	619.09	645.96	647.19	--
Ball and roller bearings.....	332991	16.48	16.25	16.64	16.54	--	713.58	677.63	755.46	742.65	--
Small arms, ammunition, and other ordnance and accessories.....	332992,3,4,5	16.77	16.95	17.16	17.27	--	746.27	727.16	712.14	727.07	--
Miscellaneous fabricated metal products.....	332996,7,8,9	14.18	14.03	14.36	14.23	--	589.89	571.02	588.76	589.12	--
Machinery.....	333	15.91	15.89	16.23	16.33	\$16.41	649.13	635.60	662.18	669.53	\$656.40
Agricultural, construction, and mining machinery.....	3331	14.48	14.51	14.57	14.61	--	603.82	587.66	606.11	606.32	--
Agricultural implements.....	33311	14.07	14.18	14.12	14.21	--	568.43	553.02	563.39	562.72	--
Farm machinery and equipment.....	333111	14.72	14.69	14.87	14.97	--	597.63	575.85	605.21	598.80	--
Construction machinery.....	33312	14.83	14.91	15.35	15.49	--	579.85	548.69	595.58	611.86	--
Industrial machinery.....	3332	16.47	16.21	17.06	17.19	--	662.09	633.81	692.64	711.67	--
Commercial and service industry machinery.....	3333	17.56	17.39	17.91	17.87	--	726.98	688.64	718.19	714.80	--
Photographic and photocopying equipment.....	333315	23.51	22.63	24.03	24.74	--	954.51	878.04	1,028.48	977.23	--
Miscellaneous commercial and service industry machinery.....	333311,2,4,9	15.51	15.59	15.74	15.59	--	649.87	625.16	620.16	629.84	--
HVAC and commercial refrigeration equipment.....	3334	13.73	13.77	14.05	14.39	--	561.56	559.06	563.41	602.94	--
AC, refrigeration, and forced air heating.....	333415	13.71	13.82	13.97	14.25	--	568.97	568.00	561.59	599.93	--
Metalworking machinery.....	3335	17.40	17.36	17.81	17.93	--	702.96	703.08	735.55	731.54	--
Industrial molds.....	333511	17.53	17.80	17.43	17.55	--	715.22	717.34	732.06	721.31	--
Metal cutting and forming machine tools.....	333512,3	17.31	17.17	17.47	17.80	--	683.75	676.50	691.81	701.32	--
Special tools, dies, jigs, and fixtures.....	333514	17.65	17.54	18.17	18.10	--	714.83	712.12	766.77	756.58	--
Miscellaneous metalworking machinery.....	333515,6,8	16.80	16.64	17.77	18.13	--	682.08	687.23	707.25	710.70	--
Turbine and power transmission equipment.....	3336	17.76	18.11	17.56	17.62	--	740.59	749.75	737.52	729.47	--
Turbine and turbine generator set units.....	333611	22.20	22.07	23.06	22.86	--	916.86	876.18	931.62	953.26	--
Power transmission and miscellaneous engine equipment.....	333612,3,8	16.63	17.11	16.47	16.54	--	695.13	716.91	696.68	683.10	--
Other general purpose machinery.....	3339	15.56	15.48	16.01	16.13	--	620.84	600.62	640.40	654.88	--
Pumps and compressors.....	33391	16.50	16.48	17.07	17.14	--	683.10	665.79	694.75	723.31	--
Pumps and pumping equipment, including measuring and dispensing.....	333911,3	17.01	16.92	17.28	17.24	--	705.92	676.80	687.74	712.01	--
Material handling equipment.....	33392	14.45	14.45	14.64	14.72	--	583.78	572.22	594.38	604.99	--
Conveyor and conveying equipment.....	333922	13.90	13.89	13.99	13.96	--	562.95	565.32	583.38	582.13	--
All other general purpose machinery.....	33399	15.85	15.73	16.40	16.57	--	619.74	596.17	646.16	659.49	--
Computer and electronic products.....	334	16.24	16.32	16.56	16.75	16.83	651.22	631.58	667.37	680.05	669.83
Computer and peripheral equipment.....	3341	19.61	19.55	20.21	20.54	--	835.39	809.37	808.40	827.76	--
Other computer peripheral equipment.....	334119	16.04	16.37	16.75	16.26	--	683.30	664.62	700.15	653.65	--
Communications equipment.....	3342	15.31	15.60	16.91	17.06	--	601.68	581.88	657.80	682.40	--
Broadcast and wireless communications equipment.....	33422	14.66	14.71	15.14	15.30	--	574.67	556.04	591.97	616.59	--
Audio and video equipment.....	3343	12.55	13.15	15.87	16.09	--	470.63	470.77	574.49	600.16	--
Semiconductors and electronic components.....	3344	15.49	15.58	15.30	15.44	--	616.50	595.16	630.36	645.39	--
Bare printed circuit boards.....	334412	12.99	12.99	13.43	13.57	--	532.59	510.51	529.14	540.09	--
Semiconductors and related devices.....	334413	19.56	19.54	17.81	17.86	--	762.84	732.75	764.05	787.63	--
Printed circuit assemblies.....	334418	12.16	12.19	12.20	12.39	--	485.18	458.34	491.66	505.51	--
Miscellaneous electronic components.....	334415,6,9	12.30	12.50	13.44	13.57	--	485.85	476.25	536.26	540.09	--
Electronic instruments.....	3345	16.67	16.64	16.94	17.16	--	660.13	640.64	672.52	676.10	--
Electromedical apparatus.....	334510	14.65	14.58	14.61	14.62	--	575.75	551.12	596.09	584.80	--
Search, detection, and navigation instruments.....	334511	18.35	18.35	18.74	19.37	--	732.17	721.16	749.60	765.12	--
Industrial process variable instruments.....	334513	16.53	16.61	17.21	16.94	--	636.41	627.86	679.80	669.13	--
Electricity and signal testing instruments.....	334515	19.68	19.65	17.77	17.90	--	781.30	744.74	646.83	662.30	--
Irradiation apparatus.....	334517	19.51	20.38	21.39	21.24	--	829.18	829.47	906.94	915.44	--
Miscellaneous electronic instruments.....	334514,6,8,9	16.73	16.60	17.23	17.72	--	669.20	639.10	687.48	683.99	--
Electrical equipment and appliances.....	335	13.90	13.94	14.19	14.27	14.22	565.73	549.24	569.02	587.92	568.80
Electric lighting equipment.....	3351	13.29	13.46	13.79	13.92	--	547.55	537.05	555.74	570.72	--
Electric lamp bulbs and parts.....	33511	16.60	17.11	18.31	18.36	--	700.52	679.27	737.89	739.91	--
Lighting fixtures.....	33512	12.21	12.32	12.24	12.51	--	499.39	492.80	493.27	515.41	--
Household appliances.....	3352	13.49	13.38	13.62	13.75	--	530.16	493.72	516.20	558.25	--
Electrical equipment.....	3353	14.04	14.11	14.37	14.47	--	579.85	568.63	590.61	604.85	--
Motors and generators.....	335312	12.64	12.69	13.00	13.09	--	528.35	512.68	526.50	534.07	--
Switchgear and switchboard apparatus.....	335313	15.76	15.89	15.98	15.80	--	636.70	651.49	663.17	665.18	--
Relays and industrial controls.....	335314	15.33	15.40	15.31	15.60	--	649.99	629.86	643.02	656.76	--
Other electrical equipment and components.....	3359	14.37	14.39	14.58	14.62	--	589.17	577.04	591.95	597.96	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Durable goods—Continued											
Wiring devices.....	33593	40.0	39.1	40.4	40.6	--	3.0	2.8	3.5	3.2	--
Current-carrying wiring devices.....	335931	40.1	39.2	40.3	40.3	--	3.2	3.0	3.8	3.4	--
All other electrical equipment and components.....	33599	39.5	38.8	39.1	38.9	--	3.0	2.6	2.5	3.1	--
Transportation equipment.....	336	43.3	40.6	41.5	41.9	39.7	5.6	3.9	4.6	4.9	--
Motor vehicles.....	3361	43.0	41.3	42.5	42.2	--	5.3	3.1	5.7	5.2	--
Automobiles and light trucks.....	33611	43.4	41.6	42.8	42.5	--	5.5	3.1	6.0	5.5	--
Automobiles.....	336111	43.4	41.3	43.1	42.1	--	5.2	3.1	7.0	5.9	--
Light trucks and utility vehicles.....	336112	43.3	42.2	42.4	43.1	--	6.0	3.1	4.4	4.7	--
Heavy duty trucks.....	33612	40.6	39.6	39.4	39.9	--	4.4	3.4	2.4	2.8	--
Motor vehicle bodies and trailers.....	3362	41.0	39.7	40.1	40.2	--	3.6	3.5	3.5	3.6	--
Motor vehicle bodies.....	336211	42.0	40.3	40.1	40.3	--	4.1	3.7	3.7	3.9	--
Truck trailers.....	336212	38.8	39.7	39.1	38.7	--	2.4	3.8	4.5	4.2	--
Travel trailers and campers.....	336214	41.3	39.6	40.0	40.3	--	3.7	3.4	3.2	3.2	--
Motor vehicle parts.....	3363	44.3	39.8	41.6	42.3	--	6.4	3.5	4.5	4.9	--
Motor vehicle gasoline engine and parts.....	33631	43.6	40.1	41.1	41.1	--	6.1	3.1	4.2	4.4	--
Gasoline engine and engine parts.....	336312	44.5	40.4	41.9	41.9	--	6.4	2.7	4.1	4.3	--
Motor vehicle electric equipment.....	33632	42.9	39.2	40.0	40.8	--	5.4	3.8	3.6	4.0	--
Other motor vehicle electric equipment.....	336322	43.4	39.9	40.7	41.4	--	5.5	4.0	3.9	4.2	--
Motor vehicle steering and suspension parts.....	33633	48.1	42.8	44.2	45.6	--	8.8	3.5	5.2	6.3	--
Motor vehicle power train components.....	33635	49.2	42.7	45.5	46.5	--	9.5	4.2	7.0	7.7	--
Motor vehicle seating and interior trim.....	33636	41.0	36.6	37.1	38.3	--	4.8	1.9	0.7	1.8	--
Motor vehicle metal stamping.....	33637	43.9	39.9	42.0	42.9	--	5.8	3.3	4.7	4.8	--
Other motor vehicle parts.....	33639	43.3	38.6	40.7	41.1	--	5.8	4.3	5.0	5.3	--
All other motor vehicle parts.....	336399	43.0	38.1	40.2	40.6	--	5.6	4.0	5.0	5.3	--
Aerospace products and parts.....	3364	42.5	41.5	41.5	41.5	--	4.8	4.5	4.7	4.9	--
Aircraft.....	336411	41.5	40.3	39.6	40.0	--	4.2	3.9	4.1	4.4	--
Aircraft engines and engine parts.....	336412	43.6	43.0	43.6	43.2	--	5.4	5.6	5.7	5.8	--
Other aircraft parts and equipment.....	336413	43.2	42.2	42.5	42.3	--	5.6	5.2	5.4	5.4	--
Ship and boat building.....	3366	43.1	42.3	41.3	42.2	--	6.5	6.0	4.7	5.5	--
Ship building and repairing.....	336611	44.7	44.4	42.9	43.5	--	8.2	7.7	5.7	6.6	--
Boat building.....	336612	40.3	38.7	38.7	39.9	--	3.5	3.1	2.9	3.6	--
Furniture and related products.....	337	39.2	39.2	38.1	39.1	38.9	3.2	3.7	3.1	3.5	--
Household and institutional furniture.....	3371	39.1	38.8	37.9	38.5	--	2.9	3.2	3.1	3.2	--
Wood kitchen cabinets and countertops.....	33711	39.1	39.6	40.0	40.2	--	3.4	4.4	5.2	4.8	--
Other household and institutional furniture.....	33712	39.1	38.3	36.6	37.5	--	2.5	2.5	1.8	2.1	--
Upholstered household furniture.....	337121	37.8	36.7	34.1	36.0	--	1.6	1.3	1.0	1.6	--
Nonupholstered wood household furniture.....	337122	38.2	38.0	37.2	37.3	--	1.8	1.9	1.3	1.7	--
Miscellaneous household and institutional furniture.....	337124,5,7,9	43.6	41.9	40.2	40.7	--	5.9	6.0	4.3	4.1	--
Office furniture and fixtures.....	3372	39.5	39.9	38.4	40.0	--	3.9	4.9	3.1	4.1	--
Wood office furniture and custom architectural woodwork and millwork.....	337211,2	38.8	38.5	37.2	40.3	--	4.0	4.5	2.7	4.5	--
Showcases, partitions, shelving, and lockers.....	337215	39.7	40.0	38.7	39.8	--	4.2	4.9	3.3	3.8	--
Other furniture-related products.....	3379	39.3	40.4	39.5	41.8	--	3.9	4.7	3.0	4.3	--
Miscellaneous manufacturing.....	339	39.3	38.0	38.1	38.6	37.9	2.9	2.7	2.6	2.5	--
Medical equipment and supplies.....	3391	39.0	38.2	37.7	38.3	--	3.2	3.1	3.1	3.1	--
Surgical and medical instruments.....	339112	38.8	37.6	39.0	40.1	--	3.3	2.9	3.6	4.0	--
Surgical appliances and supplies.....	339113	39.8	38.7	38.1	38.2	--	2.7	2.9	3.4	3.4	--
Dental laboratories.....	339116	35.2	35.1	35.1	35.5	--	--	--	--	--	--
Other miscellaneous manufacturing.....	3399	39.5	37.9	38.5	38.8	--	2.6	2.4	2.2	2.0	--
Jewelry and silverware.....	33991	37.9	35.7	35.7	35.6	--	2.2	1.7	0.9	0.8	--
Sporting and athletic goods.....	33992	39.8	38.1	41.5	41.5	--	2.2	2.4	3.2	2.8	--
Office supplies, except paper.....	33994	39.5	38.7	37.0	37.1	--	1.9	1.7	1.5	0.9	--
Signs.....	33995	39.7	38.5	39.0	39.6	--	3.0	2.9	2.9	2.8	--
All other miscellaneous manufacturing.....	33999	39.6	38.1	38.0	38.1	--	3.0	2.6	1.8	1.7	--
Nondurable goods		40.4	39.8	39.6	39.8	39.1	4.4	4.3	3.9	3.9	4.0
Food manufacturing.....	311	39.7	39.5	39.1	39.3	38.8	4.7	4.8	4.2	4.2	--
Animal food.....	3111	41.8	41.5	42.0	42.2	--	5.2	5.2	6.1	6.3	--
Grain and oilseed milling.....	3112	43.7	44.8	42.6	42.5	--	6.3	7.5	5.7	5.6	--
Flour milling, malt, starch, and vegetable oil.....	31121,2	43.3	44.2	42.1	42.6	--	5.6	6.2	5.2	5.3	--
Sugar and confectionery products.....	3113	40.2	40.3	38.2	39.3	--	4.1	4.9	3.4	3.5	--
Sugar.....	31131	41.4	41.4	38.2	38.7	--	3.5	3.4	4.2	3.5	--
Chocolate confectioneries.....	31132,3	38.9	39.4	38.0	39.3	--	--	--	--	--	--
Fruit and vegetable preserving and specialty.....	3114	39.5	39.1	40.5	40.1	--	5.6	5.9	4.6	4.5	--
Frozen food.....	31141	39.6	38.4	40.9	40.7	--	6.2	6.5	4.9	5.1	--
Frozen fruits and vegetables.....	311411	36.8	36.5	37.3	38.2	--	5.2	5.7	4.0	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 workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Durable goods—Continued											
Wiring devices.....	33593	\$13.39	\$13.40	\$13.64	\$13.60	--	\$535.60	\$523.94	\$551.06	\$552.16	--
Current-carrying wiring devices.....	335931	13.36	13.30	13.64	13.67	--	535.74	521.36	549.69	550.90	--
All other electrical equipment and components.....	33599	13.08	13.24	13.51	13.67	--	516.66	513.71	528.24	531.76	--
Transportation equipment.....	336	20.48	20.04	21.08	21.19	\$20.70	886.78	813.62	874.82	887.86	\$821.79
Motor vehicles.....	3361	27.06	26.26	27.97	27.85	--	1,163.58	1,084.54	1,188.73	1,175.27	--
Automobiles and light trucks.....	33611	27.56	26.82	28.49	28.33	--	1,196.10	1,115.71	1,219.37	1,204.03	--
Automobiles.....	336111	27.90	27.10	29.38	29.31	--	1,210.86	1,119.23	1,266.28	1,233.95	--
Light trucks and utility vehicles.....	336112	26.91	26.25	26.92	26.68	--	1,165.20	1,107.75	1,141.41	1,149.91	--
Heavy duty trucks.....	33612	23.06	22.15	23.16	23.45	--	936.24	877.14	912.50	935.66	--
Motor vehicle bodies and trailers.....	3362	15.43	15.37	15.71	15.72	--	632.63	610.19	629.97	631.94	--
Motor vehicle bodies.....	336211	17.80	17.61	18.99	19.31	--	747.60	709.68	761.50	778.19	--
Truck trailers.....	336212	13.15	13.30	13.64	13.50	--	510.22	528.01	533.32	522.45	--
Travel trailers and campers.....	336214	13.24	13.20	13.12	12.87	--	546.81	522.72	524.80	518.66	--
Motor vehicle parts.....	3363	19.71	19.06	20.14	20.46	--	873.15	758.59	837.82	865.46	--
Motor vehicle gasoline engine and parts.....	33631	21.22	20.57	21.82	22.11	--	925.19	824.86	896.80	908.72	--
Gasoline engine and engine parts.....	336312	22.13	21.37	22.57	22.84	--	984.79	863.35	945.68	957.00	--
Motor vehicle electric equipment.....	33632	16.96	16.18	17.45	17.81	--	727.58	634.26	698.00	726.65	--
Other motor vehicle electric equipment.....	336322	16.94	16.22	17.85	18.22	--	735.20	647.18	726.50	754.31	--
Motor vehicle steering and suspension parts.....	33633	24.62	22.61	25.26	25.68	--	1,184.22	967.71	1,116.49	1,171.01	--
Motor vehicle power train components.....	33635	25.11	23.92	25.43	25.96	--	1,235.41	1,021.38	1,157.07	1,207.14	--
Motor vehicle seating and interior trim.....	33636	15.42	14.87	15.28	15.61	--	632.22	544.24	566.89	597.86	--
Motor vehicle metal stamping.....	33637	21.93	21.38	22.25	22.60	--	962.73	853.06	934.50	969.54	--
Other motor vehicle parts.....	33639	15.89	16.25	16.50	16.65	--	688.04	627.25	671.55	684.32	--
All other motor vehicle parts.....	336399	15.91	16.30	16.55	16.69	--	684.13	621.03	665.31	677.61	--
Aerospace products and parts.....	3364	21.93	22.13	22.60	22.68	--	932.03	918.40	937.90	941.22	--
Aircraft.....	336411	24.82	24.96	25.05	25.15	--	1,030.03	1,005.89	991.98	1,006.00	--
Aircraft engines and engine parts.....	336412	21.61	21.97	23.14	23.34	--	942.20	944.71	1,008.90	1,008.29	--
Other aircraft parts and equipment.....	336413	17.81	17.72	18.51	18.43	--	769.39	747.78	786.68	779.59	--
Ship and boat building.....	3366	15.49	15.60	16.17	16.11	--	667.62	659.88	667.82	679.84	--
Ship building and repairing.....	336611	16.68	16.75	17.58	17.51	--	745.60	743.70	754.18	761.69	--
Boat building.....	336612	13.22	13.35	13.53	13.51	--	532.77	516.65	523.61	539.05	--
Furniture and related products.....	337	12.59	12.67	12.90	12.96	13.04	493.53	496.66	491.49	506.74	507.26
Household and institutional furniture.....	3371	12.25	12.24	12.62	12.68	--	478.98	474.91	478.30	488.18	--
Wood kitchen cabinets and countertops.....	33711	12.90	12.95	13.11	13.09	--	504.39	512.82	524.40	526.22	--
Other household and institutional furniture.....	33712	11.89	11.82	12.28	12.39	--	464.90	452.71	449.45	464.63	--
Upholstered household furniture.....	337121	12.64	12.56	13.07	13.27	--	477.79	460.95	445.69	477.72	--
Nonupholstered wood household furniture.....	337122	11.21	11.26	11.48	11.48	--	428.22	427.88	427.06	428.20	--
Miscellaneous household and institutional furniture.....	337124,5,7,9	12.00	11.71	12.51	12.61	--	523.20	490.65	502.90	513.23	--
Office furniture and fixtures.....	3372	13.55	13.81	13.86	13.84	--	535.23	551.02	532.22	553.60	--
Wood office furniture and custom architectural woodwork and millwork.....	337211,2	14.15	14.51	14.99	15.15	--	549.02	558.64	557.63	610.55	--
Showcases, partitions, shelving, and lockers.....	337215	12.65	12.84	12.83	12.65	--	502.21	513.60	496.52	503.47	--
Other furniture-related products.....	3379	12.73	12.95	12.62	12.83	--	500.29	523.18	498.49	536.29	--
Miscellaneous manufacturing.....	339	12.87	12.99	13.19	13.14	13.30	505.79	493.62	502.54	507.20	504.07
Medical equipment and supplies.....	3391	13.60	13.78	13.75	13.66	--	530.40	526.40	518.38	523.18	--
Surgical and medical instruments.....	339112	13.42	13.65	13.63	13.58	--	520.70	513.24	531.57	544.56	--
Surgical appliances and supplies.....	339113	13.54	13.61	13.59	13.52	--	538.89	526.71	517.78	516.46	--
Dental laboratories.....	339116	13.95	14.30	14.31	14.32	--	491.04	501.93	502.28	508.36	--
Other miscellaneous manufacturing.....	3399	12.31	12.38	12.77	12.73	--	486.25	469.20	491.65	493.92	--
Jewelry and silverware.....	33991	12.17	12.48	12.37	12.38	--	461.24	445.54	441.61	440.73	--
Sporting and athletic goods.....	33992	11.47	11.48	11.97	11.94	--	456.51	437.39	496.76	495.51	--
Office supplies, except paper.....	33994	11.74	11.71	11.50	11.37	--	463.73	453.18	425.50	421.83	--
Signs.....	33995	13.28	13.21	14.41	14.21	--	527.22	508.59	561.99	562.72	--
All other miscellaneous manufacturing.....	33999	12.50	12.56	12.87	12.87	--	495.00	478.54	489.06	490.35	--
Nondurable goods.....		14.09	14.23	14.56	14.58	14.76	569.24	566.35	576.58	580.28	577.12
Food manufacturing.....	311	12.53	12.67	12.71	12.71	12.85	497.44	500.47	496.96	499.50	498.58
Animal food.....	3111	13.74	14.10	14.14	14.12	--	574.33	585.15	593.88	595.86	--
Grain and oilseed milling.....	3112	18.31	18.46	18.24	18.05	--	800.15	827.01	777.02	767.13	--
Flour milling, malt, starch, and vegetable oil.....	31121,2	15.25	15.31	15.52	15.43	--	660.33	676.70	653.39	657.32	--
Sugar and confectionery products.....	3113	15.26	15.41	15.54	15.63	--	613.45	621.02	593.63	614.26	--
Sugar.....	31131	15.78	15.59	15.77	15.87	--	653.29	645.43	602.41	614.17	--
Chocolate confectioneries.....	31132,3	15.32	15.77	15.61	15.64	--	595.95	621.34	593.18	614.65	--
Fruit and vegetable preserving and specialty.....	3114	12.81	13.11	12.91	12.87	--	506.00	512.60	522.86	516.09	--
Frozen food.....	31141	11.97	12.30	11.64	11.67	--	474.01	472.32	476.08	474.97	--
Frozen fruits and vegetables.....	311411	12.39	12.49	13.20	12.78	--	455.95	455.89	492.36	488.20	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Nondurable goods-Continued											
Frozen specialty food.....	311412	41.7	39.8	43.0	42.3	--	6.9	7.1	5.4	5.3	--
Fruit and vegetable canning and drying.....	31142	39.3	39.8	40.0	39.5	--	4.9	5.3	4.2	3.9	--
Fruit and vegetable canning.....	311421	38.9	39.2	39.9	39.3	--	5.1	5.4	4.5	4.4	--
Dried and dehydrated food.....	311423	41.0	40.3	42.7	44.2	--	--	--	--	--	--
Dairy products.....	3115	40.6	40.3	40.9	40.6	--	5.2	5.5	4.8	4.5	--
Dairy products, except frozen.....	31151	40.7	40.4	40.7	40.6	--	4.5	4.8	4.4	4.2	--
Fluid milk.....	311511	40.5	41.4	40.9	41.1	--	4.4	4.9	4.1	4.3	--
Animal slaughtering and processing.....	3116	40.6	40.6	40.0	40.2	--	4.4	4.5	4.0	4.1	--
Animal, except poultry, slaughtering.....	311611	41.4	41.6	39.7	40.0	--	4.7	4.9	4.0	4.3	--
Meat processed from carcasses, and rendering and meat byproduct processing.....	311612,3	42.9	41.4	41.4	41.2	--	5.9	5.7	5.3	5.0	--
Poultry processing.....	311615	39.2	39.6	39.5	39.8	--	3.5	3.7	3.4	3.5	--
Seafood product preparation and packaging.....	3117	35.7	35.6	31.9	33.1	--	3.4	4.0	3.2	3.4	--
Bakeries and tortilla manufacturing.....	3118	37.3	36.1	36.2	36.9	--	4.9	4.2	3.3	3.6	--
Bread and bakery products.....	31181	36.2	34.8	35.3	35.9	--	4.9	3.8	3.1	3.2	--
Retail bakeries.....	311811	29.1	27.8	28.2	29.4	--	--	--	--	--	--
Commercial bakeries and frozen cakes and other pastry products.....	311812,3	40.3	38.8	39.7	39.9	--	5.2	4.5	4.6	4.5	--
Cookies, crackers, pasta, and tortillas.....	31182,3	40.1	39.6	38.5	39.6	--	5.0	5.1	3.8	4.6	--
Other food products.....	3119	39.1	39.4	38.6	38.5	--	4.4	4.7	5.3	5.0	--
Snack food.....	31191	38.0	38.1	37.9	37.6	--	3.7	3.9	5.5	5.1	--
Miscellaneous food products.....	31192,3,4,9	39.6	40.0	39.0	39.0	--	4.7	5.1	5.2	5.0	--
Beverages and tobacco products.....	312	40.4	40.2	39.3	39.5	39.3	5.9	5.1	4.1	4.7	--
Beverages.....	3121	40.3	40.3	39.4	39.5	--	6.5	5.4	4.5	5.2	--
Soft drinks and ice.....	31211	41.4	42.6	39.0	40.0	--	7.4	6.5	5.0	6.0	--
Soft drinks.....	312111	40.9	41.9	41.6	42.1	--	6.8	5.9	5.0	6.5	--
Breweries, wineries, and distilleries.....	31212,3,4	38.4	36.4	40.1	38.5	--	4.9	3.6	3.7	3.9	--
Textile mills.....	313	41.2	40.1	38.6	38.9	36.5	4.5	4.3	3.7	3.7	--
Fiber, yarn, and thread mills.....	3131	41.0	39.7	37.3	37.3	--	4.7	4.4	2.6	3.0	--
Fabric mills.....	3132	41.8	40.9	39.9	40.0	--	4.8	4.7	4.0	3.9	--
Broadwoven fabric mills.....	31321	41.2	41.2	39.6	39.9	--	4.9	5.2	4.0	3.9	--
Textile and fabric finishing mills.....	3133	40.1	38.8	37.4	38.1	--	3.7	3.6	4.0	3.8	--
Broadwoven fabric finishing mills.....	313311	41.4	39.8	39.4	39.8	--	4.4	4.2	4.8	4.7	--
Textile product mills.....	314	40.2	38.9	38.9	39.5	39.7	3.6	3.4	2.9	2.7	--
Textile furnishings mills.....	3141	40.9	39.1	38.9	40.2	--	3.3	3.1	2.4	2.9	--
Curtain and linen mills.....	31412	39.9	37.4	37.6	38.8	--	3.2	3.1	3.4	3.7	--
Other textile product mills.....	3149	39.0	38.4	38.9	38.4	--	4.0	3.9	3.7	2.3	--
Textile bag and canvas mills.....	31491	40.8	40.3	41.9	41.1	--	4.7	4.1	5.0	3.9	--
All other textile product mills.....	31499	37.9	37.3	37.2	36.8	--	3.6	3.7	3.0	1.3	--
Apparel.....	315	37.6	37.1	35.5	35.6	34.3	2.5	2.5	1.8	1.9	--
Apparel knitting mills.....	3151	39.8	38.5	36.6	37.3	--	3.0	2.9	2.1	2.2	--
Hosiery and sock mills.....	31511	39.4	38.8	37.5	37.7	--	3.0	3.0	2.1	2.2	--
Sheer hosiery mills.....	315111	39.3	38.2	35.1	36.5	--	--	--	--	--	--
Other hosiery and sock mills.....	315119	39.5	39.1	38.8	38.3	--	3.1	3.1	2.3	2.2	--
Cut and sew apparel.....	3152	37.3	36.9	35.2	35.1	--	2.5	2.4	1.9	1.9	--
Cut and sew apparel contractors.....	31521	36.8	35.9	34.8	34.8	--	2.4	2.2	2.0	2.1	--
Men's cut and sew apparel contractors.....	315211	37.2	35.3	33.2	34.5	--	1.9	1.7	1.8	1.9	--
Women's cut and sew apparel contractors.....	315212	36.7	36.1	35.3	34.9	--	2.5	2.3	2.0	2.1	--
Men's cut and sew apparel.....	31522	38.3	38.6	34.2	34.1	--	1.4	1.6	0.8	1.0	--
Women's cut and sew apparel.....	31523	37.5	36.4	36.7	36.3	--	4.2	3.9	3.0	3.1	--
Accessories and other apparel.....	3159	37.0	37.2	36.7	37.7	--	1.7	1.9	0.6	1.3	--
Leather and allied products.....	316	37.6	36.4	39.2	39.1	39.0	3.2	2.7	2.5	2.4	--
Footwear.....	3162	38.3	37.1	39.0	38.7	--	--	--	--	--	--
Leather and hide tanning and finishing and other leather products.....	3161,9	37.1	35.9	39.3	39.5	--	3.7	3.4	3.5	3.5	--
Paper and paper products.....	322	42.0	41.6	41.1	41.4	41.1	5.3	5.4	4.7	4.8	--
Pulp, paper, and paperboard mills.....	3221	43.8	42.7	42.7	42.7	--	6.8	6.8	6.4	6.2	--
Pulp mills and paper mills.....	32211,2	44.3	43.5	42.1	42.0	--	6.8	6.8	5.9	5.7	--
Paperboard mills.....	32213	42.2	40.3	44.5	45.0	--	6.9	6.8	7.9	7.6	--
Converted paper products.....	3222	41.2	41.0	40.3	40.8	--	4.6	4.8	4.0	4.2	--
Paperboard containers.....	32221	41.5	41.2	40.4	41.5	--	4.7	4.9	4.0	4.5	--
Corrugated and solid fiber boxes.....	322211	41.7	41.7	41.0	42.4	--	4.9	5.1	4.3	4.9	--
Folding paperboard boxes.....	322212	40.9	41.2	39.4	40.5	--	5.1	6.0	3.7	4.0	--
Miscellaneous paperboard containers.....	322213,4,5	41.7	39.7	39.7	39.8	--	3.5	3.3	3.3	3.6	--
Paper bags and coated and treated paper.....	32222	41.1	40.7	40.4	39.8	--	4.5	4.7	4.0	4.0	--
Coated and laminated package materials and paper.....	322221,2	40.9	40.0	40.8	40.3	--	4.7	4.5	4.4	4.5	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Nondurable goods-Continued											
Frozen specialty food.....	311412	\$11.69	\$12.17	\$10.87	\$11.03	--	\$487.47	\$484.37	\$467.41	\$466.57	--
Fruit and vegetable canning and drying.....	31142	13.72	13.83	14.23	14.12	--	539.20	550.43	569.20	557.74	--
Fruit and vegetable canning.....	311421	13.28	13.45	14.03	14.02	--	516.59	527.24	559.80	550.99	--
Dried and dehydrated food.....	311423	12.55	12.48	13.22	12.84	--	514.55	502.94	564.49	567.53	--
Dairy products.....	3115	15.75	15.82	16.05	16.13	--	639.45	637.55	656.45	654.88	--
Dairy products, except frozen.....	31151	15.89	15.98	16.19	16.29	--	646.72	645.59	658.93	661.37	--
Fluid milk.....	311511	17.32	17.48	17.40	17.44	--	701.46	723.67	711.66	716.78	--
Animal slaughtering and processing.....	3116	10.88	10.98	11.20	11.25	--	441.73	445.79	448.00	452.25	--
Animal, except poultry, slaughtering.....	311611	11.20	11.29	11.70	11.79	--	463.68	469.66	464.49	471.60	--
Meat processed from carcasses, and rendering and meat byproduct processing.....	311612,3	12.01	12.18	12.48	12.67	--	515.23	504.25	516.67	522.00	--
Poultry processing.....	311615	10.15	10.22	10.27	10.23	--	397.88	404.71	405.67	407.15	--
Seafood product preparation and packaging.....	3117	9.64	9.77	10.23	10.09	--	344.15	347.81	326.34	333.98	--
Bakeries and tortilla manufacturing.....	3118	12.26	12.46	12.45	12.46	--	457.30	449.81	450.69	459.77	--
Bread and bakery products.....	31181	11.99	12.18	12.30	12.24	--	434.04	423.86	434.19	439.42	--
Retail bakeries.....	311811	8.75	8.83	9.34	9.37	--	254.63	245.47	263.39	275.48	--
Commercial bakeries and frozen cakes and other pastry products.....	311812,3	13.33	13.55	13.59	13.53	--	537.20	525.74	539.52	539.85	--
Cookies, crackers, pasta, and tortillas.....	31182,3	12.91	13.09	12.83	12.98	--	517.69	518.36	493.96	514.01	--
Other food products.....	3119	12.78	12.77	12.60	12.40	--	499.70	503.14	486.36	477.40	--
Snack food.....	31191	11.87	11.98	11.20	11.05	--	451.06	456.44	424.48	415.48	--
Miscellaneous food products.....	31192,3,4,9	13.20	13.13	13.36	13.15	--	522.72	525.20	521.04	512.85	--
Beverages and tobacco products.....	312	17.74	17.71	17.93	17.51	\$17.84	716.70	711.94	704.65	691.65	\$701.11
Beverages.....	3121	17.36	17.00	17.05	16.68	--	699.61	685.10	671.77	658.86	--
Soft drinks and ice.....	31211	15.28	15.04	14.71	14.63	--	632.59	640.70	573.69	585.20	--
Soft drinks.....	312111	15.97	15.58	15.31	16.21	--	653.17	652.80	636.90	682.44	--
Breweries, wineries, and distilleries.....	31212,3,4	21.21	20.92	21.23	20.47	--	814.46	761.49	851.32	788.10	--
Textile mills.....	313	11.72	11.82	11.95	11.93	11.95	482.86	473.98	461.27	464.08	436.18
Fiber, yarn, and thread mills.....	3131	11.29	11.50	11.27	11.41	--	462.89	456.55	420.37	425.59	--
Fabric mills.....	3132	11.96	12.04	12.27	12.23	--	499.93	492.44	489.57	489.20	--
Broadwoven fabric mills.....	31321	12.03	12.14	12.19	12.14	--	495.64	500.17	482.72	484.39	--
Textile and fabric finishing mills.....	3133	11.61	11.66	11.90	11.76	--	465.56	452.41	445.06	448.06	--
Broadwoven fabric finishing mills.....	313311	11.59	11.68	11.82	11.73	--	479.83	464.86	465.71	466.85	--
Textile product mills.....	314	10.90	11.08	11.13	11.18	11.31	438.18	431.01	432.96	441.61	449.01
Textile furnishings mills.....	3141	11.13	11.38	11.33	11.37	--	455.22	444.96	440.74	457.07	--
Curtain and linen mills.....	31412	10.53	10.59	10.62	10.59	--	420.15	396.07	399.31	410.89	--
Other textile product mills.....	3149	10.49	10.54	10.83	10.89	--	409.11	404.74	421.29	418.18	--
Textile bag and canvas mills.....	31491	10.31	10.36	11.03	11.06	--	420.65	417.51	462.16	454.57	--
All other textile product mills.....	31499	10.61	10.66	10.70	10.77	--	402.12	397.62	398.04	396.34	--
Apparel.....	315	9.05	9.14	9.49	9.46	9.62	340.28	339.09	336.90	336.78	329.97
Apparel knitting mills.....	3151	10.03	10.08	10.37	10.35	--	399.19	388.08	379.54	386.06	--
Hosiery and sock mills.....	31511	10.13	10.19	10.39	10.44	--	399.12	395.37	389.63	393.59	--
Sheer hosiery mills.....	315111	9.81	9.68	10.23	10.25	--	385.53	369.78	359.07	374.13	--
Other hosiery and sock mills.....	315119	10.30	10.45	10.47	10.54	--	406.85	408.60	406.24	403.68	--
Cut and sew apparel.....	3152	8.82	8.93	9.32	9.28	--	328.99	329.52	328.06	325.73	--
Cut and sew apparel contractors.....	31521	8.20	8.27	8.77	8.76	--	301.76	296.89	305.20	304.85	--
Men's cut and sew apparel contractors.....	315211	8.99	8.95	9.23	9.23	--	334.43	315.94	306.44	318.44	--
Women's cut and sew apparel contractors.....	315212	7.94	8.06	8.63	8.62	--	291.40	290.97	304.64	300.84	--
Men's cut and sew apparel.....	31522	8.87	9.04	9.44	9.30	--	339.72	348.94	322.85	317.13	--
Women's cut and sew apparel.....	31523	9.79	9.94	9.92	10.05	--	367.13	361.82	364.06	364.82	--
Accessories and other apparel.....	3159	9.52	9.42	9.57	9.63	--	352.24	350.42	351.22	363.05	--
Leather and allied products.....	316	10.91	11.11	11.71	11.60	11.52	410.22	404.40	459.03	453.56	449.28
Footwear.....	3162	10.27	10.34	10.74	10.68	--	393.34	383.61	418.86	413.32	--
Leather and hide tanning and finishing and other leather products.....	3161,9	11.46	11.76	12.50	12.36	--	425.17	422.18	491.25	488.22	--
Paper and paper products.....	322	16.89	17.13	17.38	17.30	17.56	709.38	712.61	714.32	716.22	721.72
Pulp, paper, and paperboard mills.....	3221	21.98	22.38	22.59	22.39	--	962.72	955.63	964.59	956.05	--
Pulp mills and paper mills.....	32211,2	22.09	22.47	22.76	22.61	--	978.59	977.45	958.20	949.62	--
Paperboard mills.....	32213	21.60	22.08	22.10	21.76	--	911.52	889.82	983.45	979.20	--
Converted paper products.....	3222	14.50	14.68	14.85	14.86	--	597.40	601.88	598.46	606.29	--
Paperboard containers.....	32221	14.36	14.54	14.79	14.77	--	595.94	599.05	597.52	612.96	--
Corrugated and solid fiber boxes.....	322211	14.73	14.80	14.83	14.73	--	614.24	617.16	608.03	624.55	--
Folding paperboard boxes.....	322212	15.16	15.58	15.78	15.86	--	620.04	641.90	621.73	642.33	--
Miscellaneous paperboard containers.....	322213,4,5	12.37	12.57	13.48	13.52	--	515.83	499.03	535.16	538.10	--
Paper bags and coated and treated paper.....	32222	14.87	15.09	15.35	15.53	--	611.16	614.16	620.14	618.09	--
Coated and laminated package materials and paper.....	322221,2	16.05	16.30	16.18	16.37	--	656.45	652.00	660.14	659.71	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^p	July 2003 ^p	June 2002	July 2002	May 2003	June 2003 ^p	July 2003 ^p
Nondurable goods—Continued											
Miscellaneous coated and treated paper and paper bags	322223,4,5,6	41.3	41.7	39.8	39.0	--	4.3	4.9	3.2	3.0	--
Stationery products	32223	40.0	39.8	38.3	38.0	--	3.6	3.9	2.9	2.6	--
Other converted paper products	32229	41.2	41.7	41.1	41.2	--	5.0	5.3	4.5	4.8	--
Printing and related support activities	323	38.3	37.9	37.6	37.9	37.7	3.2	3.2	2.8	2.8	--
Commercial lithograph printing	323110	38.6	38.3	38.1	38.4	--	3.7	3.5	3.5	3.5	--
Commercial flexographic printing	323112	39.4	38.9	37.2	37.4	--	3.8	3.1	1.6	2.1	--
Commercial screen printing	323113	38.6	38.2	37.7	38.3	--	4.2	4.0	3.8	3.2	--
Quick printing	323114	37.4	36.1	33.9	34.8	--	2.1	1.7	1.3	1.0	--
Manifold business forms printing	323116	38.3	37.1	38.5	38.8	--	--	--	--	--	--
Miscellaneous commercial printing	323115,7,8,9	37.8	38.4	37.9	37.6	--	2.6	3.2	2.7	2.6	--
Support activities for printing	32312	37.6	37.5	37.8	38.2	--	2.8	2.6	2.6	3.1	--
Petroleum and coal products	324	43.4	43.3	43.1	44.5	44.6	7.1	6.8	7.3	7.5	--
Petroleum refineries	32411	44.2	44.3	44.3	46.0	--	7.4	7.0	7.3	7.9	--
Asphalt paving and roofing materials and other petroleum and coal products	32412,9	42.4	41.9	41.4	42.4	--	6.6	6.5	7.4	7.0	--
Chemicals	325	42.6	42.0	42.1	42.4	41.8	4.7	4.8	4.2	4.4	--
Basic chemicals	3251	44.3	44.5	44.6	45.1	--	6.1	6.4	6.1	6.9	--
Other basic inorganic chemicals	32518	43.5	43.6	42.7	43.3	--	5.9	6.4	5.7	6.6	--
Resin, rubber, and artificial fibers	3252	42.1	40.7	42.0	40.7	--	5.2	4.9	5.1	4.8	--
Resin and synthetic rubber	32521	42.6	41.5	42.9	42.4	--	5.4	5.2	5.6	5.4	--
Plastics material and resin	325211	42.9	42.1	43.3	43.0	--	5.5	5.4	5.6	5.3	--
Agricultural chemicals	3253	45.3	44.4	45.7	46.1	--	3.0	2.9	6.2	6.6	--
Pharmaceuticals and medicines	3254	42.9	42.1	42.2	43.3	--	4.7	4.7	3.3	3.4	--
Pharmaceutical preparations	325412	43.2	42.3	43.3	44.5	--	4.7	4.6	3.1	3.4	--
Miscellaneous medicinal and biological products	325411,3,4	41.8	41.4	38.4	39.2	--	4.5	5.1	3.9	3.5	--
Paints, coatings, and adhesives	3255	42.2	42.2	41.2	41.1	--	4.4	4.9	3.5	3.3	--
Paints and coatings	32551	42.4	43.9	41.0	41.6	--	5.5	6.6	3.8	3.0	--
Soaps, cleaning compounds, and toiletries	3256	40.2	39.6	39.0	39.8	--	3.4	3.3	2.6	2.7	--
Soaps and cleaning compounds	32561	39.2	38.8	37.3	38.0	--	3.4	3.4	1.9	2.0	--
Polishes and other sanitation goods and surface active agents	325612,3	38.3	37.1	36.5	37.6	--	3.7	3.4	1.5	1.8	--
Toilet preparations	32562	41.2	40.5	40.9	41.8	--	3.4	3.1	3.5	3.4	--
Other chemical products and preparations	3259	42.0	41.1	41.0	41.0	--	4.7	4.8	3.9	3.7	--
Plastics and rubber products	326	41.2	40.0	40.4	40.4	39.1	4.4	4.0	3.9	3.9	--
Plastics products	3261	40.9	39.9	40.1	40.0	--	4.2	4.0	3.7	3.7	--
Plastics packaging materials, film, and sheet	32611	41.7	41.1	41.3	40.5	--	5.7	5.9	4.5	4.4	--
Nonpackaging plastics film and sheet	326113	42.3	41.9	41.0	40.6	--	5.5	5.7	4.1	3.9	--
Plastics pipe, fittings, and profile shapes	32612	41.6	41.0	39.9	40.0	--	5.1	4.9	4.6	4.3	--
Unlaminated plastics profile shapes	326121	43.0	42.4	40.7	40.6	--	5.9	5.9	5.4	5.2	--
Plastics pipe and pipe fittings	326122	40.3	39.7	39.2	39.5	--	4.3	4.0	3.9	3.4	--
Foam products	32614,5	43.1	41.7	40.5	40.4	--	4.8	4.2	3.7	3.6	--
Plastics bottles and laminated plastics plate, sheet, and shapes	32613,6	42.6	42.4	41.3	41.1	--	4.4	4.6	4.0	4.0	--
Other plastics products	32619	40.1	38.9	39.6	39.6	--	3.7	3.3	3.4	3.4	--
Rubber products	3262	42.0	40.0	41.4	42.0	--	4.7	4.1	4.4	4.9	--
Tires	32621	43.3	41.7	42.7	43.4	--	--	--	--	--	--
Other rubber products	32629	41.3	38.6	40.0	40.6	--	4.8	3.6	3.6	4.2	--
Rubber products for mechanical use	326291	42.8	39.2	41.1	41.5	--	5.4	3.8	3.9	4.4	--
All other rubber products	326299	39.2	37.8	38.4	39.3	--	4.0	3.2	3.2	3.9	--
Private service-providing		33.0	32.6	32.3	32.8	32.5	--	--	--	--	--
Trade, transportation, and utilities		34.3	34.0	33.4	34.0	33.8	--	--	--	--	--
Wholesale trade	42	38.6	37.9	37.8	38.3	37.6	--	--	--	--	--
Durable goods	423	39.0	38.3	38.3	38.7	--	--	--	--	--	--
Motor vehicles and parts	4231	38.0	37.8	37.6	37.6	--	--	--	--	--	--
Motor vehicles	42311	37.1	37.1	35.4	35.9	--	--	--	--	--	--
New motor vehicle parts	42312	37.9	38.1	38.9	38.5	--	--	--	--	--	--
Furniture and furnishings	4232	39.6	38.6	37.0	36.5	--	--	--	--	--	--
Home furnishings	42322	40.8	39.9	35.0	35.2	--	--	--	--	--	--
Lumber and construction supplies	4233	40.7	40.6	40.1	40.6	--	--	--	--	--	--
Lumber and wood	42331	40.1	40.3	40.0	40.5	--	--	--	--	--	--
Masonry materials	42332	42.7	42.6	40.2	40.7	--	--	--	--	--	--
Roofing, siding, and other construction materials	42333,9	40.2	39.5	40.4	40.7	--	--	--	--	--	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Nondurable goods—Continued											
Miscellaneous coated and treated paper and paper bags	322223,4,5,6	\$13.02	\$13.24	\$13.90	\$14.02	--	\$537.73	\$552.11	\$553.22	\$546.78	--
Stationery products	32223	14.40	14.54	14.82	14.67	--	576.00	578.69	567.61	557.46	--
Other converted paper products	32229	14.54	14.70	14.41	14.38	--	599.05	612.99	592.25	592.46	--
Printing and related support activities	323	14.78	14.85	15.26	15.27	\$15.47	566.07	562.82	573.78	578.73	\$583.22
Commercial lithograph printing	323110	16.15	16.35	16.51	16.51	--	623.39	626.21	629.03	633.98	--
Commercial flexographic printing	323112	15.18	14.94	15.12	15.29	--	598.09	581.17	562.46	571.85	--
Commercial screen printing	323113	11.28	11.38	12.16	12.07	--	435.41	434.72	458.43	462.28	--
Quick printing	323114	13.01	13.07	13.97	14.01	--	486.57	471.83	473.58	487.55	--
Manifold business forms printing	323116	14.55	14.66	15.01	15.14	--	557.27	543.89	577.89	587.43	--
Miscellaneous commercial printing	323115,7,8,9	14.38	14.41	14.66	14.62	--	543.56	553.34	555.61	549.71	--
Support activities for printing	32312	15.34	15.08	15.58	15.68	--	576.78	565.50	588.92	598.98	--
Petroleum and coal products	324	22.78	22.88	23.36	23.54	23.35	988.65	990.70	1,006.82	1,047.53	1,041.41
Petroleum refineries	32411	26.49	26.35	26.83	27.11	--	1,170.86	1,167.31	1,188.57	1,247.06	--
Asphalt paving and roofing materials and other petroleum and coal products	32412,9	17.38	17.70	18.03	18.17	--	736.91	741.63	746.44	770.41	--
Chemicals	325	17.90	18.02	18.46	18.56	18.59	762.54	756.84	777.17	786.94	777.06
Basic chemicals	3251	21.65	21.72	22.12	22.58	--	959.10	966.54	986.55	1,018.36	--
Other basic inorganic chemicals	32518	21.89	21.90	23.42	24.03	--	952.22	954.84	1,000.03	1,040.50	--
Resin, rubber, and artificial fibers	3252	17.83	18.09	17.95	18.06	--	750.64	736.26	753.90	735.04	--
Resin and synthetic rubber	32521	19.69	19.92	19.27	19.37	--	838.79	826.68	826.68	821.29	--
Plastics material and resin	325211	20.05	20.19	19.56	19.70	--	860.15	850.00	846.95	847.10	--
Agricultural chemicals	3253	18.82	19.09	17.57	18.09	--	852.55	847.60	802.95	833.95	--
Pharmaceuticals and medicines	3254	18.28	18.14	19.72	19.81	--	784.21	763.69	832.18	857.77	--
Pharmaceutical preparations	325412	18.55	18.28	20.20	20.31	--	801.36	773.24	874.66	903.80	--
Miscellaneous medicinal and biological products	325411,3,4	17.41	17.71	17.88	17.88	--	727.74	733.19	686.59	700.90	--
Paints, coatings, and adhesives	3255	15.57	15.92	15.93	15.73	--	657.05	671.82	656.32	646.50	--
Paints and coatings	32551	16.47	16.91	16.66	16.43	--	698.33	742.35	683.06	683.49	--
Soaps, cleaning compounds, and toiletries	3256	14.20	14.43	14.26	14.20	--	570.84	571.43	556.14	565.16	--
Soaps and cleaning compounds	32561	14.23	14.59	13.65	13.83	--	557.82	566.09	509.15	525.54	--
Polishes and other sanitation goods and surface active agents	325612,3	12.57	12.85	12.81	13.00	--	481.43	476.74	467.57	488.80	--
Toilet preparations	32562	14.17	14.26	14.89	14.59	--	583.80	577.53	609.00	609.86	--
Other chemical products and preparations	3259	16.39	16.46	17.02	16.71	--	688.38	676.51	697.82	685.11	--
Plastics and rubber products	326	13.43	13.59	14.09	14.17	14.34	553.32	543.60	569.24	572.47	560.69
Plastics products	3261	12.73	12.88	13.32	13.39	--	520.66	513.91	534.13	535.60	--
Plastics packaging materials, film, and sheet	32611	14.55	14.86	15.14	15.36	--	606.74	610.75	625.28	622.08	--
Nonpackaging plastics film and sheet	326113	14.77	15.08	15.26	15.34	--	624.77	631.85	625.66	622.80	--
Plastics pipe, fittings, and profile shapes	32612	14.01	14.13	14.00	13.82	--	582.82	579.33	558.60	552.80	--
Unlaminated plastics profile shapes	326121	14.92	14.99	15.05	14.84	--	641.56	635.58	612.54	602.50	--
Plastics pipe and pipe fittings	326122	13.15	13.32	12.96	12.81	--	529.95	528.80	508.03	506.00	--
Foam products	32614,5	12.56	12.67	12.96	13.06	--	541.34	528.34	524.88	527.62	--
Plastics bottles and laminated plastics plate, sheet, and shapes	32613,6	13.80	13.93	14.84	15.00	--	587.88	590.63	612.89	616.50	--
Other plastics products	32619	11.98	12.09	12.60	12.67	--	480.40	470.30	498.96	501.73	--
Rubber products	3262	15.88	16.15	16.79	16.86	--	666.96	646.00	695.11	708.12	--
Tires	32621	19.27	19.70	21.16	21.41	--	834.39	821.49	903.53	929.19	--
Other rubber products	32629	13.44	13.45	13.70	13.67	--	555.07	519.17	548.00	555.00	--
Rubber products for mechanical use	326291	13.63	13.70	13.87	13.79	--	583.36	537.04	570.06	572.29	--
All other rubber products	326299	13.15	13.07	13.43	13.48	--	515.48	494.05	515.71	529.76	--
Private service-providing		14.49	14.44	14.92	14.95	14.90	478.17	470.74	481.92	490.36	484.25
Trade, transportation, and utilities		13.99	13.92	14.28	14.33	14.31	479.86	473.28	476.95	487.22	483.68
Wholesale trade	42	16.93	16.89	17.24	17.33	17.28	653.50	640.13	651.67	663.74	649.73
Durable goods	423	17.57	17.52	17.75	17.89	--	685.23	671.02	679.83	692.34	--
Motor vehicles and parts	4231	15.38	15.53	15.82	15.77	--	584.44	587.03	594.83	592.95	--
Motor vehicles	42311	16.86	17.14	17.10	16.99	--	625.51	635.89	605.34	609.94	--
New motor vehicle parts	42312	14.55	14.63	14.85	14.95	--	551.45	557.40	577.67	575.58	--
Furniture and furnishings	4232	16.16	16.49	15.04	15.18	--	639.94	636.51	556.48	554.07	--
Home furnishings	42322	18.49	18.93	16.11	16.14	--	754.39	755.31	563.85	568.13	--
Lumber and construction supplies	4233	15.09	15.00	15.43	15.49	--	614.16	609.00	618.74	628.89	--
Lumber and wood	42331	14.84	14.71	15.25	15.42	--	595.08	592.81	610.00	624.51	--
Masonry materials	42332	16.18	16.10	16.38	16.30	--	690.89	685.86	658.48	663.41	--
Roofing, siding, and other construction materials	42333,9	14.53	14.56	14.90	14.88	--	584.11	575.12	601.96	605.62	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Wholesale trade—Continued											
Commercial equipment.....	4234	38.6	37.3	37.5	38.3	--	--	--	--	--	--
Office equipment.....	42342	38.9	36.5	36.8	37.6	--	--	--	--	--	--
Computer and software.....	42343	38.5	37.3	37.2	37.5	--	--	--	--	--	--
Medical equipment.....	42345	38.5	37.4	37.7	39.4	--	--	--	--	--	--
Miscellaneous professional and commercial equipment.....	42341,4,6,9	38.7	38.0	38.6	39.5	--	--	--	--	--	--
Metals and minerals.....	4235	40.8	40.1	39.8	39.7	--	--	--	--	--	--
Electric goods.....	4236	39.4	38.7	39.6	39.7	--	--	--	--	--	--
Electrical equipment and wiring.....	42361	39.8	38.8	39.3	40.1	--	--	--	--	--	--
Electric appliances and other electronic parts.....	42362,9	39.1	38.7	39.8	39.3	--	--	--	--	--	--
Hardware and plumbing.....	4237	39.5	39.5	38.9	39.4	--	--	--	--	--	--
Hardware.....	42371	38.5	39.3	37.9	38.6	--	--	--	--	--	--
Plumbing equipment.....	42372	39.6	38.8	39.4	39.4	--	--	--	--	--	--
HVAC and refrigeration equipment.....	42373,4	40.6	40.4	39.5	40.4	--	--	--	--	--	--
Machinery and supplies.....	4238	39.0	38.3	38.4	39.2	--	--	--	--	--	--
Construction equipment.....	42381	39.4	38.4	40.4	41.3	--	--	--	--	--	--
Farm and garden equipment.....	42382	40.1	38.8	38.4	40.0	--	--	--	--	--	--
Industrial machinery.....	42383	39.7	39.3	38.2	38.8	--	--	--	--	--	--
Industrial supplies.....	42384	39.2	38.2	39.8	41.3	--	--	--	--	--	--
Service establishment equipment.....	42385	34.0	33.3	35.5	36.1	--	--	--	--	--	--
Miscellaneous durable goods.....	4239	37.3	37.2	37.1	37.0	--	--	--	--	--	--
Recyclable materials.....	42393	38.5	37.8	39.4	39.2	--	--	--	--	--	--
Toy, hobby, and other durable goods.....	42392,9	36.6	37.0	37.2	37.0	--	--	--	--	--	--
Nondurable goods.....	424	38.7	38.2	38.0	38.3	--	--	--	--	--	--
Paper and paper products.....	4241	35.6	34.5	36.9	36.9	--	--	--	--	--	--
Printing and writing paper and office supplies.....	42411,2	31.9	30.4	35.2	34.4	--	--	--	--	--	--
Industrial paper.....	42413	40.7	40.2	39.3	40.3	--	--	--	--	--	--
Druggists' goods.....	4242	39.4	38.1	37.2	37.5	--	--	--	--	--	--
Apparel and piece goods.....	4243	37.4	37.0	37.4	38.0	--	--	--	--	--	--
Grocery and related products.....	4244	40.1	39.9	39.1	39.5	--	--	--	--	--	--
General line grocery.....	42441	39.7	39.3	38.6	39.0	--	--	--	--	--	--
Fruits and vegetables.....	42448	41.5	41.0	39.6	39.9	--	--	--	--	--	--
Farm product raw materials.....	4245	37.5	36.4	37.9	38.7	--	--	--	--	--	--
Grains and field beans.....	42451	41.9	40.4	42.0	42.8	--	--	--	--	--	--
Chemicals.....	4246	41.5	41.0	39.6	40.2	--	--	--	--	--	--
Other chemicals.....	42469	42.0	41.2	39.6	40.7	--	--	--	--	--	--
Petroleum.....	4247	36.7	37.0	35.5	37.0	--	--	--	--	--	--
Alcoholic beverages.....	4248	37.2	37.7	37.2	37.7	--	--	--	--	--	--
Beer and ale.....	42481	37.0	37.4	37.0	37.5	--	--	--	--	--	--
Misc. nondurable goods.....	4249	38.0	37.1	37.6	37.3	--	--	--	--	--	--
Farm supplies.....	42491	39.9	38.5	39.5	40.3	--	--	--	--	--	--
Paint, painting supplies, and other nondurable goods.....	42495,9	35.9	35.3	35.2	35.5	--	--	--	--	--	--
Electronic markets and agents and brokers.....	425	36.3	34.9	35.0	35.9	--	--	--	--	--	--
Business to business electronic markets.....	42511	34.1	32.9	31.4	30.9	--	--	--	--	--	--
Wholesale trade agents and brokers.....	42512	36.7	35.2	35.5	36.6	--	--	--	--	--	--
Retail trade.....	44,45	31.6	31.7	30.8	31.4	31.3	--	--	--	--	--
Motor vehicle and parts dealers.....	441	36.0	35.5	35.2	35.8	--	--	--	--	--	--
Automobile dealers.....	4411	35.4	34.9	35.0	35.6	--	--	--	--	--	--
New car dealers.....	44111	35.5	35.0	35.1	35.7	--	--	--	--	--	--
Used car dealers.....	44112	34.3	33.5	33.4	35.0	--	--	--	--	--	--
Other motor vehicle dealers.....	4412	35.8	35.0	35.5	35.4	--	--	--	--	--	--
Motorcycle, boat, and other vehicle dealers.....	44122	35.9	35.1	36.4	36.0	--	--	--	--	--	--
Auto parts, accessories, and tire stores.....	4413	37.7	37.2	35.8	36.4	--	--	--	--	--	--
Automotive parts and accessories stores.....	44131	36.7	36.4	35.3	35.7	--	--	--	--	--	--
Tire dealers.....	44132	39.8	39.0	36.9	38.0	--	--	--	--	--	--
Furniture and home furnishings stores.....	442	31.4	31.5	30.5	31.1	--	--	--	--	--	--
Furniture stores.....	4421	32.1	32.3	30.6	31.6	--	--	--	--	--	--
Home furnishings stores.....	4422	30.6	30.6	30.4	30.7	--	--	--	--	--	--
Floor covering stores.....	44221	36.3	35.5	35.8	35.4	--	--	--	--	--	--
Other home furnishings stores.....	44229	27.1	27.5	26.9	27.5	--	--	--	--	--	--
Electronics and appliance stores.....	443	32.7	31.9	30.4	30.7	--	--	--	--	--	--
Appliance, TV, and other electronics stores.....	44311	33.0	32.6	31.0	31.5	--	--	--	--	--	--
Household appliance stores.....	443111	34.2	33.4	32.9	33.1	--	--	--	--	--	--
Radio, TV, and other electronics stores.....	443112	32.6	32.3	30.4	31.0	--	--	--	--	--	--
Computer, software, camera, and photography supply stores.....	44312,3	32.1	30.6	29.3	29.3	--	--	--	--	--	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Wholesale trade-Continued											
Commercial equipment.....	4234	\$21.59	\$21.55	\$21.77	\$22.03	--	\$833.37	\$803.82	\$816.38	\$843.75	--
Office equipment.....	42342	18.67	18.79	18.64	18.49	--	726.26	685.84	685.95	695.22	--
Computer and software.....	42343	26.55	26.42	25.94	26.30	--	1,022.18	985.47	964.97	986.25	--
Medical equipment.....	42345	18.85	18.54	20.02	20.35	--	725.73	693.40	754.75	801.79	--
Miscellaneous professional and commercial equipment.....	42341,4,6,9	16.32	16.76	17.59	18.13	--	631.58	636.88	678.97	716.14	--
Metals and minerals.....	4235	16.51	16.35	16.14	16.28	--	673.61	655.64	642.37	646.32	--
Electric goods.....	4236	18.66	18.71	19.97	20.18	--	735.20	724.08	790.81	801.15	--
Electrical equipment and wiring.....	42361	18.07	18.10	19.01	19.17	--	719.19	702.28	747.09	768.72	--
Electric appliances and other electronic parts.....	42362,9	19.16	19.23	20.76	21.07	--	749.16	744.20	826.25	828.05	--
Hardware and plumbing.....	4237	16.10	16.08	16.27	16.58	--	635.95	635.16	632.90	653.25	--
Hardware.....	42371	14.82	14.61	14.63	14.61	--	570.57	574.17	554.48	563.95	--
Plumbing equipment.....	42372	15.18	15.19	15.96	16.41	--	601.13	589.37	628.82	646.55	--
HVAC and refrigeration equipment.....	42373,4	18.50	18.64	18.28	18.76	--	751.10	753.06	722.06	757.90	--
Machinery and supplies.....	4238	17.45	17.32	17.34	17.45	--	680.55	663.36	665.86	684.04	--
Construction equipment.....	42381	18.69	18.74	18.21	18.64	--	736.39	719.62	735.68	769.83	--
Farm and garden equipment.....	42382	13.39	13.29	13.61	14.05	--	536.94	515.65	522.62	562.00	--
Industrial machinery.....	42383	18.78	18.48	18.73	18.87	--	745.57	726.26	715.49	732.16	--
Industrial supplies.....	42384	15.94	15.84	16.10	15.87	--	624.85	605.09	640.78	655.43	--
Service establishment equipment.....	42385	17.86	18.11	17.12	17.00	--	607.24	603.06	607.76	613.70	--
Miscellaneous durable goods.....	4239	13.90	13.93	14.04	14.06	--	518.47	518.20	520.88	520.22	--
Recyclable materials.....	42393	12.60	12.71	12.61	12.51	--	485.10	480.44	496.83	490.39	--
Toy, hobby, and other durable goods.....	42392,9	15.47	15.30	16.28	16.56	--	566.20	566.10	605.62	612.72	--
Nondurable goods											
Paper and paper products.....	424	15.03	15.01	15.65	15.61	--	581.66	573.38	594.70	597.86	--
Printing and writing paper and office supplies.....	4241	15.66	15.50	16.11	16.05	--	557.50	534.75	594.46	592.25	--
Industrial paper.....	42411,2	14.49	14.44	15.25	15.32	--	462.23	438.98	536.80	527.01	--
Druggists' goods.....	42413	16.94	16.62	17.17	16.87	--	689.46	668.12	674.78	679.86	--
Apparel and piece goods.....	4242	18.15	18.07	18.89	18.55	--	715.11	688.47	702.71	695.63	--
Grocery and related products.....	4243	15.12	14.95	15.44	15.40	--	565.49	553.15	577.46	585.20	--
General line grocery.....	4244	14.66	14.63	15.06	14.99	--	587.87	583.74	588.85	592.11	--
Fruits and vegetables.....	42441	16.65	16.67	17.10	17.09	--	661.01	655.13	660.06	666.51	--
Farm product raw materials.....	42448	12.51	12.51	13.57	13.63	--	519.17	512.91	537.37	543.84	--
Grains and field beans.....	4245	11.84	11.78	12.58	12.71	--	444.00	428.79	476.78	491.88	--
Chemicals.....	42451	12.41	12.24	12.79	12.75	--	519.98	494.50	537.18	545.70	--
Other chemicals.....	4246	18.22	18.36	19.27	19.47	--	756.13	752.76	763.09	782.69	--
Petroleum.....	42469	18.52	18.64	19.80	19.99	--	777.84	767.97	784.08	813.59	--
Alcoholic beverages.....	4247	14.58	14.49	15.05	15.21	--	535.09	536.13	534.28	562.77	--
Beer and ale.....	4248	16.87	16.78	17.97	17.67	--	627.56	632.61	668.48	666.16	--
Misc. nondurable goods.....	42481	16.81	16.79	17.05	16.89	--	621.97	627.95	630.85	633.38	--
Farm supplies.....	4249	12.63	12.70	13.52	13.62	--	479.94	471.17	508.35	508.03	--
Paint, painting supplies, and other nondurable goods.....	42491	13.29	13.39	13.54	13.36	--	530.27	515.52	534.83	538.41	--
Electronic markets and agents and brokers.....	42495,9	12.98	13.08	14.20	14.16	--	465.98	461.72	499.84	502.68	--
Business to business electronic markets.....	425	20.28	20.37	20.44	20.68	--	736.16	710.91	715.40	742.41	--
Wholesale trade agents and brokers.....	42511	15.50	15.74	17.05	17.16	--	528.55	517.85	535.37	530.24	--
	42512	21.02	21.08	20.90	21.12	--	771.43	742.02	741.95	772.99	--
Retail trade	44,45	11.65	11.60	11.88	11.91	\$11.90	368.14	367.72	365.90	373.97	\$372.47
Motor vehicle and parts dealers.....	441	16.00	15.82	15.94	16.16	--	576.00	561.61	561.09	578.53	--
Automobile dealers.....	4411	18.05	17.80	17.82	18.08	--	638.97	621.22	623.70	643.65	--
New car dealers.....	44111	18.44	18.14	18.18	18.46	--	654.62	634.90	638.12	659.02	--
Used car dealers.....	44112	13.10	13.36	13.27	13.52	--	449.33	447.56	443.22	473.20	--
Other motor vehicle dealers.....	4412	13.27	13.23	13.81	14.24	--	475.07	463.05	490.26	504.10	--
Motorcycle, boat, and other vehicle dealers.....	44122	13.18	13.19	13.59	13.67	--	473.16	462.97	494.68	492.12	--
Auto parts, accessories, and tire stores.....	4413	11.78	11.77	11.83	11.87	--	444.11	437.84	423.51	432.07	--
Automotive parts and accessories stores.....	44131	11.50	11.54	11.44	11.45	--	422.05	420.06	403.83	408.77	--
Tire dealers.....	44132	12.33	12.25	12.65	12.71	--	490.73	477.75	466.79	482.98	--
Furniture and home furnishings stores.....	442	13.19	13.06	13.29	13.33	--	414.17	411.39	405.35	414.56	--
Furniture stores.....	4421	14.43	14.23	14.34	14.34	--	463.20	459.63	438.80	453.14	--
Home furnishings stores.....	4422	11.74	11.70	12.08	12.17	--	359.24	358.02	367.23	373.62	--
Floor covering stores.....	44221	13.82	13.80	14.14	14.19	--	501.67	489.90	506.21	502.33	--
Other home furnishings stores.....	44229	10.03	10.02	10.34	10.45	--	271.81	275.55	278.15	287.38	--
Electronics and appliance stores.....	443	16.16	16.31	16.23	16.28	--	528.43	520.29	493.39	499.80	--
Appliance, TV, and other electronics stores.....	44311	14.85	15.02	15.11	15.23	--	490.05	489.65	468.41	479.75	--
Household appliance stores.....	443111	12.80	12.92	12.88	13.03	--	437.76	431.53	423.75	431.29	--
Radio, TV, and other electronics stores.....	443112	15.62	15.79	15.94	16.05	--	509.21	510.02	484.58	497.55	--
Computer, software, camera, and photography supply stores.....	44312,3	18.50	18.69	18.30	18.28	--	593.85	571.91	536.19	535.60	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Retail trade—Continued											
Building material and garden supply stores.....	444	37.1	36.9	36.3	37.0	--	--	--	--	--	--
Building material and supplies dealers.....	4441	37.6	37.4	36.7	37.6	--	--	--	--	--	--
Home centers.....	44411	38.3	38.3	37.4	38.5	--	--	--	--	--	--
Paint and wallpaper stores.....	44412	36.0	35.7	34.4	35.7	--	--	--	--	--	--
Hardware stores.....	44413	32.3	32.0	30.4	31.2	--	--	--	--	--	--
Other building material dealers.....	44419	39.7	39.4	39.8	40.0	--	--	--	--	--	--
Lawn and garden equipment and supplies stores.....	4442	34.1	33.7	33.4	33.5	--	--	--	--	--	--
Outdoor power equipment stores.....	44421	31.9	32.0	30.9	32.3	--	--	--	--	--	--
Nursery, garden, and farm supply stores.....	44422	34.6	34.1	33.9	33.7	--	--	--	--	--	--
Food and beverage stores.....	445	32.5	32.9	31.9	32.6	--	--	--	--	--	--
Grocery stores.....	4451	32.6	33.1	32.1	32.9	--	--	--	--	--	--
Supermarkets and other grocery stores.....	44511	32.8	33.3	32.3	33.1	--	--	--	--	--	--
Convenience stores.....	44512	29.1	29.3	29.0	29.2	--	--	--	--	--	--
Specialty food stores.....	4452	32.9	32.9	32.5	32.6	--	--	--	--	--	--
Meat markets and fish and seafood markets.....	44521,2	33.7	33.0	32.1	32.5	--	--	--	--	--	--
Fruit and vegetable markets.....	44523	31.9	32.4	34.9	34.4	--	--	--	--	--	--
Other specialty food stores.....	44529	32.8	33.0	31.9	32.0	--	--	--	--	--	--
Beer, wine, and liquor stores.....	4453	29.3	30.3	28.1	28.3	--	--	--	--	--	--
Health and personal care stores.....	446	31.1	30.7	29.2	29.5	--	--	--	--	--	--
Pharmacies and drug stores.....	44611	30.0	29.7	28.3	28.5	--	--	--	--	--	--
Optical goods stores.....	44613	31.7	31.2	31.7	32.8	--	--	--	--	--	--
Other health and personal care stores.....	44619	35.9	35.5	34.3	35.1	--	--	--	--	--	--
All other health and personal care stores.....	446199	39.0	39.3	37.0	38.2	--	--	--	--	--	--
Gasoline stations.....	447	31.3	31.3	30.6	31.1	--	--	--	--	--	--
Gasoline stations with convenience stores.....	44711	31.0	31.0	30.3	30.6	--	--	--	--	--	--
Other gasoline stations.....	44719	33.2	33.1	32.6	34.1	--	--	--	--	--	--
Clothing and clothing accessories stores.....	448	25.7	25.4	24.4	24.9	--	--	--	--	--	--
Clothing stores.....	4481	24.7	24.5	23.7	24.3	--	--	--	--	--	--
Men's clothing stores.....	44811	28.7	28.5	28.9	29.3	--	--	--	--	--	--
Women's clothing stores.....	44812	21.2	20.7	19.2	20.1	--	--	--	--	--	--
Family clothing stores.....	44814	25.8	25.4	24.9	25.4	--	--	--	--	--	--
Clothing accessories stores.....	44815	24.4	24.7	23.7	23.5	--	--	--	--	--	--
Other clothing stores.....	44819	28.6	28.5	27.4	28.8	--	--	--	--	--	--
Shoe stores.....	4482	25.7	25.0	22.3	22.7	--	--	--	--	--	--
Jewelry, luggage, and leather goods stores.....	4483	32.0	31.4	30.8	30.9	--	--	--	--	--	--
Sporting goods, hobby, book, and music stores.....	451	26.8	27.0	25.6	26.8	--	--	--	--	--	--
Sporting goods and musical instrument stores.....	4511	27.2	27.6	26.3	27.4	--	--	--	--	--	--
Sporting goods stores.....	45111	26.9	27.7	26.5	27.7	--	--	--	--	--	--
Hobby, toy, and game stores.....	45112	27.3	27.5	26.1	27.4	--	--	--	--	--	--
Sewing, needlework, and piece goods stores.....	45113	26.0	25.4	24.4	24.1	--	--	--	--	--	--
Book, periodical, and music stores.....	4512	26.1	25.8	24.2	25.5	--	--	--	--	--	--
Book stores and news dealers.....	45121	26.3	25.9	24.1	25.2	--	--	--	--	--	--
Prerecorded tape, CD, and record stores.....	45122	25.7	25.5	24.5	26.3	--	--	--	--	--	--
General merchandise stores.....	452	29.5	30.3	28.8	29.3	--	--	--	--	--	--
Department stores.....	4521	28.3	28.6	27.1	27.6	--	--	--	--	--	--
Department stores, except discount.....	452111	24.7	24.0	22.6	23.4	--	--	--	--	--	--
Discount department stores.....	452112	31.4	32.5	30.8	31.1	--	--	--	--	--	--
Other general merchandise stores.....	4529	31.3	32.7	31.3	31.8	--	--	--	--	--	--
Warehouse clubs and supercenters.....	45291	32.6	34.4	32.6	32.9	--	--	--	--	--	--
All other general merchandise stores.....	45299	27.4	27.8	27.7	28.8	--	--	--	--	--	--
Miscellaneous store retailers.....	453	29.7	29.0	29.5	29.7	--	--	--	--	--	--
Florists.....	4531	28.0	26.1	31.7	28.1	--	--	--	--	--	--
Office supplies, stationery, and gift stores.....	4532	29.5	28.8	28.6	29.4	--	--	--	--	--	--
Office supplies and stationery stores.....	45321	34.2	33.5	32.9	33.3	--	--	--	--	--	--
Gift, novelty, and souvenir stores.....	45322	26.0	25.4	25.1	26.3	--	--	--	--	--	--
Used merchandise stores.....	4533	28.1	28.1	28.8	29.5	--	--	--	--	--	--
Other miscellaneous store retailers.....	4539	31.4	31.0	29.9	30.9	--	--	--	--	--	--
Pet and pet supplies stores.....	45391	28.5	28.9	27.8	28.9	--	--	--	--	--	--
All other miscellaneous store retailers.....	45399	32.2	31.8	30.6	31.9	--	--	--	--	--	--
Nonstore retailers.....	454	35.5	35.3	34.9	35.7	--	--	--	--	--	--
Electronic shopping and mail-order houses.....	4541	36.5	36.3	35.2	36.4	--	--	--	--	--	--
Mail-order houses.....	454113	36.3	36.1	34.8	36.0	--	--	--	--	--	--
Direct selling establishments.....	4543	33.5	33.4	33.6	33.8	--	--	--	--	--	--
Fuel dealers.....	45431	36.8	36.9	36.7	37.2	--	--	--	--	--	--
Heating oil dealers.....	454311	36.6	36.8	36.5	36.7	--	--	--	--	--	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Retail trade-Continued											
Building material and garden supply stores.....	444	\$12.12	\$12.11	\$12.55	\$12.64	--	\$449.65	\$446.86	\$455.57	\$467.68	--
Building material and supplies dealers.....	4441	12.26	12.22	12.78	12.88	--	460.98	457.03	469.03	484.29	--
Home centers.....	44411	11.99	11.95	12.57	12.76	--	459.22	457.69	470.12	491.26	--
Paint and wallpaper stores.....	44412	11.87	11.79	12.28	12.38	--	427.32	420.90	422.43	441.97	--
Hardware stores.....	44413	9.90	9.94	10.13	10.05	--	319.77	318.08	307.95	313.56	--
Other building material dealers.....	44419	14.08	14.01	14.58	14.61	--	558.98	551.99	580.28	584.40	--
Lawn and garden equipment and supplies stores.....	4442	11.20	11.30	11.05	11.02	--	381.92	380.81	369.07	369.17	--
Outdoor power equipment stores.....	44421	13.15	13.27	13.46	13.56	--	419.49	424.64	415.91	437.99	--
Nursery, garden, and farm supply stores.....	44422	10.77	10.84	10.63	10.55	--	372.64	369.64	360.36	355.54	--
Food and beverage stores.....	445	10.46	10.49	10.75	10.71	--	339.95	345.12	342.93	349.15	--
Grocery stores.....	4451	10.39	10.42	10.70	10.65	--	338.71	344.90	343.47	350.39	--
Supermarkets and other grocery stores.....	44511	10.50	10.54	10.83	10.77	--	344.40	350.98	349.81	356.49	--
Convenience stores.....	44512	8.28	8.27	8.45	8.44	--	240.95	242.31	245.05	246.45	--
Specialty food stores.....	4452	10.95	10.94	10.91	10.98	--	360.26	359.93	354.58	357.95	--
Meat markets and fish and seafood markets.....	44521,2	10.78	10.79	10.61	10.86	--	363.29	356.07	340.58	352.95	--
Fruit and vegetable markets.....	44523	9.10	9.10	9.73	9.73	--	290.29	294.84	339.58	334.71	--
Other specialty food stores.....	44529	11.66	11.64	11.44	11.46	--	382.45	384.12	364.94	366.72	--
Beer, wine, and liquor stores.....	4453	11.15	11.09	11.52	11.63	--	326.70	336.03	323.71	329.13	--
Health and personal care stores.....	446	12.48	12.41	13.12	13.13	--	388.13	380.99	383.10	387.34	--
Pharmacies and drug stores.....	44611	12.50	12.42	13.29	13.30	--	375.00	368.87	376.11	379.05	--
Optical goods stores.....	44613	11.94	12.10	12.39	12.29	--	378.50	377.52	392.76	403.11	--
Other health and personal care stores.....	44619	13.08	12.99	13.12	13.19	--	469.57	461.15	450.02	462.97	--
All other health and personal care stores.....	446199	14.80	14.72	14.75	14.87	--	577.20	578.50	545.75	568.03	--
Gasoline stations.....	447	8.50	8.58	8.67	8.65	--	266.05	268.55	265.30	269.02	--
Gasoline stations with convenience stores.....	44711	8.29	8.37	8.40	8.37	--	256.99	259.47	254.52	256.12	--
Other gasoline stations.....	44719	9.66	9.71	10.14	10.13	--	320.71	321.40	330.56	345.43	--
Clothing and clothing accessories stores.....	448	10.39	10.14	10.55	10.48	--	267.02	257.56	257.42	260.95	--
Clothing stores.....	4481	10.22	9.92	10.42	10.32	--	252.43	243.04	246.95	250.78	--
Men's clothing stores.....	44811	12.01	11.44	12.33	12.40	--	344.69	326.04	356.34	363.32	--
Women's clothing stores.....	44812	10.15	9.95	11.07	10.90	--	215.18	205.97	212.54	219.09	--
Family clothing stores.....	44814	10.32	9.96	10.11	9.98	--	266.26	252.98	251.74	253.49	--
Clothing accessories stores.....	44815	8.85	8.76	9.86	9.98	--	215.94	216.37	233.68	234.53	--
Other clothing stores.....	44819	9.65	9.48	9.86	9.78	--	275.99	270.18	270.16	281.66	--
Shoe stores.....	4482	9.15	9.15	9.30	9.40	--	235.16	228.75	207.39	213.38	--
Jewelry, luggage, and leather goods stores.....	4483	12.28	12.09	12.08	12.09	--	392.96	379.63	372.06	373.58	--
Sporting goods, hobby, book, and music stores.....	451	10.03	10.07	10.33	10.27	--	268.80	271.89	264.45	275.24	--
Sporting goods and musical instrument stores.....	4511	10.39	10.44	10.66	10.58	--	282.61	288.14	280.36	289.89	--
Sporting goods stores.....	45111	10.73	10.68	10.91	10.80	--	288.64	295.84	289.12	299.16	--
Hobby, toy, and game stores.....	45112	9.84	9.94	10.18	10.01	--	268.63	273.35	265.70	274.27	--
Sewing, needlework, and piece goods stores.....	45113	10.08	10.46	10.12	10.01	--	262.08	265.68	246.93	241.24	--
Book, periodical, and music stores.....	4512	9.25	9.25	9.59	9.57	--	241.43	238.65	232.08	244.04	--
Book stores and news dealers.....	45121	9.34	9.36	9.80	9.81	--	245.64	242.42	236.18	247.21	--
Prerecorded tape, CD, and record stores.....	45122	9.03	8.99	9.04	8.97	--	232.07	229.25	221.48	235.91	--
General merchandise stores.....	452	9.83	9.79	10.13	10.14	--	289.99	296.64	291.74	297.10	--
Department stores.....	4521	10.13	10.11	10.46	10.45	--	286.68	289.15	283.47	288.42	--
Department stores, except discount.....	452111	11.28	11.30	11.92	11.90	--	278.62	271.20	269.39	278.46	--
Discount department stores.....	452112	9.37	9.37	9.58	9.56	--	294.22	304.53	295.06	297.32	--
Other general merchandise stores.....	4529	9.42	9.38	9.71	9.74	--	294.85	306.73	303.92	309.73	--
Warehouse clubs and supercenters.....	45291	9.51	9.46	9.73	9.74	--	310.03	325.42	317.20	320.45	--
All other general merchandise stores.....	45299	9.09	9.10	9.65	9.76	--	249.07	252.98	267.31	281.09	--
Miscellaneous store retailers.....	453	10.70	10.76	10.96	11.01	--	317.79	312.04	323.32	327.00	--
Florists.....	4531	9.33	9.38	9.58	9.56	--	261.24	244.82	303.69	268.64	--
Office supplies, stationery, and gift stores.....	4532	11.13	11.17	11.82	11.75	--	328.34	321.70	338.05	345.45	--
Office supplies and stationery stores.....	45321	13.58	13.62	13.89	13.87	--	464.44	456.27	456.98	461.87	--
Gift, novelty, and souvenir stores.....	45322	8.79	8.84	9.59	9.58	--	228.54	224.54	240.71	251.95	--
Used merchandise stores.....	4533	8.34	8.28	8.21	8.34	--	234.35	232.67	236.45	246.03	--
Other miscellaneous store retailers.....	4539	11.42	11.50	11.44	11.49	--	358.59	356.50	342.06	355.04	--
Pet and pet supplies stores.....	45391	9.57	9.60	9.71	9.80	--	272.75	277.44	269.94	283.22	--
All other miscellaneous store retailers.....	45399	11.86	12.01	11.86	11.82	--	381.89	381.92	362.92	377.06	--
Nonstore retailers.....	454	14.13	14.22	13.76	13.87	--	501.62	501.97	480.22	495.16	--
Electronic shopping and mail-order houses.....	4541	14.96	15.19	13.80	13.81	--	546.04	551.40	485.76	502.68	--
Mail-order houses.....	454113	14.87	14.97	13.39	13.30	--	539.78	540.42	465.97	478.80	--
Direct selling establishments.....	4543	14.17	14.15	14.60	14.85	--	474.70	472.61	490.56	501.93	--
Fuel dealers.....	45431	14.30	14.30	14.45	14.55	--	526.24	527.67	530.32	541.26	--
Heating oil dealers.....	454311	15.40	15.34	15.58	15.67	--	563.64	564.51	568.67	575.09	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Retail trade—Continued											
Liquefied petroleum gas, bottled gas, and other fuel dealers	454312,9	37.0	37.0	37.0	37.7	--	--	--	--	--	--
Other direct selling establishments	45439	28.0	27.5	28.1	27.8	--	--	--	--	--	--
Transportation and warehousing	48,49	37.4	36.7	36.5	37.2	36.8	--	--	--	--	--
Air transportation	481	37.4	35.9	35.1	36.7	--	--	--	--	--	--
Scheduled air transportation	4811	37.3	35.8	34.8	36.4	--	--	--	--	--	--
Truck transportation	484	40.5	39.8	39.7	40.2	--	--	--	--	--	--
General freight trucking	4841	40.6	40.1	40.3	40.8	--	--	--	--	--	--
General freight trucking, local	48411	40.8	40.6	40.2	41.4	--	--	--	--	--	--
General freight trucking, long-distance	48412	40.6	39.9	40.3	40.6	--	--	--	--	--	--
General freight trucking, long-distance TL	484121	40.6	40.0	40.1	40.1	--	--	--	--	--	--
General freight trucking, long-distance LTL	484122	40.5	39.6	40.9	41.9	--	--	--	--	--	--
Specialized freight trucking	4842	40.2	39.2	38.2	38.8	--	--	--	--	--	--
Used household and office goods moving	48421	37.9	36.3	34.4	34.1	--	--	--	--	--	--
Other specialized trucking, local	48422	41.4	40.6	40.1	41.4	--	--	--	--	--	--
Other specialized trucking, long-distance	48423	40.5	39.7	38.4	39.2	--	--	--	--	--	--
Transit and ground passenger transportation	485	33.4	33.0	34.6	33.7	--	--	--	--	--	--
Urban transit systems	4851	39.8	39.1	39.3	38.8	--	--	--	--	--	--
School and employee bus transportation	4854	27.8	25.8	31.2	28.8	--	--	--	--	--	--
Other ground passenger transportation	4859	33.8	32.9	35.1	35.0	--	--	--	--	--	--
Pipeline transportation	486	44.1	44.3	46.3	47.9	--	--	--	--	--	--
Scenic and sightseeing transportation	487	25.9	26.5	24.6	26.2	--	--	--	--	--	--
Support activities for transportation	488	37.5	36.8	37.0	37.5	--	--	--	--	--	--
Support activities for air transportation	4881	36.6	35.0	35.2	35.8	--	--	--	--	--	--
Airport operations	48811	34.8	34.1	34.6	35.2	--	--	--	--	--	--
Support activities for water transportation	4883	35.2	36.5	35.9	36.7	--	--	--	--	--	--
Port and harbor operations	48831	27.7	27.7	29.8	29.5	--	--	--	--	--	--
Marine cargo handling	48832	37.6	39.0	35.2	36.7	--	--	--	--	--	--
Support activities for road transportation	4884	39.2	39.0	41.6	42.3	--	--	--	--	--	--
Freight transportation arrangement	4885	38.6	37.1	36.5	37.3	--	--	--	--	--	--
Support activities for other transportation, including rail	4882,9	39.1	38.8	38.8	37.6	--	--	--	--	--	--
Couriers and messengers	491,2	27.8	26.7	25.5	26.3	--	--	--	--	--	--
Couriers	4921	26.7	25.6	24.2	25.0	--	--	--	--	--	--
Warehousing and storage	493	38.4	38.1	38.1	38.8	--	--	--	--	--	--
General warehousing and storage	49311	38.4	38.1	38.1	38.8	--	--	--	--	--	--
Refrigerated warehousing and storage	49312	39.3	40.7	38.5	39.2	--	--	--	--	--	--
Miscellaneous warehousing and storage	49313,9	37.6	36.1	37.4	38.6	--	--	--	--	--	--
Utilities	22	41.1	40.8	40.8	41.1	41.0	--	--	--	--	--
Power generation and supply	2211	40.9	40.7	40.4	40.5	--	--	--	--	--	--
Electric power generation	22111	40.9	40.8	40.2	39.9	--	--	--	--	--	--
Fossil fuel electric power generation	221112	42.4	42.2	40.4	40.5	--	--	--	--	--	--
Electric power transmission and distribution	22112	41.0	40.6	40.8	41.5	--	--	--	--	--	--
Electric bulk power transmission and control	221121	40.3	40.8	40.4	40.8	--	--	--	--	--	--
Electric power distribution	221122	41.1	40.5	40.9	41.6	--	--	--	--	--	--
Natural gas distribution	2212	43.2	42.6	43.1	43.9	--	--	--	--	--	--
Water, sewage and other systems	2213	36.8	37.1	37.7	38.3	--	--	--	--	--	--
Information	51	37.0	36.4	36.1	36.8	36.4	--	--	--	--	--
Publishing industries, except Internet	511	--	--	35.8	36.1	--	--	--	--	--	--
Newspaper, book, and directory publishers	5111	--	--	33.8	34.3	--	--	--	--	--	--
Newspaper publishers	51111	--	--	33.2	33.6	--	--	--	--	--	--
Periodical publishers	51112	--	--	32.0	33.3	--	--	--	--	--	--
Book publishers	51113	--	--	37.3	37.4	--	--	--	--	--	--
Directory and mailing list publishers	51114	--	--	36.2	36.9	--	--	--	--	--	--
Software publishers	5112	41.7	39.5	40.6	40.4	--	--	--	--	--	--
Motion picture and sound recording industries	512	31.0	30.8	29.4	30.0	--	--	--	--	--	--
Motion picture and video industries	5121	30.5	30.6	29.1	29.8	--	--	--	--	--	--
Motion picture and video production	51211	35.7	34.2	35.3	35.2	--	--	--	--	--	--
Motion picture and video exhibition	51213	22.9	25.1	20.5	22.6	--	--	--	--	--	--
Broadcasting, except Internet	515	34.8	34.4	35.3	36.1	--	--	--	--	--	--
Radio and television broadcasting	5151	33.3	32.8	33.3	34.4	--	--	--	--	--	--
Radio broadcasting	51511	27.4	26.6	27.8	29.3	--	--	--	--	--	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Retail trade-Continued											
Liquefied petroleum gas, bottled gas, and other fuel dealers	454312.9	\$13.11	\$13.17	\$13.15	\$13.29	--	\$485.07	\$487.29	\$486.55	\$501.03	--
Other direct selling establishments	45439	13.89	13.82	14.95	15.58	--	388.92	380.05	420.10	433.12	--
Transportation and warehousing	48,49	15.74	15.75	16.19	16.26	\$16.40	588.68	578.03	590.94	604.87	\$603.52
Air transportation	481	15.23	15.03	16.02	15.89	--	569.60	539.58	562.30	583.16	--
Scheduled air transportation	4811	14.69	14.45	15.49	15.32	--	547.94	517.31	539.05	557.65	--
Truck transportation	484	15.79	15.82	16.21	16.30	--	639.50	629.64	643.54	655.26	--
General freight trucking	4841	16.22	16.31	16.61	16.72	--	658.53	654.03	669.38	682.18	--
General freight trucking, local	48411	15.41	15.47	15.51	15.39	--	628.73	628.08	623.50	637.15	--
General freight trucking, long-distance	48412	16.49	16.58	16.94	17.14	--	669.49	661.54	682.68	695.88	--
General freight trucking, long-distance TL	484121	16.02	16.05	16.31	16.49	--	650.41	642.00	654.03	661.25	--
General freight trucking, long-distance LTL	484122	17.62	17.87	18.50	18.71	--	713.61	707.65	756.65	783.95	--
Specialized freight trucking	4842	14.72	14.62	15.12	15.17	--	591.74	573.10	577.58	588.60	--
Used household and office goods moving	48421	12.66	12.77	13.15	13.17	--	479.81	463.55	452.36	449.10	--
Other specialized trucking, local	48422	14.30	14.25	14.74	15.02	--	592.02	578.55	591.07	621.83	--
Other specialized trucking, long-distance	48423	17.52	17.16	17.32	17.14	--	709.56	681.25	665.09	671.89	--
Transit and ground passenger transportation	485	12.83	12.84	12.79	12.96	--	428.52	423.72	442.53	436.75	--
Urban transit systems	4851	15.63	15.90	16.07	16.25	--	622.07	621.69	631.55	630.50	--
School and employee bus transportation	4854	12.65	12.54	12.52	12.66	--	351.67	323.53	390.62	364.61	--
Other ground passenger transportation	4859	11.57	11.65	11.92	11.95	--	391.07	383.29	418.39	418.25	--
Pipeline transportation	486	21.53	21.31	23.07	22.92	--	949.47	944.03	1,068.14	1,097.87	--
Scenic and sightseeing transportation	487	13.37	13.27	13.99	14.25	--	346.28	351.66	344.15	373.35	--
Support activities for transportation	488	16.59	16.52	17.42	17.58	--	622.13	607.94	644.54	659.25	--
Support activities for air transportation	4881	15.33	15.33	16.20	16.28	--	561.08	536.55	570.24	582.82	--
Airport operations	48811	14.18	14.09	14.37	14.23	--	493.46	480.47	497.20	500.90	--
Support activities for water transportation	4883	22.89	22.28	24.32	24.63	--	805.73	813.22	873.09	903.92	--
Port and harbor operations	48831	34.33	34.43	35.30	35.67	--	950.94	953.71	1,051.94	1,052.27	--
Marine cargo handling	48832	21.21	21.02	24.59	24.76	--	797.50	819.78	865.57	908.69	--
Support activities for road transportation	4884	15.40	15.35	15.84	15.93	--	603.68	598.65	658.94	673.84	--
Freight transportation arrangement	4885	15.67	15.67	16.22	16.51	--	604.86	581.36	592.03	615.82	--
Support activities for other transportation, including rail	4882.9	13.23	13.01	13.45	13.47	--	517.29	504.79	521.86	506.47	--
Couriers and messengers	491.2	14.61	14.46	15.54	15.52	--	406.16	386.08	396.27	408.18	--
Couriers	4921	15.25	15.11	16.54	16.50	--	407.18	386.82	400.27	412.50	--
Warehousing and storage	493	14.91	14.95	14.84	14.81	--	572.54	569.60	565.40	574.63	--
General warehousing and storage	49311	14.72	14.75	14.63	14.64	--	565.25	561.98	557.40	568.03	--
Refrigerated warehousing and storage	49312	16.32	16.15	16.32	15.96	--	641.38	657.31	628.32	625.63	--
Miscellaneous warehousing and storage	49313.9	15.36	15.67	15.34	15.25	--	577.54	565.69	573.72	588.65	--
Utilities	22	23.93	23.78	24.52	24.55	24.56	983.52	970.22	1,000.42	1,009.01	1,006.96
Power generation and supply	2211	24.45	24.32	25.51	25.36	--	1,000.01	989.82	1,030.60	1,027.08	--
Electric power generation	22111	25.46	25.15	26.93	26.84	--	1,041.31	1,026.12	1,082.59	1,070.92	--
Fossil fuel electric power generation	221112	25.33	25.36	26.91	26.81	--	1,073.99	1,070.19	1,087.16	1,085.81	--
Electric power transmission and distribution	22112	22.84	22.98	23.38	23.15	--	936.44	932.99	953.90	960.73	--
Electric bulk power transmission and control	221121	23.51	23.65	25.13	25.31	--	947.45	964.92	1,015.25	1,032.65	--
Electric power distribution	221122	22.70	22.84	23.02	22.72	--	932.97	925.02	941.52	945.15	--
Natural gas distribution	2212	23.85	23.66	23.17	23.98	--	1,030.32	1,007.92	998.63	1,052.72	--
Water, sewage and other systems	2213	18.90	18.75	18.81	18.44	--	695.52	695.63	709.14	706.25	--
Information		20.22	20.00	21.01	21.03	21.00	748.14	728.00	758.46	773.90	764.40
Publishing industries, except Internet	511	--	--	21.83	21.78	--	--	--	781.51	786.26	--
Newspaper, book, and directory publishers	5111	--	--	16.21	16.40	--	--	--	547.90	562.52	--
Newspaper publishers	51111	--	--	15.42	15.56	--	--	--	511.94	522.82	--
Periodical publishers	51112	--	--	18.88	18.95	--	--	--	604.16	631.04	--
Book publishers	51113	--	--	15.61	16.07	--	--	--	582.25	601.02	--
Directory and mailing list publishers	51114	--	--	15.23	15.27	--	--	--	551.33	563.46	--
Software publishers	5112	31.46	30.78	33.17	32.82	--	1,311.88	1,215.81	1,346.70	1,325.93	--
Motion picture and sound recording industries	512	20.69	19.81	21.39	20.56	--	641.39	610.15	628.87	616.80	--
Motion picture and video industries	5121	20.93	19.95	21.35	20.49	--	638.37	610.47	621.29	610.60	--
Motion picture and video production	51211	28.47	28.10	28.74	28.66	--	1,016.38	961.02	1,014.52	1,008.83	--
Motion picture and video exhibition	51213	6.78	6.84	6.94	6.80	--	155.26	171.68	142.27	153.68	--
Broadcasting, except Internet	515	18.64	18.62	19.14	19.38	--	648.67	640.53	675.64	699.62	--
Radio and television broadcasting	5151	19.06	18.93	20.20	20.32	--	634.70	620.90	672.66	699.01	--
Radio broadcasting	51511	17.46	17.34	18.85	19.03	--	478.40	461.24	524.03	557.58	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Information-Continued											
Television broadcasting.....	51512	38.6	38.3	38.0	38.9	--	--	--	--	--	--
Telecommunications.....	517	39.7	39.6	39.5	40.5	--	--	--	--	--	--
Wired telecommunications carriers.....	5171	39.8	40.3	39.5	40.0	--	--	--	--	--	--
Wireless telecommunications carriers.....	5172	40.7	39.6	39.7	43.7	--	--	--	--	--	--
Cellular and other wireless carriers.....	517212	42.2	40.7	40.3	44.9	--	--	--	--	--	--
Telecommunications resellers.....	5173	37.7	37.5	39.5	39.7	--	--	--	--	--	--
Cable and other program distribution.....	5175	40.1	38.6	38.9	39.4	--	--	--	--	--	--
ISPs, search portals, and data processing.....	518	38.9	37.7	36.6	37.5	--	--	--	--	--	--
ISPs and web search portals.....	5181	39.2	37.5	37.9	39.4	--	--	--	--	--	--
Data processing and related services.....	5182	38.7	37.8	36.0	36.5	--	--	--	--	--	--
Other information services.....	519	25.2	23.9	23.0	23.3	--	--	--	--	--	--
Financial activities²		36.3	35.4	35.3	36.2	35.2	--	--	--	--	--
Finance and insurance.....	52	37.4	36.3	36.2	37.2	--	--	--	--	--	--
Credit intermediation and related activities.....	522	36.9	35.5	35.4	36.6	--	--	--	--	--	--
Depository credit intermediation.....	5221	37.1	35.7	35.4	36.7	--	--	--	--	--	--
Commercial banking.....	52211	37.4	35.8	35.4	36.7	--	--	--	--	--	--
Savings institutions.....	52212	36.1	35.3	35.5	36.6	--	--	--	--	--	--
Credit unions and other depository credit intermediation.....	52213,9	36.4	35.8	35.6	36.6	--	--	--	--	--	--
Nondepository credit intermediation.....	5222	36.9	35.7	35.5	37.1	--	--	--	--	--	--
Credit card issuing.....	52221	38.2	37.5	36.6	38.6	--	--	--	--	--	--
Sales financing.....	52222	36.1	34.7	32.4	33.1	--	--	--	--	--	--
Other nondepository credit intermediation.....	52229	36.7	35.3	35.9	37.6	--	--	--	--	--	--
Consumer lending.....	522291	38.7	37.9	35.4	37.1	--	--	--	--	--	--
Real estate credit.....	522292	36.1	34.4	36.0	37.7	--	--	--	--	--	--
Miscellaneous nondepository credit intermediation.....	522293,4,8	36.7	35.9	36.0	37.5	--	--	--	--	--	--
Activities related to credit intermediation.....	5223	35.4	33.7	34.6	35.0	--	--	--	--	--	--
Mortgage and nonmortgage loan brokers.....	52231	34.9	32.6	35.8	35.9	--	--	--	--	--	--
Other credit intermediation activities.....	52239	37.6	35.6	35.7	36.4	--	--	--	--	--	--
Securities, commodity contracts, investments.....	523	37.9	37.5	36.6	37.7	--	--	--	--	--	--
Securities brokerage.....	52312	39.7	39.9	38.3	39.3	--	--	--	--	--	--
Securities and commodity contracts brokerage and exchanges.....	5231,2	39.1	38.5	37.6	39.0	--	--	--	--	--	--
Other financial investment activities.....	5239	35.6	35.6	34.6	35.4	--	--	--	--	--	--
Portfolio management.....	52392	36.9	37.6	35.6	36.5	--	--	--	--	--	--
Investment advice.....	52393	33.9	33.8	32.9	33.6	--	--	--	--	--	--
Insurance carriers and related activities.....	524	37.8	36.9	36.9	37.6	--	--	--	--	--	--
Insurance carriers.....	5241	38.8	37.8	37.9	38.3	--	--	--	--	--	--
Direct life and health insurance carriers.....	52411	39.4	38.3	37.9	38.3	--	--	--	--	--	--
Direct life insurance carriers.....	524113	40.1	38.7	37.2	38.0	--	--	--	--	--	--
Direct health and medical insurance carriers.....	524114	38.5	37.9	38.6	38.7	--	--	--	--	--	--
Direct insurers, except life and health.....	52412	38.3	37.1	37.9	38.3	--	--	--	--	--	--
Direct property and casualty insurers.....	524126	38.3	37.1	37.7	38.0	--	--	--	--	--	--
Direct title insurance and other direct insurance carriers.....	524127,8	38.6	37.4	39.2	40.2	--	--	--	--	--	--
Reinsurance carriers.....	52413	36.0	36.3	38.1	38.6	--	--	--	--	--	--
Insurance agencies, brokerages, and related services.....	5242	36.0	35.4	35.3	36.5	--	--	--	--	--	--
Insurance agencies and brokerages.....	52421	35.5	34.8	34.4	35.6	--	--	--	--	--	--
Other insurance-related activities.....	52429	37.3	37.0	37.8	39.0	--	--	--	--	--	--
Claims adjusting.....	524291	38.5	37.4	37.5	38.1	--	--	--	--	--	--
Third-party administration of insurance funds.....	524292	37.8	37.7	39.2	40.7	--	--	--	--	--	--
Funds, trusts, and other financial vehicles.....	525	39.1	37.0	36.3	37.2	--	--	--	--	--	--
Other investment pools and funds.....	5259	39.9	37.1	38.6	38.7	--	--	--	--	--	--
Real estate and rental and leasing.....	53	33.2	32.8	32.8	33.4	--	--	--	--	--	--
Real estate.....	531	33.5	33.0	33.2	34.0	--	--	--	--	--	--
Lessors of real estate.....	5311	33.4	33.2	33.9	34.6	--	--	--	--	--	--
Lessors of residential buildings.....	53111	33.6	33.6	34.5	35.3	--	--	--	--	--	--
Lessors of nonresidential buildings.....	53112	33.8	33.2	33.9	34.5	--	--	--	--	--	--
Lessors of other real estate property.....	53119	33.9	33.9	33.0	33.6	--	--	--	--	--	--
Offices of real estate agents and brokers.....	5312	32.8	31.6	32.0	33.8	--	--	--	--	--	--
Activities related to real estate.....	5313	34.1	33.5	32.9	33.3	--	--	--	--	--	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Information-Continued											
Television broadcasting.....	51512	\$20.07	\$19.91	\$21.05	\$21.18	--	\$774.70	\$762.55	\$799.90	\$823.90	--
Telecommunications.....	517	19.09	19.19	20.58	20.75	--	757.87	759.92	812.91	840.38	--
Wired telecommunications carriers.....	5171	20.62	20.63	21.95	22.23	--	820.68	831.39	867.03	889.20	--
Wireless telecommunications carriers.....	5172	15.50	15.50	18.11	17.87	--	630.85	613.80	718.97	780.92	--
Cellular and other wireless carriers.....	517212	15.33	15.41	18.17	17.97	--	646.93	627.19	732.25	806.85	--
Telecommunications resellers.....	5173	20.44	20.42	21.02	21.69	--	770.59	765.75	830.29	861.09	--
Cable and other program distribution.....	5175	15.20	15.76	16.49	16.41	--	609.52	608.34	641.46	646.55	--
ISPs, search portals, and data processing.....	518	21.10	20.79	21.77	22.03	--	820.79	783.78	796.78	826.13	--
ISPs and web search portals.....	5181	26.40	25.74	24.62	24.70	--	1,034.88	965.25	933.10	973.18	--
Data processing and related services.....	5182	18.56	18.48	20.32	20.60	--	718.27	698.54	731.52	751.90	--
Other information services.....	519	12.39	12.71	14.46	14.47	--	312.23	303.77	332.58	337.15	--
Financial activities ²		16.10	16.07	16.97	17.19	\$17.26	584.43	568.88	599.04	622.28	\$607.55
Finance and insurance.....	52	17.21	17.22	18.21	18.51	--	643.65	625.09	659.20	688.57	--
Credit intermediation and related activities.....	522	14.07	14.17	15.47	15.71	--	519.18	503.04	547.64	574.99	--
Depository credit intermediation.....	5221	12.60	12.68	13.41	13.42	--	467.46	452.68	474.71	492.51	--
Commercial banking.....	52211	12.41	12.50	13.22	13.18	--	464.13	447.50	467.99	483.71	--
Savings institutions.....	52212	13.35	13.49	14.37	14.52	--	481.94	476.20	510.14	531.43	--
Credit unions and other depository credit intermediation.....	52213.9	12.85	12.83	13.42	13.58	--	467.74	459.31	477.75	497.03	--
Nondepository credit intermediation.....	5222	17.05	17.32	19.62	20.48	--	629.15	618.32	696.51	759.81	--
Credit card issuing.....	52221	13.32	12.90	14.70	14.53	--	508.82	483.75	538.02	560.86	--
Sales financing.....	52222	14.67	14.85	15.58	15.70	--	529.59	515.30	504.79	519.67	--
Other nondepository credit intermediation.....	52229	18.66	19.18	21.77	23.04	--	684.82	677.05	781.54	866.30	--
Consumer lending.....	522291	12.92	12.95	13.08	12.97	--	500.00	490.81	463.03	481.19	--
Real estate credit.....	522292	21.21	22.07	25.29	27.21	--	765.68	759.21	910.44	1,025.82	--
Miscellaneous nondepository credit intermediation.....	522293.4,8	16.16	16.26	17.69	17.82	--	593.07	583.73	636.84	668.25	--
Activities related to credit intermediation.....	5223	16.10	15.81	17.43	17.53	--	569.94	532.80	603.08	613.55	--
Mortgage and nonmortgage loan brokers.....	52231	17.38	17.17	21.19	21.06	--	606.56	559.74	758.60	756.05	--
Other credit intermediation activities.....	52239	16.80	16.53	15.49	15.43	--	631.68	588.47	552.99	561.65	--
Securities, commodity contracts, investments.....	523	22.56	22.39	23.44	23.81	--	855.02	839.63	857.90	897.64	--
Securities brokerage.....	52312	21.52	21.10	21.69	22.41	--	854.34	841.89	830.73	880.71	--
Securities and commodity contracts brokerage and exchanges.....	5231.2	22.40	22.05	23.07	23.62	--	875.84	848.93	867.43	921.18	--
Other financial investment activities.....	5239	22.88	23.07	24.18	24.19	--	814.53	821.29	836.63	856.33	--
Portfolio management.....	52392	25.39	25.53	25.75	25.37	--	936.89	959.93	916.70	926.01	--
Investment advice.....	52393	21.57	21.53	22.17	22.58	--	731.22	727.71	729.39	758.69	--
Insurance carriers and related activities.....	524	18.97	18.89	19.69	20.05	--	717.07	697.04	726.56	753.88	--
Insurance carriers.....	5241	19.62	19.63	20.34	20.65	--	761.26	742.01	770.89	790.90	--
Direct life and health insurance carriers.....	52411	18.92	19.06	19.28	19.56	--	745.45	730.00	730.71	749.15	--
Direct life insurance carriers.....	524113	19.20	19.32	19.62	20.03	--	769.92	747.68	729.86	761.14	--
Direct health and medical insurance carriers.....	524114	18.58	18.76	18.91	19.05	--	715.33	711.00	729.93	737.24	--
Direct insurers, except life and health.....	52412	20.49	20.34	21.62	21.94	--	784.77	754.61	819.40	840.30	--
Direct property and casualty insurers.....	524126	21.29	21.19	21.73	21.95	--	815.41	786.15	819.22	834.10	--
Direct title insurance and other direct insurance carriers.....	524127.8	15.87	15.43	21.04	21.87	--	612.58	577.08	824.77	879.17	--
Reinsurance carriers.....	52413	19.84	19.67	20.21	20.87	--	714.24	714.02	770.00	805.58	--
Insurance agencies, brokerages, and related services.....	5242	17.77	17.53	18.50	18.98	--	639.72	620.56	653.05	692.77	--
Insurance agencies and brokerages.....	52421	17.57	17.22	18.23	18.64	--	623.74	599.26	627.11	663.58	--
Other insurance-related activities.....	52429	18.31	18.37	19.22	19.89	--	682.96	679.69	726.52	775.71	--
Claims adjusting.....	524291	20.33	20.17	20.63	21.00	--	782.71	754.36	773.63	800.10	--
Third-party administration of insurance funds.....	524292	16.99	17.10	18.52	19.47	--	642.22	644.67	725.98	792.43	--
Funds, trusts, and other financial vehicles.....	525	19.97	20.12	21.28	22.05	--	780.83	744.44	772.46	820.26	--
Other investment pools and funds.....	5259	19.02	19.23	18.51	18.93	--	758.90	713.43	714.49	732.59	--
Real estate and rental and leasing.....	53	12.74	12.65	13.19	13.19	--	422.97	414.92	432.63	440.55	--
Real estate.....	531	12.80	12.73	13.34	13.44	--	428.80	420.09	442.89	456.96	--
Lessors of real estate.....	5311	11.87	11.85	12.48	12.51	--	396.46	393.42	423.07	432.85	--
Lessors of residential buildings.....	53111	11.85	11.80	12.35	12.40	--	398.16	396.48	426.08	437.72	--
Lessors of nonresidential buildings.....	53112	12.48	12.57	13.41	13.47	--	421.82	417.32	454.60	464.72	--
Lessors of other real estate property.....	53119	10.20	10.12	10.82	10.79	--	345.78	343.07	357.06	362.54	--
Offices of real estate agents and brokers.....	5312	12.57	12.50	13.24	13.28	--	412.30	395.00	423.68	448.86	--
Activities related to real estate.....	5313	14.26	14.14	14.67	14.96	--	486.27	473.69	482.64	498.17	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^p	July 2003 ^p	June 2002	July 2002	May 2003	June 2003 ^p	July 2003 ^p
Financial activities-Continued											
Real estate property managers.....	53131	34.0	33.5	32.8	33.2	--	--	--	--	--	--
Residential property managers.....	531311	33.5	33.1	32.1	32.8	--	--	--	--	--	--
Nonresidential property managers.....	531312	35.3	34.3	34.5	34.2	--	--	--	--	--	--
Rental and leasing services.....	532	32.5	32.3	31.9	32.0	--	--	--	--	--	--
Automotive equipment rental and leasing.....	5321	34.0	34.5	32.0	32.2	--	--	--	--	--	--
Passenger car rental and leasing.....	53211	32.9	33.7	30.9	31.1	--	--	--	--	--	--
Consumer goods rental.....	5322	27.6	27.0	27.8	28.0	--	--	--	--	--	--
Video tape and disc rental.....	53223	21.8	21.7	21.8	22.7	--	--	--	--	--	--
Miscellaneous consumer goods rental.....	53221,2,9	34.3	33.2	34.5	34.1	--	--	--	--	--	--
General rental centers.....	5323	35.7	34.7	36.2	36.8	--	--	--	--	--	--
Machinery and equipment rental and leasing.....	5324	41.6	41.8	42.0	41.6	--	--	--	--	--	--
Heavy machinery rental and leasing.....	53241	46.1	46.6	45.9	45.4	--	--	--	--	--	--
Professional and business services		34.8	34.0	34.0	34.6	34.0	--	--	--	--	--
Professional and technical services.....	54	36.4	35.3	35.2	36.2	--	--	--	--	--	--
Legal services.....	5411	36.9	35.7	35.6	36.6	--	--	--	--	--	--
Offices of lawyers.....	54111	36.8	35.6	35.4	36.4	--	--	--	--	--	--
Other legal services.....	54119	38.3	36.6	37.6	39.0	--	--	--	--	--	--
Accounting and bookkeeping services.....	5412	34.0	33.4	33.0	33.9	--	--	--	--	--	--
Offices of certified public accountants.....	541211	33.7	32.7	33.4	34.4	--	--	--	--	--	--
Tax preparation services.....	541213	29.2	30.9	26.4	28.5	--	--	--	--	--	--
Payroll services.....	541214	38.9	38.5	35.9	36.0	--	--	--	--	--	--
Other accounting services.....	541219	33.2	32.6	32.5	33.1	--	--	--	--	--	--
Architectural and engineering services.....	5413	38.8	38.1	38.3	38.8	--	--	--	--	--	--
Architectural services.....	54131	37.4	36.5	38.5	39.3	--	--	--	--	--	--
Landscape architectural services.....	54132	37.3	36.9	36.9	37.2	--	--	--	--	--	--
Engineering and drafting services.....	54133,4	39.2	38.5	38.5	39.0	--	--	--	--	--	--
Building inspection, surveying, and mapping services.....	54135,6,7	38.6	37.7	37.6	37.7	--	--	--	--	--	--
Testing laboratories.....	54138	38.9	38.3	37.6	38.4	--	--	--	--	--	--
Specialized design services.....	5414	34.6	34.7	35.8	35.6	--	--	--	--	--	--
Interior design services.....	54141	35.1	35.2	33.7	32.8	--	--	--	--	--	--
Graphic design services.....	54143	34.6	35.0	35.3	35.9	--	--	--	--	--	--
Computer systems design and related services.....	5415	39.2	37.7	37.5	38.4	--	--	--	--	--	--
Custom computer programming services.....	541511	39.5	38.2	38.5	39.5	--	--	--	--	--	--
Computer systems design services.....	541512	39.3	37.7	36.5	37.6	--	--	--	--	--	--
Other computer-related services.....	541519	38.3	36.6	37.7	38.2	--	--	--	--	--	--
Management and technical consulting services.....	5416	36.3	34.6	34.9	36.2	--	--	--	--	--	--
Management consulting services.....	54161	36.2	34.6	35.1	36.3	--	--	--	--	--	--
Administrative management consulting services.....	541611	35.5	33.3	35.2	36.7	--	--	--	--	--	--
Human resource consulting services.....	541612	36.8	35.6	36.0	37.1	--	--	--	--	--	--
Marketing consulting services.....	541613	37.5	36.0	34.4	35.5	--	--	--	--	--	--
Process and logistics consulting services.....	541614	36.0	35.5	35.5	35.9	--	--	--	--	--	--
Other management consulting services.....	541618	36.6	35.5	34.0	35.2	--	--	--	--	--	--
Environmental consulting services.....	54162	37.1	37.0	35.5	36.2	--	--	--	--	--	--
Other technical consulting services.....	54169	36.1	31.9	32.1	34.5	--	--	--	--	--	--
Scientific research and development services.....	5417	36.7	35.6	35.9	36.9	--	--	--	--	--	--
Physical, engineering, and biological research.....	54171	36.9	35.9	36.4	37.3	--	--	--	--	--	--
Social science and humanities research.....	54172	35.2	33.5	32.6	34.4	--	--	--	--	--	--
Advertising and related services.....	5418	34.8	33.6	33.8	34.8	--	--	--	--	--	--
Advertising agencies.....	54181	36.0	34.6	34.9	36.2	--	--	--	--	--	--
Public relations agencies.....	54182	35.6	34.7	35.3	36.6	--	--	--	--	--	--
Direct mail advertising.....	54186	36.4	36.0	36.8	37.3	--	--	--	--	--	--
Advertising material distribution and other advertising services.....	54187,9	28.5	27.5	27.6	27.3	--	--	--	--	--	--
Other professional and technical services.....	5419	27.9	27.3	26.7	27.7	--	--	--	--	--	--
Marketing research and public opinion polling.....	54191	26.7	26.3	25.8	27.0	--	--	--	--	--	--
Photographic services.....	54192	27.1	25.2	24.4	23.6	--	--	--	--	--	--
Veterinary services.....	54194	27.5	27.5	26.4	28.0	--	--	--	--	--	--
Miscellaneous professional and technical services.....	54193,9	34.5	32.0	33.9	34.4	--	--	--	--	--	--
Management of companies and enterprises	55	35.1	34.7	35.3	35.6	--	--	--	--	--	--
Offices of bank holding companies and of other holding companies.....	551111,2	37.7	37.5	38.7	40.1	--	--	--	--	--	--
Managing offices.....	551114	35.0	34.6	35.1	35.4	--	--	--	--	--	--
Administrative and waste services.....	56	33.6	32.8	32.9	33.3	--	--	--	--	--	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Financial activities-Continued											
Real estate property managers.....	53131	\$13.78	\$13.65	\$14.33	\$14.69	--	\$468.52	\$457.28	\$470.02	\$487.71	--
Residential property managers.....	531311	12.69	12.67	13.16	13.30	--	425.12	419.38	422.44	436.24	--
Nonresidential property managers.....	531312	16.25	15.92	16.78	17.70	--	573.63	546.06	578.91	605.34	--
Rental and leasing services.....	532	12.32	12.18	12.60	12.39	--	400.40	393.41	401.94	396.48	--
Automotive equipment rental and leasing.....	5321	11.50	11.49	11.79	11.92	--	391.00	396.41	377.28	383.82	--
Passenger car rental and leasing.....	53211	11.33	11.33	11.78	11.98	--	372.76	381.82	364.00	372.58	--
Consumer goods rental.....	5322	10.33	10.13	10.35	10.09	--	285.11	273.51	287.73	282.52	--
Video tape and disc rental.....	53223	7.55	7.45	7.61	7.62	--	164.59	161.67	165.90	172.97	--
Miscellaneous consumer goods rental.....	53221,2,9	12.34	12.15	12.31	11.96	--	423.26	403.38	424.70	407.84	--
General rental centers.....	5323	16.42	16.34	15.88	15.74	--	586.19	567.00	574.86	579.23	--
Machinery and equipment rental and leasing.....	5324	15.27	15.08	16.88	16.36	--	635.23	630.34	708.96	680.58	--
Heavy machinery rental and leasing.....	53241	15.15	14.74	17.05	15.94	--	698.42	686.88	782.60	723.68	--
Professional and business services.....		16.82	16.77	17.18	17.25	\$17.08	585.34	570.18	584.12	596.85	\$580.72
Professional and technical services.....	54	22.24	22.00	22.50	22.67	--	809.54	776.60	792.00	820.65	--
Legal services.....	5411	23.06	22.64	22.17	22.36	--	850.91	808.25	789.25	818.38	--
Offices of lawyers.....	54111	23.61	23.19	22.64	22.86	--	868.85	825.56	801.46	832.10	--
Other legal services.....	54119	15.29	14.78	16.27	16.01	--	585.61	540.95	611.75	624.39	--
Accounting and bookkeeping services.....	5412	16.37	16.37	16.73	16.94	--	556.58	546.76	552.09	574.27	--
Offices of certified public accountants.....	541211	18.47	18.45	18.63	18.91	--	622.44	603.32	622.24	650.50	--
Tax preparation services.....	541213	11.54	12.74	13.19	15.09	--	336.97	393.67	348.22	430.07	--
Payroll services.....	541214	15.92	15.78	17.49	16.98	--	619.29	607.53	627.89	611.28	--
Other accounting services.....	541219	14.66	14.61	14.20	14.23	--	486.71	476.29	461.50	471.01	--
Architectural and engineering services.....	5413	21.30	21.19	22.32	22.33	--	826.44	807.34	854.86	866.40	--
Architectural services.....	54131	21.21	20.70	20.96	21.14	--	793.25	755.55	806.96	830.80	--
Landscape architectural services.....	54132	15.92	15.78	16.18	16.40	--	593.82	582.28	597.04	610.08	--
Engineering and drafting services.....	54133,4	22.84	22.86	24.16	24.17	--	895.33	880.11	930.16	942.63	--
Building inspection, surveying, and mapping services.....	54135,6,7	16.77	16.51	17.37	17.51	--	647.32	622.43	653.11	660.13	--
Testing laboratories.....	54138	16.81	16.78	17.98	17.75	--	653.91	642.67	676.05	681.60	--
Specialized design services.....	5414	16.61	16.34	16.57	16.47	--	574.71	567.00	593.21	586.33	--
Interior design services.....	54141	15.47	15.56	15.48	14.53	--	543.00	547.71	521.68	476.58	--
Graphic design services.....	54143	16.58	15.96	17.65	17.71	--	573.67	558.60	623.05	635.79	--
Computer systems design and related services.....	5415	29.52	29.10	29.57	29.94	--	1,157.18	1,097.07	1,108.88	1,149.70	--
Custom computer programming services.....	541511	30.83	30.31	30.68	30.92	--	1,217.79	1,157.84	1,181.18	1,221.34	--
Computer systems design services.....	541512	30.77	30.30	30.75	31.06	--	1,209.26	1,142.31	1,122.38	1,167.86	--
Other computer-related services.....	541519	24.25	23.72	24.64	25.65	--	928.78	868.15	928.93	979.83	--
Management and technical consulting services.....	5416	23.02	22.71	23.33	23.53	--	835.63	785.77	814.22	851.79	--
Management consulting services.....	54161	23.52	23.13	23.40	23.65	--	851.42	800.30	821.34	858.50	--
Administrative management consulting services.....	541611	23.32	23.14	22.39	22.59	--	827.86	770.56	788.13	829.05	--
Human resource consulting services.....	541612	24.78	24.48	25.13	25.48	--	911.90	871.49	904.68	945.31	--
Marketing consulting services.....	541613	21.91	21.62	21.82	21.87	--	821.63	778.32	750.61	776.39	--
Process and logistics consulting services.....	541614	22.74	21.01	21.32	21.82	--	818.64	745.86	756.86	783.34	--
Other management consulting services.....	541618	24.45	24.36	27.65	28.00	--	894.87	864.78	940.10	985.60	--
Environmental consulting services.....	54162	22.50	22.34	23.18	22.77	--	834.75	826.58	822.89	824.27	--
Other technical consulting services.....	54169	18.40	18.60	22.80	23.23	--	664.24	593.34	731.88	801.44	--
Scientific research and development services.....	5417	23.16	23.03	25.03	25.04	--	849.97	819.87	898.58	923.98	--
Physical, engineering, and biological research.....	54171	23.42	23.34	25.52	25.47	--	864.20	837.91	928.93	950.03	--
Social science and humanities research.....	54172	21.33	20.72	21.43	21.89	--	750.82	694.12	698.62	753.02	--
Advertising and related services.....	5418	17.81	17.60	17.46	17.76	--	619.79	591.36	590.15	618.05	--
Advertising agencies.....	54181	21.47	21.15	20.78	21.02	--	772.92	731.79	725.22	760.92	--
Public relations agencies.....	54182	21.05	21.15	21.75	21.71	--	749.38	733.91	767.78	794.59	--
Direct mail advertising.....	54186	12.74	12.56	13.39	13.74	--	463.74	452.16	492.75	512.50	--
Advertising material distribution and other advertising services.....	54187,9	13.01	13.04	11.80	12.00	--	370.79	358.60	325.68	327.60	--
Other professional and technical services.....	5419	14.30	14.44	15.29	15.09	--	398.97	394.21	408.24	417.99	--
Marketing research and public opinion polling.....	54191	18.53	18.80	19.90	19.55	--	494.75	494.44	513.42	527.85	--
Photographic services.....	54192	11.32	11.62	13.25	12.34	--	306.77	292.82	323.30	291.22	--
Veterinary services.....	54194	12.61	12.64	13.10	13.02	--	346.78	347.60	345.84	364.56	--
Miscellaneous professional and technical services.....	54193,9	17.11	17.43	17.26	17.83	--	590.30	557.76	585.11	613.35	--
Management of companies and enterprises.....	55	16.17	16.33	16.73	16.84	--	567.57	566.65	590.57	599.50	--
Offices of bank holding companies and of other holding companies.....	551111,2	20.67	20.51	21.85	21.99	--	779.26	769.13	845.60	881.80	--
Managing offices.....	551114	15.93	16.12	16.47	16.56	--	557.55	557.75	578.10	586.22	--
Administrative and waste services.....	56	12.60	12.64	12.99	12.96	--	423.36	414.59	427.37	431.57	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Professional and business services-Continued											
Administrative and support services.....	561	33.2	32.4	32.6	33.0	--	--	--	--	--	--
Office administrative services.....	5611	35.2	33.1	34.0	34.7	--	--	--	--	--	--
Facilities support services.....	5612	36.9	36.2	38.7	40.1	--	--	--	--	--	--
Employment services.....	5613	33.0	32.1	32.1	32.4	--	--	--	--	--	--
Employment placement agencies.....	56131	31.1	30.7	31.4	32.1	--	--	--	--	--	--
Temporary help services.....	56132	32.8	31.5	31.9	32.0	--	--	--	--	--	--
Professional employer organizations.....	56133	34.3	34.5	33.0	33.6	--	--	--	--	--	--
Business support services.....	5614	32.0	31.3	32.0	32.8	--	--	--	--	--	--
Telephone call centers.....	56142	28.9	28.4	29.5	30.3	--	--	--	--	--	--
Telephone answering services.....	561421	31.8	30.9	33.9	33.4	--	--	--	--	--	--
Telemarketing bureaus.....	561422	28.4	28.0	28.8	29.8	--	--	--	--	--	--
Business service centers.....	56143	35.3	35.5	36.8	36.9	--	--	--	--	--	--
Collection agencies.....	56144	37.8	34.7	35.5	36.1	--	--	--	--	--	--
Other business support services.....	56149	33.7	33.7	33.7	34.8	--	--	--	--	--	--
Travel arrangement and reservation services.....	5615	34.1	33.3	33.5	34.2	--	--	--	--	--	--
Travel agencies.....	56151	35.2	34.0	34.1	34.4	--	--	--	--	--	--
Tour operators.....	56152	30.8	32.9	34.0	33.5	--	--	--	--	--	--
Other travel arrangement services.....	56159	33.7	32.5	32.7	34.2	--	--	--	--	--	--
Investigation and security services.....	5616	35.7	35.7	34.6	35.1	--	--	--	--	--	--
Security and armored car services.....	56161	35.0	35.0	34.1	34.5	--	--	--	--	--	--
Security guards and patrols and armored car services.....	561612,3	34.9	35.0	34.3	34.8	--	--	--	--	--	--
Security systems services.....	56162	41.2	40.8	38.6	39.6	--	--	--	--	--	--
Services to buildings and dwellings.....	5617	32.5	31.7	32.1	32.5	--	--	--	--	--	--
Exterminating and pest control services.....	56171	35.9	34.4	35.4	37.2	--	--	--	--	--	--
Janitorial services.....	56172	27.5	26.8	27.1	27.5	--	--	--	--	--	--
Landscaping services.....	56173	39.3	38.3	39.3	39.2	--	--	--	--	--	--
Carpet and upholstery cleaning services.....	56174	34.5	33.4	31.5	31.9	--	--	--	--	--	--
Other services to buildings and dwellings.....	56179	34.4	33.5	35.5	35.2	--	--	--	--	--	--
Other support services.....	5619	32.6	32.4	32.3	32.3	--	--	--	--	--	--
Packaging and labeling services.....	56191	34.7	34.1	32.3	33.3	--	--	--	--	--	--
Convention and trade show organizers.....	56192	33.4	33.6	35.4	33.6	--	--	--	--	--	--
All other support services.....	56199	31.7	31.6	31.5	31.7	--	--	--	--	--	--
Waste management and remediation services.....	562	42.0	41.7	41.9	42.4	--	--	--	--	--	--
Waste collection.....	5621	42.0	42.7	42.1	42.1	--	--	--	--	--	--
Waste treatment and disposal.....	5622	41.9	41.6	40.9	42.1	--	--	--	--	--	--
Nonhazardous waste treatment and disposal.....	562212,3,9	43.6	43.2	41.7	42.6	--	--	--	--	--	--
Remediation and other waste services.....	5629	42.2	40.9	42.9	43.1	--	--	--	--	--	--
Remediation services.....	56291	41.6	39.4	41.2	41.4	--	--	--	--	--	--
Education and health services.....		32.7	32.4	32.3	32.7	32.5	--	--	--	--	--
Health care and social assistance.....	62	32.6	32.3	32.3	32.7	--	--	--	--	--	--
Ambulatory health care services.....	621	31.4	30.9	31.1	31.5	--	--	--	--	--	--
Offices of physicians.....	6211	33.5	32.5	32.7	33.3	--	--	--	--	--	--
Offices of physicians, except mental health.....	621111	33.6	32.6	32.8	33.4	--	--	--	--	--	--
Offices of mental health physicians.....	621112	30.8	29.3	29.5	30.2	--	--	--	--	--	--
Offices of dentists.....	6212	27.5	27.3	27.5	27.6	--	--	--	--	--	--
Offices of other health practitioners.....	6213	30.1	29.7	28.9	29.5	--	--	--	--	--	--
Offices of chiropractors.....	62131	24.2	24.1	25.2	25.6	--	--	--	--	--	--
Offices of optometrists.....	62132	31.3	30.7	30.6	31.0	--	--	--	--	--	--
Offices of mental health practitioners.....	62133	34.4	33.9	31.7	31.4	--	--	--	--	--	--
Offices of specialty therapists.....	62134	30.9	30.6	29.8	30.6	--	--	--	--	--	--
Offices of all other health practitioners.....	62139	31.2	30.8	27.4	29.0	--	--	--	--	--	--
Outpatient care centers.....	6214	31.2	30.9	32.1	32.6	--	--	--	--	--	--
Outpatient mental health centers.....	62142	32.3	31.7	31.9	32.5	--	--	--	--	--	--
Outpatient care centers, except mental health.....	62141,9	30.7	30.5	32.2	32.6	--	--	--	--	--	--
Miscellaneous outpatient care centers.....	621410,98	31.6	31.3	31.7	31.5	--	--	--	--	--	--
Medical and diagnostic laboratories.....	6215	36.1	35.3	35.6	35.6	--	--	--	--	--	--
Medical laboratories.....	621511	36.8	35.9	35.8	35.6	--	--	--	--	--	--
Home health care services.....	6216	28.2	28.8	29.0	29.0	--	--	--	--	--	--
Other ambulatory health care services.....	6219	35.7	35.8	36.1	36.3	--	--	--	--	--	--
Ambulance services.....	62191	37.0	37.2	37.5	37.1	--	--	--	--	--	--
All other ambulatory health care services.....	62199	33.8	33.8	34.1	35.2	--	--	--	--	--	--
Blood and organ banks.....	621991	34.5	34.5	35.2	35.6	--	--	--	--	--	--
Hospitals.....	622	34.4	34.2	34.6	34.9	--	--	--	--	--	--
General medical and surgical hospitals.....	6221	34.5	34.2	34.6	34.9	--	--	--	--	--	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Professional and business services-Continued											
Administrative and support services.....	561	\$12.36	\$12.39	\$12.77	\$12.73	--	\$410.35	\$401.44	\$416.30	\$420.09	--
Office administrative services.....	5611	15.46	15.58	16.54	16.66	--	544.19	515.70	562.36	578.10	--
Facilities support services.....	5612	17.11	17.35	18.20	18.23	--	631.36	628.07	704.34	731.02	--
Employment services.....	5613	12.93	12.99	13.43	13.31	--	426.69	416.98	431.10	431.24	--
Employment placement agencies.....	56131	13.91	13.97	14.44	14.06	--	432.60	428.88	453.42	451.33	--
Temporary help services.....	56132	12.68	12.78	12.64	12.45	--	415.90	402.57	403.22	398.40	--
Professional employer organizations.....	56133	13.34	13.24	15.37	15.53	--	457.56	456.78	507.21	521.81	--
Business support services.....	5614	12.08	11.87	12.23	12.43	--	386.56	371.53	391.36	407.70	--
Telephone call centers.....	56142	10.27	10.40	10.14	10.46	--	296.80	295.36	299.13	316.94	--
Telephone answering services.....	561421	10.46	10.34	10.98	11.37	--	332.63	319.51	372.22	379.76	--
Telemarketing bureaus.....	561422	10.24	10.41	9.99	10.30	--	290.82	291.48	287.71	306.94	--
Business service centers.....	56143	12.88	12.23	13.79	13.71	--	454.66	434.17	507.47	505.90	--
Collection agencies.....	56144	13.02	12.17	12.88	13.27	--	492.16	422.30	457.24	479.05	--
Other business support services.....	56149	14.70	14.82	14.98	14.96	--	495.39	499.43	504.83	520.61	--
Travel arrangement and reservation services.....	5615	13.83	14.01	14.56	14.57	--	471.60	466.53	487.76	498.29	--
Travel agencies.....	56151	15.40	15.81	16.34	16.38	--	542.08	537.54	557.19	563.47	--
Tour operators.....	56152	12.70	12.62	13.00	13.25	--	391.16	415.20	442.00	443.88	--
Other travel arrangement services.....	56159	12.16	12.14	12.77	12.72	--	409.79	394.55	417.58	435.02	--
Investigation and security services.....	5616	10.55	10.61	10.80	10.90	--	376.64	378.78	373.68	382.59	--
Security and armored car services.....	56161	9.89	9.94	10.16	10.22	--	346.15	347.90	346.46	352.59	--
Security guards and patrols and armored car services.....	561612,3	9.63	9.70	9.85	9.90	--	336.09	339.50	337.86	344.52	--
Security systems services.....	56162	14.94	14.92	14.96	15.37	--	615.53	608.74	577.46	608.65	--
Services to buildings and dwellings.....	5617	10.72	10.77	11.00	10.98	--	348.40	341.41	353.10	356.85	--
Exterminating and pest control services.....	56171	13.94	13.99	15.30	15.14	--	500.45	481.26	541.62	563.21	--
Janitorial services.....	56172	9.39	9.39	9.27	9.31	--	258.23	251.65	251.22	256.03	--
Landscaping services.....	56173	11.46	11.52	11.97	11.85	--	450.38	441.22	470.42	464.52	--
Carpet and upholstery cleaning services.....	56174	11.25	11.78	12.44	12.27	--	388.13	393.45	391.86	391.41	--
Other services to buildings and dwellings.....	56179	13.37	13.45	14.09	13.90	--	459.93	450.58	500.20	489.28	--
Other support services.....	5619	14.43	14.50	14.39	13.89	--	470.42	469.80	464.80	448.65	--
Packaging and labeling services.....	56191	10.25	10.36	10.54	10.56	--	355.68	353.28	340.44	351.65	--
Convention and trade show organizers.....	56192	23.36	23.49	21.38	19.16	--	780.22	789.26	756.85	643.78	--
All other support services.....	56199	13.08	13.13	13.55	13.53	--	414.64	414.91	426.83	428.90	--
Waste management and remediation services.....	562	17.11	17.32	17.21	17.31	--	718.62	722.24	721.10	733.94	--
Waste collection.....	5621	14.52	14.87	15.20	15.38	--	609.84	634.95	639.92	647.50	--
Waste treatment and disposal.....	5622	17.39	17.35	17.65	17.80	--	728.64	721.76	721.89	749.38	--
Nonhazardous waste treatment and disposal.....	562212,3,9	15.82	15.50	15.98	16.40	--	689.75	669.60	666.37	698.64	--
Remediation and other waste services.....	5629	19.44	19.90	18.81	18.72	--	820.37	813.91	806.95	806.83	--
Remediation services.....	56291	22.55	23.38	22.87	22.30	--	938.08	921.17	942.24	923.22	--
Education and health services.....		15.12	15.23	15.58	15.62	\$15.70	494.42	493.45	503.23	510.77	\$510.25
Health care and social assistance.....	62	15.21	15.33	15.77	15.78	--	495.85	495.16	509.37	516.01	--
Ambulatory health care services.....	621	16.18	16.21	16.76	16.83	--	508.05	500.89	521.24	530.15	--
Offices of physicians.....	6211	16.83	16.96	17.81	17.85	--	563.81	551.20	582.39	594.41	--
Offices of physicians, except mental health.....	621111	16.82	16.96	17.83	17.87	--	565.15	552.90	584.82	596.86	--
Offices of mental health physicians.....	621112	17.30	17.10	16.61	16.38	--	532.84	501.03	490.00	494.68	--
Offices of dentists.....	6212	17.89	17.83	18.09	18.26	--	491.98	486.76	497.48	503.98	--
Offices of other health practitioners.....	6213	15.50	15.53	15.43	15.44	--	466.55	461.24	445.93	455.48	--
Offices of chiropractors.....	62131	12.70	12.80	13.01	12.92	--	307.34	308.48	327.85	330.75	--
Offices of optometrists.....	62132	12.16	12.31	12.52	12.54	--	380.61	377.92	383.11	388.74	--
Offices of mental health practitioners.....	62133	15.79	15.91	15.22	15.24	--	543.18	539.35	482.47	478.54	--
Offices of specialty therapists.....	62134	17.80	17.80	18.01	18.01	--	550.02	544.68	536.70	551.11	--
Offices of all other health practitioners.....	62139	16.71	16.52	16.08	16.21	--	521.35	508.82	440.59	470.09	--
Outpatient care centers.....	6214	16.40	16.36	17.47	17.62	--	511.68	505.52	560.79	574.41	--
Outpatient mental health centers.....	62142	14.87	14.87	15.15	15.31	--	480.30	471.38	483.29	497.58	--
Outpatient care centers, except mental health.....	62141,9	17.20	17.14	18.59	18.74	--	528.04	522.77	598.60	610.92	--
Miscellaneous outpatient care centers.....	621410,98	16.41	16.37	18.28	18.38	--	518.56	512.38	579.48	578.97	--
Medical and diagnostic laboratories.....	6215	17.15	17.23	17.61	17.75	--	619.12	608.22	626.92	631.90	--
Medical laboratories.....	621511	16.77	16.92	17.11	17.30	--	617.14	607.43	612.54	615.88	--
Home health care services.....	6216	13.39	13.27	13.54	13.58	--	377.60	382.18	392.66	393.82	--
Other ambulatory health care services.....	6219	13.60	13.78	13.82	13.89	--	485.52	493.32	498.90	504.21	--
Ambulance services.....	62191	12.46	12.79	12.50	12.58	--	461.02	475.79	468.75	466.72	--
All other ambulatory health care services.....	62199	15.33	15.28	15.79	15.83	--	518.15	516.46	538.44	557.22	--
Blood and organ banks.....	621991	14.54	14.72	15.36	15.24	--	501.63	507.84	540.67	542.54	--
Hospitals.....	622	18.47	18.67	19.20	19.14	--	635.37	638.51	664.32	667.99	--
General medical and surgical hospitals.....	6221	18.53	18.74	19.31	19.24	--	639.29	640.91	668.13	671.48	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Education and health services-Continued											
Psychiatric and substance abuse hospitals.....	6222	35.5	35.7	37.2	36.8	--	--	--	--	--	--
Other hospitals.....	6223	32.2	32.5	32.3	32.5	--	--	--	--	--	--
Nursing and residential care facilities.....	623	33.3	33.1	32.2	33.0	--	--	--	--	--	--
Nursing care facilities.....	6231	32.9	32.8	31.9	32.6	--	--	--	--	--	--
Residential mental health facilities.....	6232	34.8	34.2	33.3	34.6	--	--	--	--	--	--
Residential mental retardation facilities.....	62321	34.5	34.0	33.1	34.3	--	--	--	--	--	--
Residential mental and substance abuse care.....	62322	35.4	34.6	33.7	35.2	--	--	--	--	--	--
Community care facilities for the elderly.....	6233	32.5	32.5	31.7	32.4	--	--	--	--	--	--
Continuing care retirement communities.....	623311	32.7	32.9	31.9	32.7	--	--	--	--	--	--
Homes for the elderly.....	623312	32.3	32.2	31.5	32.2	--	--	--	--	--	--
Other residential care facilities.....	6239	35.4	34.2	34.1	35.0	--	--	--	--	--	--
Social assistance.....	624	30.7	30.3	30.0	30.5	--	--	--	--	--	--
Individual and family services.....	6241	31.4	31.1	30.6	30.9	--	--	--	--	--	--
Child and youth services.....	62411	30.9	30.6	29.9	30.9	--	--	--	--	--	--
Services for the elderly and disabled.....	62412	31.8	31.3	31.1	31.2	--	--	--	--	--	--
Other individual and family services.....	62419	31.2	31.0	30.2	30.4	--	--	--	--	--	--
Emergency and other relief services.....	6242	31.6	31.5	29.8	30.3	--	--	--	--	--	--
Community food services.....	62421	28.3	27.9	28.6	28.9	--	--	--	--	--	--
Community housing, emergency, and relief services.....	62422,3	32.6	32.6	30.2	30.8	--	--	--	--	--	--
Vocational rehabilitation services.....	6243	29.5	29.3	29.3	29.9	--	--	--	--	--	--
Child day care services.....	6244	30.3	29.9	29.7	30.4	--	--	--	--	--	--
Leisure and hospitality.....		26.4	26.5	25.5	26.1	26.2	--	--	--	--	--
Arts, entertainment, and recreation.....	71	26.5	26.9	25.1	26.1	--	--	--	--	--	--
Performing arts and spectator sports.....	711	27.3	26.8	26.3	27.3	--	--	--	--	--	--
Performing arts companies.....	7111	23.1	22.8	24.3	24.5	--	--	--	--	--	--
Musical groups and artists.....	71113	18.3	19.5	18.4	16.3	--	--	--	--	--	--
Theater, dance, and other performing arts companies.....	71111,12,19	25.9	24.8	26.5	27.5	--	--	--	--	--	--
Spectator sports.....	7112	29.6	28.9	27.3	28.7	--	--	--	--	--	--
Racetracks.....	711212	28.3	27.7	27.0	27.5	--	--	--	--	--	--
Arts and sports promoters and agents and managers for public figures.....	7113,4	27.4	27.6	25.0	26.6	--	--	--	--	--	--
Independent artists, writers, and performers.....	7115	33.0	30.7	31.0	30.9	--	--	--	--	--	--
Museums, historical sites, zoos, and parks.....	712	29.7	29.9	28.0	28.7	--	--	--	--	--	--
Museums.....	71211	30.0	29.7	28.7	29.4	--	--	--	--	--	--
Zoos, botanical gardens, nature parks, and similar institutions.....	71213,9	31.4	32.1	27.7	28.5	--	--	--	--	--	--
Amusements, gambling, and recreation.....	713	26.1	26.7	24.6	25.7	--	--	--	--	--	--
Amusement parks and arcades.....	7131	28.3	30.9	23.3	26.7	--	--	--	--	--	--
Amusement and theme parks.....	71311	28.0	30.6	22.3	26.0	--	--	--	--	--	--
Gambling industries.....	7132	33.4	33.3	34.1	34.4	--	--	--	--	--	--
Casinos, except casino hotels.....	71321	34.4	34.7	35.6	36.0	--	--	--	--	--	--
Other gambling industries.....	71329	29.5	28.0	28.1	28.3	--	--	--	--	--	--
Other amusement and recreation industries.....	7139	24.9	25.2	23.6	24.5	--	--	--	--	--	--
Golf courses and country clubs.....	71391	28.2	28.4	27.0	27.9	--	--	--	--	--	--
Skiing facilities.....	71392	22.3	23.1	22.5	24.7	--	--	--	--	--	--
Marinas.....	71393	36.9	36.5	33.4	35.0	--	--	--	--	--	--
Fitness and recreational sports centers.....	71394	22.6	23.0	21.3	21.9	--	--	--	--	--	--
Bowling centers.....	71395	22.9	23.0	22.7	23.4	--	--	--	--	--	--
All other amusement and recreation industries.....	71399	23.6	24.4	21.9	24.1	--	--	--	--	--	--
Accommodations and food services ³	72	26.4	26.4	25.6	26.1	--	--	--	--	--	--
Accommodations.....	721	30.5	30.1	29.6	30.3	--	--	--	--	--	--
Traveler accommodations and other longer-term accommodations.....	7211,3	30.6	30.1	29.6	30.4	--	--	--	--	--	--
Hotels and motels, except casino hotels.....	72111	29.9	29.6	28.8	29.7	--	--	--	--	--	--
Miscellaneous traveler accommodations.....	72119,31	24.7	22.5	27.6	27.7	--	--	--	--	--	--
RV parks and recreational camps.....	7212	29.5	32.0	28.9	29.0	--	--	--	--	--	--
RV parks and campgrounds.....	721211	27.8	31.0	27.2	27.1	--	--	--	--	--	--
Recreational and vacation camps.....	721214	31.6	33.1	30.9	30.3	--	--	--	--	--	--
Food services and drinking places.....	722	25.6	25.6	24.7	25.3	--	--	--	--	--	--
Full-service restaurants.....	7221	25.8	26.1	25.6	26.0	--	--	--	--	--	--
Limited-service eating places.....	7222	25.4	25.2	24.1	24.9	--	--	--	--	--	--
Limited-service restaurants.....	722211	25.5	25.3	24.1	24.9	--	--	--	--	--	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Education and health services-Continued											
Psychiatric and substance abuse hospitals.....	6222	\$15.91	\$16.26	\$16.39	\$16.55	--	\$564.81	\$580.48	\$609.71	\$609.04	--
Other hospitals.....	6223	18.22	18.31	17.90	17.86	--	586.68	595.08	578.17	580.45	--
Nursing and residential care facilities.....	623	11.52	11.64	11.79	11.80	--	383.62	385.28	379.64	389.40	--
Nursing care facilities.....	6231	12.04	12.17	12.44	12.46	--	396.12	399.18	396.84	406.20	--
Residential mental health facilities.....	6232	10.73	10.81	10.77	10.77	--	373.40	369.70	358.64	372.64	--
Residential mental retardation facilities.....	62321	10.28	10.41	10.34	10.31	--	354.66	353.94	342.25	353.63	--
Residential mental and substance abuse care.....	62322	11.73	11.71	11.72	11.79	--	415.24	405.17	394.96	415.01	--
Community care facilities for the elderly.....	6233	10.62	10.78	10.78	10.74	--	345.15	350.35	341.73	347.98	--
Continuing care retirement communities.....	623311	11.24	11.34	11.42	11.43	--	367.55	373.09	364.30	373.76	--
Homes for the elderly.....	623312	10.12	10.32	10.27	10.20	--	326.88	332.30	323.51	328.44	--
Other residential care facilities.....	6239	11.75	11.77	11.96	12.01	--	415.95	402.53	407.84	420.35	--
Social assistance.....	624	10.51	10.53	10.75	10.86	--	322.66	319.06	322.50	331.23	--
Individual and family services.....	6241	11.41	11.40	11.74	11.84	--	358.27	354.54	359.24	365.86	--
Child and youth services.....	62411	12.81	12.62	13.28	13.37	--	395.83	386.17	397.07	413.13	--
Services for the elderly and disabled.....	62412	9.84	9.96	10.24	10.33	--	312.91	311.75	318.46	322.30	--
Other individual and family services.....	62419	12.71	12.64	12.91	13.05	--	396.55	391.84	389.88	396.72	--
Emergency and other relief services.....	6242	11.76	11.72	11.78	11.95	--	371.62	369.18	351.04	362.09	--
Community food services.....	62421	10.58	10.59	11.00	11.05	--	299.41	295.46	314.60	319.35	--
Community housing, emergency, and relief services.....	62422,3	12.07	12.01	12.03	12.23	--	393.48	391.53	363.31	376.68	--
Vocational rehabilitation services.....	6243	10.33	10.31	10.72	10.93	--	304.74	302.08	314.10	326.81	--
Child day care services.....	6244	9.45	9.46	9.54	9.56	--	286.34	282.85	283.34	290.62	--
Leisure and hospitality.....		8.51	8.49	8.72	8.70	\$8.66	224.66	224.99	222.36	227.07	\$226.89
Arts, entertainment, and recreation.....	71	11.17	11.10	11.92	11.46	--	296.01	298.59	299.19	299.11	--
Performing arts and spectator sports.....	711	15.25	15.39	16.57	16.25	--	416.33	412.45	435.79	443.63	--
Performing arts companies.....	7111	14.21	14.51	16.83	16.63	--	328.25	330.83	408.97	407.44	--
Musical groups and artists.....	71113	17.97	17.14	17.25	17.33	--	328.85	334.23	317.40	282.48	--
Theater, dance, and other performing arts companies.....	71111,12,19	12.70	13.29	16.72	16.48	--	328.93	329.59	443.08	453.20	--
Spectator sports.....	7112	16.59	16.26	15.40	15.04	--	491.06	469.91	420.42	431.65	--
Racetracks.....	711212	11.37	11.32	11.31	11.38	--	321.77	313.56	305.37	312.95	--
Arts and sports promoters and agents and managers for public figures.....	7113,4	14.52	15.20	17.08	16.76	--	397.85	419.52	427.00	445.82	--
Independent artists, writers, and performers.....	7115	14.57	14.90	18.91	18.67	--	480.81	457.43	586.21	576.90	--
Museums, historical sites, zoos, and parks.....	712	12.11	11.98	12.66	12.38	--	359.67	358.20	354.48	355.31	--
Museums.....	71211	13.30	13.20	13.78	13.58	--	399.00	392.04	395.49	399.25	--
Zoos, botanical gardens, nature parks, and similar institutions.....	71213,9	10.01	9.97	10.76	10.44	--	314.31	320.04	298.05	297.54	--
Amusements, gambling, and recreation.....	713	10.13	10.08	10.58	10.22	--	264.39	269.14	260.27	262.65	--
Amusement parks and arcades.....	7131	8.39	8.41	9.42	8.69	--	237.44	259.87	219.49	232.02	--
Amusement and theme parks.....	71311	8.23	8.25	9.34	8.53	--	230.44	252.45	208.28	221.78	--
Gambling industries.....	7132	10.34	10.41	10.41	10.39	--	345.36	346.65	354.98	357.42	--
Casinos, except casino hotels.....	71321	10.25	10.35	10.42	10.38	--	352.60	359.15	370.95	373.68	--
Other gambling industries.....	71329	10.73	10.70	10.38	10.42	--	316.54	299.60	291.68	294.89	--
Other amusement and recreation industries.....	7139	10.45	10.40	10.81	10.50	--	260.21	262.08	255.12	257.25	--
Golf courses and country clubs.....	71391	10.20	10.19	10.65	10.31	--	287.64	289.40	287.55	287.65	--
Skiing facilities.....	71392	10.91	10.86	11.83	11.41	--	243.29	250.87	266.18	281.83	--
Marinas.....	71393	11.02	10.94	12.60	12.10	--	406.64	399.31	420.84	423.50	--
Fitness and recreational sports centers.....	71394	11.06	10.92	11.23	10.93	--	249.96	251.16	239.20	239.37	--
Bowling centers.....	71395	8.84	9.07	8.95	9.07	--	202.44	208.61	203.17	212.24	--
All other amusement and recreation industries.....	71399	9.45	9.44	9.93	9.51	--	223.02	230.34	217.47	229.19	--
Accommodations and food services ³	72	8.02	7.98	8.19	8.19	--	211.73	210.67	209.66	213.76	--
Accommodations.....	721	9.98	9.80	10.27	10.16	--	304.39	294.98	303.99	307.85	--
Traveler accommodations and other longer-term accommodations.....	7211,3	9.99	9.81	10.27	10.18	--	305.69	295.28	303.99	309.47	--
Hotels and motels, except casino hotels.....	72111	9.80	9.64	10.06	9.97	--	293.02	285.34	289.73	296.11	--
Miscellaneous traveler accommodations.....	72119,31	9.12	9.14	9.44	9.69	--	225.26	205.65	260.54	268.41	--
RV parks and recreational camps.....	7212	9.69	9.27	10.04	9.57	--	285.86	296.64	290.16	277.53	--
RV parks and campgrounds.....	721211	9.70	9.53	9.57	9.34	--	269.66	295.43	260.30	253.11	--
Recreational and vacation camps.....	721214	9.68	9.03	10.52	9.71	--	305.89	298.89	325.07	294.21	--
Food services and drinking places.....	722	7.52	7.52	7.70	7.70	--	192.51	192.51	190.19	194.81	--
Full-service restaurants.....	7221	7.55	7.56	7.74	7.75	--	194.79	197.32	198.14	201.50	--
Limited-service eating places.....	7222	7.17	7.14	7.28	7.26	--	182.12	179.93	175.45	180.77	--
Limited-service restaurants.....	722211	7.10	7.08	7.23	7.20	--	181.05	179.12	174.24	179.28	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average weekly hours					Average overtime hours				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Leisure and hospitality—Continued											
Cafeterias.....	722212	28.1	27.6	26.5	26.7	--	--	--	--	--	--
Snack and nonalcoholic beverage bars.....	722213	23.8	23.7	22.7	23.6	--	--	--	--	--	--
Special food services.....	7223	25.7	25.5	24.6	24.1	--	--	--	--	--	--
Food service contractors.....	72231	27.2	27.4	25.9	24.9	--	--	--	--	--	--
Caterers and mobile food services.....	72232,3	22.2	21.0	21.5	22.2	--	--	--	--	--	--
Drinking places, alcoholic beverages.....	7224	23.6	23.4	21.9	22.5	--	--	--	--	--	--
Other services.....		32.3	32.1	31.7	32.0	31.8	--	--	--	--	--
Repair and maintenance.....	811	36.5	36.0	35.8	36.3	--	--	--	--	--	--
Automotive repair and maintenance.....	8111	35.7	35.5	35.2	35.7	--	--	--	--	--	--
Automotive mechanical and electrical repair.....	81111	36.9	36.7	37.0	37.5	--	--	--	--	--	--
General automotive repair.....	811111	36.4	36.3	36.7	37.0	--	--	--	--	--	--
Automotive exhaust system repair.....	811112	41.7	43.0	39.5	41.6	--	--	--	--	--	--
Other automotive mechanical and elec. repair.....	811118	36.7	35.4	37.8	38.3	--	--	--	--	--	--
Automotive body, interior, and glass repair.....	81112	38.4	37.5	38.3	38.2	--	--	--	--	--	--
Automotive body and interior repair.....	811121	38.2	37.4	38.1	38.1	--	--	--	--	--	--
Automotive glass replacement shops.....	811122	39.4	38.1	39.9	39.2	--	--	--	--	--	--
Other automotive repair and maintenance.....	81119	30.8	31.0	29.0	30.3	--	--	--	--	--	--
Car washes.....	811192	26.8	27.3	26.8	28.0	--	--	--	--	--	--
Auto oil change shops and all other auto repair and maintenance.....	811191,8	38.8	38.0	33.3	34.8	--	--	--	--	--	--
Electronic equipment repair and maintenance.....	8112	38.7	37.4	37.5	38.1	--	--	--	--	--	--
Computer and office machine repair.....	811212	37.2	36.4	37.3	37.5	--	--	--	--	--	--
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	39.9	38.2	37.6	38.5	--	--	--	--	--	--
Commercial machinery repair and maintenance.....	8113	39.4	39.0	38.1	38.0	--	--	--	--	--	--
Household goods repair and maintenance.....	8114	36.2	34.7	36.5	37.1	--	--	--	--	--	--
Personal and laundry services.....	812	30.5	30.2	30.1	30.3	--	--	--	--	--	--
Personal care services.....	8121	26.4	25.7	26.2	26.6	--	--	--	--	--	--
Hair, nail, and skin care services ³	81211	27.4	26.8	27.4	27.8	--	--	--	--	--	--
Barber shops and beauty salons.....	812111,2	27.5	26.9	27.3	27.7	--	--	--	--	--	--
Other personal care services.....	81219	21.0	19.4	20.5	20.7	--	--	--	--	--	--
Death care services.....	8122	32.0	32.4	32.0	31.7	--	--	--	--	--	--
Funeral homes and funeral services.....	81221	31.7	31.9	32.1	31.5	--	--	--	--	--	--
Cemeteries and crematories.....	81222	32.7	33.6	31.8	32.2	--	--	--	--	--	--
Dry-cleaning and laundry services.....	8123	34.4	34.4	33.9	33.7	--	--	--	--	--	--
Coin-operated laundries and dry cleaners.....	81231	32.7	32.8	29.7	29.3	--	--	--	--	--	--
Dry-cleaning and laundry services, except coin-operated.....	81232	32.7	32.5	32.5	32.4	--	--	--	--	--	--
Linen and uniform supply.....	81233	37.7	37.7	37.4	37.2	--	--	--	--	--	--
Linen supply.....	812331	38.2	38.3	37.1	37.0	--	--	--	--	--	--
Industrial laundries.....	812332	37.0	36.8	37.8	37.4	--	--	--	--	--	--
Other personal services.....	8129	33.0	33.1	32.5	33.1	--	--	--	--	--	--
Photofinishing.....	81292	33.8	33.4	32.4	33.2	--	--	--	--	--	--
Parking lots and garages.....	81293	33.7	34.1	34.2	34.4	--	--	--	--	--	--
All other personal services.....	81299	34.8	34.4	33.7	35.0	--	--	--	--	--	--
Membership associations and organizations.....	813	31.5	31.3	30.7	31.0	--	--	--	--	--	--
Grantmaking and giving services.....	8132	31.8	30.3	30.0	31.5	--	--	--	--	--	--
Grantmaking foundations.....	813211	28.0	26.8	24.7	26.7	--	--	--	--	--	--
Other grantmaking and giving services.....	813219	32.1	30.8	31.8	31.9	--	--	--	--	--	--
Social advocacy organizations.....	8133	33.2	32.6	32.4	32.5	--	--	--	--	--	--
Human rights organizations.....	813311	32.9	33.5	30.8	30.4	--	--	--	--	--	--
Environment, conservation, and other social advocacy organizations.....	813312,9	33.3	32.3	32.9	33.1	--	--	--	--	--	--
Civic and social organizations.....	8134	23.6	24.0	21.1	22.5	--	--	--	--	--	--
Professional and similar organizations.....	8139	33.6	33.0	31.8	32.5	--	--	--	--	--	--
Business associations.....	81391	37.3	35.7	33.6	35.0	--	--	--	--	--	--
Professional organizations.....	81392	35.6	34.9	34.7	36.3	--	--	--	--	--	--
Labor unions and similar labor organizations.....	81393	35.3	35.1	33.5	33.7	--	--	--	--	--	--
Miscellaneous professional and similar organizations.....	81394,9	29.5	29.6	28.4	28.9	--	--	--	--	--	--

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	2002 NAICS code	Average hourly earnings					Average weekly earnings				
		June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Leisure and hospitality-Continued											
Cafeterias.....	722212	\$7.37	\$7.31	\$7.36	\$7.29	--	\$207.10	\$201.76	\$195.04	\$194.64	--
Snack and nonalcoholic beverage bars.....	722213	7.73	7.68	7.82	7.84	--	183.97	182.02	177.51	185.02	--
Special food services.....	7223	9.90	9.90	10.33	10.49	--	254.43	252.45	254.12	252.81	--
Food service contractors.....	72231	10.18	10.16	10.48	10.65	--	276.90	278.38	271.43	265.19	--
Caterers and mobile food services.....	72232,3	9.07	9.06	9.92	10.08	--	201.35	190.26	213.28	223.78	--
Drinking places, alcoholic beverages.....	7224	7.45	7.51	7.61	7.62	--	175.82	175.73	166.66	171.45	--
Other services.....		13.70	13.68	13.99	13.97	\$13.89	442.51	439.13	443.48	447.04	\$441.70
Repair and maintenance.....	811	14.13	14.19	14.34	14.33	--	515.75	510.84	513.37	520.18	--
Automotive repair and maintenance.....	8111	13.32	13.35	13.51	13.54	--	475.52	473.93	475.55	483.38	--
Automotive mechanical and electrical repair.....	81111	14.20	14.31	14.36	14.41	--	523.98	525.18	531.32	540.38	--
General automotive repair.....	811111	14.42	14.54	14.68	14.73	--	524.89	527.80	538.76	545.01	--
Automotive exhaust system repair.....	811112	12.64	12.92	12.40	12.60	--	527.09	555.56	489.80	524.16	--
Other automotive mechanical and elec. repair.....	811118	13.30	13.28	13.50	13.46	--	488.11	470.11	510.30	515.52	--
Automotive body, interior, and glass repair.....	81112	15.22	15.25	15.42	15.50	--	584.45	571.88	590.59	592.10	--
Automotive body and interior repair.....	811121	15.44	15.47	15.65	15.77	--	589.81	578.58	596.27	600.84	--
Automotive glass replacement shops.....	811122	14.01	13.94	14.01	13.77	--	551.99	531.11	559.00	539.78	--
Other automotive repair and maintenance.....	81119	8.92	8.84	9.15	9.21	--	274.74	274.04	265.35	279.06	--
Car washes.....	811192	8.27	8.26	8.62	8.68	--	221.64	225.50	231.02	243.04	--
Auto oil change shops and all other auto repair and maintenance.....	811191,8	9.81	9.62	9.98	10.06	--	380.63	365.56	332.33	350.09	--
Electronic equipment repair and maintenance.....	8112	16.68	16.75	16.86	17.16	--	645.52	626.45	632.25	653.80	--
Computer and office machine repair.....	811212	16.37	16.47	15.53	15.91	--	608.96	599.51	579.27	596.63	--
Miscellaneous electronic equipment repair and maintenance.....	811211,3,9	16.91	16.98	17.79	18.05	--	674.71	648.64	668.90	694.93	--
Commercial machinery repair and maintenance.....	8113	16.56	16.77	17.04	16.78	--	652.46	654.03	649.22	637.64	--
Household goods repair and maintenance.....	8114	14.30	14.40	14.79	14.54	--	517.66	499.68	539.84	539.43	--
Personal and laundry services.....	812	11.06	11.09	11.50	11.52	--	337.33	334.92	346.15	349.06	--
Personal care services.....	8121	11.35	11.47	11.91	12.00	--	299.64	294.78	312.04	319.20	--
Hair, nail, and skin care services ³	81211	11.48	11.63	12.07	12.14	--	314.55	311.68	330.72	337.49	--
Barber shops and beauty salons.....	81211,2	11.63	11.79	12.22	12.33	--	319.83	317.15	333.61	341.54	--
Other personal care services.....	81219	10.38	10.23	10.91	11.02	--	217.98	198.46	223.66	228.11	--
Death care services.....	8122	13.51	13.35	14.01	13.96	--	432.32	432.54	448.32	442.53	--
Funeral homes and funeral services.....	81221	14.05	13.86	14.57	14.59	--	445.39	442.13	467.70	459.59	--
Cemeteries and crematories.....	81222	12.20	12.11	12.50	12.33	--	398.94	406.90	397.50	397.03	--
Dry-cleaning and laundry services.....	8123	9.86	9.79	9.79	9.80	--	339.18	336.78	331.88	330.26	--
Coin-operated laundries and dry cleaners.....	81231	10.40	10.26	9.82	9.94	--	340.08	336.53	291.65	291.24	--
Dry-cleaning and laundry services, except coin-operated.....	81232	8.56	8.55	8.73	8.69	--	279.91	277.88	283.73	281.56	--
Linen and uniform supply.....	81233	11.46	11.31	11.18	11.24	--	432.04	426.39	418.13	418.13	--
Linen supply.....	812331	10.59	10.61	10.87	11.02	--	404.54	406.36	403.28	407.74	--
Industrial laundrers.....	812332	12.73	12.35	11.65	11.58	--	471.01	454.48	440.37	433.09	--
Other personal services.....	8129	11.25	11.34	12.17	12.11	--	371.25	375.35	395.53	400.84	--
Photofinishing.....	81292	11.75	11.94	13.09	13.01	--	397.15	398.80	424.12	431.93	--
Parking lots and garages.....	81293	9.60	9.64	10.68	10.64	--	323.52	328.72	365.26	366.02	--
All other personal services.....	81299	14.28	14.43	15.61	15.64	--	496.94	496.39	526.06	547.40	--
Membership associations and organizations.....	813	14.64	14.54	14.89	14.83	--	461.16	455.10	457.12	459.73	--
Grantmaking and giving services.....	8132	16.97	16.76	17.59	18.14	--	539.65	507.83	527.70	571.41	--
Grantmaking foundations.....	813211	19.48	19.09	19.88	20.63	--	545.44	511.61	491.04	550.82	--
Other grantmaking and giving services.....	813219	14.33	14.18	15.16	15.33	--	459.99	436.74	482.09	489.03	--
Social advocacy organizations.....	8133	12.68	12.65	13.79	13.90	--	420.98	412.39	446.80	451.75	--
Human rights organizations.....	813311	13.95	13.58	13.99	14.04	--	458.96	454.93	430.89	426.82	--
Environment, conservation, and other social advocacy organizations.....	813312,9	12.26	12.34	13.74	13.86	--	408.26	398.58	452.05	458.77	--
Civic and social organizations.....	8134	10.39	10.14	10.70	10.35	--	245.20	243.36	225.77	232.88	--
Professional and similar organizations.....	8139	17.51	17.31	18.25	18.13	--	588.34	571.23	580.35	589.23	--
Business associations.....	81391	18.06	17.89	17.94	17.78	--	673.64	638.67	602.78	622.30	--
Professional organizations.....	81392	19.64	19.81	20.92	21.22	--	699.18	691.37	725.92	770.29	--
Labor unions and similar labor organizations.....	81393	23.52	23.65	24.29	24.50	--	830.26	830.12	813.72	825.65	--
Miscellaneous professional and similar organizations.....	81394,9	10.93	11.01	12.14	12.01	--	322.44	325.90	344.78	347.09	--

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

² Excludes nonoffice commissioned real estate sales agents.

³ Wage and salary payments; tips excluded.

-- Data not available.

P = preliminary.

NOTE: Establishment survey estimates are currently projected from

March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May 2004 estimates, all unadjusted data from April 2002 forward are subject to revision. The 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 with the SIC-based data.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hourly earnings, excluding overtime,¹ of production workers on manufacturing payrolls

Industry	June 2002	July 2002	May 2003	June 2003 ^p	July 2003 ^p
Manufacturing	\$14.46	\$14.49	\$14.90	\$14.93	\$14.96
Durable goods	15.16	15.12	15.55	15.58	15.56
Wood products	11.72	11.80	11.99	12.07	(²)
Nonmetallic mineral products	14.39	14.44	14.70	14.65	(²)
Primary metals	16.51	16.69	16.88	16.94	(²)
Fabricated metal products	13.90	13.99	14.20	14.22	(²)
Machinery	15.18	15.17	15.45	15.52	(²)
Computer and electronic products	15.54	15.67	15.85	15.98	(²)
Electrical equipment and appliances	13.37	13.48	13.69	13.70	(²)
Transportation equipment	19.24	19.12	19.97	20.02	(²)
Furniture and related products	12.10	12.10	12.40	12.40	(²)
Miscellaneous manufacturing	12.41	12.54	12.75	12.73	(²)
Nondurable goods	13.36	13.50	13.88	13.90	\$14.04
Food manufacturing	11.83	11.94	12.06	12.07	(²)
Beverages and tobacco products	16.53	16.65	17.04	16.53	(²)
Textile mills	11.11	11.22	11.40	11.39	(²)
Textile product mills	10.43	10.62	10.73	10.81	(²)
Apparel	8.76	8.84	9.26	9.21	(²)
Leather and allied products	10.46	10.71	11.35	11.25	(²)
Paper and paper products	15.89	16.09	16.44	16.35	(²)
Printing and related support activities	14.19	14.25	14.71	14.73	(²)
Petroleum and coal products	21.06	21.21	21.54	21.71	(²)
Chemicals	16.96	17.05	17.58	17.64	(²)
Plastics and rubber products	12.75	12.94	13.44	13.52	(²)

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

² Data not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2002 benchmark levels. When more recent benchmark data are introduced with the release of May 2004 estimates, all unadjusted data

from April 2002 forward are subject to revision. The 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 with the SIC-based data.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

B-17. Average hourly and weekly earnings of production or nonsupervisory workers¹ 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				
	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P	June 2002	July 2002	May 2003	June 2003 ^P	July 2003 ^P
Total private:										
Current dollars	\$14.88	\$14.86	\$15.31	\$15.34	\$15.32	\$511.87	\$503.75	\$515.95	\$523.09	\$516.28
Constant (1982) dollars	8.20	8.18	8.27	8.28	(²)	282.02	277.24	278.74	282.29	(²)
Goods-producing:										
Current dollars	16.27	16.37	16.71	16.78	16.86	657.31	649.89	665.06	672.88	664.28
Constant (1982) dollars	8.96	9.01	9.03	9.06	(²)	362.15	357.67	359.30	363.13	(²)
Natural resources and mining:										
Current dollars	17.10	17.18	17.47	17.54	17.59	752.40	738.74	766.93	775.27	756.37
Constant (1982) dollars	9.42	9.46	9.44	9.47	(²)	414.55	406.57	414.33	418.39	(²)
Construction:										
Current dollars	18.38	18.60	18.85	18.90	19.01	718.66	723.54	731.38	737.10	741.39
Constant (1982) dollars	10.13	10.24	10.18	10.20	(²)	395.96	398.21	395.13	397.79	(²)
Manufacturing:										
Current dollars	15.24	15.23	15.64	15.69	15.70	623.32	607.68	628.73	635.45	621.72
Constant (1982) dollars	8.40	8.38	8.45	8.47	(²)	343.43	334.44	339.67	342.93	(²)
Private service-providing:										
Current dollars	14.49	14.44	14.92	14.95	14.90	478.17	470.74	481.92	490.36	484.25
Constant (1982) dollars	7.98	7.95	8.06	8.07	(²)	263.45	259.08	260.36	264.63	(²)
Trade, transportation, and utilities:										
Current dollars	13.99	13.92	14.28	14.33	14.31	479.86	473.28	476.95	487.22	483.68
Constant (1982) dollars	7.71	7.66	7.71	7.73	(²)	264.39	260.47	257.67	262.94	(²)
Wholesale trade:										
Current dollars	16.93	16.89	17.24	17.33	17.28	653.50	640.13	651.67	663.74	649.73
Constant (1982) dollars	9.33	9.30	9.31	9.35	(²)	360.06	352.30	352.06	358.20	(²)
Retail trade:										
Current dollars	11.65	11.60	11.88	11.91	11.90	368.14	367.72	365.90	373.97	372.47
Constant (1982) dollars	6.42	6.38	6.42	6.43	(²)	202.83	202.38	197.68	201.82	(²)
Transportation and warehousing:										
Current dollars	15.74	15.75	16.19	16.26	16.40	588.68	578.03	590.94	604.87	603.52
Constant (1982) dollars	8.67	8.67	8.75	8.77	(²)	324.34	318.12	319.25	326.43	(²)
Utilities:										
Current dollars	23.93	23.78	24.52	24.55	24.56	983.52	970.22	1,000.42	1,009.01	1,006.96
Constant (1982) dollars	13.18	13.09	13.25	13.25	(²)	541.88	533.97	540.48	544.53	(²)
Information:										
Current dollars	20.22	20.00	21.01	21.03	21.00	748.14	728.00	758.46	773.90	764.40
Constant (1982) dollars	11.14	11.01	11.35	11.35	(²)	412.20	400.66	409.76	417.65	(²)
Financial activities:										
Current dollars	16.10	16.07	16.97	17.19	17.26	584.43	568.88	599.04	622.28	607.55
Constant (1982) dollars	8.87	8.84	9.17	9.28	(²)	322.00	313.09	323.63	335.82	(²)
Professional and business services:										
Current dollars	16.82	16.77	17.18	17.25	17.08	585.34	570.18	584.12	596.85	580.72
Constant (1982) dollars	9.27	9.23	9.28	9.31	(²)	322.50	313.80	315.57	322.10	(²)
Education and health services:										
Current dollars	15.12	15.23	15.58	15.62	15.70	494.42	493.45	503.23	510.77	510.25
Constant (1982) dollars	8.33	8.38	8.42	8.43	(²)	272.41	271.57	271.87	275.64	(²)
Leisure and hospitality:										
Current dollars	8.51	8.49	8.72	8.70	8.66	224.66	224.99	222.36	227.07	226.89
Constant (1982) dollars	4.69	4.67	4.71	4.70	(²)	123.78	123.82	120.13	122.54	(²)
Other services:										
Current dollars	13.70	13.68	13.99	13.97	13.89	442.51	439.13	443.48	447.04	441.70
Constant (1982) dollars	7.55	7.53	7.56	7.54	(²)	243.81	241.68	239.59	241.25	(²)

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

²Data not available.

^P= preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings series. Establishment survey estimates are currently projected from March 2002 benchmark

levels. When more recent benchmark data are introduced with the release of May 2004 estimates, all unadjusted data from April 2002 forward are subject to revision. The 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 SIC-based data.

**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		
	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P	June 2002	May 2003	June 2003P
Alabama	41.5	41.6	41.4	\$13.13	\$13.44	\$13.72	\$544.90	\$559.10	\$568.01
Birmingham	43.5	42.8	42.6	13.29	14.27	15.08	578.12	610.76	642.41
Mobile	41.9	41.7	42.8	14.40	14.99	14.11	603.36	625.08	603.91
Alaska	29.2	44.0	39.0	14.40	12.25	12.67	420.48	539.00	494.13
Arizona	40.2	40.6	40.9	14.22	14.32	14.32	571.64	581.39	585.69
Phoenix-Mesa	39.9	39.9	40.5	13.91	13.93	13.97	555.01	555.81	565.79
Tucson	41.6	42.0	42.7	15.28	15.10	14.80	635.65	634.20	631.96
Arkansas	39.7	39.3	40.0	13.39	13.71	13.66	531.58	538.80	546.40
Fayetteville-Springdale-Rogers	40.3	39.1	39.1	13.30	13.82	13.74	535.99	540.36	537.23
Fort Smith	41.3	40.4	41.9	13.81	13.95	13.58	570.35	563.58	569.00
Little Rock-North Little Rock	40.0	41.3	42.1	13.08	13.81	13.60	523.20	570.35	572.56
California	40.0	39.7	39.9	14.89	14.94	15.01	595.60	593.12	598.90
Bakersfield	39.0	37.3	35.2	16.17	15.30	15.65	630.63	570.69	550.88
Fresno	41.1	38.9	39.0	13.16	13.23	13.29	540.88	514.65	518.31
Los Angeles-Long Beach	40.3	39.9	39.8	13.02	13.19	13.24	524.71	526.28	526.95
Modesto	39.9	40.8	41.4	15.63	15.21	15.42	623.64	620.57	638.39
Oakland	42.7	40.2	40.2	18.20	18.30	18.48	777.14	735.66	742.90
Orange County	40.0	40.9	40.5	14.09	14.00	14.07	563.60	572.60	569.84
Riverside-San Bernardino	41.7	40.4	41.2	12.77	13.29	13.39	532.51	536.92	551.67
Sacramento	39.8	39.8	40.8	15.72	15.64	15.76	625.66	622.47	643.01
Salinas	38.6	41.3	42.8	15.07	15.51	15.47	581.70	640.56	662.12
San Diego	40.7	40.6	41.1	15.13	14.86	15.01	615.79	603.32	616.91
San Francisco	36.2	36.9	36.6	14.70	14.97	15.14	532.14	552.39	554.12
San Jose	40.4	40.5	39.5	20.88	20.90	21.04	843.55	846.45	831.08
Santa Barbara-Santa Maria-Lompoc	39.9	41.8	41.2	15.56	15.70	15.69	620.84	656.26	646.43
Santa Rosa	38.2	37.1	38.1	17.08	16.89	16.81	652.46	626.62	640.46
Stockton-Lodi	38.8	39.8	41.6	13.52	13.92	14.06	524.58	554.02	584.90
Vallejo-Fairfield-Napa	40.5	43.2	43.6	16.64	15.84	15.72	673.92	684.29	685.39
Ventura	41.8	41.3	41.9	15.75	15.92	15.74	658.35	657.50	659.51
Colorado	41.1	39.8	38.4	15.86	17.09	17.01	651.85	680.18	653.18
Denver ¹	40.9	40.1	39.5	15.90	15.52	16.02	650.31	622.35	632.79
Connecticut	42.1	41.2	41.2	17.18	17.68	17.72	723.28	728.42	730.06
Bridgeport	42.6	40.6	40.2	17.33	18.66	18.69	738.26	757.60	751.34
Danbury	43.2	38.9	40.9	18.29	17.88	17.15	790.13	695.53	701.44
Hartford	42.4	43.1	42.6	17.89	18.81	18.65	758.54	810.71	794.49
New Haven-Meriden	43.4	42.8	43.4	17.36	17.10	17.28	753.42	731.88	749.95
New London-Norwich	42.1	41.5	41.6	17.83	17.70	17.80	750.64	734.55	740.48
Waterbury	37.5	38.3	37.9	16.16	16.79	17.01	606.00	643.06	644.68
Delaware	41.2	39.8	40.8	16.29	16.55	16.59	671.15	658.69	676.87
Wilmington-Newark	42.3	39.0	40.9	19.96	20.41	20.03	844.31	795.99	819.23
District of Columbia:									
Washington PMSA	37.8	36.9	37.8	15.26	15.61	15.54	576.83	576.01	587.41
Florida	41.7	40.0	40.3	13.15	14.14	14.08	548.36	565.60	567.42
Georgia	41.3	40.2	40.8	13.22	14.18	14.13	545.99	570.04	576.50
Atlanta	40.8	38.0	39.1	15.11	15.23	15.05	616.49	578.74	588.46
Hawaii	36.1	36.8	37.0	12.91	13.33	13.17	466.05	490.54	487.29
Honolulu	36.7	37.1	36.8	12.50	13.52	13.12	458.75	501.59	482.82
Idaho	39.6	42.4	43.5	13.90	13.74	13.79	550.44	582.58	599.87
Illinois	41.7	40.5	40.6	14.98	15.17	15.24	624.67	614.39	618.74
Bloomington-Normal	39.5	38.4	38.3	19.55	19.81	19.90	772.23	760.70	762.17
Champaign-Urbana	40.7	39.6	39.8	13.57	13.87	13.98	552.30	549.25	556.40
Chicago	42.8	40.6	40.8	14.76	14.80	14.87	631.73	600.88	606.70
Davenport-Moline-Rock Island	41.3	40.0	40.2	14.85	15.27	15.32	613.31	610.80	615.86
Decatur	40.3	39.4	39.7	16.46	16.77	16.77	663.34	660.74	665.77
Peoria-Pekin	38.9	40.1	40.2	17.13	17.42	17.53	666.36	698.54	704.71
Rockford	43.5	40.7	40.5	16.92	17.29	17.26	736.02	703.70	699.03
Indiana	42.5	41.7	41.7	17.07	17.85	17.79	725.48	744.35	741.84
Elkhart-Goshen	39.0	39.8	39.3	14.91	14.94	14.75	581.49	594.61	579.68
Evansville-Henderson	42.6	39.7	40.4	15.08	15.40	15.30	642.41	611.38	618.12
Fort Wayne	40.3	40.7	41.7	16.12	16.64	16.38	649.64	677.25	683.05
Indianapolis	40.9	39.9	39.5	18.16	18.29	18.42	742.74	729.77	727.59
South Bend	44.5	41.5	40.9	13.89	15.07	15.14	618.11	625.41	619.23
Iowa	41.5	41.4	42.0	15.22	15.72	15.62	631.63	650.81	656.04
Des Moines	43.9	41.7	41.5	15.84	17.66	17.99	695.38	736.42	746.59
Kansas	40.6	39.7	40.2	15.93	15.57	15.66	646.76	618.13	629.53
Wichita	41.0	39.5	40.1	18.24	18.09	18.23	747.84	714.56	731.02

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		
	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P
Kentucky	42.5	41.6	41.3	\$15.81	\$15.66	\$15.74	\$671.93	\$651.46	\$650.06
Lexington	38.7	38.6	39.3	15.04	14.77	14.87	582.05	570.12	584.39
Louisville	41.7	41.0	40.8	18.83	18.97	18.77	785.21	777.77	765.82
Louisiana	45.1	44.7	44.5	17.15	17.07	17.28	773.47	763.03	768.96
Baton Rouge	45.5	44.2	42.8	18.99	17.67	17.54	864.05	781.01	750.71
New Orleans	45.5	45.8	46.2	17.00	17.07	16.88	773.50	781.81	779.86
Maine	40.0	39.8	39.5	15.36	16.23	16.04	614.40	645.95	633.58
Portland	41.7	42.1	41.5	12.70	13.04	12.98	529.59	548.98	538.67
Maryland	40.0	40.2	40.3	15.25	15.42	15.33	610.00	619.88	617.80
Massachusetts	41.6	40.4	40.7	16.19	16.49	16.55	673.50	666.20	673.59
Boston	41.9	38.9	39.3	17.95	18.00	18.02	752.11	700.20	708.19
Lawrence	41.0	40.0	40.5	15.52	15.03	15.10	636.32	601.20	611.55
Lowell	40.8	39.3	40.8	17.23	17.25	17.10	702.98	677.93	697.68
Springfield	40.7	40.8	40.5	15.68	15.73	15.91	638.18	641.78	644.36
Worcester	41.0	40.4	41.0	15.30	15.32	15.45	627.30	618.93	633.45
Michigan	42.9	42.2	41.8	20.43	21.12	21.19	876.45	891.26	885.74
Ann Arbor	44.7	42.8	43.3	23.30	23.35	23.23	1,041.51	999.38	1,005.86
Benton Harbor	42.5	41.8	41.0	13.78	14.03	14.24	585.65	586.45	583.84
Detroit	44.6	43.2	42.2	23.75	23.88	24.09	1,059.25	1,031.62	1,016.60
Flint	44.6	44.3	44.5	28.12	29.65	29.84	1,254.15	1,313.50	1,327.88
Grand Rapids—Muskegon—Holland	39.6	39.7	39.7	16.05	16.42	16.29	635.58	651.87	646.71
Kalamazoo—Battle Creek	41.6	39.4	39.2	15.96	15.75	15.58	663.94	620.55	610.74
Lansing—East Lansing	42.2	43.9	42.1	22.34	24.80	24.77	942.75	1,088.72	1,042.82
Saginaw—Bay City—Midland	44.4	43.2	44.1	24.53	25.10	25.29	1,089.13	1,084.32	1,115.29
Minnesota	40.0	39.4	40.4	14.98	15.46	15.45	599.20	609.12	624.18
Minneapolis—St. Paul	40.1	40.2	40.6	16.35	16.61	16.54	655.64	667.72	671.52
Mississippi	41.2	38.5	39.5	12.26	12.77	12.87	505.11	491.65	508.37
Jackson	40.4	39.4	40.0	12.77	13.62	13.75	515.91	536.63	550.00
Missouri	39.6	39.3	40.6	17.06	18.01	18.34	675.58	707.79	744.60
Kansas City	41.9	42.0	42.1	19.67	19.79	19.61	824.17	831.18	825.58
St. Louis	39.2	42.1	41.5	21.52	20.28	20.45	843.58	853.79	848.68
Montana	39.3	38.6	37.9	14.43	13.68	13.56	567.10	528.05	513.92
Nebraska	43.2	40.9	42.2	14.08	14.63	14.56	608.26	598.37	614.43
Lincoln	40.7	39.8	39.6	14.64	15.10	15.15	595.85	600.98	599.94
Omaha	44.2	41.1	41.7	15.83	17.13	16.89	699.69	704.04	704.31
Nevada	39.5	39.0	39.3	14.36	14.68	14.67	567.22	572.52	576.53
Las Vegas	39.2	41.0	40.1	13.84	13.35	13.40	542.53	547.35	537.34
New Hampshire	39.8	39.8	39.9	14.02	14.86	14.83	558.00	591.43	591.72
Manchester	39.7	38.9	39.4	16.05	15.84	15.84	637.19	616.18	624.10
Nashua	39.4	38.7	39.2	14.10	15.11	15.13	555.54	584.76	593.10
Portsmouth—Rochester	43.1	42.9	42.1	15.62	15.01	15.39	673.22	643.93	647.92
New Jersey	41.4	41.1	40.8	15.02	15.47	15.30	621.83	635.82	624.24
New Mexico	41.0	40.4	40.4	13.49	13.75	13.51	553.09	555.50	545.80
Albuquerque	41.1	40.7	40.7	15.34	15.13	14.65	630.47	615.79	596.26
New York	40.3	40.1	40.2	16.61	16.70	16.44	669.38	669.67	660.89
New York City	37.6	36.9	37.2	12.74	13.67	13.54	479.02	504.42	503.69
North Carolina	40.8	39.3	39.7	13.26	13.55	13.58	541.01	532.52	539.13
Asheville	43.1	43.0	42.3	12.47	12.98	12.90	537.46	558.14	545.67
Charlotte—Gastonia—Rock Hill	40.7	39.3	40.1	14.15	14.32	14.41	575.91	562.78	577.84
Greensboro—Winston-Salem—High Point	41.7	38.2	39.4	13.31	13.32	13.35	555.03	508.82	525.99
Raleigh—Durham—Chapel Hill	40.3	41.6	41.3	13.83	14.16	14.12	557.35	589.06	583.16
North Dakota	41.9	39.2	40.6	12.91	14.04	13.78	540.93	550.37	559.47
Fargo—Moorhead	41.6	39.8	41.2	13.44	13.30	13.11	559.10	529.34	540.13
Ohio	41.7	41.1	40.7	17.45	17.71	17.79	727.67	727.88	724.05
Akron	40.9	40.9	40.0	15.15	15.52	15.86	619.64	634.77	634.40
Canton—Massillon	40.8	39.2	39.1	14.76	15.28	15.31	602.21	598.98	598.62
Cincinnati	40.7	42.1	41.1	17.37	17.86	18.06	706.96	751.91	742.27
Cleveland—Lorain—Elyria	41.9	41.4	41.7	17.33	17.03	16.91	726.13	705.04	705.15
Columbus	40.7	40.0	40.1	15.74	17.34	17.48	640.62	693.60	700.95
Dayton—Springfield	42.1	41.9	41.6	17.71	20.58	20.59	745.59	862.30	856.54
Hamilton—Middletown	41.6	41.8	41.9	17.41	18.90	19.19	724.26	790.02	804.06
Mansfield	42.5	42.7	40.9	18.29	17.92	17.89	777.33	765.18	731.70
Toledo	44.6	43.2	42.1	20.09	20.39	20.82	896.01	880.85	876.52
Youngstown—Warren	40.3	39.7	39.0	20.36	22.11	22.69	820.51	877.77	884.91

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P	June 2002	May 2003	June 2003 ^P
Oklahoma	39.3	38.1	37.9	\$14.13	\$13.88	\$13.82	\$555.31	\$528.83	\$523.78
Oklahoma City	39.1	39.7	38.7	15.01	14.38	14.15	586.89	570.89	547.61
Tulsa	39.7	40.9	40.5	15.76	15.39	15.54	625.67	629.45	629.37
Oregon	39.9	39.1	39.7	15.11	15.26	15.25	602.89	596.67	605.43
Eugene-Springfield	41.6	39.8	45.1	14.50	14.57	15.14	603.20	579.89	682.81
Medford-Ashland	40.5	39.8	41.3	15.69	15.03	15.66	635.45	598.19	646.76
Portland-Vancouver	39.5	38.8	39.4	15.46	15.73	15.91	610.67	610.32	626.85
Salem	39.9	37.5	37.3	13.31	14.14	14.12	531.07	530.25	526.68
Pennsylvania	40.6	40.0	40.1	14.66	14.94	14.94	595.20	597.60	599.09
Allentown-Bethlehem-Easton	40.1	39.1	39.1	14.96	14.67	14.86	599.90	573.60	581.03
Erie	42.5	42.7	42.8	15.34	15.73	15.63	651.95	671.67	668.96
Harrisburg-Lebanon-Carlisle	39.2	38.1	37.7	14.53	14.84	14.93	569.58	565.40	562.86
Lancaster	38.3	39.2	38.8	14.73	14.86	14.74	564.16	582.51	571.91
Philadelphia PMSA	42.1	40.4	40.9	16.01	15.86	15.90	674.02	640.74	650.31
Pittsburgh	40.1	40.5	40.4	15.90	16.30	16.19	637.59	660.15	654.08
Reading	40.2	40.6	40.7	15.18	15.34	15.30	610.24	622.80	622.71
Scranton-Wilkes-Barre-Hazleton	39.8	40.8	40.6	13.46	13.67	13.61	535.71	557.74	552.57
York	41.8	40.6	41.4	15.15	14.87	14.93	633.27	603.72	618.10
Rhode Island	39.3	39.6	39.6	12.74	12.87	12.86	500.68	509.65	509.26
Providence-Fall River-Warwick	41.2	39.2	39.4	13.22	13.22	13.25	544.66	518.22	522.05
South Carolina	42.8	41.4	41.1	14.00	13.95	13.91	599.20	577.53	571.70
South Dakota	42.7	42.4	43.8	12.44	13.15	13.01	531.19	557.56	569.84
Tennessee	40.1	39.4	39.9	13.18	13.55	13.54	528.52	533.87	540.25
Chattanooga	42.6	39.4	40.8	12.67	14.21	13.51	539.74	559.87	551.21
Johnson City-Kingsport-Bristol	40.4	39.6	39.2	13.17	13.47	13.54	532.07	533.41	530.77
Knoxville	42.0	40.6	40.1	13.74	14.03	13.76	577.08	569.62	551.78
Memphis	40.0	41.1	42.1	14.90	15.28	15.24	596.00	628.01	641.60
Nashville	40.1	38.5	38.4	14.00	14.41	14.89	561.40	554.79	571.78
Texas	42.1	41.3	41.6	13.92	13.93	13.91	586.03	575.31	578.66
Dallas	39.6	40.0	38.8	13.72	13.44	13.55	543.31	537.60	525.74
Ft. Worth-Arlington	40.1	41.0	41.0	17.62	17.28	17.20	706.56	708.48	705.20
Houston	43.4	42.5	43.3	16.99	17.08	16.99	737.37	725.90	735.67
San Antonio	37.5	39.1	39.6	10.67	10.85	10.89	400.13	424.24	431.24
Utah	37.9	40.1	39.7	14.27	14.62	14.63	540.83	586.26	580.81
Salt Lake City-Ogden	37.0	38.5	38.7	14.41	14.21	14.30	533.17	547.09	553.41
Vermont	39.9	40.1	40.2	14.31	14.52	14.53	570.97	582.25	584.11
Burlington	38.0	37.7	37.8	15.03	15.17	15.18	571.14	571.91	573.80
Virginia	41.1	41.0	41.2	15.09	15.79	15.98	620.20	647.39	658.38
Lynchburg	42.6	43.1	46.1	14.20	14.19	14.32	604.92	611.59	660.15
Norfolk-Virginia Beach-Newport News	43.4	47.3	46.3	17.89	18.31	18.29	776.43	866.06	846.83
Richmond-Petersburg	39.2	35.3	35.6	15.48	16.68	16.45	606.82	588.80	558.62
Washington	40.7	39.1	39.5	18.41	17.88	17.76	749.29	699.11	701.52
West Virginia	41.7	41.0	41.5	15.40	15.98	16.19	642.18	655.18	671.89
Huntington-Ashland	42.7	41.9	42.4	15.80	15.73	15.60	674.66	659.09	661.44
Wisconsin	40.8	40.0	40.7	15.80	16.06	16.08	644.64	642.40	654.46
Appleton-Oshkosh-Neenah	42.7	41.7	42.7	17.02	17.46	17.46	726.75	728.08	745.54
Eau Claire	42.7	48.5	46.8	15.04	15.03	15.05	642.21	728.96	704.34
Green Bay	41.1	39.8	43.0	14.40	14.03	14.24	591.84	558.39	612.32
Janesville-Beloit	42.0	42.3	44.8	24.23	26.97	26.98	1,017.66	1,140.83	1,208.70
La Crosse	40.3	40.0	41.2	13.84	15.14	14.94	557.75	605.60	615.53
Madison	43.1	38.5	39.9	15.14	15.42	15.18	652.53	593.67	605.68
Milwaukee-Waukesha	40.1	39.6	40.2	16.78	16.89	16.95	672.88	668.84	681.39
Racine	42.7	42.5	42.4	15.44	15.58	16.10	659.29	662.15	682.64
Sheboygan	44.2	40.6	41.8	15.25	15.45	15.55	674.05	627.27	649.99
Wausau	42.9	42.0	42.2	15.85	16.14	15.98	679.97	677.88	674.36
Wyoming	41.4	41.0	42.8	17.67	17.06	17.30	731.54	699.46	740.44
Puerto Rico	40.8	40.6	40.4	10.20	10.57	10.50	416.16	429.14	424.20
Virgin Islands	44.6	41.3	42.8	22.71	22.90	21.44	1,012.87	945.77	917.63

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

^P = 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.

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

C-1. Labor force status by census region and division, seasonally adjusted¹

(Numbers in thousands)

Census region and division	2002							2003					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
NORTHEAST													
Civilian labor force	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	27,499.7	27,534.6
Employed	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	25,946.9	25,967.1
Unemployed	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	1,552.8	1,567.5
Unemployment rate	5.6	5.7	5.7	5.7	5.7	5.8	5.9	5.8	5.8	5.7	5.8	5.6	5.7
New England													
Civilian labor force	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	7,556.3	7,559.9
Employed	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	7,172.9	7,173.3
Unemployed	362.9	371.3	379.6	379.8	382.3	382.3	389.1	375.5	377.1	395.6	390.9	383.4	386.6
Unemployment rate	4.8	4.9	5.0	5.0	5.0	5.0	5.1	5.0	5.0	5.2	5.2	5.1	5.1
Middle Atlantic													
Civilian labor force	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	19,943.3	19,974.7
Employed	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	18,774.0	18,793.8
Unemployed	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	1,169.3	1,180.9
Unemployment rate	5.9	6.0	5.9	5.9	6.0	6.1	6.2	6.1	6.0	5.9	6.0	5.9	5.9
SOUTH													
Civilian labor force	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	51,399.9	51,315.5
Employed	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	48,498.9	48,403.3
Unemployed	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	2,901.0	2,912.2
Unemployment rate	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.4	5.5	5.6	5.6	5.6	5.7
South Atlantic													
Civilian labor force	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	26,923.4	26,870.4
Employed	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	25,542.8	25,465.3
Unemployed	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	1,380.6	1,405.0
Unemployment rate	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.0	5.1	5.1	5.3	5.1	5.2
East South Central													
Civilian labor force	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	8,363.5	8,380.9
Employed	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	7,892.9	7,894.9
Unemployed	473.6	470.6	459.3	461.0	465.4	467.0	467.3	448.0	448.4	453.8	473.1	470.6	486.0
Unemployment rate	5.7	5.7	5.5	5.6	5.6	5.6	5.6	5.4	5.4	5.4	5.7	5.6	5.8
West South Central													
Civilian labor force	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	16,113.0	16,064.2
Employed	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	15,063.3	15,043.0
Unemployed	931.0	952.4	957.3	960.4	971.2	972.9	975.1	957.3	994.8	1,014.9	1,013.0	1,049.8	1,021.2
Unemployment rate	5.9	6.1	6.1	6.1	6.1	6.2	6.2	6.0	6.2	6.3	6.3	6.5	6.4
MIDWEST													
Civilian labor force	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	34,368.4	34,414.2	34,495.9
Employed	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	32,455.1	32,501.0	32,523.4
Unemployed	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	1,913.3	1,913.2	1,972.4
Unemployment rate	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.3	5.5	5.6	5.6	5.6	5.7
East North Central													
Civilian labor force	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	23,608.1	23,653.1	23,715.4
Employed	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	22,173.8	22,230.6	22,247.6
Unemployed	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	1,422.5	1,467.8
Unemployment rate	5.9	5.9	5.9	5.9	6.0	5.9	5.9	5.8	6.1	6.1	6.1	6.0	6.2
West North Central													
Civilian labor force	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	10,761.1	10,780.5
Employed	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	10,270.4	10,275.8
Unemployed	497.9	502.3	494.5	494.5	495.0	496.5	492.9	468.9	458.7	470.5	479.0	490.7	504.7
Unemployment rate	4.6	4.7	4.6	4.6	4.6	4.6	4.6	4.4	4.3	4.4	4.5	4.6	4.7

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 adjusted¹—Continued

(Numbers in thousands)

Census region and division	2002							2003					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
WEST													
Civilian labor force	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	33,283.9	33,338.9
Employed	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	31,122.8	31,167.5
Unemployed	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	2,161.1	2,171.4
Unemployment rate	6.5	6.5	6.4	6.5	6.5	6.5	6.5	6.3	6.3	6.4	6.5	6.5	6.5
Mountain													
Civilian labor force	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	9,818.8	9,805.3
Employed	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	9,270.8	9,260.5
Unemployed	560.9	562.9	555.4	556.3	553.7	554.7	553.4	523.3	524.9	549.2	552.6	548.0	544.9
Unemployment rate	5.8	5.8	5.7	5.7	5.7	5.7	5.7	5.4	5.4	5.6	5.6	5.6	5.6
Pacific													
Civilian labor force	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	23,465.1	23,533.6
Employed	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	21,852.0	21,907.1
Unemployed	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	1,613.0	1,626.5
Unemployment rate	6.8	6.8	6.8	6.8	6.8	6.9	6.9	6.6	6.7	6.7	6.9	6.9	6.9

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

^P = preliminary.

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	JuneP
Alabama													
Civilian labor force	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	2,152.2	2,152.6
Employed	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	2,029.0	2,030.7
Unemployed	124.8	125.3	123.6	124.0	123.1	124.6	124.3	120.4	118.5	122.8	124.6	123.2	121.9
Unemployment rate	5.9	6.0	5.9	5.9	5.9	5.9	5.9	5.6	5.5	5.7	5.8	5.7	5.7
Alaska													
Civilian labor force	322.2	322.9	324.0	324.7	325.4	326.0	327.5	339.5	341.7	339.9	341.5	343.1	344.9
Employed	297.0	297.1	297.4	298.0	298.6	299.2	300.1	316.2	317.8	316.7	316.9	317.9	317.7
Unemployed	25.2	25.9	26.6	26.7	26.8	26.8	27.5	23.3	23.9	23.2	24.6	25.2	27.2
Unemployment rate	7.8	8.0	8.2	8.2	8.2	8.2	8.4	6.9	7.0	6.8	7.2	7.3	7.9
Arizona													
Civilian labor force	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	2,669.7	2,667.4
Employed	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	2,511.3	2,510.3
Unemployed	169.1	168.8	166.6	166.1	164.7	162.9	158.8	147.8	151.7	157.3	158.6	158.4	157.1
Unemployment rate	6.3	6.3	6.2	6.2	6.1	6.1	5.9	5.5	5.7	5.9	6.0	5.9	5.9
Arkansas													
Civilian labor force	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	1,301.4	1,303.8
Employed	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	1,229.7	1,231.1
Unemployed	69.4	69.2	69.6	70.6	71.3	70.4	70.1	63.4	63.9	64.2	68.9	71.7	72.8
Unemployment rate	5.4	5.4	5.4	5.5	5.5	5.4	5.4	4.9	4.9	5.0	5.3	5.5	5.6
California													
Civilian labor force	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	17,578.3	17,630.6
Employed	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	16,394.7	16,452.8
Unemployed	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	1,183.6	1,177.9
Unemployment rate	6.7	6.7	6.7	6.7	6.8	6.8	6.9	6.6	6.7	6.7	6.8	6.7	6.7
Colorado													
Civilian labor force	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	2,477.6	2,471.0
Employed	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	2,334.4	2,329.1
Unemployed	139.9	139.6	140.2	141.1	141.7	141.2	142.6	134.5	135.3	140.7	147.2	143.2	142.0
Unemployment rate	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.5	5.5	5.7	5.9	5.8	5.7
Connecticut													
Civilian labor force	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	1,776.3	1,781.0
Employed	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	1,689.2	1,693.7
Unemployed	74.1	77.7	78.5	79.3	80.7	82.2	84.0	86.3	88.7	93.5	94.5	87.1	87.3
Unemployment rate	4.2	4.4	4.4	4.5	4.5	4.6	4.7	4.9	5.0	5.2	5.3	4.9	4.9
Delaware													
Civilian labor force	422.6	422.4	421.3	421.7	421.3	420.6	419.2	421.3	418.5	419.3	420.4	422.0	419.2
Employed	404.4	404.6	403.3	403.5	403.1	402.4	401.4	406.9	402.8	402.0	402.5	406.3	403.5
Unemployed	18.2	17.8	18.0	18.2	18.2	18.2	17.8	14.4	15.6	17.3	17.9	15.7	15.8
Unemployment rate	4.3	4.2	4.3	4.3	4.3	4.3	4.3	3.4	3.7	4.1	4.3	3.7	3.8
District of Columbia													
Civilian labor force	303.9	303.2	302.3	302.4	301.8	302.1	302.5	300.7	304.4	307.8	306.2	306.4	310.0
Employed	284.4	284.1	283.4	283.5	282.6	282.7	282.6	282.3	284.3	287.8	283.9	286.7	289.3
Unemployed	19.4	19.1	18.9	19.0	19.2	19.4	19.8	18.5	20.1	19.9	22.3	19.7	20.8
Unemployment rate	6.4	6.3	6.3	6.3	6.4	6.4	6.6	6.1	6.6	6.5	7.3	6.4	6.7
Florida													
Civilian labor force	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	8,076.0	8,050.3
Employed	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	7,650.8	7,625.3
Unemployed	442.0	446.3	443.8	434.7	430.7	425.5	431.0	429.5	433.2	436.6	432.9	425.2	425.0
Unemployment rate	5.5	5.5	5.5	5.4	5.3	5.3	5.3	5.3	5.3	5.4	5.3	5.3	5.3
Georgia													
Civilian labor force	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	4,376.1	4,385.8
Employed	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	4,167.1	4,172.7
Unemployed	222.0	223.5	223.7	225.6	227.1	226.7	226.9	202.9	196.7	200.9	206.1	209.1	213.1
Unemployment rate	5.2	5.2	5.2	5.2	5.3	5.3	5.3	4.7	4.5	4.6	4.7	4.8	4.9

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	2002							2003					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	JuneP
Hawaii													
Civilian labor force	581.4	581.1	580.5	581.7	581.9	581.8	582.3	595.7	593.0	592.5	597.1	603.2	605.3
Employed	557.4	557.1	557.4	558.2	559.2	559.2	559.4	574.1	575.3	570.6	574.6	579.6	580.7
Unemployed	24.1	24.0	23.0	23.4	22.7	22.6	22.9	21.7	17.8	21.9	22.5	23.6	24.6
Unemployment rate	4.1	4.1	4.0	4.0	3.9	3.9	3.9	3.6	3.0	3.7	3.8	3.9	4.1
Idaho													
Civilian labor force	684.5	685.0	683.6	682.5	682.6	683.4	684.5	691.0	692.9	694.4	693.5	692.1	690.2
Employed	645.3	645.4	644.3	643.0	643.0	642.6	642.9	652.9	656.8	657.1	654.7	656.4	654.0
Unemployed	39.2	39.7	39.2	39.5	39.6	40.8	41.6	38.1	36.2	37.3	38.8	35.7	36.2
Unemployment rate	5.7	5.8	5.7	5.8	5.8	6.0	6.1	5.5	5.2	5.4	5.6	5.2	5.2
Illinois													
Civilian labor force	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	6,383.1	6,403.9
Employed	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	5,990.2	5,997.5
Unemployed	414.3	420.1	415.4	424.2	431.9	426.4	423.9	405.8	416.8	423.5	401.4	392.8	406.3
Unemployment rate	6.5	6.6	6.5	6.7	6.8	6.7	6.7	6.3	6.5	6.6	6.3	6.2	6.3
Indiana													
Civilian labor force	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	3,170.0	3,182.4	3,203.5
Employed	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	3,008.9	3,025.0	3,052.4
Unemployed	164.4	162.7	163.1	161.4	160.1	157.7	155.6	152.0	156.0	150.8	161.1	157.4	151.1
Unemployment rate	5.2	5.1	5.1	5.1	5.0	5.0	4.9	4.8	4.9	4.8	5.1	4.9	4.7
Iowa													
Civilian labor force	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	1,634.2	1,642.2
Employed	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	1,560.8	1,572.6
Unemployed	66.8	69.1	69.6	69.7	71.2	69.4	69.8	63.3	65.5	65.8	68.2	73.4	69.6
Unemployment rate	4.0	4.1	4.2	4.2	4.2	4.1	4.2	3.8	4.0	4.0	4.2	4.5	4.2
Kansas													
Civilian labor force	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	1,469.3	1,473.6
Employed	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	1,401.0	1,400.3
Unemployed	72.3	74.6	73.0	73.4	74.4	74.6	73.7	69.5	68.2	69.0	71.4	68.3	73.3
Unemployment rate	5.1	5.3	5.1	5.2	5.2	5.2	5.2	4.7	4.6	4.7	4.8	4.6	5.0
Kentucky													
Civilian labor force	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	1,985.4	1,985.9
Employed	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	1,871.9	1,869.4
Unemployed	109.3	108.7	107.9	106.7	105.7	107.1	108.2	106.3	112.9	114.0	115.3	113.5	116.4
Unemployment rate	5.6	5.5	5.5	5.4	5.4	5.5	5.5	5.3	5.7	5.7	5.8	5.7	5.9
Louisiana													
Civilian labor force	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	2,064.7	2,043.3
Employed	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	1,933.9	1,904.8
Unemployed	123.2	122.0	123.0	122.5	121.9	124.3	125.7	107.9	117.7	129.3	127.3	130.8	138.5
Unemployment rate	6.1	6.1	6.2	6.1	6.1	6.2	6.3	5.3	5.7	6.3	6.2	6.3	6.8
Maine													
Civilian labor force	686.4	687.3	686.6	686.0	687.1	687.2	687.7	697.9	700.0	695.5	697.5	692.9	690.8
Employed	656.7	657.2	656.4	655.5	656.2	655.2	654.8	666.2	668.1	664.2	664.0	661.7	660.0
Unemployed	29.8	30.1	30.2	30.5	31.0	32.1	32.9	31.7	31.9	31.2	33.4	31.2	30.7
Unemployment rate	4.3	4.4	4.4	4.4	4.5	4.7	4.8	4.5	4.6	4.5	4.8	4.5	4.4
Maryland													
Civilian labor force	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	2,937.9	2,924.8
Employed	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	2,806.1	2,798.2
Unemployed	128.3	126.1	125.4	123.6	122.4	122.6	122.7	118.8	124.1	131.5	129.8	131.7	126.5
Unemployment rate	4.4	4.3	4.3	4.3	4.2	4.2	4.2	4.1	4.2	4.5	4.4	4.5	4.3
Massachusetts													
Civilian labor force	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	3,451.5	3,446.8
Employed	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	3,259.1	3,253.9
Unemployed	185.9	189.7	194.6	193.4	192.5	189.6	193.0	180.3	185.0	196.8	188.9	192.4	192.9
Unemployment rate	5.3	5.4	5.6	5.5	5.5	5.4	5.5	5.2	5.4	5.7	5.5	5.6	5.6

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
Michigan													
Civilian labor force	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	5,113.5	5,125.5
Employed	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	4,767.2	4,757.3
Unemployed	314.1	309.1	305.3	304.1	304.8	304.6	307.2	317.6	336.6	344.1	334.2	346.2	368.3
Unemployment rate	6.3	6.2	6.1	6.1	6.1	6.1	6.2	6.2	6.6	6.7	6.6	6.8	7.2
Minnesota													
Civilian labor force	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	2,919.8	2,927.1
Employed	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	2,793.9	2,797.1
Unemployed	129.0	129.4	127.4	125.3	124.9	124.9	124.4	127.3	126.1	129.3	125.9	125.9	129.9
Unemployment rate	4.4	4.4	4.4	4.3	4.3	4.3	4.3	4.4	4.3	4.4	4.3	4.3	4.4
Mississippi													
Civilian labor force	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	1,319.0	1,330.3
Employed	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	1,235.3	1,237.1
Unemployed	88.9	87.7	86.3	86.9	91.1	90.8	90.5	86.3	79.4	78.3	87.5	83.7	93.1
Unemployment rate	6.9	6.8	6.7	6.7	7.0	7.0	7.0	6.5	6.0	6.0	6.6	6.3	7.0
Missouri													
Civilian labor force	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	2,982.7	2,985.0
Employed	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	2,824.0	2,816.4
Unemployed	169.1	168.3	164.0	164.8	164.0	166.1	164.7	150.5	138.7	142.9	149.8	158.6	168.6
Unemployment rate	5.6	5.7	5.5	5.5	5.5	5.6	5.5	5.1	4.7	4.8	5.0	5.3	5.6
Montana													
Civilian labor force	465.4	463.2	462.7	463.6	465.9	466.9	466.5	469.3	469.6	469.3	470.2	474.7	477.4
Employed	443.6	442.1	442.4	442.8	444.4	445.1	444.7	449.1	450.7	449.5	451.5	454.6	455.3
Unemployed	21.8	21.2	20.3	20.8	21.5	21.8	21.8	20.2	18.9	19.7	18.8	20.1	22.2
Unemployment rate	4.7	4.6	4.4	4.5	4.6	4.7	4.7	4.3	4.0	4.2	4.0	4.2	4.6
Nebraska													
Civilian labor force	958.8	957.9	958.1	959.8	962.6	962.7	962.2	976.9	980.1	982.8	985.6	986.2	982.7
Employed	924.3	923.7	924.0	925.4	929.0	928.2	927.4	944.1	945.6	945.8	946.9	947.5	944.5
Unemployed	34.5	34.2	34.1	34.5	33.6	34.6	34.9	32.8	34.5	37.0	38.7	38.7	38.3
Unemployment rate	3.6	3.6	3.6	3.6	3.5	3.6	3.6	3.4	3.5	3.8	3.9	3.9	3.9
Nevada													
Civilian labor force	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	1,119.1	1,115.4
Employed	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	1,058.2	1,056.6
Unemployed	62.3	61.9	59.1	56.5	54.4	54.8	55.0	55.8	56.2	61.5	61.8	60.9	58.7
Unemployment rate	5.5	5.5	5.3	5.0	4.9	4.9	4.9	5.0	5.0	5.5	5.5	5.4	5.3
New Hampshire													
Civilian labor force	705.3	706.5	706.9	708.7	709.3	709.5	706.5	719.1	716.4	715.7	714.7	711.5	713.7
Employed	671.9	673.4	672.5	674.5	674.2	674.3	671.3	685.9	688.2	686.5	685.9	684.0	685.6
Unemployed	33.4	33.1	34.4	34.2	35.1	35.1	35.2	33.2	28.2	29.1	28.8	27.5	28.1
Unemployment rate	4.7	4.7	4.9	4.8	5.0	5.0	5.0	4.6	3.9	4.1	4.0	3.9	3.9
New Jersey													
Civilian labor force	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	4,422.9	4,418.9
Employed	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	4,174.1	4,165.5
Unemployed	258.3	263.0	261.0	260.6	263.1	261.5	260.7	244.3	249.5	259.7	255.2	248.8	253.4
Unemployment rate	5.9	6.0	6.0	6.0	6.0	6.0	6.0	5.5	5.7	5.9	5.8	5.6	5.7
New Mexico													
Civilian labor force	877.7	880.1	879.8	880.3	883.4	884.8	885.0	890.6	891.4	893.5	895.7	898.1	900.7
Employed	829.2	831.1	831.5	831.9	835.1	836.6	837.2	838.9	839.8	841.0	843.2	844.4	846.9
Unemployed	48.5	48.9	48.2	48.4	48.3	48.2	47.8	51.7	51.7	52.6	52.5	53.7	53.8
Unemployment rate	5.5	5.6	5.5	5.5	5.5	5.4	5.4	5.8	5.8	5.9	5.9	6.0	6.0
New York													
Civilian labor force	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	9,343.0	9,378.4
Employed	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	8,769.7	8,803.7
Unemployed	576.0	577.2	571.5	567.3	582.5	594.0	606.2	590.0	573.9	557.0	574.9	573.3	574.7
Unemployment rate	6.1	6.2	6.1	6.0	6.2	6.3	6.4	6.3	6.1	6.0	6.1	6.1	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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	JuneP
North Carolina													
Civilian labor force	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	4,183.9	4,157.4
Employed	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	3,926.6	3,882.9
Unemployed	285.5	283.1	273.0	273.9	274.0	275.2	278.0	252.4	241.4	250.5	269.1	257.3	274.5
Unemployment rate	6.8	6.8	6.6	6.6	6.6	6.6	6.7	6.1	5.8	6.0	6.4	6.2	6.6
North Dakota													
Civilian labor force	345.5	344.9	345.4	346.4	346.8	347.5	346.2	349.9	349.0	350.0	347.9	348.2	348.3
Employed	331.8	330.7	331.3	331.7	332.0	332.5	332.7	337.5	336.3	336.9	336.2	336.2	336.5
Unemployed	13.6	14.2	14.1	14.6	14.8	15.0	13.5	12.5	12.7	13.1	11.7	12.0	11.8
Unemployment rate	3.9	4.1	4.1	4.2	4.3	4.3	3.9	3.6	3.7	3.7	3.4	3.5	3.4
Ohio													
Civilian labor force	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	5,884.9	5,883.1
Employed	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	5,524.9	5,513.6
Unemployed	334.6	333.4	328.1	327.5	328.0	323.2	323.4	328.1	359.2	364.2	371.3	360.0	369.5
Unemployment rate	5.7	5.7	5.6	5.6	5.6	5.6	5.6	5.6	6.1	6.2	6.3	6.1	6.3
Oklahoma													
Civilian labor force	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	1,716.2	1,725.5
Employed	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	1,619.6	1,624.4
Unemployed	74.0	75.5	75.5	76.2	76.6	76.8	79.6	85.1	87.7	86.9	87.2	96.6	101.1
Unemployment rate	4.4	4.5	4.5	4.5	4.5	4.5	4.7	5.0	5.2	5.1	5.1	5.6	5.9
Oregon													
Civilian labor force	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	1,835.9	1,852.6
Employed	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	1,684.6	1,694.8
Unemployed	135.8	135.4	131.7	131.1	132.2	135.2	133.5	139.8	133.2	139.8	147.3	151.3	157.8
Unemployment rate	7.4	7.4	7.2	7.2	7.2	7.3	7.3	7.6	7.3	7.6	8.0	8.2	8.5
Pennsylvania													
Civilian labor force	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	6,177.4	6,177.3
Employed	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	5,830.2	5,824.6
Unemployed	349.7	355.2	356.7	357.4	361.7	369.7	384.4	381.1	386.1	358.3	364.9	347.3	352.7
Unemployment rate	5.6	5.6	5.7	5.7	5.7	5.9	6.1	6.1	6.2	5.8	5.9	5.6	5.7
Rhode Island													
Civilian labor force	555.1	557.6	559.2	559.8	560.8	562.6	561.5	573.7	571.9	568.4	569.2	572.1	574.3
Employed	528.5	530.1	530.5	530.4	530.6	532.1	530.6	544.0	542.4	538.1	538.8	541.1	541.3
Unemployed	26.6	27.5	28.7	29.4	30.2	30.4	30.8	29.7	29.5	30.3	30.3	30.9	33.0
Unemployment rate	4.8	4.9	5.1	5.3	5.4	5.4	5.5	5.2	5.2	5.3	5.3	5.4	5.7
South Carolina													
Civilian labor force	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	2,025.6	2,030.5
Employed	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	1,899.9	1,896.1
Unemployed	114.5	113.2	114.9	116.7	118.8	125.4	122.5	127.5	126.4	118.9	124.4	125.7	134.4
Unemployment rate	5.8	5.8	5.8	5.9	6.0	6.3	6.2	6.3	6.2	5.9	6.1	6.2	6.6
South Dakota													
Civilian labor force	420.5	421.9	422.3	422.8	424.2	424.2	424.6	419.8	420.7	420.7	420.3	420.7	421.6
Employed	408.0	409.3	410.0	410.6	412.1	412.2	412.6	406.7	407.7	407.2	407.0	407.0	408.5
Unemployed	12.6	12.6	12.3	12.2	12.2	12.0	12.0	13.1	13.0	13.4	13.2	13.7	13.1
Unemployment rate	3.0	3.0	2.9	2.9	2.9	2.8	2.8	3.1	3.1	3.2	3.2	3.3	3.1
Tennessee													
Civilian labor force	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	2,906.8	2,912.2
Employed	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	2,756.6	2,757.7
Unemployed	150.6	148.8	141.4	143.4	145.6	144.6	144.3	135.1	137.6	138.6	145.7	150.2	154.6
Unemployment rate	5.1	5.1	4.8	4.9	5.0	4.9	4.9	4.7	4.8	4.8	5.0	5.2	5.3
Texas													
Civilian labor force	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	11,030.7	10,991.5
Employed	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	10,280.0	10,282.7
Unemployed	664.4	685.7	689.3	691.1	701.3	701.4	699.7	700.8	725.5	734.5	729.6	750.7	708.8
Unemployment rate	6.2	6.4	6.4	6.4	6.5	6.5	6.5	6.4	6.6	6.7	6.6	6.8	6.4

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June ^P
Utah													
Civilian labor force	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	1,211.9	1,206.9
Employed	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	1,146.9	1,143.7
Unemployed	68.9	71.7	70.7	72.7	72.2	73.3	74.0	64.5	63.8	68.8	64.0	65.0	63.3
Unemployment rate	5.9	6.1	6.0	6.2	6.1	6.2	6.3	5.4	5.3	5.7	5.3	5.4	5.2
Vermont													
Civilian labor force	349.5	349.2	349.6	349.8	350.7	351.3	351.9	351.8	350.6	352.0	353.2	352.0	353.3
Employed	336.5	336.0	336.3	336.9	337.8	338.4	338.7	337.6	336.7	337.4	338.2	337.8	338.7
Unemployed	13.0	13.2	13.3	13.0	12.8	12.9	13.2	14.2	13.9	14.6	15.0	14.3	14.6
Unemployment rate	3.7	3.8	3.8	3.7	3.7	3.7	3.7	4.0	4.0	4.1	4.2	4.1	4.1
Virginia													
Civilian labor force	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	3,792.8	3,789.5
Employed	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	3,644.1	3,645.2
Unemployed	146.9	150.8	149.3	146.1	144.6	145.7	143.7	151.4	156.5	159.9	163.7	148.7	144.3
Unemployment rate	3.9	4.0	4.0	3.9	3.9	3.9	3.8	4.0	4.1	4.2	4.3	3.9	3.8
Washington													
Civilian labor force	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	3,104.5	3,100.2
Employed	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	2,875.2	2,861.1
Unemployed	227.0	228.4	224.5	226.0	221.8	220.0	219.0	210.6	213.4	219.7	228.9	229.3	239.1
Unemployment rate	7.3	7.3	7.2	7.2	7.1	7.0	7.0	6.7	6.9	7.1	7.3	7.4	7.7
West Virginia													
Civilian labor force	802.5	802.2	800.2	798.9	796.7	793.7	792.4	807.0	809.4	803.0	805.0	802.7	802.9
Employed	752.1	751.5	750.5	749.0	747.1	744.8	744.3	763.2	761.2	757.1	756.7	755.2	752.2
Unemployed	50.5	50.8	49.7	49.9	49.7	48.8	48.1	43.8	48.2	45.9	48.3	47.4	50.7
Unemployment rate	6.3	6.3	6.2	6.2	6.2	6.2	6.1	5.4	6.0	5.7	6.0	5.9	6.3
Wisconsin													
Civilian labor force	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	3,089.3	3,099.5
Employed	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	2,923.3	2,926.8
Unemployed	161.0	163.2	167.1	165.3	166.2	168.2	173.4	167.3	165.3	170.9	166.3	166.0	172.6
Unemployment rate	5.3	5.4	5.5	5.5	5.5	5.6	5.7	5.4	5.3	5.5	5.4	5.4	5.6
Wyoming													
Civilian labor force	270.0	269.8	269.4	269.6	269.5	270.0	270.1	274.6	275.5	274.9	275.4	275.6	276.3
Employed	258.8	258.6	258.3	258.3	258.1	258.3	258.3	263.8	264.2	263.7	264.5	264.5	264.6
Unemployed	11.2	11.2	11.1	11.4	11.4	11.6	11.8	10.9	11.3	11.2	10.9	11.1	11.7
Unemployment rate	4.1	4.1	4.1	4.2	4.2	4.3	4.4	4.0	4.1	4.1	4.0	4.0	4.2
Puerto Rico													
Civilian labor force	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	1,414.4	1,407.6
Employed	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	1,243.2	1,231.8
Unemployed	172.8	170.8	166.8	166.4	160.0	162.7	166.2	156.8	163.9	169.7	176.2	171.2	175.8
Unemployment rate	12.7	12.6	12.2	12.2	11.8	12.0	12.3	11.4	12.0	12.2	12.5	12.1	12.5

^P = preliminary.

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			
	May		June		May		June		May		June	
	2002	2003	2002	2003P	2002	2003	2002	2003P	2002	2003	2002	2003P
Alabama	2,098.2	2,144.7	2,124.0	2,177.3	115.1	112.5	139.5	136.4	5.5	5.2	6.6	6.3
Anniston	51.7	52.2	52.2	52.7	2.8	2.7	3.3	3.4	5.4	5.1	6.3	6.4
Auburn-Opelika	50.8	52.5	50.9	52.1	1.8	1.9	2.2	2.2	3.5	3.6	4.4	4.2
Birmingham	470.1	480.7	473.8	489.4	19.1	19.6	22.9	23.5	4.1	4.1	4.8	4.8
Decatur	71.5	73.7	72.7	74.5	4.2	4.2	5.6	4.8	5.9	5.7	7.7	6.5
Dothan	64.8	66.5	65.9	67.2	2.8	2.9	3.3	3.3	4.4	4.3	5.1	4.9
Florence	64.2	61.6	65.2	62.6	6.3	4.6	7.7	5.5	9.9	7.5	11.8	8.8
Gadsden	47.3	48.0	47.8	48.7	2.7	2.7	3.4	3.1	5.7	5.6	7.0	6.3
Huntsville	175.8	176.7	177.7	177.8	6.8	7.0	8.2	8.3	3.9	4.0	4.6	4.7
Mobile	266.9	272.9	271.8	279.1	14.8	15.6	18.3	19.2	5.5	5.7	6.7	6.9
Montgomery	161.3	166.8	161.8	169.0	7.0	7.9	8.3	9.4	4.3	4.7	5.1	5.6
Tuscaloosa	83.9	86.5	82.9	86.4	2.9	2.9	3.6	3.5	3.4	3.4	4.4	4.1
Alaska	320.7	342.8	330.3	353.5	23.0	24.2	24.4	26.3	7.2	7.1	7.4	7.4
Anchorage	143.2	153.2	145.5	156.3	7.3	7.7	7.6	8.4	5.1	5.0	5.2	5.4
Arizona	2,674.7	2,675.6	2,692.2	2,681.9	165.9	156.8	178.5	166.6	6.2	5.9	6.6	6.2
Flagstaff	70.3	68.2	74.0	71.8	3.4	3.9	4.7	5.2	4.9	5.7	6.4	7.2
Phoenix-Mesa	1,787.1	1,792.5	1,801.7	1,796.7	100.1	92.6	105.9	95.7	5.6	5.2	5.9	5.3
Tucson	429.3	429.7	427.2	425.7	20.5	18.5	21.7	19.6	4.8	4.3	5.1	4.6
Yuma	76.5	75.0	76.0	75.6	22.6	23.0	22.8	23.6	29.5	30.6	30.0	31.2
Arkansas	1,290.7	1,308.3	1,312.6	1,331.8	68.1	69.2	76.9	80.6	5.3	5.3	5.9	6.1
Fayetteville-Springdale-Rogers	167.3	173.8	170.2	176.2	3.9	4.6	4.5	5.3	2.3	2.6	2.7	3.0
Fort Smith	100.4	102.5	102.1	104.4	4.6	4.9	5.0	5.5	4.6	4.8	4.9	5.3
Jonesboro	45.2	46.7	45.4	47.6	2.1	1.9	2.3	2.3	4.7	4.1	5.2	4.8
Little Rock-North Little Rock	314.8	317.2	320.6	323.2	13.9	13.8	16.3	16.2	4.4	4.4	5.1	5.0
Pine Bluff	37.0	37.5	38.0	38.4	3.2	3.1	3.7	3.6	8.7	8.2	9.8	9.4
California	17,267.4	17,482.6	17,409.2	17,648.4	1,072.7	1,116.0	1,171.3	1,185.3	6.2	6.4	6.7	6.7
Bakersfield	298.4	303.7	306.1	309.6	31.4	35.2	35.2	36.7	10.5	11.6	11.5	11.9
Chico-Paradise	90.5	93.9	90.1	93.2	6.4	6.9	7.1	7.4	7.0	7.4	7.9	7.9
Fresno	451.4	461.0	458.2	469.2	58.5	61.5	61.6	62.5	13.0	13.3	13.4	13.3
Los Angeles-Long Beach	4,635.2	4,732.9	4,642.8	4,759.0	309.5	307.2	330.5	329.7	6.7	6.5	7.1	6.9
Merced	87.8	93.3	90.6	96.2	11.9	13.1	12.9	13.8	13.5	14.0	14.3	14.4
Modesto	211.2	218.5	218.5	224.2	24.1	25.7	25.4	26.8	11.4	11.8	11.6	12.0
Oakland	1,274.3	1,298.9	1,289.1	1,308.8	73.7	80.0	82.4	85.7	5.8	6.2	6.4	6.5
Orange County	1,549.1	1,563.6	1,562.3	1,575.9	60.6	57.6	67.7	61.6	3.9	3.7	4.3	3.9
Redding	79.6	80.7	81.7	81.8	5.2	6.0	5.7	6.1	6.5	7.5	7.0	7.5
Riverside-San Bernardino	1,640.0	1,673.6	1,660.8	1,698.3	86.8	93.1	99.1	104.1	5.3	5.6	6.0	6.1
Sacramento	854.0	870.1	863.0	880.0	40.7	45.1	45.5	48.4	4.8	5.2	5.3	5.5
Salinas	200.8	203.0	202.3	205.1	15.3	16.5	14.8	16.2	7.6	8.1	7.3	7.9
San Diego	1,461.2	1,482.4	1,477.6	1,491.4	57.3	61.9	64.7	66.4	3.9	4.2	4.4	4.5
San Francisco	936.8	922.5	937.0	932.8	52.0	51.7	57.8	55.8	5.6	5.6	6.2	6.0
San Jose	951.9	915.2	959.2	924.4	75.6	74.6	82.5	78.7	7.9	8.2	8.6	8.5
San Luis Obispo-Atascadero-Paso Robles	123.5	125.0	125.1	125.8	3.4	3.8	4.1	4.0	2.8	3.0	3.3	3.2
Santa Barbara-Santa Maria-Lompoc	209.6	208.8	208.6	210.1	6.9	7.2	7.6	7.4	3.3	3.5	3.6	3.5
Santa Cruz-Watsonville	144.2	145.7	147.1	148.5	9.4	10.6	9.5	10.2	6.5	7.3	6.4	6.9
Santa Rosa	266.5	266.4	267.4	269.2	11.0	12.6	12.1	13.0	4.1	4.7	4.5	4.8
Stockton-Lodi	274.9	279.9	278.0	284.1	25.1	26.9	26.5	28.3	9.1	9.6	9.5	10.0
Vallejo-Fairfield-Napa	279.5	287.6	282.4	291.3	12.9	15.4	14.6	16.4	4.6	5.4	5.2	5.6
Ventura	425.8	420.7	426.7	423.3	19.1	20.1	21.9	21.5	4.5	4.8	5.1	5.1
Visalia-Tulare-Porterville	176.1	181.5	178.0	181.9	22.8	24.6	25.3	24.8	13.0	13.5	14.2	13.6
Yolo	95.4	97.0	96.0	97.4	4.0	4.6	4.4	4.8	4.2	4.8	4.5	4.9
Yuba City	59.5	59.8	59.9	60.2	7.8	8.4	8.1	8.4	13.2	14.1	13.6	14.0
Colorado	2,416.5	2,459.7	2,471.4	2,501.3	126.5	134.4	147.5	149.2	5.2	5.5	6.0	6.0
Boulder-Longmont ^{1,2}	198.9	176.6	200.6	175.4	10.3	9.2	12.1	10.3	5.2	5.2	6.1	5.9
Colorado Springs	277.8	281.3	284.3	282.0	16.4	16.0	19.7	18.4	5.9	5.7	6.9	6.5
Denver ^{1,2}	1,206.5	1,251.0	1,230.4	1,266.3	65.1	70.1	75.8	78.2	5.4	5.6	6.2	6.2
Fort Collins-Loveland	156.9	161.2	160.4	163.6	7.2	7.9	8.3	8.9	4.6	4.9	5.2	5.4
Grand Junction	63.6	66.3	64.6	67.7	2.6	3.1	3.3	3.8	4.0	4.7	5.1	5.6
Greeley	97.3	99.9	97.4	100.9	5.2	6.0	6.1	6.8	5.4	6.0	6.3	6.7
Pueblo	61.4	63.1	63.1	63.5	3.7	3.9	4.4	4.4	6.0	6.1	6.9	6.9
Connecticut	1,770.9	1,777.3	1,796.2	1,805.3	77.4	89.7	79.9	93.0	4.4	5.0	4.4	5.2
Bridgeport	225.6	227.4	227.5	230.4	12.2	14.3	12.5	14.9	5.4	6.3	5.5	6.5
Danbury	113.4	116.1	115.7	119.1	3.8	4.0	4.0	4.1	3.4	3.4	3.4	3.4
Hartford	603.4	603.8	608.2	608.6	26.7	32.3	27.6	33.7	4.4	5.4	4.5	5.5
New Haven-Meriden	285.5	288.5	290.8	292.2	11.5	14.2	12.2	14.7	4.0	4.9	4.2	5.0
New London-Norwich	162.9	166.9	166.8	170.8	6.1	7.4	6.5	7.6	3.8	4.4	3.9	4.5
Stamford-Norwalk	191.8	190.0	196.0	194.2	6.4	6.4	6.4	6.5	3.3	3.3	3.3	3.3
Waterbury	117.3	115.9	119.5	118.8	7.3	7.9	7.2	8.1	6.2	6.8	6.0	6.9
Delaware	421.0	418.8	424.5	421.2	16.6	14.1	19.0	16.5	3.9	3.4	4.5	3.9
Dover	74.4	74.5	73.9	74.0	2.8	2.5	3.2	3.1	3.8	3.3	4.4	4.2
Wilmington-Newark	311.2	308.3	311.8	308.5	13.1	11.9	15.6	13.6	4.2	3.9	5.0	4.4

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			
	May		June		May		June		May		June	
	2002	2003	2002	2003P	2002	2003	2002	2003P	2002	2003	2002	2003P
District of Columbia	302.6	304.0	308.3	314.4	18.6	18.4	21.4	22.8	6.1	6.1	7.0	7.2
Washington	2,819.0	2,847.2	2,860.8	2,894.1	104.8	98.2	114.3	106.7	3.7	3.4	4.0	3.7
Florida	8,096.9	8,087.9	8,132.6	8,107.1	424.9	406.5	470.3	451.3	5.2	5.0	5.8	5.6
Daytona Beach	214.8	215.1	214.7	215.3	11.0	10.8	11.8	11.5	5.1	5.0	5.5	5.3
Fort Lauderdale	858.4	862.0	868.1	872.2	49.9	48.3	53.2	51.6	5.8	5.6	6.1	5.9
Fort Myers-Cape Coral	210.7	210.5	208.8	210.3	8.2	8.5	8.6	9.3	3.9	4.0	4.1	4.4
Fort Pierce-Port St. Lucie	140.5	140.0	141.2	139.9	8.1	8.7	10.5	10.8	5.8	6.2	7.5	7.7
Fort Walton Beach	88.8	90.3	91.4	91.8	2.7	2.4	3.0	2.5	3.1	2.6	3.2	2.8
Gainesville	114.5	111.4	111.3	108.2	2.9	2.7	3.3	2.8	2.5	2.4	3.0	2.6
Jacksonville	593.3	586.7	597.5	591.0	31.4	29.4	36.0	35.0	5.3	5.0	6.0	5.9
Lakeland-Winter Haven	220.1	217.8	219.1	217.9	11.6	11.8	14.3	14.9	5.3	5.4	6.5	6.8
Melbourne-Titusville-Palm Bay	221.9	219.8	223.3	220.1	11.6	11.0	12.6	11.6	5.2	5.0	5.7	5.2
Miami	1,116.5	1,106.6	1,135.8	1,122.4	84.5	79.2	90.4	86.1	7.6	7.2	8.0	7.7
Naples	115.3	121.7	116.0	120.5	3.7	4.4	5.3	5.9	3.2	3.6	4.6	4.9
Ocala	103.9	104.0	103.8	103.4	5.0	4.7	5.6	5.1	4.8	4.6	5.3	4.9
Orlando	956.4	955.7	960.8	959.4	50.2	47.1	53.8	50.4	5.2	4.9	5.6	5.2
Panama City	69.9	69.8	71.3	70.9	3.5	3.4	3.7	3.6	5.0	4.8	5.1	5.1
Pensacola	178.0	175.3	178.5	174.5	8.0	7.1	9.1	7.9	4.5	4.1	5.1	4.5
Punta Gorda	56.5	58.8	56.4	58.4	2.1	2.1	2.3	2.3	3.8	3.6	4.0	3.9
Sarasota-Bradenton	297.0	299.4	297.5	299.2	9.9	9.8	10.9	10.8	3.3	3.3	3.7	3.6
Tallahassee	157.8	155.4	156.6	154.1	6.1	5.1	6.9	5.7	3.8	3.3	4.4	3.7
Tampa-St. Petersburg-Clearwater	1,329.2	1,326.5	1,328.3	1,320.5	59.5	56.4	64.2	60.7	4.5	4.3	4.8	4.6
West Palm Beach-Boca Raton	579.5	585.5	576.2	584.5	31.7	31.1	36.3	36.0	5.5	5.3	6.3	6.2
Georgia	4,299.6	4,385.5	4,324.5	4,417.7	212.9	201.7	245.6	236.7	5.0	4.6	5.7	5.4
Albany	55.6	57.1	55.9	57.3	3.7	2.7	3.8	3.2	6.7	4.8	6.8	5.6
Athens	76.0	77.4	76.6	77.5	2.4	2.3	2.7	2.6	3.2	2.9	3.6	3.4
Atlanta	2,387.4	2,429.7	2,398.8	2,454.9	122.4	115.7	140.4	134.8	5.1	4.8	5.9	5.5
Augusta-Aiken	210.0	213.6	211.3	216.1	10.6	9.7	12.6	11.3	5.0	4.6	5.9	5.2
Columbus	125.2	124.7	125.2	127.6	6.2	6.4	7.9	7.8	5.0	5.1	6.3	6.1
Macon	154.8	157.1	155.5	157.4	6.5	6.1	7.6	7.1	4.2	3.9	4.9	4.5
Savannah	143.8	146.8	144.6	147.7	5.4	5.6	7.2	7.2	3.8	3.8	5.0	4.9
Hawaii	578.4	600.3	581.8	605.4	24.6	23.0	26.1	26.5	4.2	3.8	4.5	4.4
Honolulu	410.3	425.6	412.7	428.2	15.8	14.4	16.5	16.4	3.8	3.4	4.0	3.8
Idaho	684.7	693.2	695.2	701.0	36.8	34.1	35.9	32.9	5.4	4.9	5.2	4.7
Boise City	250.9	247.1	254.0	248.8	12.3	12.2	12.7	12.2	4.9	4.9	5.0	4.9
Pocatello	39.0	41.3	39.8	40.4	2.3	2.0	2.5	1.9	5.8	4.8	6.3	4.7
Illinois	6,361.5	6,365.0	6,472.3	6,513.4	396.4	374.8	440.9	431.9	6.2	5.9	6.8	6.6
Bloomington-Normal	95.9	96.0	94.3	94.7	2.4	2.2	2.7	2.6	2.5	2.3	2.9	2.8
Champaign-Urbana	101.3	102.0	98.8	100.6	3.2	2.6	3.5	3.3	3.1	2.6	3.6	3.2
Chicago	4,251.7	4,260.2	4,337.9	4,370.9	277.2	259.5	307.6	295.0	6.5	6.1	7.1	6.7
Davenport-Moline-Rock Island	189.2	186.7	193.3	190.5	9.3	8.6	9.9	9.4	4.9	4.6	5.1	4.9
Decatur	56.9	56.0	57.7	57.5	4.4	3.6	5.2	4.5	7.7	6.4	9.1	7.8
Kankakee	52.7	52.7	53.4	53.4	3.4	3.4	4.0	3.9	6.4	6.4	7.5	7.3
Peoria-Pekin	180.8	181.7	184.8	186.4	8.5	9.0	9.8	10.4	4.7	4.9	5.3	5.6
Rockford	198.4	198.5	202.2	203.5	14.6	15.0	16.0	17.0	7.4	7.5	7.9	8.4
Springfield	108.2	106.5	110.2	109.1	4.5	4.6	5.6	5.8	4.2	4.3	5.0	5.3
Indiana	3,181.8	3,197.0	3,209.0	3,237.6	159.9	152.4	162.8	149.4	5.0	4.8	5.1	4.6
Bloomington	59.9	63.3	61.5	62.6	2.3	2.0	2.4	1.9	3.9	3.1	3.9	3.1
Elkhart-Goshen	95.5	100.8	98.0	103.4	4.4	4.4	4.5	4.3	4.6	4.4	4.6	4.1
Evansville-Henderson	166.5	166.3	168.0	169.3	6.7	6.6	6.7	7.2	4.0	3.9	4.0	4.2
Fort Wayne	272.4	275.4	272.6	280.9	13.4	13.8	13.6	13.5	4.9	5.0	5.0	4.8
Gary	304.5	300.2	307.7	305.4	18.6	16.0	20.3	16.3	6.1	5.3	6.6	5.3
Indianapolis	898.0	884.7	909.9	905.4	41.5	39.7	42.4	38.5	4.6	4.5	4.7	4.2
Kokomo	51.1	51.0	50.6	51.6	2.8	2.6	2.5	2.4	5.6	5.1	5.0	4.7
Lafayette	95.1	94.8	92.7	92.6	3.4	3.7	3.5	3.5	3.6	3.9	3.7	3.8
Muncie	61.1	61.4	59.5	60.0	3.4	3.4	3.4	3.2	5.5	5.5	5.7	5.3
South Bend	137.4	137.2	139.6	139.3	6.7	6.0	7.1	5.9	4.9	4.4	5.1	4.2
Terre Haute	71.2	70.4	71.2	70.8	4.5	3.8	4.4	3.9	6.4	5.4	6.1	5.5
Iowa	1,663.5	1,627.7	1,690.2	1,662.4	57.1	62.6	66.2	68.9	3.4	3.8	3.9	4.1
Cedar Rapids	120.8	117.4	121.8	119.0	4.6	5.0	5.2	5.4	3.8	4.2	4.2	4.5
Des Moines	277.6	274.0	283.4	277.4	8.3	9.6	9.7	9.8	3.0	3.5	3.4	3.5
Dubuque	50.5	48.7	51.1	49.6	1.5	1.6	1.9	1.7	3.0	3.3	3.7	3.3
Iowa City	76.1	75.9	75.2	74.4	2.1	2.2	2.5	2.5	2.7	2.9	3.3	3.3
Sioux City	66.4	65.8	66.8	66.4	2.4	3.0	2.8	3.2	3.7	4.5	4.2	4.9
Waterloo-Cedar Falls	72.6	71.3	72.1	70.4	2.7	3.1	3.1	3.5	3.7	4.3	4.3	4.9
Kansas	1,404.2	1,462.7	1,438.9	1,499.6	67.3	64.5	75.9	76.9	4.8	4.4	5.3	5.1
Lawrence	57.5	59.0	57.3	58.9	2.6	2.2	3.4	2.7	4.6	3.8	5.9	4.6
Topeka	87.9	93.1	89.8	94.9	3.4	3.4	4.0	4.0	3.9	3.6	4.5	4.3
Wichita	281.9	290.9	289.2	299.4	17.3	16.5	19.8	22.9	6.1	5.7	6.9	7.6

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			
	May		June		May		June		May		June	
	2002	2003	2002	2003P	2002	2003	2002	2003P	2002	2003	2002	2003P
Kentucky	1,979.3	1,994.5	2,005.0	2,025.1	109.7	110.4	112.4	119.6	5.5	5.5	5.6	5.9
Lexington	255.5	257.9	256.6	260.0	10.2	9.9	10.5	10.3	4.0	3.8	4.1	4.0
Louisville	564.0	567.7	568.3	577.8	30.6	27.9	30.5	29.6	5.4	4.9	5.4	5.1
Owensboro	48.7	49.9	49.4	51.3	2.6	2.8	2.8	3.3	5.3	5.6	5.6	6.5
Louisiana	2,003.7	2,060.1	2,049.7	2,089.1	115.8	120.5	143.1	158.2	5.8	5.9	7.0	7.6
Alexandria	59.2	60.8	60.8	61.7	3.1	3.3	4.2	4.7	5.2	5.4	6.8	7.6
Baton Rouge	300.4	308.9	306.2	313.6	15.8	17.1	20.3	23.4	5.3	5.5	6.6	7.5
Houma	96.1	99.7	97.9	99.9	3.7	3.5	4.4	4.5	3.8	3.5	4.5	4.5
Lafayette	178.6	183.8	180.6	185.8	9.6	8.7	11.5	12.1	5.4	4.7	6.4	6.5
Lake Charles	87.1	90.2	88.1	91.2	5.0	5.3	6.2	7.1	5.8	5.9	7.0	7.8
Monroe	73.0	74.0	74.8	74.0	3.3	4.0	4.3	5.2	4.5	5.4	5.8	7.0
New Orleans	593.2	608.3	608.7	618.2	30.7	30.1	37.3	41.0	5.2	4.9	6.1	6.6
Shreveport-Bossier City	178.9	183.9	183.2	186.2	11.8	14.7	14.3	15.6	6.6	8.0	7.8	8.4
Maine	683.7	691.2	700.6	705.0	28.0	30.2	30.2	31.1	4.1	4.4	4.3	4.4
Bangor	53.9	54.1	53.0	53.0	1.3	1.4	1.4	1.5	2.4	2.6	2.7	2.9
Lewiston-Auburn	54.3	53.6	55.2	54.4	2.1	2.2	2.4	2.3	3.8	4.1	4.3	4.3
Portland	139.6	140.5	142.1	141.6	3.6	3.5	4.1	3.9	2.6	2.5	2.9	2.8
Maryland	2,883.3	2,921.3	2,945.0	2,968.1	120.4	124.3	136.9	135.2	4.2	4.3	4.6	4.6
Baltimore	1,339.5	1,366.9	1,369.2	1,385.0	61.1	65.2	71.1	72.6	4.6	4.8	5.2	5.2
Cumberland	44.2	44.4	44.8	45.3	2.8	2.5	3.0	2.8	6.4	5.7	6.7	6.3
Hagerstown	70.7	71.8	72.0	73.3	2.9	3.1	3.2	3.5	4.1	4.3	4.4	4.8
Massachusetts	3,464.7	3,438.9	3,539.5	3,497.4	168.9	183.0	191.0	198.0	4.9	5.3	5.4	5.7
Barnstable-Yarmouth	82.2	83.2	90.2	89.6	2.9	3.3	3.0	3.3	3.5	4.0	3.4	3.7
Boston	1,908.8	1,887.2	1,940.9	1,911.9	86.4	91.8	97.5	99.9	4.5	4.9	5.0	5.2
Brockton	141.6	144.3	144.4	146.0	7.1	7.9	8.2	8.7	5.0	5.5	5.7	6.0
Fitchburg-Leominster	71.3	72.8	72.6	74.2	4.7	5.1	5.3	5.6	6.6	7.0	7.3	7.5
Lawrence	223.2	220.0	227.5	223.6	16.5	15.7	18.2	17.0	7.4	7.2	8.0	7.6
Lowell	185.3	179.8	188.2	182.1	10.9	11.4	12.7	12.5	5.9	6.4	6.7	6.9
New Bedford	84.1	83.9	86.5	85.5	5.3	6.0	5.9	6.2	6.3	7.2	6.8	7.3
Pittsfield	41.3	41.7	43.2	42.9	1.9	2.1	2.1	2.1	4.6	5.0	4.9	4.9
Springfield	298.3	298.3	301.1	299.5	13.7	15.6	15.6	16.9	4.6	5.2	5.2	5.6
Worcester	267.2	261.7	271.2	263.5	14.3	16.4	16.5	17.7	5.3	6.3	6.1	6.7
Michigan	5,019.2	5,117.3	5,096.8	5,218.3	296.4	331.0	330.6	384.9	5.9	6.5	6.5	7.4
Ann Arbor	309.2	316.8	314.2	319.9	10.8	11.4	12.5	13.0	3.5	3.6	4.0	4.1
Benton Harbor	80.4	82.2	81.9	82.5	4.7	5.2	5.4	6.1	5.8	6.3	6.7	7.4
Detroit	2,232.2	2,272.2	2,269.8	2,328.4	133.5	149.9	150.6	176.2	6.0	6.6	6.6	7.6
Flint	188.7	185.9	190.2	190.8	15.4	16.3	16.8	18.5	8.1	8.8	8.8	9.7
Grand Rapids-Muskegon-Holland	608.7	626.8	617.3	636.1	38.3	43.5	42.7	51.1	6.3	6.9	6.9	8.0
Jackson	79.5	80.3	80.7	81.4	4.8	5.7	5.3	6.6	6.1	7.1	6.6	8.1
Kalamazoo-Battle Creek	227.6	230.8	230.1	232.7	11.1	12.9	12.5	15.2	4.9	5.6	5.4	6.5
Lansing-East Lansing	247.1	254.2	246.5	253.6	9.2	10.5	10.5	12.0	3.7	4.1	4.3	4.7
Saginaw-Bay City-Midland	195.9	202.5	199.3	207.3	12.2	14.5	13.4	17.1	6.2	7.2	6.7	8.2
Minnesota	2,918.5	2,920.2	2,962.0	2,969.0	115.3	113.0	138.5	139.5	3.9	3.9	4.7	4.7
Duluth-Superior	131.6	132.5	133.4	134.9	6.5	5.8	7.0	7.3	5.0	4.4	5.2	5.4
Minneapolis-St. Paul	1,821.0	1,825.8	1,855.3	1,855.1	72.5	71.2	87.8	87.1	4.0	3.9	4.7	4.7
Rochester	81.7	82.7	84.1	84.6	2.7	2.8	3.2	3.5	3.3	3.4	3.8	4.1
St. Cloud	107.5	106.5	105.7	104.9	4.0	3.9	4.9	4.7	3.8	3.6	4.6	4.5
Mississippi	1,299.7	1,321.7	1,310.5	1,343.6	90.4	85.5	99.4	103.6	7.0	6.5	7.6	7.7
Biloxi-Gulfport-Pascagoula	174.3	171.9	174.7	174.5	10.1	8.8	10.5	10.5	5.8	5.1	6.0	6.0
Hattiesburg	53.9	54.6	54.5	54.8	2.5	2.2	2.9	2.7	4.7	3.9	5.4	4.9
Jackson	234.1	242.5	238.4	246.2	10.7	11.0	12.1	13.3	4.6	4.5	5.1	5.4
Missouri	2,997.3	2,984.6	3,055.9	3,045.3	153.7	147.7	176.2	175.6	5.1	4.9	5.8	5.8
Columbia	89.1	87.7	90.4	89.6	1.9	1.7	2.4	2.2	2.1	1.9	2.7	2.5
Joplin	82.7	81.2	84.1	83.0	4.0	4.1	4.9	4.8	4.8	5.0	5.8	5.8
Kansas City	1,001.4	1,015.1	1,028.5	1,038.5	53.5	54.4	60.2	62.4	5.3	5.4	5.9	6.0
St. Joseph	53.4	52.1	54.1	53.3	3.1	2.6	3.2	3.0	5.7	5.0	5.9	5.6
St. Louis ²	1,384.6	1,394.4	1,414.8	1,410.1	75.5	73.6	87.5	88.1	5.4	5.3	6.2	6.2
Springfield	176.5	180.3	178.7	182.8	7.2	6.0	8.1	7.1	4.1	3.3	4.5	3.9
Montana	464.4	476.7	472.0	484.1	18.9	17.8	20.6	21.0	4.1	3.7	4.4	4.3
Billings	68.6	75.1	69.1	75.4	2.2	2.0	2.6	2.6	3.2	2.6	3.8	3.4
Great Falls	36.5	36.5	36.8	36.9	1.3	1.3	1.6	1.7	3.7	3.6	4.4	4.5
Missoula	53.6	56.6	52.3	57.2	1.8	1.6	2.0	1.9	3.4	2.9	3.8	3.3
Nebraska	960.7	988.0	975.3	999.2	34.0	38.3	38.5	42.3	3.5	3.9	3.9	4.2
Lincoln	151.8	158.1	153.9	158.0	5.0	6.1	5.6	6.7	3.3	3.8	3.6	4.2
Omaha	412.3	425.6	419.2	428.0	15.8	17.9	17.9	19.6	3.8	4.2	4.3	4.6

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			
	May		June		May		June		May		June	
	2002	2003	2002	2003P	2002	2003	2002	2003P	2002	2003	2002	2003P
Nevada	1,118.4	1,114.9	1,132.3	1,123.5	57.6	55.2	64.9	61.1	5.2	5.0	5.7	5.4
Las Vegas	883.5	882.3	892.5	887.4	47.0	44.5	53.1	49.8	5.3	5.0	6.0	5.6
Reno	198.4	196.3	201.3	198.1	8.8	8.1	9.6	8.6	4.4	4.1	4.8	4.3
New Hampshire	703.0	709.7	714.6	722.9	32.0	26.5	34.2	28.9	4.5	3.7	4.8	4.0
Manchester	112.3	115.1	113.7	116.4	4.9	4.5	5.4	4.8	4.4	3.9	4.7	4.1
Nashua	107.2	107.2	108.6	107.7	6.4	5.3	6.8	5.7	6.0	5.0	6.3	5.3
Portsmouth-Rochester	133.6	136.1	134.8	139.2	5.3	4.5	5.9	5.0	4.0	3.3	4.4	3.6
New Jersey	4,353.0	4,415.3	4,418.7	4,476.8	244.0	238.6	264.4	259.6	5.6	5.4	6.0	5.8
Atlantic-Cape May	174.3	179.1	182.4	188.1	11.7	12.2	12.0	12.7	6.7	6.8	6.6	6.8
Bergen-Passaic	677.7	686.1	687.0	688.3	38.5	37.2	41.3	40.1	5.7	5.4	6.0	5.8
Jersey City	295.8	298.1	295.9	299.8	23.9	22.3	25.6	24.0	8.1	7.5	8.7	8.0
Middlesex-Somerset-Hunterdon	674.6	684.0	682.8	688.8	32.3	30.4	35.0	32.9	4.8	4.4	5.1	4.8
Monmouth-Ocean	564.0	572.4	581.7	589.5	28.1	28.3	30.7	30.9	5.0	4.9	5.3	5.2
Newark	1,057.5	1,074.3	1,069.9	1,089.8	62.2	60.3	67.4	65.7	5.9	5.6	6.3	6.0
Trenton	188.7	189.9	190.4	192.0	8.8	8.4	10.1	9.5	4.7	4.4	5.3	5.0
Vineland-Millville-Bridgeton	65.3	66.3	66.2	67.6	5.1	5.5	5.4	5.9	7.7	8.3	8.1	8.7
New Mexico	872.7	895.0	889.3	912.3	47.3	52.9	58.5	63.7	5.4	5.9	6.6	7.0
Albuquerque	382.1	394.8	390.4	403.5	17.5	20.0	22.2	24.7	4.6	5.1	5.7	6.1
Las Cruces	76.1	78.6	74.8	77.1	5.7	5.6	6.1	6.1	7.5	7.2	8.2	7.9
Santa Fe	78.2	80.6	80.1	83.2	2.0	2.5	2.5	3.1	2.6	3.1	3.1	3.7
New York	9,303.4	9,296.8	9,438.8	9,449.3	546.2	545.3	555.5	554.0	5.9	5.9	5.9	5.9
Albany-Schenectady-Troy	466.7	471.1	472.8	480.0	16.8	17.2	16.3	17.0	3.6	3.7	3.4	3.5
Binghamton	127.2	124.7	127.9	126.6	7.5	6.7	7.5	6.9	5.9	5.4	5.9	5.4
Buffalo-Niagara Falls	572.7	578.7	581.3	591.2	32.5	34.9	33.7	36.5	5.7	6.0	5.8	6.2
Dutchess County	127.5	130.4	130.0	132.3	5.2	4.7	5.2	4.5	4.1	3.6	4.0	3.4
Elmira	42.9	42.4	43.6	43.5	2.9	2.7	3.0	2.8	6.8	6.3	7.0	6.5
Glens Falls	59.3	61.2	63.7	66.4	2.6	2.7	2.5	2.7	4.4	4.3	3.9	4.0
Jamestown	65.6	66.9	67.5	69.4	4.0	4.1	4.0	4.4	6.1	6.2	6.0	6.3
Nassau-Suffolk	1,467.1	1,486.9	1,499.0	1,526.1	58.2	57.1	63.8	62.2	4.0	3.8	4.3	4.1
New York	4,403.4	4,340.4	4,446.7	4,370.9	309.4	309.2	313.0	309.1	7.0	7.1	7.0	7.1
New York City	3,724.9	3,651.3	3,752.6	3,663.5	282.9	284.4	284.1	282.1	7.6	7.8	7.6	7.7
Newburgh	186.8	190.0	192.6	195.7	7.9	8.3	8.7	8.9	4.2	4.4	4.5	4.6
Rochester	574.6	571.4	583.8	583.6	33.9	32.8	33.9	33.4	5.9	5.7	5.8	5.7
Syracuse	369.0	377.5	373.4	384.4	19.9	20.7	19.8	21.3	5.4	5.5	5.3	5.5
Utica-Rome	143.9	146.6	147.5	149.7	7.3	6.8	7.6	7.1	5.1	4.7	5.2	4.8
North Carolina	4,179.5	4,184.1	4,233.2	4,218.2	281.2	253.6	295.6	284.8	6.7	6.1	7.0	6.8
Asheville	117.2	117.7	118.4	118.5	5.5	4.2	5.6	4.7	4.7	3.6	4.7	4.0
Charlotte-Gastonia-Rock Hill	856.7	872.6	870.1	877.6	54.4	52.6	56.9	58.3	6.3	6.0	6.5	6.6
Fayetteville	129.2	128.9	130.2	129.4	8.5	7.0	8.7	7.8	6.6	5.4	6.7	6.0
Goldsboro	51.9	52.5	52.3	52.4	3.2	3.0	3.3	3.2	6.2	5.6	6.3	6.1
Greensboro—Winston-Salem—High Point	678.5	681.1	685.3	684.5	41.5	41.0	45.2	45.8	6.1	6.0	6.6	6.7
Greenville	72.7	73.1	74.3	74.2	5.2	4.9	5.5	5.5	7.1	6.6	7.4	7.5
Hickory-Morganton-Lenoir	180.1	175.2	182.5	176.8	15.4	14.5	16.5	16.5	8.6	8.3	9.1	9.3
Jacksonville	51.6	51.5	51.3	50.6	2.7	2.8	3.3	3.1	5.3	5.5	6.4	6.1
Raleigh-Durham-Chapel Hill	696.1	705.4	707.7	714.8	36.2	32.1	39.1	36.1	5.2	4.6	5.5	5.0
Rocky Mount	70.9	69.4	71.4	69.6	7.5	5.9	7.6	6.6	10.6	8.5	10.6	9.5
Wilmington	126.3	126.2	127.6	127.4	7.9	6.7	8.6	7.6	6.3	5.3	6.7	5.9
North Dakota	347.8	350.1	359.2	361.8	12.3	10.3	15.9	13.8	3.5	2.9	4.4	3.8
Bismarck	55.1	54.6	57.4	56.8	1.6	1.3	2.1	1.8	2.9	2.5	3.7	3.1
Fargo-Moorhead	106.1	106.0	107.9	108.3	2.3	2.2	2.8	2.7	2.2	2.1	2.6	2.5
Grand Forks	53.7	52.9	54.2	54.0	2.4	1.7	2.7	2.1	4.5	3.3	5.0	3.9
Ohio	5,842.0	5,885.4	5,903.2	5,963.3	325.2	344.0	354.0	389.1	5.6	5.8	6.0	6.5
Akron	369.1	376.7	373.0	383.0	19.7	19.8	21.1	22.3	5.3	5.3	5.7	5.8
Canton-Massillon	206.0	205.9	207.8	210.5	10.8	13.0	11.9	15.3	5.3	6.3	5.7	7.3
Cincinnati	869.6	884.5	881.7	896.7	42.1	42.4	46.3	48.8	4.8	4.8	5.3	5.4
Cleveland-Lorain-Elyria	1,115.3	1,120.7	1,128.7	1,135.3	72.4	71.6	77.3	79.4	6.5	6.4	6.9	7.0
Columbus	884.0	894.3	894.5	902.4	38.9	44.2	43.5	49.0	4.4	4.9	4.9	5.4
Dayton-Springfield	473.8	472.0	478.3	479.9	26.6	28.7	29.1	32.5	5.6	6.1	6.1	6.8
Hamilton-Middletown	198.6	202.5	197.1	200.6	9.1	8.9	9.9	9.6	4.6	4.4	5.0	4.8
Lima	75.1	75.6	76.5	77.5	4.6	4.7	5.0	5.3	6.2	6.3	6.6	6.8
Mansfield	82.2	83.4	83.3	85.0	5.3	6.3	5.6	7.2	6.5	7.6	6.8	8.5
Steubenville-Weirton	55.1	55.8	56.1	57.3	2.7	3.6	2.9	4.2	4.9	6.4	5.2	7.3
Toledo	324.7	320.9	324.5	321.6	19.3	22.0	21.6	24.8	5.9	6.9	6.7	7.7
Youngstown-Warren	273.0	275.8	275.6	279.5	17.6	19.4	19.2	22.2	6.5	7.0	7.0	7.9
Oklahoma	1,696.7	1,715.9	1,704.5	1,738.2	76.7	96.3	75.3	102.4	4.5	5.6	4.4	5.9
Enid	26.5	26.8	27.3	27.5	0.7	0.8	0.8	0.9	2.8	3.1	2.9	3.2
Lawton	41.6	41.0	42.2	41.4	1.4	1.3	1.4	1.6	3.5	3.3	3.2	3.8
Oklahoma City	568.6	587.1	576.0	592.1	23.5	32.4	23.8	34.0	4.1	5.5	4.1	5.7
Tulsa	433.5	424.1	437.4	436.6	21.1	26.4	20.9	28.2	4.9	6.2	4.8	6.5

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			
	May		June		May		June		May		June	
	2002	2003	2002	2003P	2002	2003	2002	2003P	2002	2003	2002	2003P
Oregon	1,819.9	1,827.0	1,852.3	1,871.5	126.7	142.9	134.6	156.5	7.0	7.8	7.3	8.4
Corvallis	40.8	41.5	40.7	41.7	1.4	1.6	1.4	1.8	3.4	3.9	3.4	4.3
Eugene-Springfield	169.1	171.8	169.5	173.7	10.4	12.8	10.9	14.0	6.1	7.5	6.4	8.0
Medford-Ashland	92.6	94.8	93.4	96.1	6.3	6.7	7.1	7.6	6.8	7.1	7.6	7.9
Portland-Vancouver	1,087.0	1,076.8	1,101.7	1,093.6	81.2	86.8	85.1	96.5	7.5	8.1	7.7	8.8
Salem	175.8	180.4	183.5	189.9	11.3	13.3	12.6	14.7	6.4	7.4	6.8	7.8
Pennsylvania	6,281.4	6,176.8	6,359.0	6,252.3	351.1	349.6	357.4	360.4	5.6	5.7	5.6	5.8
Allentown-Bethlehem-Easton	337.7	333.2	342.1	335.5	18.9	19.7	19.0	19.7	5.6	5.9	5.6	5.9
Altoona	66.5	65.1	67.6	66.0	3.9	3.3	4.1	3.5	5.8	5.1	6.0	5.2
Erie	144.8	139.7	146.0	140.9	10.7	9.8	11.0	10.3	7.4	7.0	7.5	7.3
Harrisburg-Lebanon-Carlisle	367.6	363.2	371.0	368.1	14.5	14.2	14.9	14.5	3.9	3.9	4.0	3.9
Johnstown	103.3	101.1	104.9	102.5	6.9	6.9	7.4	7.6	6.7	6.8	7.0	7.4
Lancaster	258.3	258.1	263.6	263.3	9.5	10.2	10.3	10.6	3.7	4.0	3.9	4.0
Philadelphia	2,643.6	2,627.1	2,677.9	2,660.7	147.7	146.3	152.1	153.2	5.6	5.6	5.7	5.8
Pittsburgh	1,212.8	1,185.0	1,228.8	1,204.8	63.4	66.2	64.8	69.6	5.2	5.6	5.3	5.8
Reading	192.4	187.5	194.1	189.7	12.8	12.0	12.5	12.4	6.6	6.4	6.4	6.5
Scranton-Wilkes-Barre-Hazleton	313.6	303.9	316.6	306.3	19.0	18.6	18.9	19.0	6.1	6.1	6.0	6.2
Sharon	59.5	58.1	59.9	58.8	3.0	3.1	2.8	3.1	5.0	5.4	4.7	5.3
State College	71.3	70.7	68.6	67.3	2.4	2.3	2.5	2.3	3.4	3.2	3.6	3.4
Williamsport	57.8	57.2	58.6	57.7	4.0	3.7	3.9	3.9	6.9	6.5	6.6	6.7
York	203.7	199.0	205.3	201.3	10.5	10.3	10.8	10.6	5.1	5.2	5.2	5.2
Rhode Island	546.9	565.2	557.4	576.6	25.0	28.9	25.1	31.4	4.6	5.1	4.5	5.5
Providence-Fall River-Warwick	621.8	637.7	630.6	647.8	29.9	34.2	30.8	37.2	4.8	5.4	4.9	5.7
South Carolina	1,982.7	2,045.6	2,010.2	2,074.1	115.2	126.5	121.1	140.9	5.8	6.2	6.0	6.8
Charleston-North Charleston	283.2	294.8	286.9	300.5	11.1	12.3	12.8	15.1	3.9	4.2	4.5	5.0
Columbia	284.6	291.8	286.4	293.5	10.1	11.4	10.6	12.2	3.6	3.9	3.7	4.2
Florence	63.9	67.8	64.9	69.0	4.2	5.1	4.5	5.6	6.6	7.5	6.9	8.1
Greenville-Spartanburg-Anderson	490.8	506.7	494.9	514.4	28.7	29.7	29.1	33.5	5.9	5.9	5.9	6.5
Myrtle Beach	108.8	109.0	113.8	108.9	4.2	4.6	4.0	4.6	3.8	4.2	3.5	4.2
Sumter	46.1	46.5	46.8	47.4	3.5	3.5	3.7	3.9	7.6	7.5	7.9	8.2
South Dakota	422.7	423.7	431.3	432.4	11.6	12.1	12.6	13.1	2.7	2.9	2.9	3.0
Rapid City	50.0	50.2	51.6	51.5	1.5	1.4	1.4	1.5	2.9	2.8	2.7	2.9
Sioux Falls	110.5	110.8	112.3	112.8	2.5	2.7	2.4	2.7	2.2	2.4	2.1	2.4
Tennessee	2,907.1	2,886.7	2,964.1	2,946.5	135.0	133.7	160.1	164.2	4.6	4.6	5.4	5.6
Chattanooga	236.5	235.5	239.3	238.1	8.9	7.7	10.5	9.4	3.8	3.3	4.4	4.0
Clarksville-Hopkinsville	92.2	92.2	93.9	94.3	4.4	4.2	5.0	4.7	4.7	4.5	5.3	5.0
Jackson	61.5	60.7	62.8	62.1	3.4	2.9	3.8	3.3	5.5	4.8	6.0	5.3
Johnson City-Kingsport-Bristol	231.5	230.8	232.2	233.1	12.6	11.1	14.1	14.0	5.5	4.8	6.1	6.0
Knoxville	375.5	374.8	388.3	385.7	11.5	11.4	13.4	13.5	3.1	3.0	3.5	3.5
Memphis	576.3	578.7	591.1	593.2	27.6	29.5	33.6	36.9	4.8	5.1	5.7	6.2
Nashville	690.7	688.6	704.9	703.4	25.6	24.4	31.4	29.7	3.7	3.5	4.5	4.2
Texas	10,703.0	10,985.9	10,897.9	11,169.8	656.5	716.2	784.3	835.7	6.1	6.5	7.2	7.5
Abilene	59.4	60.6	60.4	61.8	2.3	2.6	2.8	3.0	3.9	4.3	4.6	4.8
Amarillo	114.9	117.4	115.6	118.6	3.9	4.5	4.7	5.5	3.4	3.8	4.1	4.6
Austin-San Marcos	761.9	786.6	773.2	797.0	43.0	43.3	49.2	49.6	5.6	5.5	6.4	6.2
Beaumont-Port Arthur	178.9	184.8	183.5	190.4	15.4	16.3	17.7	20.4	8.6	8.8	9.6	10.7
Brazoria	111.2	115.3	112.7	117.6	8.0	10.6	9.8	12.1	7.2	9.2	8.7	10.3
Brownsville-Harlingen-San Benito	138.1	146.1	143.0	149.9	11.6	14.8	15.0	17.8	8.4	10.1	10.5	11.9
Bryan-College Station	81.3	84.5	77.7	81.0	1.5	1.8	1.8	2.4	1.8	2.2	2.3	2.9
Corpus Christi	177.7	185.6	182.0	189.1	10.7	12.1	13.5	14.5	6.0	6.5	7.4	7.7
Dallas	2,026.1	2,053.1	2,063.7	2,087.6	143.3	145.0	164.9	165.1	7.1	7.1	8.0	7.9
El Paso	288.1	300.6	295.0	306.5	23.8	27.7	28.8	32.3	8.3	9.2	9.8	10.5
Fort Worth-Arlington	955.6	978.8	971.8	991.6	57.1	61.4	66.1	70.2	6.0	6.3	6.8	7.1
Galveston-Texas City	122.7	125.0	127.0	128.2	8.8	10.1	11.2	11.8	7.2	8.0	8.8	9.2
Houston	2,266.9	2,324.1	2,307.3	2,367.6	130.2	156.9	156.9	181.0	5.7	6.7	6.8	7.6
Killeen-Temple	121.3	124.4	123.1	125.8	6.2	6.6	7.2	7.7	5.1	5.3	5.9	6.1
Laredo	79.7	82.9	82.0	84.5	5.7	6.0	7.3	7.2	7.1	7.2	8.9	8.5
Longview-Marshall	105.0	108.0	107.0	109.5	7.0	7.4	8.3	8.2	6.6	6.9	7.8	7.5
Lubbock	128.4	134.5	128.7	135.0	3.5	4.4	5.2	6.2	2.8	3.2	4.1	4.6
McAllen-Edinburg-Mission	217.6	226.7	222.4	231.6	25.0	26.2	31.7	32.8	11.5	11.6	14.3	14.2
Odessa-Midland	123.6	126.7	125.9	128.7	6.8	7.1	8.6	8.5	5.5	5.6	6.8	6.6
San Angelo	51.4	52.0	52.1	52.5	1.8	1.9	2.2	2.4	3.4	3.7	4.2	4.5
San Antonio	811.0	837.8	822.7	852.5	40.2	42.7	48.6	52.6	5.0	5.1	5.9	6.2
Sherman-Denison	51.3	52.9	52.1	53.1	3.5	3.8	4.1	4.2	6.8	7.1	7.8	7.8
Texarkana	57.6	58.9	59.0	59.8	3.0	3.0	3.4	3.4	5.2	5.1	5.8	5.6
Tyler	94.1	98.0	96.1	99.4	4.1	4.6	4.9	5.3	4.4	4.7	5.1	5.3
Victoria	45.2	46.1	46.2	46.6	2.3	2.4	2.9	2.7	5.1	5.1	6.3	5.7
Waco	103.3	106.2	104.6	108.0	4.8	5.1	5.8	6.2	4.7	4.8	5.6	5.7
Wichita Falls	65.4	65.8	66.5	67.3	3.0	3.0	4.2	3.7	4.5	4.5	6.3	5.6

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			
	May		June		May		June		May		June	
	2002	2003	2002	2003 ^P	2002	2003	2002	2003 ^P	2002	2003	2002	2003 ^P
Utah	1,171.3	1,203.6	1,191.0	1,222.3	72.5	64.6	78.4	71.7	6.2	5.4	6.6	5.9
Provo-Orem	178.6	183.3	181.4	185.3	10.9	8.0	11.6	8.9	6.1	4.4	6.4	4.8
Salt Lake City-Ogden	741.4	760.6	753.4	770.7	46.3	42.3	50.2	47.2	6.2	5.6	6.7	6.1
Vermont	345.0	348.9	353.1	356.9	11.7	12.8	11.8	13.2	3.4	3.7	3.4	3.7
Burlington	106.8	106.2	107.7	106.9	2.7	3.1	2.9	3.3	2.6	2.9	2.7	3.1
Virginia	3,744.0	3,800.2	3,793.5	3,851.6	157.3	148.9	166.1	162.7	4.2	3.9	4.4	4.2
Charlottesville	77.5	80.9	79.6	81.9	2.1	2.4	2.3	2.8	2.7	2.9	2.9	3.4
Danville	57.8	59.0	58.5	59.6	5.8	5.9	5.9	6.5	10.0	9.9	10.1	10.9
Lynchburg	106.7	106.1	107.0	106.0	6.2	5.1	6.8	5.7	5.8	4.8	6.4	5.4
Norfolk-Virginia Beach-Newport News	779.4	791.1	793.8	807.9	33.6	34.0	36.9	38.2	4.3	4.3	4.6	4.7
Richmond-Petersburg	541.5	548.0	547.3	556.0	21.6	22.0	23.7	24.6	4.0	4.0	4.3	4.4
Roanoke	131.1	131.2	131.9	132.1	4.6	4.5	4.8	4.9	3.5	3.4	3.6	3.7
Washington	3,086.8	3,101.5	3,119.6	3,123.5	223.7	224.2	224.2	236.3	7.2	7.2	7.2	7.6
Bellingham	84.3	89.0	84.4	87.8	5.2	5.2	5.0	5.4	6.2	5.8	6.0	6.2
Bremerton	99.9	101.0	100.4	100.8	6.0	6.4	6.2	6.7	6.0	6.4	6.2	6.7
Olympia	104.4	108.7	104.6	108.1	6.0	5.8	6.0	6.2	5.7	5.4	5.8	5.8
Richland-Kennewick-Pasco	100.7	103.4	105.9	109.9	6.1	7.0	6.6	7.9	6.1	6.8	6.2	7.2
Seattle-Bellevue-Everett	1,393.1	1,389.1	1,397.3	1,386.7	95.3	94.4	96.6	100.4	6.8	6.8	6.9	7.2
Spokane	214.2	213.5	213.3	211.4	13.6	13.7	13.7	14.1	6.4	6.4	6.4	6.7
Tacoma	343.3	348.0	345.3	348.4	26.3	26.5	26.7	28.4	7.7	7.6	7.7	8.1
Yakima	106.9	106.7	114.7	116.3	10.9	10.7	10.4	11.3	10.2	10.0	9.1	9.7
West Virginia	820.1	809.6	817.3	817.8	50.3	47.4	50.8	51.1	6.1	5.9	6.2	6.3
Charleston	133.6	131.8	133.6	134.0	7.1	6.2	6.9	6.6	5.3	4.7	5.1	4.9
Huntington-Ashland	135.4	137.7	136.8	140.1	8.4	8.3	8.8	9.4	6.2	6.0	6.4	6.7
Parkersburg-Marietta	77.6	77.3	78.1	79.0	4.2	4.7	4.6	5.3	5.4	6.0	5.8	6.7
Wheeling	74.6	72.3	74.4	73.0	4.1	3.4	4.2	3.6	5.6	4.7	5.6	4.9
Wisconsin	3,011.1	3,076.5	3,084.4	3,164.0	149.9	156.1	169.9	181.6	5.0	5.1	5.5	5.7
Appleton-Oshkosh-Neenah	232.5	239.9	237.6	247.3	10.9	11.3	11.9	12.7	4.7	4.7	5.0	5.1
Eau Claire	84.4	86.6	85.5	87.3	4.1	4.0	4.4	4.6	4.8	4.6	5.2	5.3
Green Bay	141.1	145.9	144.6	149.6	6.3	6.6	7.3	7.9	4.5	4.5	5.0	5.3
Janesville-Beloit	77.8	79.0	79.5	81.1	4.9	4.7	5.7	5.4	6.3	6.0	7.1	6.7
Kenosha	82.3	83.8	83.0	85.4	4.4	4.7	5.0	5.5	5.3	5.6	6.0	6.5
La Crosse	75.0	76.4	75.2	77.0	2.8	2.6	3.1	3.0	3.7	3.5	4.1	3.9
Madison	278.0	288.9	281.1	295.5	6.8	7.7	8.1	8.7	2.4	2.6	2.9	3.0
Milwaukee-Waukesha	813.9	817.1	835.2	841.4	46.0	47.3	53.7	55.4	5.7	5.8	6.4	6.6
Racine	92.0	95.1	94.9	97.9	6.4	7.1	7.2	8.1	7.0	7.5	7.5	8.3
Sheboygan	63.2	65.4	65.5	68.0	2.9	3.1	3.1	3.4	4.5	4.7	4.8	5.0
Wausau	75.5	77.1	76.9	79.1	3.2	3.1	3.5	3.5	4.2	4.0	4.6	4.5
Wyoming	269.3	274.4	275.7	282.1	10.9	10.7	10.3	10.8	4.0	3.9	3.7	3.8
Casper	35.1	35.8	35.1	36.7	1.6	1.6	1.5	1.6	4.6	4.4	4.2	4.4
Cheyenne	42.0	42.6	42.2	43.7	1.5	1.5	1.5	1.6	3.6	3.5	3.6	3.8
Puerto Rico	1,356.8	1,421.3	1,376.7	1,422.2	165.6	171.2	177.7	181.0	12.2	12.0	12.9	12.7
Aguadilla	49.4	51.9	49.6	51.7	8.7	8.4	9.1	8.7	17.5	16.1	18.3	16.9
Arecibo	56.8	60.9	57.1	60.2	8.4	9.0	8.8	9.3	14.8	14.8	15.3	15.4
Caguas	118.7	125.8	120.5	127.1	13.7	14.4	15.2	15.4	11.6	11.5	12.6	12.1
Mayaguez	88.4	92.6	89.8	91.8	12.9	13.3	13.3	13.6	14.6	14.4	14.8	14.9
Ponce	103.9	110.4	108.0	111.0	15.7	17.2	17.2	17.9	15.1	15.6	15.9	16.1
San Juan-Bayamon	765.5	799.2	775.5	800.7	73.7	77.8	79.7	83.4	9.6	9.7	10.3	10.4

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

² Area boundaries do not reflect official OMB definitions.

^P = preliminary.

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.

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 jobholders, 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; "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. 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	1330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	2333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to Dec. 1984	629	57,800	2,500	11,000
Jan. 1985 to Mar. 1988	729	57,000	2,500	11,000
Apr. 1988 to Mar. 1989	729	53,200	2,600	11,500
Apr. 1989 to Oct. 1994 ³	729	57,400	2,600	11,800
Nov. 1994 to Aug. 1995 ⁴	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 ⁵	754	55,500	4,500	12,000

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

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

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

⁴ 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.

⁵ 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.

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 Bailar, "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
Total		
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
Black or African American		
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
Hispanic or Latino ethnicity		
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					
	<i>a</i>	<i>b</i>	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
Total or white								
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
Black or African American								
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
Hispanic or Latino ethnicity								
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					
	<i>a</i>	<i>b</i>	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
Employment								
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
At work								
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
Unemployment								
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
Not in the labor force								
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.

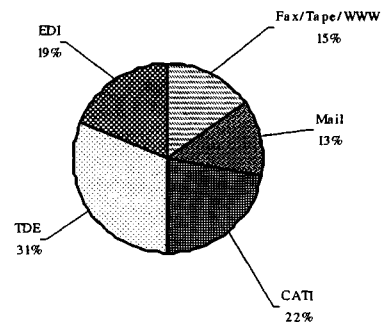
Industry employment

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:

$$PWRATIO_c = \left(\alpha \times PWRATIO_p \right) + \left(\beta \times \frac{\left(\sum_i w_i \times pw_{p,i} \right) - \left(\sum_j w_j \times pw_{p,j}^* \right)}{\left(\sum_i w_i \times ae_{p,i} \right) - \left(\sum_j w_j \times ae_{p,j}^{*(PW)} \right)} \right) + \left(\frac{\left(\sum_i w_i \times pw_{c,i} \right) - \left(\sum_j w_j \times pw_{c,j}^* \right)}{\left(\sum_i w_i \times ae_{c,i} \right) - \left(\sum_j w_j \times ae_{c,j}^{*(PW)} \right)} - \frac{\left(\sum_i w_i \times pw_{p,i} \right) - \left(\sum_j w_j \times pw_{p,j}^* \right)}{\left(\sum_i w_i \times ae_{p,i} \right) - \left(\sum_j w_j \times ae_{p,j}^{*(PW)} \right)} \right)$$

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:

$$\hat{AWH}_c = \alpha \times \hat{AWH}_p + \beta \times \left[\frac{\left(\frac{\left(\sum_i w_i \times wh_{p,i} \right) - \left(\sum_j w_j \times wh_{p,j}^* \right)}{\left(\sum_i w_i \times pw_{p,i} \right) - \left(\sum_j w_j \times pw_{p,j}^{*(WH)} \right)} \times \left(\hat{PW}_p - \sum_j pw_{p,j}^{*(WH)} \right) + \sum_j wh_{p,j}^* \right)}{\hat{PW}_p} \right] +$$

$$\left[\left(\frac{\left(\sum_i w_i \times wh_{c,i} \right) - \left(\sum_j w_j \times wh_{c,j}^* \right)}{\left(\sum_i w_i \times pw_{c,i} \right) - \left(\sum_j w_j \times pw_{c,j}^{*(WH)} \right)} \times \left(\hat{PW}_c - \sum_j pw_{c,j}^{*(WH)} \right) + \sum_j wh_{c,j}^* \right) \right] - \left[\left(\frac{\left(\sum_i w_i \times wh_{p,i} \right) - \left(\sum_j w_j \times wh_{p,j}^* \right)}{\left(\sum_i w_i \times pw_{p,i} \right) - \left(\sum_j w_j \times pw_{p,j}^{*(WH)} \right)} \times \left(\hat{PW}_p - \sum_j pw_{p,j}^{*(WH)} \right) + \sum_j wh_{p,j}^* \right) \right]$$

for all $i \in I$ and $j \in J$

Current-month estimate of average hourly earnings (AHE) is defined as:

$$\hat{AHE}_c = \alpha \times \hat{AHE}_p + \beta \times \left[\frac{\left(\frac{\left(\sum_i w_i \times pr_{p,i} \right) - \left(\sum_j w_j \times pr_{p,j}^* \right)}{\left(\sum_i w_i \times wh_{p,i} \right) - \left(\sum_j w_j \times wh_{p,j}^{*(PR)} \right)} \times \left(\hat{WH}_p - \sum_j wh_{p,j}^{*(PR)} \right) + \sum_j pr_{p,j}^* \right)}{\hat{WH}_p} \right] +$$

$$\left[\left(\frac{\left(\sum_i w_i \times pr_{c,i} \right) - \left(\sum_j w_j \times pr_{c,j}^* \right)}{\left(\sum_i w_i \times wh_{c,i} \right) - \left(\sum_j w_j \times wh_{c,j}^{*(PR)} \right)} \times \left(\hat{WH}_c - \sum_j wh_{c,j}^{*(PR)} \right) + \sum_j pr_{c,j}^* \right) \right] - \left[\left(\frac{\left(\sum_i w_i \times pr_{p,i} \right) - \left(\sum_j w_j \times pr_{p,j}^* \right)}{\left(\sum_i w_i \times wh_{p,i} \right) - \left(\sum_j w_j \times wh_{p,j}^{*(PR)} \right)} \times \left(\hat{WH}_p - \sum_j wh_{p,j}^{*(PR)} \right) + \sum_j pr_{p,j}^* \right) \right]$$

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 resources and mining	Construction	Manufacturing	Trade, transportation, and utilities	Information	Financial activities	Professional and business services	Education and health services	Leisure and hospitality	Other services	Total monthly amount contributed
2002:											
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
2003:											
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
Cumulative total	-3	64	-16	38	26	35	63	71	180	11	469

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) ¹	Number of establishments ¹	Employees	
				Number (thousands) ²	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	³ 19,476	³ 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

¹ 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.

² Average employment of reported values for 2002.

³ 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 ¹	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

¹ 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}_1 , \hat{L}_2 , and \hat{L}_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** ¹
(Percent)

Industry	Relative standard error		
	All employees	Average hourly earnings	Average weekly hours
Total nonfarm	0.2	(²)	(²)
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 ¹—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	(³)	(³)
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 ¹—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

¹ Estimates of variance are not available for government sectors due to lack of historical probability-based estimates.

² Hours and earnings estimates are not published.

³ 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 ¹

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	(²)	(²)	103,702	(²)	(²)	175,111	(²)	(²)
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 ¹—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	(³)	(³)	4,155	(³)	(³)	3,368	(³)	(³)
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 ¹—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

¹ Estimates of variance are not available for government sectors due to lack of historical probability-based estimates.

² Hours and earnings estimates are not published.

³ 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

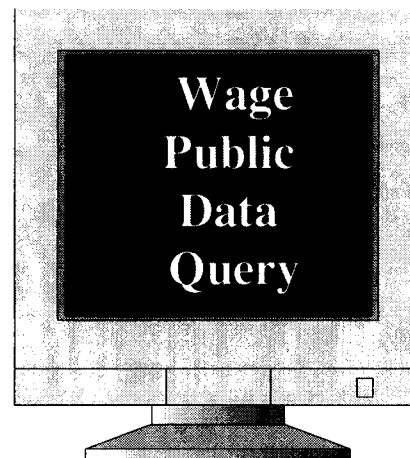
nonfarm data are seasonally adjusted directly at the aggregate level. The recomputation of seasonal factors and historical revisions are made coincident with the annual benchmark adjustments.

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.

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

Obtaining information from the Bureau of Labor Statistics

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

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, 1718, 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 rd 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 2961, Little Rock 72203-2961	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 th 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 th 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 th 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 th Floor, 390 North Robert S., 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)