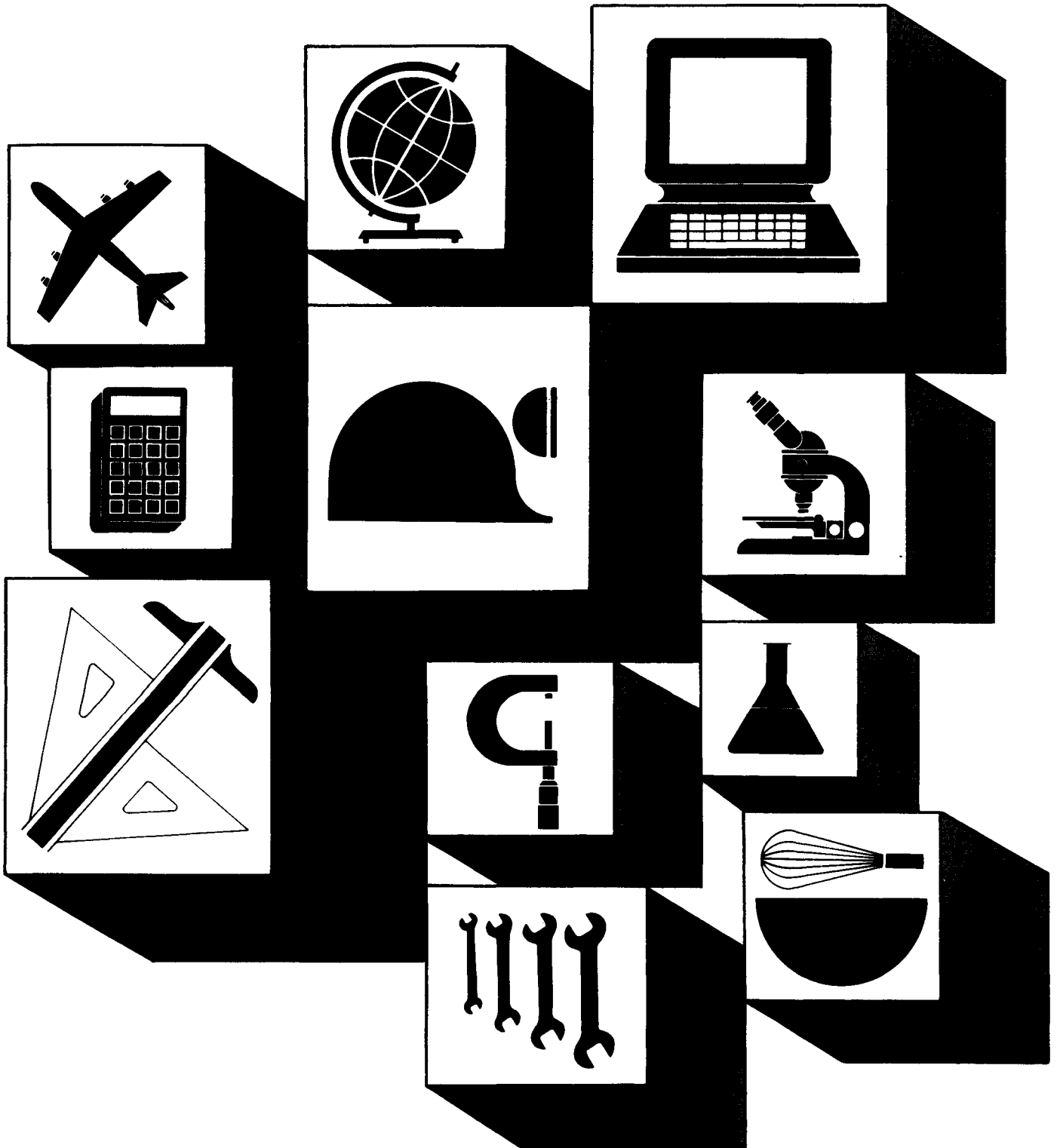




EMPLOYMENT AND EARNINGS

U.S. Department of Labor
Bureau of Labor Statistics
July 1991





U.S. DEPARTMENT OF LABOR

Lynn Martin, Secretary

Calendar of Features

BUREAU OF LABOR STATISTICS

Janet L. Norwood, *Commissioner*

Employment and Earnings is prepared in the Office of Employment and Unemployment Statistics in collaboration with the Office of Publications. The data are collected by the Bureau of the Census (Department of Commerce) and State employment security agencies, in cooperation with the Bureau of Labor Statistics. A brief description of the cooperative statistical programs of the BLS with these agencies is presented in the Explanatory Notes. The State agencies are listed on the inside back cover.

Employment and Earnings may be ordered through the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Subscription price per year \$29 domestic and \$36.25 foreign. Single copy \$9.50 domestic and \$11.88 foreign. Annual supplement \$17 domestic and \$21.25 foreign. Prices are subject to change by the U.S. Government Printing Office.

Correspondence concerning subscriptions, including address changes and missing issues, should be sent to the Superintendent of Documents. Phone (202) 275-3054.

Communications on material in this publication should be addressed to: Editors, *Employment and Earnings*, Bureau of Labor Statistics, Washington, DC 20212. Specific questions concerning the data in this publication should be directed as follows: Household data, (202) 523-1944 or 1371; national establishment data, 523-1172; State and area establishment data, 523-1227; productivity data, 523-9261; and State and area labor force data, 523-1002.

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

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

ISSN 0013-6840

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

Household data

Annual averages	Jan.
Union affiliation	Jan.
Earnings by detailed occupation	Jan.
Employee absences	Jan.
Revised seasonally adjusted series	Jan., Feb.

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

Establishment data

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

State and area labor force data

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

¹ A supplement is forthcoming.

Employment and Earnings

Vol. 38 No. 7 July 1991

Editors: Gloria Peterson Green, Eugene H. Becker

Contents

	<i>Page</i>
List of statistical tables	2
Employment and unemployment developments, June 1991	5
New seasonal adjustment factors for household data series	7
 Statistical tables:	
Historical—	
Household data	8
Establishment data:	
Employment	81
Hours and earnings	117
 Not seasonally adjusted—	
Household data	11
Quarterly averages	58
Establishment data:	
Employment:	
National	82
State and area	98
Hours and earnings:	
National	120
State and area	144
State and area labor force data	152
 Seasonally adjusted—	
Household data	38
Quarterly averages	47
Establishment data:	
Employment	94
Hours and earnings	141
Productivity data	149
 Explanatory notes	 157

Monthly Household Data

Page

Employment Status

A- 1.	Employment status of the noninstitutional population 16 years and over, 1958 to date	8
A- 2.	Employment status of the noninstitutional population 16 years and over by sex, 1980 to date	9
A- 3.	Employment status of the civilian noninstitutional population 16 years and over, 1958 to date	10
A- 4.	Employment status of the civilian noninstitutional population by age, sex, and race	11
A- 5.	Employment status of the black-and-other civilian noninstitutional population by age and sex	14
A- 6.	Employment status of the civilian noninstitutional population by race, sex, and age	15
A- 7.	Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, years of school completed, sex, race, and Hispanic origin	16
A- 8.	Employment status of male Vietnam-era veterans and nonveterans by age	18
A- 9.	Employed and unemployed full- and part-time workers by sex, age., and race	19
A-10.	Employment status of persons in families by family relationship	20

Characteristics of the Unemployed

A-11.	Unemployed persons by marital status, race, age, and sex	21
A-12.	Unemployed persons by occupation and sex	22
A-13.	Unemployed persons by industry and sex	23
A-14.	Unemployed persons by reason for unemployment, sex, and race	24
A-15.	Unemployed persons by reason for unemployment, sex, age, and duration of unemployment	25
A-16.	Unemployed persons by duration of unemployment	25
A-17.	Unemployed persons by sex, age, race, marital status, and duration of unemployment	26
A-18.	Unemployed persons by occupation, industry, and duration of unemployment	27
A-19.	Unemployed jobseekers by sex, age, race, and jobsearch methods used	28
A-20.	Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used	28

Characteristics of the Employed

A-21.	Employed civilians in agriculture and nonagricultural industries by age and sex	29
A-22.	Employed civilians by occupation, sex, and age	30
A-23.	Employed civilians by occupation, race, and sex	31
A-24.	Employed civilians by age, sex, and class of worker	32
A-25.	Employed civilians by industry and occupation	33
A-26.	Employed civilians with a job but not at work by reason, sex, and pay status	33
A-27.	Persons at work by hours of work and type of industry	34
A-28.	Persons at work 1 to 34 hours by reason for working less than 35 hours, type of industry, and usual status	34
A-29.	Persons at work in nonagricultural industries by class of worker and full- or part-time status	35
A-30.	Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status	36
A-31.	Persons at work in nonfarm occupations by sex and full- or part-time status	37

Seasonally Adjusted Employment and Unemployment Data

A-32.	Employment status of the noninstitutional population, including Armed Forces stationed in the United States, by sex, seasonally adjusted	38
A-33.	Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted	39
A-34.	Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted	40
A-35.	Employed civilians by selected social and economic categories, seasonally adjusted	42
A-36.	Employed civilians by sex and age, seasonally adjusted	43
A-37.	Unemployed persons by sex and age, seasonally adjusted	43
A-38.	Unemployment rates by sex and age, seasonally adjusted	44
A-39.	Selected unemployment indicators, seasonally adjusted	45
A-40.	Unemployed persons by duration of unemployment, seasonally adjusted	46
A-41.	Unemployed persons by reason for unemployment, seasonally adjusted	46

Quarterly Household Data

	<i>Page</i>
Seasonally Adjusted Employment and Unemployment Data	
A-42. Employment status of the noninstitutional population, including Armed Forces stationed in the United States, by sex, seasonally adjusted	47
A-43. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted	48
A-44. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted	49
A-45. Employed and unemployed full- and part-time workers by sex and age, seasonally adjusted	51
A-46. Employed civilians by selected social and economic categories, seasonally adjusted	52
A-47. Employed civilians by sex and age, seasonally adjusted	53
A-48. Unemployed persons by sex and age, seasonally adjusted	53
A-49. Unemployment rates by sex and age, seasonally adjusted	54
A-50. Selected unemployment indicators, seasonally adjusted	55
A-51. Unemployed persons by duration of unemployment, seasonally adjusted	56
A-52. Unemployed persons by reason for unemployment, seasonally adjusted	56
Persons Not in the Labor Force	
A-53. Persons not in the labor force by reason, sex, and race, seasonally adjusted	57
A-54. Persons not in the labor force by reason, sex, and age	58
A-55. Persons not in the labor force by reason, race, Hispanic origin, age, and sex	59
A-56. Persons not in the labor force who desire work but think they cannot get jobs by reason, sex, age, race, and Hispanic origin	60
A-57. Work-seeking intentions of persons not in the labor force and work history of those who intend to seek work within the next 12 months by sex, age, and race	61
Race and Hispanic-Origin Data	
A-58. Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin	62
A-59. Employment status of civilians of Mexican, Puerto Rican, and Cuban origin by sex and age	63
A-60. Employed civilians by selected social and economic categories, race, and Hispanic origin	64
A-61. Employed civilians of Mexican, Puerto Rican, and Cuban origin by selected social and economic categories	65
A-62. Employed civilians by sex, age, race, and Hispanic origin	66
A-63. Unemployment rates by sex, age, race, and Hispanic origin	66
A-64. Unemployed persons by duration of unemployment, race, and Hispanic origin	67
A-65. Unemployed persons by reason for unemployment, race, and Hispanic origin	67
Vietnam-era Veterans and Nonveterans Data	
A-66. Employment status of male Vietnam-era veterans and nonveterans by age	68
A-67. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin	68
Family Relationship and Weekly Earnings Data	
A-68. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members	69
A-69. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members	70
A-70. Employed civilians by family relationship, race, Hispanic origin, and presence of employed family members	71
A-71. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin	72
A-72. Families with unemployed members and wage and salary workers by type of family and median weekly earnings	73
A-73. Median weekly earnings of full-time wage and salary workers by selected characteristics	74
A-74. Median weekly earnings of part-time wage and salary workers by selected characteristics	75
A-75. Median weekly earnings of full-time wage and salary workers by occupation and sex	76
Metropolitan-nonmetropolitan and Poverty-nonpoverty Area Data	
A-76. Employment status of the civilian noninstitutional population in metropolitan, nonmetropolitan, urban, and rural areas by sex, age, race, and Hispanic origin	77
A-77. Employment status of the civilian noninstitutional population in poverty and nonpoverty areas by race and Hispanic origin	79

Monthly Establishment Data

	<i>Page</i>
Employment—National	
B- 1. Employees on nonfarm payrolls by major industry, 1940 to date	81
B- 2. Employees on nonfarm payrolls by detailed industry	82
B- 3. Women employees on nonfarm payrolls by major industry and manufacturing group	93
B- 4. Employees on nonfarm payrolls by major industry and manufacturing group, seasonally adjusted	94
B- 5. Women employees on nonfarm payrolls by major industry and manufacturing group, seasonally adjusted	95
B- 6. Production or nonsupervisory workers on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted	96
B- 7. Diffusion indexes of employment change, seasonally adjusted	97
Employment—States and Areas	
B- 8. Employees on nonfarm payrolls in States and selected areas by major industry	98
Hours and Earnings—National	
C- 1. Average hours and earnings of production or nonsupervisory workers on private nonfarm payrolls by major industry, 1964 to date	117
C- 2. Average hours and earnings of production or nonsupervisory workers on private nonfarm payrolls by detailed industry	120
C- 2a. Average hourly earnings in aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing	138
C- 3. Average hourly earnings, excluding overtime, of production workers on manufacturing payrolls	139
C- 4. Average hourly and weekly earnings of production or nonsupervisory workers on private nonfarm payrolls by major industry, in current and constant (1982) dollars	140
C- 5. Average weekly hours of production or nonsupervisory workers on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted	141
C- 6. Indexes of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted	142
C- 7. Average hourly and weekly earnings of production or nonsupervisory workers on private nonfarm payrolls, seasonally adjusted	143
Hours and Earnings—States and Areas	
C- 8. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas	144

Productivity Data

C- 9. Hours of wage and salary workers in nonagricultural establishments by major industry, seasonally adjusted	149
C-10. Indexes of productivity, hourly compensation, unit costs, and prices, seasonally adjusted	150
C-11. Percent changes from the preceding quarter and year in productivity, hourly compensation, unit costs, and prices, seasonally adjusted annual rates	151

Monthly State and Area Labor Force Data

D- 1. Labor force status by State and selected metropolitan areas	152
---	-----

Employment and Unemployment Developments, June 1991

The nation's employment situation was little changed in June. The unemployment rate was 7.0 percent, little different from the May level of 6.9 percent. Nonfarm payroll employment was essentially unchanged over the month. Although manufacturing experienced job declines, the factory workweek showed a strong increase for the second straight month.

Unemployment

The number of unemployed persons totaled 8.7 million in June, and the unemployment rate was 7.0 percent; both were little changed from May levels. Since the start of the recession last July, the number of unemployed workers has risen by nearly 2 million and the jobless rate has increased by 1.5 percentage points. The pace of these increases has slowed markedly in recent months. (See table A-33.)

Jobless rates for all major worker groups were essentially the same as in May. June rates were 6.6 percent for adult men, 5.9 percent for adult women, 19.2 percent for teenagers, 6.2 percent for whites, 13.1 percent for blacks, and 9.8 percent for Hispanics. Whereas overall unemployment increases have been modest since March, unemployment rates of black adults have continued to rise. (See tables A-33 and A-34.)

The number of unemployed persons who had lost their last jobs, at 4.9 million, has risen by 1.7 million since last July. Job losers now comprise 55 percent of the total unemployed, up from 47 percent in July. Long-term unemployment (15 weeks and over) rose by 340,000 in June and, as a percent of the total unemployed, has risen 7 percentage points over the past year to 29 percent. The over-the-month increase in long-term unemployment was countered by a decline in the number of newly unemployed—those jobless for less than 5 weeks. (See tables A-40 and A-41.)

Total employment and the labor force

Total employment edged up to 116.9 million in June, following a very large loss in May. The June figure was about the same as in the beginning of the year, after exhibiting erratic movements in the interim. The percentage of

the working-age population that is employed (the employment-population ratio) was 61.6 percent in June and has not changed appreciably thus far in 1991. (See table A-33.)

The civilian labor force rose by 400,000 over the month to 125.6 million. The underlying trend has been one of very modest growth; over the past year, the labor force rose by 750,000, an increase of only 0.6 percent. The labor force participation rate, at 66.2 percent, was down 0.2 percentage point from a year earlier. (See table A-33.)

Discouraged workers

The number of discouraged workers—those who would like to have a job but are not looking for one because they think their search would be in vain—averaged 980,000, seasonally adjusted, in the April-June quarter. This was about unchanged from the previous quarter and only about 100,000 higher than a year earlier. In the 1981-82 recession, the number of such workers had exhibited a much greater rise. (See table A-53.)

Industry payroll employment

Nonfarm payroll employment was essentially unchanged in June, following a modest increase in May. The pattern over the past 2 months has thus been in sharp contrast to the January-April period, when the number of payroll jobs had declined by an average of 220,000 a month. (See table B-4.)

Manufacturing jobs decreased by 60,000 in June, after increasing slightly in May. Most of this decline was in durable goods manufacturing, especially transportation equipment, electronic equipment, industrial machinery, and instruments. In nondurable goods manufacturing, printing and publishing showed the only large job decline.

Employment in construction was about unchanged in June at 4.7 million, following some improvement in May. Mining employment continued its moderate slide; about 15,000 jobs have been lost during the past year, largely in the coal industry.

In the service-producing sector, employment in the services industry rose for the second month in a row, following 3 months of little change. The June increase was led by a 40,000 gain in health services and continued growth in business services. In contrast, after holding

steady in May, employment in wholesale trade fell by about 15,000 in June, resuming its 2-year downtrend. Employment in retail trade and other industries in the service-producing sector was little changed in June.

Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls increased by 0.2 hour in June to 34.5 hours, seasonally adjusted. The workweek in manufacturing rose by a very robust 0.4 hour over the month to 40.8 hours, and factory overtime increased by 0.3 hour to 3.7 hours. All of these gains followed increases in the prior month. (See table C-5.)

As a result of the workweek increases, the index of aggregate weekly hours of private production or nonsuper-

visory workers rose by 0.5 percent to 121.7 (1982 = 100) in June, seasonally adjusted. The index for manufacturing increased by 0.9 percent to 102.0. (See table C-6.)

Hourly and weekly earnings

Average hourly earnings of private production or non-supervisory workers increased by 0.6 percent in June to \$10.38, seasonally adjusted. This followed increases of 0.4 percent in each of the prior 2 months. Average weekly earnings increased by 1.2 percent in June to \$358.11. Prior to seasonal adjustment, average hourly earnings edged up by 2 cents and average weekly earnings were up by \$5.85. Over the year, average hourly earnings increased by 3.6 percent and average weekly earnings by 3.3 percent. (See tables C-1 and C-7.)

Scheduled Release Dates			
Employment and unemployment data are scheduled for initial release on the following dates:			
<i>Reference month</i>	<i>Release date</i>	<i>Reference month</i>	<i>Release date</i>
July	August 2	October	November 1
August	September 6	November	December 6
September	October 4	December	January 10

New Seasonal Adjustment Factors for Household Data Series

Robert J. McIntire

Semiannually, the Bureau of Labor Statistics publishes the factors to be used during the following 6 months for seasonal adjustment of the major labor force series. Table 1 presents these seasonal adjustment factors for the 12 major labor force components for July-December 1991. The factors which were used for these components during the first 6 months of 1991 were published in the January 1991 issue of *Employment and Earnings*. The 12 seasonally adjusted series which result from the application of these factors are used in the computation of the seasonally adjusted figures for the national unemployment level and for the overall and civilian employment and labor force levels and unemployment rates. The overall measures include the resident Armed Forces in the employed segment of the labor force, but seasonal factors are not calculated for the resident Armed Forces data since they are considered to have no seasonal component.

Robert J. McIntire is an economist and Chief of the Data Development Staff, Office of Employment and Unemployment Statistics, Bureau of Labor Statistics.

The new seasonal factors have been extrapolated using the X-11 ARIMA program with data through June 1991 for each series. The ARIMA models used were the same as those used at the beginning of the year for the extrapolation of the factors for January through June; they were identified in the January issue of this publication. The historical seasonally adjusted data, including the first 6 months of 1991, will not be revised until the beginning of 1992. More detailed information on the adjustment method, the procedures for aggregation, and the revision of historical data is included in the January 1991 issue in the article entitled "Revision of Seasonally Adjusted Labor Force Series."

Data for any of the several hundred seasonally adjusted labor force series and the July-December 1991 factors for any of the other independently adjusted series (there are about 200 in addition to the 12 major components) may be obtained from BLS upon request. Requests for data or inquiries concerning the seasonal adjustment methodology or the availability of machine-readable files of labor force data should be addressed to the Data Development Staff, Bureau of Labor Statistics, Washington, DC 20212.

Table 1. Current seasonal adjustment factors for the 12 major civilian labor force components, July-December 1991

Procedure and series	July	Aug.	Sept.	Oct.	Nov.	Dec.
Multiplicative adjustment (Divide factor into original value)						
Agricultural employment:						
Men, 20 years and over	1.097	1.077	1.040	1.038	.981	.928
Women, 20 years and over	1.151	1.063	1.053	1.062	.969	.893
Men, 16 to 19 years	1.700	1.477	.946	.958	.738	.660
Women, 16 to 19 years	1.702	1.349	.855	.780	.781	.719
Nonagricultural employment:						
Men, 20 years and over	1.009	1.008	1.008	1.005	1.002	1.000
Women, 20 years and over .....	.990	.990	1.001	1.009	1.012	1.008
Unemployment:						
Men, 20 years and over .....	.920	.894	.879	.881	.976	1.008
Women, 20 years and over	1.061	1.074	1.063	.996	.976	.922
Additive adjustment (Subtract factor from original value)						
Nonagricultural employment:						
Men, 16 to 19 years	836	619	-205	-157	-114	-139
Women, 16 to 19 years	677	517	-146	-111	-127	-55
Unemployment:						
Men, 16 to 19 years	101	-33	-48	-23	-4	-44
Women, 16 to 19 years	138	4	7	-36	-36	-103

**HOUSEHOLD DATA
HISTORICAL**

A-1. Employment status of the noninstitutional population 16 years and over, 1958 to date

(Numbers in thousands)

Year and month	Noninstitutional population	Labor force									Not in labor force	
		Number	Percent of population	Employed						Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force		
						Total	Agriculture	Nonagricultural industries				
Annual averages												
1958	115,574	69,486	60.1	64,883	1,847	63,036	5,586	57,450	4,602	6.6	46,088	
1959	117,117	70,157	59.9	66,418	1,788	64,630	5,565	59,065	3,740	5.3	46,960	
1960'	119,106	71,489	60.0	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617	
1961	120,671	72,359	60.0	67,646	1,900	65,746	5,200	60,546	4,714	6.5	48,312	
1962'	122,214	72,675	59.5	68,763	2,061	66,702	4,944	61,759	3,911	5.4	49,539	
1963	124,422	73,839	59.3	69,768	2,006	67,762	4,687	63,076	4,070	5.5	50,583	
1964	126,503	75,109	59.4	71,323	2,018	69,305	4,523	64,782	3,786	5.0	51,394	
1965	128,459	76,401	59.5	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058	
1966	130,180	77,892	59.8	75,017	2,122	72,895	3,979	68,915	2,875	3.7	52,288	
1967	132,092	79,565	60.2	76,590	2,218	74,372	3,844	70,527	2,975	3.7	52,527	
1968	134,281	80,990	60.3	78,173	2,253	75,920	3,817	72,103	2,817	3.5	53,291	
1969	136,573	82,972	60.8	80,140	2,238	77,902	3,606	74,296	2,832	3.4	53,602	
1970	139,203	84,889	61.0	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315	
1971	142,189	86,355	60.7	81,340	1,973	79,367	3,394	75,972	5,016	5.8	55,834	
1972'	145,939	88,847	60.9	83,966	1,813	82,153	3,484	78,669	4,882	5.5	57,091	
1973	148,870	91,203	61.3	86,838	1,774	85,064	3,470	81,594	4,365	4.8	57,667	
1974	151,841	93,670	61.7	88,515	1,721	86,794	3,515	83,279	5,156	5.5	58,171	
1975	154,831	95,453	61.6	87,524	1,678	85,846	3,408	82,438	7,929	8.3	59,377	
1976	157,818	97,826	62.0	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991	
1977	160,689	100,665	62.6	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025	
1978'	163,541	103,882	63.5	97,679	1,631	96,048	3,387	92,661	6,202	6.0	59,659	
1979	166,460	106,559	64.0	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900	
1980	169,349	108,544	64.1	100,907	1,604	99,303	3,364	95,938	7,637	7.0	60,806	
1981	171,775	110,315	64.2	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,460	
1982	173,939	111,872	64.3	101,194	1,668	99,526	3,401	96,125	10,878	9.5	62,067	
1983	175,891	113,226	64.4	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665	
1984	178,080	115,241	64.7	106,702	1,697	105,005	3,321	101,685	8,539	7.4	62,839	
1985	179,912	117,167	65.1	108,856	1,706	107,150	3,179	103,971	8,312	7.1	62,744	
1986'	182,293	119,540	65.6	111,303	1,706	109,597	3,163	106,434	8,237	6.9	62,752	
1987	184,490	121,602	65.9	114,177	1,737	112,440	3,208	109,232	7,425	6.1	62,888	
1988	186,322	123,378	66.2	116,677	1,709	114,968	3,169	111,800	6,701	5.4	62,944	
1989	188,081	125,557	66.8	119,030	1,688	117,342	3,199	114,142	6,528	5.2	62,523	
1990	189,686	126,424	66.6	119,550	1,637	117,914	3,186	114,728	6,874	5.4	63,262	
Monthly data, seasonally adjusted												
1990:												
June	189,607	126,427	66.7	119,867	1,630	118,237	3,279	114,958	6,560	5.2	63,180	
July	189,763	126,336	66.6	119,509	1,627	117,882	3,108	114,774	6,827	5.4	63,427	
August	189,901	126,345	66.5	119,330	1,640	117,690	3,152	114,538	7,015	5.6	63,556	
September	190,002	126,571	66.6	119,484	1,601	117,883	3,194	114,689	7,087	5.6	63,431	
October	190,095	126,445	66.5	119,303	1,570	117,733	3,175	114,558	7,142	5.6	63,650	
November	190,312	126,338	66.4	119,001	1,615	117,386	3,185	114,201	7,337	5.8	63,974	
December	190,483	126,791	66.6	119,191	1,617	117,574	3,253	114,321	7,600	6.0	63,692	
1991:												
January	190,592	126,253	66.2	118,537	1,615	116,922	3,163	113,759	7,715	6.1	64,339	
February	190,717	126,678	66.4	118,520	1,602	116,918	3,222	113,696	8,158	6.4	64,039	
March	190,703	126,786	66.5	118,214	1,460	116,754	3,098	113,656	8,572	6.8	63,917	
April	190,836	127,128	66.6	118,854	1,456	117,398	3,156	114,243	8,274	6.5	63,708	
May	190,980	126,690	66.3	118,049	1,458	116,591	3,272	113,319	8,640	6.8	64,291	
June	191,173	127,134	66.5	118,389	1,505	116,884	3,308	113,576	8,745	6.9	64,039	

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

The population and Armed Forces figures are not adjusted for

seasonal variation.

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

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1980 to date

(Numbers in thousands)

Sex, year, and month	Noninstitutional population	Labor force									Not in labor force
		Number	Percent of population	Employed					Unemployed		
				Total	Resident Armed Forces	Civilian			Number	Percent of labor force	
						Total	Agriculture	Nonagricultural industries			
Annual averages											
MEN											
1980	80,877	62,932	77.8	58,665	1,479	57,186	2,709	54,477	4,267	6.8	17,945
1981	82,023	63,486	77.4	58,909	1,512	57,397	2,700	54,697	4,577	7.2	18,537
1982	83,052	63,979	77.0	57,800	1,529	56,271	2,736	53,534	6,179	9.7	19,073
1983	84,064	64,580	76.8	58,320	1,533	56,787	2,704	54,083	6,260	9.7	19,484
1984	85,156	65,386	76.8	60,642	1,551	59,091	2,668	56,423	4,744	7.3	19,771
1985	86,025	65,967	76.7	61,447	1,556	59,891	2,535	57,356	4,521	6.9	20,058
1986	87,349	66,973	76.7	62,443	1,551	60,892	2,511	58,381	4,530	6.8	20,376
1987	88,476	67,784	76.6	63,684	1,577	62,107	2,543	59,564	4,101	6.1	20,692
1988	89,404	68,474	76.6	64,820	1,547	63,273	2,493	60,780	3,655	5.3	20,930
1989	90,283	69,360	76.8	65,835	1,520	64,315	2,513	61,802	3,525	5.1	20,923
1990	91,122	69,705	76.5	65,906	1,472	64,435	2,507	61,928	3,799	5.4	21,417
Monthly data, seasonally adjusted¹											
1990:											
June	91,087	69,609	76.4	65,964	1,465	64,499	2,571	61,928	3,645	5.2	21,478
July	91,168	69,523	76.3	65,728	1,462	64,266	2,478	61,788	3,795	5.5	21,645
August	91,240	69,552	76.2	65,663	1,475	64,188	2,477	61,711	3,889	5.6	21,688
September	91,271	69,814	76.5	65,853	1,441	64,412	2,512	61,900	3,961	5.7	21,457
October	91,299	69,804	76.5	65,822	1,414	64,408	2,504	61,904	3,982	5.7	21,495
November	91,440	69,899	76.4	65,790	1,453	64,337	2,518	61,819	4,109	5.9	21,541
December	91,537	70,058	76.5	65,781	1,454	64,327	2,572	61,755	4,277	6.1	21,479
1991:											
January	91,590	69,543	75.9	65,251	1,453	63,798	2,466	61,331	4,292	6.2	22,047
February	91,650	69,749	76.1	65,043	1,439	63,604	2,520	61,084	4,706	6.7	21,901
March	91,587	69,808	76.2	64,846	1,314	63,532	2,456	61,076	4,962	7.1	21,779
April	91,652	69,855	76.2	65,112	1,310	63,802	2,504	61,298	4,743	6.8	21,797
May	91,720	69,704	76.0	64,746	1,303	63,443	2,596	60,847	4,957	7.1	22,017
June	91,839	69,793	76.0	64,750	1,345	63,405	2,640	60,765	5,043	7.2	22,046
Annual averages											
WOMEN											
1980	88,472	45,611	51.6	42,241	124	42,117	656	41,461	3,370	7.4	42,861
1981	89,751	46,829	52.2	43,133	133	43,000	667	42,333	3,696	7.9	42,922
1982	90,887	47,894	52.7	43,395	139	43,256	665	42,591	4,499	9.4	42,993
1983	91,827	48,646	53.0	44,190	143	44,047	680	43,367	4,457	9.2	43,181
1984	92,924	49,855	53.7	46,061	146	45,915	653	45,262	3,794	7.6	43,068
1985	93,886	51,200	54.5	47,409	150	47,259	644	46,615	3,791	7.4	42,686
1986 ¹	94,944	52,568	55.4	48,861	155	48,706	652	48,054	3,707	7.1	42,376
1987	96,013	53,818	56.1	50,494	160	50,334	666	49,668	3,324	6.2	42,195
1988	96,918	54,904	56.6	51,858	162	51,696	676	51,020	3,046	5.5	42,014
1989	97,798	56,198	57.5	53,195	168	53,027	687	52,341	3,003	5.3	41,601
1990	98,564	56,719	57.5	53,644	165	53,479	679	52,800	3,075	5.4	41,845
Monthly data, seasonally adjusted²											
1990:											
June	98,520	56,818	57.7	53,903	165	53,738	708	53,030	2,915	5.1	41,702
July	98,595	56,813	57.6	53,781	165	53,616	630	52,986	3,032	5.3	41,782
August	98,661	56,793	57.6	53,667	165	53,502	675	52,827	3,126	5.5	41,868
September	98,731	56,757	57.5	53,631	160	53,471	682	52,789	3,126	5.5	41,974
October	98,796	56,641	57.3	53,481	156	53,325	671	52,654	3,160	5.6	42,155
November	98,872	56,439	57.1	53,211	162	53,049	667	52,382	3,228	5.7	42,433
December	98,946	56,733	57.3	53,410	163	53,247	681	52,566	3,323	5.9	42,213
1991:											
January	99,002	56,710	57.3	53,287	162	53,125	697	52,428	3,423	6.0	42,292
February	99,067	56,929	57.5	53,477	163	53,314	703	52,611	3,452	6.1	42,138
March	99,116	56,978	57.5	53,368	146	53,222	642	52,580	3,610	6.3	42,138
April	99,184	57,273	57.7	53,742	146	53,596	651	52,945	3,531	6.2	41,911
May	99,260	56,986	57.4	53,303	155	53,148	676	52,473	3,683	6.5	42,274
June	99,334	57,341	57.7	53,639	160	53,479	668	52,811	3,702	6.5	41,993

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

² The population and Armed Forces figures are not adjusted for seasonal variation.

**HOUSEHOLD DATA
HISTORICAL**

A-3. Employment status of the civilian noninstitutional population 16 years and over, 1958 to date

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force				Unemployment rates		
		Total	Percent of population	Employed	Unemployed	Total	Men	Women
Annual averages								
1958	113,727	67,639	59.5	63,036	4,602	6.8	6.8	6.8
1959	115,329	68,369	59.3	64,630	3,740	5.5	5.2	5.9
1960	117,245	69,628	59.4	65,778	3,852	5.5	5.4	5.9
1961	118,771	70,459	59.3	65,746	4,714	6.7	6.4	7.2
1962	120,153	70,614	58.8	66,702	3,911	5.5	5.2	6.2
1963	122,416	71,833	58.7	67,762	4,070	5.7	5.2	6.5
1964	124,485	73,091	58.7	69,305	3,786	5.2	4.6	6.2
1965	126,513	74,455	58.9	71,088	3,366	4.5	4.0	5.5
1966	128,058	75,770	59.2	72,895	2,875	3.8	3.2	4.8
1967	129,874	77,347	59.6	74,372	2,975	3.8	3.1	5.2
1968	132,028	78,737	59.6	75,920	2,817	3.6	2.9	4.8
1969	134,335	80,734	60.1	77,902	2,832	3.5	2.8	4.7
1970	137,085	82,771	60.4	78,678	4,093	4.9	4.4	5.9
1971	140,216	84,382	60.2	79,367	5,016	5.9	5.3	6.9
1972	144,126	87,034	60.4	82,153	4,882	5.6	5.0	6.6
1973 ¹	147,096	89,429	60.8	85,064	4,365	4.9	4.2	6.0
1974	150,120	91,949	61.3	86,794	5,156	5.6	4.9	6.7
1975	153,153	93,775	61.2	85,846	7,929	8.5	7.9	9.3
1976	156,150	96,158	61.6	88,752	7,406	7.7	7.1	8.6
1977	159,033	99,009	62.3	92,017	6,991	7.1	6.3	8.2
1978	161,910	102,251	63.2	96,048	6,202	6.1	5.3	7.2
1979	164,863	104,962	63.7	98,824	6,137	5.8	5.1	6.8
1980	167,745	106,940	63.8	99,303	7,637	7.1	6.9	7.4
1981	170,130	108,670	63.9	100,397	8,273	7.6	7.4	7.9
1982	172,271	110,204	64.0	99,526	10,678	9.7	9.9	9.4
1983	174,215	111,550	64.0	100,834	10,717	9.6	9.9	9.2
1984	176,383	113,544	64.4	105,005	8,539	7.5	7.4	7.6
1985	178,206	115,461	64.8	107,150	8,312	7.2	7.0	7.4
1986 ²	180,587	117,834	65.3	109,597	8,237	7.0	6.9	7.1
1987	182,753	119,865	65.6	112,440	7,425	6.2	6.2	6.2
1988	184,613	121,669	65.9	114,968	6,701	5.5	5.5	5.6
1989	186,393	123,869	66.5	117,342	6,528	5.3	5.2	5.4
1990	188,049	124,787	66.4	117,914	6,874	5.5	5.6	5.4
Monthly data, seasonally adjusted³								
1990:								
June	187,977	124,797	66.4	118,237	6,560	5.3	5.3	5.1
July	188,136	124,709	66.3	117,882	6,827	5.5	5.6	5.4
August	188,261	124,705	66.2	117,690	7,015	5.6	5.7	5.5
September	188,401	124,970	66.3	117,883	7,087	5.7	5.8	5.5
October	188,525	124,875	66.2	117,733	7,142	5.7	5.8	5.6
November	188,697	124,723	66.1	117,386	7,337	5.9	6.0	5.7
December	188,866	125,174	66.3	117,574	7,600	6.1	6.2	5.9
1991:								
January	188,977	124,638	66.0	116,922	7,715	6.2	6.3	6.1
February	189,115	125,076	66.1	116,918	8,158	6.5	6.9	6.1
March	189,243	125,326	66.2	116,754	8,572	6.8	7.2	6.4
April	189,380	125,672	66.4	117,398	8,274	6.6	6.9	6.2
May	189,522	125,232	66.1	116,591	8,640	6.9	7.2	6.5
June	189,668	125,629	66.2	116,884	8,745	7.0	7.4	6.5

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

Explanatory Notes.

² The population figures are not adjusted for seasonal variation.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	June 1991										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
TOTAL											
16 years and over	189,668	127,054	67.0	118,280	8,774	6.9	62,614	26,398	4,388	3,737	28,092
16 to 19 years	13,374	8,122	60.7	6,409	1,713	21.1	5,252	639	2,450	41	2,122
16 to 17 years	6,804	3,320	50.3	2,503	816	24.6	3,284	254	1,619	16	1,395
18 to 19 years	6,770	4,802	70.9	3,906	897	18.7	1,968	385	831	25	727
20 to 24 years	17,850	14,215	79.6	12,583	1,631	11.5	3,635	1,543	1,062	90	940
25 to 54 years	107,126	89,356	83.4	84,531	4,825	5.4	17,770	11,732	852	1,593	3,592
25 to 34 years	42,436	35,318	83.2	33,009	2,309	6.5	7,118	4,848	542	339	1,388
25 to 29 years	20,274	16,955	83.6	15,738	1,217	7.2	3,319	2,210	322	121	665
30 to 34 years	22,162	16,363	82.9	17,271	1,092	5.9	3,799	2,638	220	218	723
35 to 44 years	38,717	32,991	85.2	31,351	1,640	5.0	5,726	3,886	253	565	1,022
35 to 39 years	20,354	17,295	85.0	16,342	952	5.5	3,059	2,110	145	274	530
40 to 44 years	18,364	15,697	85.5	15,009	688	4.4	2,667	1,775	109	292	491
45 to 54 years	25,973	21,047	81.0	20,170	877	4.2	4,926	2,998	57	688	1,182
45 to 49 years	14,200	11,815	83.2	11,311	504	4.3	2,385	1,480	40	299	566
50 to 54 years	11,773	9,232	78.4	8,859	373	4.0	2,541	1,519	17	389	616
55 to 64 years	21,146	11,772	55.7	11,281	491	4.2	9,374	4,109	15	732	4,518
55 to 59 years	10,493	7,035	67.0	6,726	309	4.4	3,459	1,707	11	400	1,342
60 to 64 years	10,652	4,737	44.5	4,555	181	3.8	5,915	2,403	4	333	3,176
65 years and over	30,173	3,589	11.9	3,476	114	3.2	26,583	8,374	9	1,280	16,920
65 to 69 years	10,087	2,093	20.8	2,035	58	2.8	7,994	2,649	3	318	5,024
70 to 74 years	8,148	937	11.5	898	39	4.2	7,211	2,305	-	242	4,665
75 years and over	11,938	559	4.7	543	17	3.0	11,379	3,420	6	721	7,232
Men											
16 years and over	90,494	69,545	76.9	64,659	4,886	7.0	20,949	670	2,117	2,008	16,155
16 to 19 years	6,745	4,247	63.0	3,308	939	22.1	2,499	77	1,257	35	1,129
16 to 17 years	3,382	1,778	52.6	1,358	420	23.6	1,604	38	818	13	735
18 to 19 years	3,364	2,469	73.4	1,950	519	21.0	895	39	440	22	393
20 to 24 years	8,722	7,595	87.1	6,705	889	11.7	1,127	41	512	57	516
25 to 54 years	52,444	48,905	93.3	46,212	2,693	5.5	3,540	293	339	1,040	1,869
25 to 34 years	20,861	19,605	94.0	18,331	1,275	6.5	1,256	113	222	221	699
25 to 29 years	9,942	9,333	93.9	8,691	642	6.9	610	49	135	65	361
30 to 34 years	10,919	10,273	94.1	9,640	633	6.2	646	64	87	156	338
35 to 44 years	18,970	17,876	94.2	16,952	924	5.2	1,094	84	95	378	538
35 to 39 years	10,010	9,437	94.3	8,900	537	5.7	573	30	59	194	290
40 to 44 years	8,961	8,439	94.2	8,052	388	4.6	521	54	36	184	247
45 to 54 years	12,613	11,423	90.6	10,929	494	4.3	1,190	96	21	441	632
45 to 49 years	6,898	6,319	91.6	6,033	285	4.5	580	46	15	207	311
50 to 54 years	5,715	5,105	89.3	4,896	208	4.1	610	49	6	234	321
55 to 64 years	10,005	6,718	67.2	6,406	312	4.6	3,286	61	4	403	2,818
55 to 59 years	4,998	3,949	79.0	3,738	212	5.4	1,049	26	4	235	784
60 to 64 years	5,007	2,769	55.3	2,669	101	3.6	2,238	36	-	168	2,034
65 years and over	12,577	2,081	16.5	2,027	53	2.6	10,497	197	5	472	9,823
65 to 69 years	4,563	1,191	26.1	1,167	24	2.0	3,372	48	4	171	3,149
70 to 74 years	3,549	549	15.5	527	21	3.9	3,001	75	-	100	2,826
75 years and over	4,465	341	7.6	333	8	2.3	4,124	74	2	202	3,847
Women											
16 years and over	99,174	57,509	58.0	53,621	3,887	6.8	41,665	25,728	2,271	1,729	11,937
16 to 19 years	6,628	3,875	58.5	3,101	774	20.0	2,753	562	1,192	6	994
16 to 17 years	3,222	1,542	47.8	1,145	397	25.7	1,681	216	802	3	660
18 to 19 years	3,406	2,333	68.5	1,956	377	16.2	1,073	345	391	3	334
20 to 24 years	9,128	6,620	72.5	5,878	742	11.2	2,508	1,502	550	33	423
25 to 54 years	54,682	40,452	74.0	38,319	2,132	5.3	14,230	11,440	514	553	1,723
25 to 34 years	21,575	15,713	72.8	14,679	1,034	6.6	5,862	4,735	320	119	689
25 to 29 years	10,331	7,622	73.8	7,047	575	7.5	2,709	2,162	188	57	303
30 to 34 years	11,244	8,090	72.0	7,631	459	5.7	3,153	2,573	133	62	385
35 to 44 years	19,747	15,115	76.5	14,400	716	4.7	4,632	3,802	158	187	484
35 to 39 years	10,344	7,858	76.0	7,443	415	5.3	2,486	2,080	86	80	240
40 to 44 years	9,403	7,257	77.2	6,957	300	4.1	2,146	1,722	72	107	244
45 to 54 years	13,360	9,624	72.0	9,241	383	4.0	3,736	2,903	35	248	550
45 to 49 years	7,302	5,496	75.3	5,278	218	4.0	1,805	1,433	25	93	255
50 to 54 years	6,058	4,128	68.1	3,963	165	4.0	1,930	1,469	11	155	295
55 to 64 years	11,141	5,053	45.4	4,875	178	3.5	6,088	4,048	11	329	1,700
55 to 59 years	5,496	3,086	56.2	2,988	98	3.2	2,410	1,681	7	165	558
60 to 64 years	5,645	1,967	34.9	1,887	81	4.1	3,678	2,367	4	164	1,142
65 years and over	17,595	1,509	8.6	1,448	61	4.0	16,087	8,177	4	809	7,098
65 to 69 years	5,524	902	16.3	868	34	3.8	4,622	2,601	-	147	1,875
70 to 74 years	4,598	388	8.4	370	18	4.6	4,210	2,230	-	142	1,838
75 years and over	7,473	219	2.9	210	9	4.0	7,254	3,346	4	519	3,385

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	June 1991										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
WHITE											
16 years and over	161,449	108,991	67.5	102,356	6,635	6.1	52,458	22,498	2,945	2,802	24,213
16 to 19 years	10,686	6,960	65.1	5,675	1,285	18.5	3,727	447	1,608	28	1,643
16 to 17 years	5,251	2,846	54.2	2,226	619	21.8	2,405	190	1,078	7	1,130
18 to 19 years	5,436	4,114	75.7	3,448	666	16.2	1,322	257	530	21	513
20 to 24 years	14,686	12,050	82.1	10,855	1,195	9.9	2,636	1,182	721	61	673
25 to 54 years	90,662	76,392	84.3	72,743	3,649	4.8	14,271	9,749	600	1,145	2,777
25 to 34 years	35,449	29,826	84.1	28,149	1,678	5.6	5,622	3,925	397	253	1,046
25 to 29 years	16,867	14,321	84.9	13,413	908	6.3	2,547	1,741	240	88	477
30 to 34 years	18,581	15,506	83.4	14,735	770	5.0	3,076	2,184	157	165	570
35 to 44 years	32,964	28,367	86.1	27,085	1,281	4.5	4,597	3,255	171	412	760
35 to 39 years	17,202	14,749	85.7	14,027	722	4.9	2,453	1,766	91	212	383
40 to 44 years	15,762	13,618	86.4	13,058	559	4.1	2,144	1,489	80	199	376
45 to 54 years	22,250	18,199	81.8	17,509	889	3.8	4,052	2,569	33	481	970
45 to 49 years	12,179	10,197	83.7	9,816	382	3.7	1,982	1,275	25	219	462
50 to 54 years	10,071	8,001	79.4	7,694	308	3.8	2,070	1,294	7	262	507
55 to 64 years	18,388	10,340	56.2	9,929	411	4.0	8,049	3,544	13	552	3,940
55 to 59 years	9,084	6,193	68.2	5,934	259	4.2	2,890	1,462	9	280	1,139
60 to 64 years	9,305	4,147	44.6	3,995	152	3.7	5,158	2,082	4	272	2,800
65 years and over	27,026	3,250	12.0	3,154	96	3.0	23,776	7,576	3	1,016	15,181
65 to 69 years	8,951	1,872	20.9	1,827	46	2.4	7,078	2,355	-	261	4,463
70 to 74 years	7,305	858	11.7	824	34	3.9	6,447	2,062	-	194	4,190
75 years and over	10,770	520	4.8	503	17	3.2	10,251	3,159	4	561	6,528
Men											
16 years and over	77,651	60,256	77.6	56,514	3,741	6.2	17,395	447	1,437	1,524	13,986
16 to 19 years	5,399	3,617	67.0	2,916	701	19.4	1,782	39	849	24	869
16 to 17 years	2,690	1,502	55.8	1,189	313	20.8	1,189	23	566	4	595
18 to 19 years	2,709	2,115	78.1	1,727	388	18.4	593	16	283	20	274
20 to 24 years	7,218	6,442	89.2	5,792	650	10.1	776	11	358	32	376
25 to 54 years	44,951	42,364	94.2	40,290	2,074	4.9	2,587	185	227	774	1,403
25 to 34 years	17,668	16,786	95.0	15,813	972	5.8	883	69	163	163	491
25 to 29 years	8,376	7,948	94.9	7,435	513	6.5	428	28	106	46	249
30 to 34 years	9,292	8,838	95.1	8,379	459	5.2	454	41	55	117	242
35 to 44 years	16,371	15,585	95.2	14,854	731	4.7	786	51	56	287	393
35 to 39 years	8,574	8,163	95.2	7,745	419	5.1	411	24	30	152	205
40 to 44 years	7,797	7,422	95.2	7,109	313	4.2	376	27	26	134	188
45 to 54 years	10,912	9,994	91.6	9,623	370	3.7	918	65	10	324	519
45 to 49 years	5,989	5,550	92.7	5,353	197	3.6	439	33	6	154	248
50 to 54 years	4,922	4,443	90.3	4,271	173	3.9	479	33	4	171	272
55 to 64 years	8,771	5,931	67.6	5,659	272	4.6	2,840	42	4	319	2,476
55 to 59 years	4,371	3,503	80.1	3,316	187	5.3	868	16	4	181	668
60 to 64 years	4,400	2,428	55.2	2,343	85	3.5	1,972	26	-	138	1,808
65 years and over	11,311	1,902	16.8	1,857	45	2.3	9,409	171	-	376	8,863
65 to 69 years	4,087	1,088	26.6	1,068	20	1.9	2,999	39	-	142	2,818
70 to 74 years	3,210	501	15.6	485	16	3.3	2,709	67	-	79	2,563
75 years and over	4,014	313	7.8	305	8	2.5	3,701	64	-	154	3,482
Women											
16 years and over	83,798	48,735	58.2	45,841	2,894	5.9	35,063	22,051	1,508	1,278	10,227
16 to 19 years	5,287	3,342	63.2	2,759	584	17.5	1,945	408	759	4	774
16 to 17 years	2,560	1,344	52.5	1,037	307	22.8	1,216	167	512	3	535
18 to 19 years	2,727	1,998	73.3	1,721	277	13.9	729	241	247	1	239
20 to 24 years	7,468	5,608	75.1	5,063	544	9.7	1,860	1,172	362	29	297
25 to 54 years	45,711	34,028	74.4	32,453	1,575	4.6	11,684	9,564	374	371	1,375
25 to 34 years	17,780	13,041	73.3	12,335	706	5.4	4,740	3,856	236	90	557
25 to 29 years	8,491	6,373	75.1	5,978	394	6.2	2,118	1,713	134	42	229
30 to 34 years	9,289	6,668	71.8	6,357	311	4.7	2,621	2,143	102	48	329
35 to 44 years	16,592	12,782	77.0	12,232	550	4.3	3,811	3,204	114	125	367
35 to 39 years	8,628	6,586	76.3	6,282	303	4.6	2,042	1,743	61	60	178
40 to 44 years	7,965	6,196	77.8	5,949	247	4.0	1,769	1,462	54	65	188
45 to 54 years	11,339	8,205	72.4	7,886	319	3.9	3,134	2,504	23	156	450
45 to 49 years	6,190	4,647	75.1	4,463	184	4.0	1,543	1,243	20	65	215
50 to 54 years	5,149	3,558	69.1	3,423	135	3.8	1,591	1,261	3	91	236
55 to 64 years	9,618	4,409	45.8	4,270	139	3.2	5,208	3,502	9	234	1,464
55 to 59 years	4,713	2,690	57.1	2,618	72	2.7	2,022	1,446	5	100	472
60 to 64 years	4,905	1,719	35.0	1,652	67	3.9	3,186	2,056	4	134	992
65 years and over	15,715	1,348	8.6	1,297	52	3.8	14,367	7,405	3	640	6,318
65 to 69 years	4,863	784	16.1	759	25	3.2	4,079	2,316	-	119	1,645
70 to 74 years	4,095	357	8.7	340	18	4.9	3,738	1,995	-	115	1,627
75 years and over	6,756	207	3.1	198	9	4.3	6,550	3,094	4	406	3,045

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

(Numbers in thousands)

Age, sex, and race	June 1991										
	Civilian noninstitutional population	Civilian labor force					Not in labor force				
		Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
BLACK											
16 years and over	21,595	13,761	63.7	11,914	1,847	13.4	7,834	2,911	966	849	3,108
16 to 19 years	2,105	925	43.9	541	384	41.5	1,180	189	614	7	390
16 to 17 years	1,042	375	36.0	205	170	45.3	867	49	404	6	209
18 to 19 years	1,064	550	51.7	336	213	38.8	514	120	211	1	181
20 to 24 years	2,451	1,711	69.8	1,323	387	22.7	741	307	199	30	204
25 to 54 years	12,349	9,785	79.1	8,783	1,002	10.3	2,584	1,395	148	395	647
25 to 34 years	5,350	4,243	79.3	3,696	545	12.8	1,107	876	77	72	282
25 to 29 years	2,643	2,058	77.9	1,788	271	13.1	585	365	35	32	153
30 to 34 years	2,707	2,185	80.7	1,910	275	12.6	522	311	42	40	129
35 to 44 years	4,278	3,439	80.4	3,136	303	8.8	839	422	58	138	220
35 to 39 years	2,348	1,901	81.0	1,707	195	10.2	447	233	38	55	122
40 to 44 years	1,930	1,538	79.7	1,430	108	7.0	392	169	22	83	98
45 to 54 years	2,721	2,082	76.5	1,928	154	7.4	639	297	13	185	144
45 to 49 years	1,429	1,157	80.9	1,050	107	9.2	272	128	6	72	68
50 to 54 years	1,292	925	71.8	878	47	5.1	367	171	6	113	77
55 to 64 years	2,129	1,091	51.3	1,030	61	5.6	1,038	408	-	169	463
55 to 59 years	1,091	648	59.4	610	38	5.9	443	183	-	113	167
60 to 64 years	1,038	443	42.7	421	23	5.1	595	243	-	58	295
65 years and over	2,561	270	10.5	257	13	4.9	2,291	635	4	247	1,404
65 to 69 years	879	180	20.5	171	8	4.7	699	215	4	51	430
70 to 74 years	702	59	8.4	54	5	(¹)	643	209	-	42	392
75 years and over	980	31	3.2	31	-	(¹)	949	211	1	155	582
Men											
16 years and over	9,706	8,924	71.3	5,937	987	14.3	2,782	187	429	428	1,738
16 to 19 years	1,048	510	48.7	297	214	41.9	537	36	293	5	203
16 to 17 years	527	223	42.2	130	92	41.4	305	13	179	5	107
18 to 19 years	520	288	55.3	166	121	42.2	233	23	114	-	96
20 to 24 years	1,120	685	79.0	677	209	23.8	235	28	78	26	105
25 to 54 years	5,553	4,808	86.6	4,281	527	11.0	746	90	56	232	367
25 to 34 years	2,422	2,134	88.1	1,871	264	12.3	287	42	26	46	173
25 to 29 years	1,198	1,063	88.7	949	114	10.8	135	19	5	19	93
30 to 34 years	1,224	1,071	87.5	922	149	13.9	153	23	21	27	81
35 to 44 years	1,913	1,650	86.2	1,491	159	9.7	283	30	26	85	123
35 to 39 years	1,052	920	87.5	821	99	10.8	131	7	17	37	70
40 to 44 years	862	730	84.7	670	60	8.2	132	23	8	46	52
45 to 54 years	1,218	1,023	84.0	919	104	10.2	195	18	4	101	72
45 to 49 years	633	541	85.4	466	75	13.8	92	6	2	44	40
50 to 54 years	584	482	82.4	453	29	6.0	103	12	2	57	31
55 to 64 years	948	583	61.5	553	30	5.1	365	12	-	78	275
55 to 59 years	480	331	69.0	314	17	5.2	149	5	-	52	92
60 to 64 years	468	252	53.8	240	12	4.9	216	7	-	26	183
65 years and over	1,037	137	13.2	129	8	5.7	900	21	4	87	787
65 to 69 years	374	82	21.9	79	3	3.9	292	9	4	26	253
70 to 74 years	284	32	11.4	28	5	(¹)	252	7	-	18	227
75 years and over	379	23	6.1	23	-	(¹)	356	5	-	43	307
Women											
16 years and over	11,890	6,838	57.5	5,977	860	12.6	5,052	2,724	537	420	1,370
16 to 19 years	1,058	415	39.2	245	170	41.0	643	133	321	2	187
16 to 17 years	514	152	29.6	74	78	51.1	362	36	224	-	101
18 to 19 years	543	262	48.3	170	92	35.1	281	97	97	2	86
20 to 24 years	1,331	825	62.0	647	179	21.7	506	279	123	4	99
25 to 54 years	6,796	4,957	72.9	4,482	475	9.6	1,839	1,305	92	163	279
25 to 34 years	2,928	2,109	72.0	1,827	282	13.4	819	633	51	26	109
25 to 29 years	1,445	995	68.9	839	156	15.7	450	346	30	14	60
30 to 34 years	1,483	1,114	75.1	988	125	11.3	369	287	20	13	49
35 to 44 years	2,384	1,789	75.7	1,645	144	8.0	576	393	33	53	97
35 to 39 years	1,296	981	75.7	886	95	9.7	315	226	19	18	52
40 to 44 years	1,068	808	75.6	759	48	6.0	260	166	14	35	45
45 to 54 years	1,503	1,059	70.5	1,009	50	4.7	444	279	9	84	73
45 to 49 years	796	616	77.4	584	32	5.2	180	121	4	27	28
50 to 54 years	707	443	62.7	425	18	4.1	264	158	4	56	45
55 to 64 years	1,181	508	43.0	477	31	6.1	673	394	-	91	188
55 to 59 years	611	317	51.8	296	21	6.6	294	158	-	62	75
60 to 64 years	570	191	33.6	181	10	5.3	378	236	-	29	113
65 years and over	1,524	133	8.7	127	5	4.1	1,391	613	1	160	617
65 to 69 years	505	98	19.4	93	5	5.4	407	206	-	25	177
70 to 74 years	418	27	6.4	26	-	(¹)	391	202	-	23	165
75 years and over	601	8	1.3	8	-	(¹)	593	205	1	112	275

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age and sex	June 1991								Not in labor force
	Civilian noninstitutional population	Civilian labor force							
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
TOTAL									
16 years and over	28,219	16,063	64.0	15,924	306	15,618	2,139	11.8	10,156
16 to 19 years	2,688	1,162	43.2	734	26	708	428	36.9	1,525
16 to 17 years	1,354	474	35.0	277	19	258	197	41.6	880
18 to 19 years	1,334	688	51.6	457	8	449	231	33.8	646
20 to 24 years	3,164	2,165	68.4	1,728	38	1,691	436	20.2	999
25 to 54 years	16,463	12,965	78.7	11,788	203	11,586	1,177	9.1	3,499
25 to 34 years	6,987	5,492	78.6	4,861	82	4,779	631	11.5	1,496
25 to 29 years	3,406	2,634	77.3	2,325	43	2,282	309	11.7	772
30 to 34 years	3,581	2,857	79.8	2,536	39	2,497	322	11.3	724
35 to 44 years	5,754	4,625	80.4	4,266	80	4,187	359	7.8	1,129
35 to 39 years	3,152	2,546	80.8	2,316	50	2,266	230	9.0	806
40 to 44 years	2,602	2,079	79.9	1,951	30	1,921	128	6.2	523
45 to 54 years	3,722	2,848	76.5	2,661	41	2,620	187	6.6	874
45 to 49 years	2,021	1,618	80.0	1,496	31	1,464	122	7.5	403
50 to 54 years	1,701	1,231	72.3	1,166	10	1,156	65	5.3	471
55 to 64 years	2,757	1,432	51.9	1,352	19	1,333	80	5.6	1,325
55 to 59 years	1,410	842	59.7	792	11	781	50	5.9	568
60 to 64 years	1,347	590	43.8	560	8	552	30	5.0	757
65 years and over	3,147	339	10.8	321	21	301	18	5.2	2,808
65 to 69 years	1,136	221	19.4	208	13	196	13	5.7	915
70 to 74 years	843	79	9.3	73	2	71	5	6.5	764
75 years and over	1,168	40	3.4	40	6	34	-	(¹)	1,128
Men									
16 years and over	12,843	9,289	72.3	8,144	264	7,880	1,145	12.3	3,554
16 to 19 years	1,346	630	46.8	392	23	368	238	37.8	717
16 to 17 years	691	276	40.0	169	18	152	107	38.7	415
18 to 19 years	655	354	54.0	222	6	217	131	37.1	302
20 to 24 years	1,504	1,153	76.7	914	30	884	239	20.7	351
25 to 54 years	7,493	6,541	87.3	5,922	172	5,749	619	9.5	953
25 to 34 years	3,193	2,820	88.3	2,517	74	2,444	302	10.7	373
25 to 29 years	1,566	1,385	88.4	1,256	42	1,214	129	9.3	181
30 to 34 years	1,627	1,435	88.2	1,261	31	1,230	174	12.1	192
35 to 44 years	2,599	2,291	88.2	2,098	67	2,031	193	8.4	308
35 to 39 years	1,436	1,274	88.7	1,155	41	1,115	118	9.3	162
40 to 44 years	1,163	1,018	87.5	943	26	916	75	7.3	146
45 to 54 years	1,701	1,430	84.0	1,306	32	1,274	124	8.6	272
45 to 49 years	909	768	84.6	680	22	658	88	11.5	140
50 to 54 years	792	661	83.4	626	10	616	35	5.3	131
55 to 64 years	1,234	788	63.8	747	18	729	40	5.1	446
55 to 59 years	627	446	71.2	421	11	410	25	5.5	181
60 to 64 years	607	342	56.3	326	7	319	16	4.6	266
65 years and over	1,266	179	14.1	170	20	149	9	4.9	1,088
65 to 69 years	475	103	21.7	99	13	87	4	3.7	372
70 to 74 years	339	48	14.0	43	2	41	5	(¹)	292
75 years and over	451	28	6.2	28	6	22	-	(¹)	423
Women									
16 years and over	15,376	8,774	57.1	7,780	43	7,737	994	11.3	6,802
16 to 19 years	1,341	533	39.7	342	3	339	190	35.7	809
16 to 17 years	662	198	29.9	108	1	107	90	45.6	464
18 to 19 years	679	335	49.3	235	2	233	100	29.9	344
20 to 24 years	1,660	1,012	61.0	815	8	806	197	19.5	648
25 to 54 years	8,970	6,424	71.6	5,867	30	5,836	558	8.7	2,546
25 to 34 years	3,795	2,672	70.4	2,343	8	2,335	328	12.3	1,123
25 to 29 years	1,840	1,249	67.9	1,069	1	1,068	181	14.4	591
30 to 34 years	1,954	1,422	72.8	1,275	7	1,267	148	10.4	532
35 to 44 years	3,155	2,334	74.0	2,168	12	2,156	166	7.1	821
35 to 39 years	1,716	1,272	74.1	1,160	9	1,152	112	8.8	444
40 to 44 years	1,438	1,061	73.8	1,008	4	1,004	54	5.1	377
45 to 54 years	2,021	1,419	70.2	1,355	10	1,345	64	4.5	602
45 to 49 years	1,112	849	76.4	815	9	806	34	4.0	263
50 to 54 years	909	570	62.7	540	-	540	30	5.2	339
55 to 64 years	1,523	644	42.3	605	1	604	40	6.1	879
55 to 59 years	783	396	50.5	370	-	371	25	6.4	387
60 to 64 years	740	249	33.6	234	1	233	14	5.7	492
65 years and over	1,881	160	8.5	152	-	151	9	5.5	1,720
65 to 69 years	661	118	17.8	109	-	109	9	7.4	543
70 to 74 years	503	31	6.2	31	-	31	-	(¹)	472
75 years and over	717	12	1.6	12	-	11	-	(¹)	705

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

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

(Numbers in thousands)

Employment status and race	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991
TOTAL								
Civilian noninstitutional population	187,977	189,668	82,676	83,748	91,495	92,546	13,806	13,374
Civilian labor force	126,307	127,054	64,808	65,298	52,884	53,634	8,614	8,122
Percent of population	67.2	67.0	78.4	78.0	57.8	58.0	62.4	60.7
Employed	119,605	118,280	61,979	61,351	50,491	50,520	7,134	6,409
Agriculture	3,714	3,749	2,563	2,640	766	716	386	393
Nonagricultural industries	115,891	114,531	59,417	58,711	49,726	49,805	6,749	6,015
Unemployed	6,702	8,774	2,829	3,947	2,393	3,113	1,480	1,713
Unemployment rate	5.3	6.9	4.4	6.0	4.5	5.8	17.2	21.1
Not in labor force	61,670	62,614	17,868	18,450	38,611	38,912	5,191	5,252
White								
Civilian noninstitutional population	160,365	161,449	71,456	72,251	77,800	78,511	11,109	10,686
Civilian labor force	108,528	108,991	56,345	56,639	44,821	45,393	7,362	6,960
Percent of population	67.7	67.5	78.9	78.4	57.6	57.8	66.3	65.1
Employed	103,638	102,356	54,240	53,598	43,076	43,083	6,322	5,675
Agriculture	3,496	3,443	2,407	2,399	725	676	364	367
Nonagricultural industries	100,143	98,913	51,834	51,199	42,351	42,406	5,958	5,308
Unemployed	4,890	6,635	2,104	3,040	1,745	2,310	1,040	1,285
Unemployment rate	4.5	6.1	3.7	5.4	3.9	5.1	14.1	18.5
Not in labor force	51,837	52,458	15,111	15,613	32,979	33,118	3,747	3,727
Black								
Civilian noninstitutional population	21,289	21,595	8,504	8,658	10,639	10,832	2,147	2,105
Civilian labor force	13,652	13,761	6,325	6,413	6,320	6,423	1,006	925
Percent of population	64.1	63.7	74.4	74.1	59.4	59.3	46.9	43.9
Employed	12,118	11,914	5,742	5,640	5,760	5,733	616	541
Agriculture	149	212	107	167	25	24	17	20
Nonagricultural industries	11,969	11,703	5,635	5,473	5,735	5,709	599	521
Unemployed	1,534	1,847	563	773	560	690	390	384
Unemployment rate	11.2	13.4	9.2	12.1	8.9	10.7	38.8	41.5
Not in labor force	7,637	7,834	2,178	2,245	4,319	4,409	1,140	1,180

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	June 1991									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL ENROLLED										
Total, 16 to 24 years	7,067	3,546	50.2	2,974	883	2,091	572	248	325	16.1
16 to 19 years	4,349	1,863	42.8	1,479	276	1,203	384	147	237	20.6
20 to 24 years	2,718	1,683	61.9	1,495	607	888	188	100	88	11.2
High school	3,464	1,342	38.8	1,016	117	900	326	124	203	24.3
College	3,603	2,204	61.2	1,957	766	1,191	246	124	122	11.2
Full-time students	2,688	1,447	53.8	1,269	345	924	178	90	88	12.3
Part-time students	915	756	82.6	888	421	267	88	34	34	9.0
Men, 16 to 24 years	3,457	1,721	49.8	1,432	441	992	288	143	146	16.8
16 to 19 years	2,202	954	43.3	745	145	600	208	86	122	21.8
20 to 24 years	1,255	767	61.1	687	296	391	80	57	24	10.5
High school	1,818	743	40.9	563	77	486	181	69	112	24.3
College	1,639	977	59.6	870	364	506	108	73	34	11.0
Full-time students	1,238	689	54.0	586	175	411	83	59	24	12.4
Part-time students	401	309	76.9	284	189	95	25	15	10	8.0
Women, 16 to 24 years	3,610	1,825	50.6	1,541	442	1,099	284	105	179	15.6
16 to 19 years	2,147	909	42.4	733	131	602	176	61	115	19.4
20 to 24 years	1,463	916	62.6	808	311	497	108	44	64	11.8
High school	1,646	599	36.4	454	40	414	146	54	91	24.3
College	1,964	1,226	62.4	1,088	403	685	138	51	88	11.3
Full-time students	1,450	779	53.7	684	170	513	95	31	64	12.2
Part-time students	514	448	87.1	404	232	172	43	20	24	9.7
White										
Total, 16 to 24 years	5,343	2,981	55.8	2,582	762	1,820	398	167	231	13.4
16 to 19 years	3,200	1,565	48.9	1,296	243	1,053	269	99	170	17.2
20 to 24 years	2,142	1,416	66.1	1,286	519	767	130	69	61	9.2
Men	2,607	1,421	54.5	1,232	375	856	189	87	102	13.3
Women	2,736	1,560	57.0	1,351	387	964	209	81	128	13.4
High school	2,473	1,098	44.4	886	105	781	212	76	136	19.3
College	2,870	1,883	65.6	1,696	657	1,039	186	91	95	9.9
Full-time students	2,125	1,252	58.9	1,116	302	814	136	72	64	10.9
Part-time students	745	630	84.8	580	355	225	50	20	31	8.0
Black										
Total, 16 to 24 years	1,187	371	31.2	224	76	148	147	69	78	39.7
16 to 19 years	831	206	24.8	107	24	83	99	45	54	48.0
20 to 24 years	356	165	46.3	117	52	65	48	25	24	29.3
Men	558	186	33.3	107	39	68	79	45	34	42.4
Women	629	185	29.4	117	37	80	68	24	44	36.9
High school	728	168	23.1	72	9	63	96	42	54	57.0
College	459	203	44.1	152	67	85	51	27	24	25.3
Full-time students	376	132	35.1	96	31	65	38	15	21	27.5
Part-time students	83	71	85.1	56	36	20	15	12	3	(²)
Hispanic origin										
Total, 16 to 24 years	815	300	36.8	256	73	183	44	17	27	14.6
16 to 19 years	590	159	27.0	129	19	110	30	12	18	19.0
20 to 24 years	225	141	62.6	127	54	74	14	5	9	9.7
Men	382	154	40.2	135	36	98	19	9	10	12.5
Women	433	147	33.9	122	37	85	25	8	17	16.8
High school	523	124	23.7	97	11	86	27	11	16	21.5
College	292	177	60.5	159	62	98	17	6	11	9.8
Full-time students	212	112	52.9	101	16	85	11	5	6	10.0
Part-time students	80	65	80.3	58	45	13	6	1	5	(²)

See footnotes at end of table.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, years of school completed, race, and Hispanic origin	June 1991									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time ¹	Part time ¹	Total	Looking for full-time work	Looking for part-time work	
TOTAL NOT ENROLLED										
Total, 16 to 24 years	24,157	18,791	77.8	16,019	11,904	4,114	2,772	2,173	599	14.8
16 to 19 years	9,025	6,259	69.4	4,930	2,515	2,415	1,329	899	430	21.2
20 to 24 years	15,132	12,532	82.8	11,089	9,390	1,699	1,443	1,275	168	11.5
Less than 4 years of high school	8,304	5,121	61.7	3,921	2,128	1,793	1,200	823	377	23.4
4 years of high school	9,256	7,766	83.9	6,774	5,519	1,255	992	857	134	12.8
1 to 3 years of college	4,881	4,311	88.3	3,869	2,987	882	441	357	84	10.2
4 years of college or more	1,716	1,593	92.9	1,454	1,270	184	139	135	4	8.7
Men, 16 to 24 years	12,010	10,121	84.3	8,581	6,836	1,745	1,540	1,284	256	15.2
16 to 19 years	4,543	3,293	72.5	2,562	1,458	1,104	731	534	197	22.2
20 to 24 years	7,467	6,828	91.4	6,019	5,377	641	809	750	59	11.8
Less than 4 years of high school	4,295	3,078	71.7	2,392	1,485	907	686	520	166	22.3
4 years of high school	4,645	4,225	91.0	3,678	3,211	468	546	506	40	12.9
1 to 3 years of college	2,288	2,082	91.0	1,848	1,543	305	233	185	49	11.2
4 years of college or more	783	737	94.2	663	597	65	74	73	1	10.1
Women, 16 to 24 years	12,146	8,670	71.4	7,438	5,069	2,369	1,232	889	343	14.2
16 to 19 years	4,482	2,966	66.2	2,368	1,057	1,311	598	365	233	20.2
20 to 24 years	7,665	5,704	74.4	5,070	4,012	1,058	634	525	109	11.1
Less than 4 years of high school	4,009	2,043	51.0	1,529	644	885	514	304	210	25.2
4 years of high school	4,611	3,541	76.8	3,096	2,308	788	446	351	94	12.6
1 to 3 years of college	2,593	2,229	86.0	2,021	1,445	577	208	172	35	9.3
4 years of college or more	933	856	91.8	792	673	119	65	62	3	7.5
White										
Total, 16 to 24 years	20,029	16,029	80.0	13,947	10,382	3,566	2,081	1,606	475	13.0
16 to 19 years	7,486	5,395	72.1	4,379	2,254	2,125	1,016	660	356	18.8
20 to 24 years	12,544	10,634	84.8	9,569	8,128	1,441	1,065	946	119	10.0
Men	10,010	8,638	86.3	7,476	5,998	1,478	1,162	946	216	13.5
Women	10,019	7,390	73.8	6,471	4,384	2,088	919	660	259	12.4
Less than 4 years of high school	6,668	4,318	64.8	3,412	1,884	1,528	906	588	319	21.0
4 years of high school	7,585	6,480	85.4	5,802	4,721	1,081	679	595	83	10.5
1 to 3 years of college	4,247	3,798	89.4	3,423	2,633	790	375	303	72	9.9
4 years of college or more	1,529	1,433	93.7	1,312	1,145	167	121	120	1	8.4
Black										
Total, 16 to 24 years	3,370	2,265	67.2	1,641	1,197	444	624	515	109	27.5
16 to 19 years	1,274	719	56.4	434	208	226	285	221	64	39.6
20 to 24 years	2,095	1,546	73.8	1,207	989	218	339	294	45	21.9
Men	1,610	1,210	75.2	867	649	217	344	312	31	28.4
Women	1,760	1,055	59.9	774	547	227	280	202	78	26.6
Less than 4 years of high school	1,379	676	49.0	406	190	216	270	222	48	39.9
4 years of high school	1,412	1,097	77.7	808	655	153	289	240	50	26.4
1 to 3 years of college	480	398	83.0	345	278	67	53	45	8	13.3
4 years of college or more	99	93	94.1	81	74	7	11	8	3	12.3
Hispanic origin										
Total, 16 to 24 years	2,635	1,855	70.4	1,566	1,300	266	289	246	43	15.6
16 to 19 years	867	539	62.2	391	265	126	148	121	27	27.5
20 to 24 years	1,768	1,316	74.4	1,175	1,035	140	141	125	16	10.7
Men	1,384	1,180	85.3	1,004	892	113	176	146	30	14.9
Women	1,251	675	53.9	562	408	154	113	100	13	16.7
Less than 4 years of high school	1,484	925	62.3	740	615	124	186	150	35	20.1
4 years of high school	835	666	79.7	595	496	100	70	69	1	10.6
1 to 3 years of college	256	212	82.7	186	148	38	26	20	6	12.3
4 years of college or more	59	52	(²)	45	42	4	7	6	-	(²)

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	June 1990	June 1991	Total		Employed		Unemployed			
			June 1990	June 1991	June 1990	June 1991	Number		Percent of labor force	
							June 1990	June 1991	June 1990	June 1991
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,634	7,784	6,966	7,036	6,752	6,714	213	322	3.1	4.6
35 to 49 years	6,521	6,484	6,138	6,083	5,953	5,784	185	299	3.0	4.9
35 to 39 years	1,425	1,165	1,324	1,083	1,266	993	58	90	4.4	8.3
40 to 44 years	3,314	3,146	3,145	2,979	3,063	2,844	81	134	2.6	4.5
45 to 49 years	1,782	2,173	1,670	2,021	1,624	1,947	46	74	2.8	3.7
50 years and over	1,113	1,300	827	953	799	929	28	23	3.4	2.4
NONVETERANS										
Total, 35 to 49 years	17,233	18,330	16,127	17,151	15,517	16,309	610	841	3.8	4.9
35 to 39 years	7,942	8,349	7,551	7,905	7,282	7,498	269	407	3.6	5.2
40 to 44 years	5,070	5,797	4,724	5,444	4,551	5,196	173	247	3.7	4.5
45 to 49 years	4,221	4,183	3,851	3,802	3,683	3,615	168	187	4.4	4.9

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

are limited to those 35 to 49 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

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

(In thousands)

Sex, age, and race	June 1991							
	Employed						Unemployed	
	Full time			Part time			Looking for full-time work	Looking for part-time work
	Total	Full-time schedules ¹	Part time for economic reasons, usually work full time	Total	Voluntary ¹	Part time for economic reasons, usually work part time		
TOTAL								
Total, 16 years and over	98,722	96,491	2,231	19,558	15,509	4,049	7,315	1,459
16 to 19 years	2,791	2,632	159	3,618	2,759	859	1,046	667
16 to 17 years	592	556	36	1,912	1,513	398	366	451
18 to 19 years	2,199	2,076	123	1,706	1,246	460	680	217
20 years and over	95,931	93,858	2,073	15,940	12,750	3,191	6,269	791
20 to 24 years	9,996	9,677	319	2,587	1,881	706	1,375	256
25 years and over	85,934	84,181	1,753	13,353	10,869	2,485	4,894	535
25 to 54 years	74,975	73,456	1,519	9,556	7,466	2,090	4,429	396
55 years and over	10,960	10,725	234	3,797	3,402	395	465	139
Men, 16 years and over	58,338	56,963	1,375	6,321	4,450	1,871	4,340	546
16 to 19 years	1,603	1,510	93	1,705	1,254	451	620	319
20 years and over	56,735	55,453	1,281	4,616	3,196	1,420	3,720	227
20 to 24 years	5,673	5,477	196	1,033	696	337	806	83
25 years and over	51,062	49,976	1,086	3,583	2,500	1,084	2,914	144
25 to 54 years	44,170	43,236	934	2,042	1,115	927	2,607	86
55 years and over	6,892	6,740	152	1,542	1,385	157	307	58
Women, 16 years and over	40,384	39,527	857	13,238	11,059	2,178	2,975	912
16 to 19 years	1,188	1,122	65	1,913	1,505	408	426	348
20 years and over	39,196	38,405	791	11,324	9,554	1,770	2,549	564
20 to 24 years	4,324	4,200	124	1,554	1,185	369	569	173
25 years and over	34,873	34,205	668	9,770	8,369	1,401	1,980	391
25 to 54 years	30,805	30,219	586	7,515	6,351	1,163	1,823	310
55 years and over	4,068	3,986	82	2,255	2,017	238	158	81
White								
Men, 16 years and over	51,096	49,928	1,169	5,418	3,894	1,524	3,302	440
16 to 19 years	1,443	1,359	84	1,473	1,090	383	448	253
20 years and over	49,654	48,569	1,084	3,945	2,804	1,141	2,854	187
20 to 24 years	4,931	4,765	166	861	593	268	585	65
25 years and over	44,723	43,804	918	3,084	2,210	873	2,269	121
25 to 54 years	38,626	37,829	797	1,665	926	738	2,003	71
55 years and over	6,097	5,976	121	1,419	1,284	135	266	51
Women, 16 years and over	34,022	33,321	701	11,819	10,033	1,786	2,177	717
16 to 19 years	1,055	998	57	1,704	1,346	358	310	273
20 years and over	32,968	32,323	645	10,115	8,687	1,428	1,866	444
20 to 24 years	3,716	3,617	99	1,347	1,029	319	430	114
25 years and over	29,252	28,706	546	8,768	7,658	1,109	1,436	330
25 to 54 years	25,718	25,248	471	6,734	5,808	926	1,315	260
55 years and over	3,533	3,458	75	2,033	1,851	183	121	70
Black								
Men, 16 years and over	5,274	5,112	162	663	372	291	900	86
16 to 19 years	130	123	7	167	113	54	161	53
20 years and over	5,144	4,989	155	496	259	237	740	33
20 to 24 years	559	534	25	118	55	63	196	12
25 years and over	4,585	4,455	130	378	203	175	543	21
25 to 54 years	3,998	3,894	104	282	124	158	513	13
55 years and over	587	561	26	96	79	17	30	8
Women, 16 years and over	4,938	4,812	125	1,040	713	327	688	172
16 to 19 years	102	94	9	142	104	38	105	65
20 years and over	4,835	4,719	117	897	609	289	584	107
20 to 24 years	482	461	21	165	118	47	122	57
25 years and over	4,354	4,258	96	732	491	242	461	50
25 to 54 years	3,934	3,842	92	548	354	194	436	39
55 years and over	420	416	4	185	137	48	25	11

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Family relationship	June 1991									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over ¹	101,482	67.5	94,388	7,094	7.0	48,941	21,450	3,945	2,617	20,929
Husbands	40,015	77.7	38,409	1,606	4.0	11,502	241	146	953	10,161
With employed wife	26,401	91.8	25,511	890	3.4	2,352	94	79	344	1,834
With unemployed wife	1,145	91.3	985	160	14.0	109	2	2	27	77
With wife not in labor force	12,470	58.0	11,913	556	4.5	9,041	145	65	582	8,249
Wives	30,006	58.2	28,752	1,254	4.2	21,511	16,260	300	471	4,479
With employed husband	26,496	69.0	25,511	985	3.7	11,913	10,278	238	159	1,239
With unemployed husband	1,050	65.4	890	160	15.3	556	470	29	16	41
With husband not in labor force	2,460	21.4	2,352	109	4.4	9,041	5,512	34	296	3,199
Relatives in married-couple families	13,893	69.3	11,891	2,002	14.4	6,156	810	2,157	358	2,831
16 to 19 years	5,345	62.8	4,385	960	18.0	3,160	212	1,483	22	1,443
20 to 24 years	5,058	81.2	4,412	645	12.8	1,169	153	571	44	401
25 years and over	3,491	65.6	3,094	397	11.4	1,827	445	103	292	987
Women who maintain families	7,116	61.9	6,474	641	9.0	4,373	2,839	138	302	1,094
Relatives in families maintained by women	6,014	62.3	4,904	1,109	18.4	3,643	868	997	353	1,426
16 to 19 years	1,533	51.7	1,043	490	31.9	1,432	170	743	16	504
20 to 24 years	1,630	74.8	1,337	294	18.0	550	157	181	23	190
25 years and over	2,849	63.2	2,524	325	11.4	1,661	541	73	314	732
Men who maintain families	2,419	77.5	2,262	157	6.5	704	54	32	94	523
Relatives in families maintained by men	2,019	65.7	1,694	324	16.1	1,052	378	175	86	413
16 to 19 years	349	66.9	245	104	29.8	172	18	108	-	47
20 to 24 years	507	81.1	445	62	12.2	118	39	52	2	26
25 years and over	1,162	60.4	1,004	158	13.6	762	321	15	84	340

¹ Excludes persons living alone or with nonrelatives, persons in families where the husband, wife, or other person maintaining the family is in the Armed Forces, and persons in unrelated subfamilies.

NOTE: Estimates shown in this table for husbands, wives, and women

who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns used in aggregating the data.

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

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991
Total, 16 years and over	3,593	4,886	5.2	7.0	3,109	3,887	5.5	6.8
Married, spouse present	1,205	1,763	2.9	4.2	1,042	1,348	3.4	4.3
Widowed, divorced, or separated	441	585	5.8	7.8	602	787	5.3	6.9
Single (never married)	1,947	2,538	9.9	12.8	1,465	1,753	9.8	11.6
White, 16 years and over	2,638	3,741	4.4	6.2	2,252	2,894	4.7	5.9
Married, spouse present	959	1,488	2.6	3.9	886	1,146	3.3	4.2
Widowed, divorced, or separated	326	424	5.1	6.8	422	583	4.6	6.3
Single (never married)	1,353	1,829	8.3	11.2	944	1,165	7.9	9.8
Black, 16 years and over	787	987	11.5	14.3	747	860	11.0	12.6
Married, spouse present	179	218	5.6	7.0	121	156	5.1	6.7
Widowed, divorced, or separated	98	141	9.6	13.2	152	173	8.0	9.0
Single (never married)	510	627	19.5	23.1	474	531	18.7	20.6
Total, 25 years and over	2,144	3,058	3.8	5.3	1,827	2,371	4.0	5.0
Married, spouse present	1,103	1,655	2.7	4.1	913	1,139	3.2	3.9
Widowed, divorced, or separated	424	547	5.7	7.5	541	737	4.9	6.7
Single (never married)	618	856	6.6	8.9	372	496	5.6	7.3
White, 25 years and over	1,607	2,390	3.2	4.8	1,338	1,765	3.4	4.4
Married, spouse present	873	1,401	2.4	3.9	781	964	3.1	3.7
Widowed, divorced, or separated	309	399	5.0	6.6	374	537	4.2	6.1
Single (never married)	425	589	5.6	7.6	183	265	3.7	5.3
Black, 25 years and over	424	564	7.8	10.2	418	511	7.6	9.1
Married, spouse present	166	202	5.4	6.6	101	130	4.5	5.8
Widowed, divorced, or separated	98	132	9.8	12.5	141	174	7.7	9.2
Single (never married)	160	231	11.7	16.0	176	208	12.1	13.9

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-12. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991
Total, 16 years and over	6,702	8,774	5.3	6.9	5.2	7.0	5.5	6.8
Managerial and professional specialty	701	927	2.2	2.9	2.0	2.9	2.5	3.0
Executive, administrative, and managerial	355	495	2.3	3.2	2.2	3.1	2.5	3.3
Professional specialty	346	432	2.2	2.7	1.8	2.6	2.6	2.8
Technical, sales, and administrative support	1,557	1,972	4.1	5.1	3.7	4.6	4.2	5.4
Technicians and related support	113	128	2.8	3.3	2.8	3.4	2.7	3.1
Sales occupations	679	894	4.6	6.0	3.3	4.5	5.8	7.4
Administrative support, including clerical	765	950	3.9	4.9	5.0	5.5	3.7	4.7
Service occupations	1,065	1,318	6.2	7.5	6.1	7.6	6.3	7.4
Private household	40	68	4.6	7.2	(¹)	(¹)	4.7	7.2
Protective service	66	102	3.2	4.3	2.6	4.2	6.3	4.8
Service, except private household and protective	960	1,147	6.8	8.0	7.4	8.9	6.4	7.5
Precision production, craft, and repair	701	1,039	4.8	7.2	4.8	7.1	5.4	8.1
Mechanics and repairers	191	222	4.2	4.7	4.2	4.8	2.2	2.2
Construction trades	367	553	6.4	9.9	6.3	9.9	6.8	10.2
Other precision production, craft, and repair	143	264	3.4	6.2	2.7	5.4	5.8	8.9
Operators, fabricators, and laborers	1,419	2,006	7.3	10.4	7.1	10.0	7.7	11.7
Machine operators, assemblers, and inspectors	569	895	6.3	10.3	5.4	9.5	7.6	11.4
Transportation and material moving occupations	263	370	5.2	7.2	5.3	7.1	4.7	8.0
Handlers, equipment cleaners, helpers, and laborers	587	740	10.6	13.7	10.9	13.4	9.3	15.0
Construction laborers	139	166	13.5	17.7	13.7	17.7	(¹)	(¹)
Other handlers, equipment cleaners, helpers, and laborers	448	574	9.9	12.9	10.0	12.3	9.4	14.9
Farming, forestry, and fishing	205	256	4.7	5.8	4.6	5.8	5.1	5.8
No previous work experience	1,004	1,222	-	-	-	-	-	-
16 to 19 years	742	843	-	-	-	-	-	-
20 to 24 years	150	226	-	-	-	-	-	-
25 years and over	112	152	-	-	-	-	-	-

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

A-13. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991
Total, 16 years and over	6,702	8,774	5.3	6.9	5.2	7.0	5.5	6.8
Nonagricultural private wage and salary workers	4,830	6,575	5.1	7.0	5.1	7.2	5.1	6.6
Mining	28	59	3.6	7.8	3.6	9.2	4.0	5
Construction	526	789	8.0	12.8	8.3	13.1	4.6	8.7
Manufacturing	1,011	1,552	4.6	7.2	4.1	6.5	5.6	8.6
Durable goods	597	949	4.6	7.5	4.3	7.0	5.4	8.6
Lumber and wood products	42	67	5.4	9.2	4.4	9.4	11.6	7.9
Furniture and fixtures	33	58	4.8	9.4	4.4	9.5	5.7	9.2
Stone, clay, and glass products	26	46	4.0	7.7	4.1	7.2	3.8	9.2
Primary metal industries	37	62	3.9	7.4	3.5	7.0	6.9	9.7
Fabricated metal products	77	134	6.0	9.7	6.1	8.8	5.5	13.0
Machinery, except electrical	91	158	3.7	6.3	3.2	5.9	5.1	7.5
Electrical machinery, equipment, and supplies	106	151	4.9	7.2	4.3	7.6	5.9	6.7
Transportation equipment	131	184	4.9	7.2	5.2	6.1	3.8	11.1
Automobiles	75	101	6.0	8.4	6.3	7.0	4.9	12.7
Other transportation equipment	57	83	3.9	6.2	4.2	5.3	2.8	9.5
Professional and photographic equipment	18	34	2.5	3.9	1.3	3.5	4.0	4.4
Other durable goods industries	36	55	6.4	10.5	6.3	8.7	6.2	12.5
Nondurable goods	414	603	4.6	6.8	3.7	5.5	5.8	8.5
Food and kindred products	116	164	5.9	8.4	5.6	6.7	6.3	11.5
Textile mill products	35	45	4.8	6.3	3.0	4.9	6.9	7.9
Apparel and other textile products	80	104	6.8	9.5	5.6	6.9	7.2	10.1
Paper and allied products	25	41	3.2	5.7	2.7	5.5	4.6	6.2
Printing and publishing	64	100	3.5	5.4	2.7	5.0	4.5	5.9
Chemicals and allied products	42	68	2.9	5.1	2.7	4.4	3.4	6.3
Rubber and miscellaneous plastics products	42	66	5.5	8.4	4.5	6.6	7.5	12.2
Other nondurable goods industries	11	14	2.9	3.6	1.7	3.4	6.0	4.0
Transportation and public utilities	210	369	3.3	5.5	3.3	6.0	3.1	4.3
Transportation	170	268	4.6	7.0	4.6	7.6	4.8	5.1
Communications and other public utilities	40	101	1.4	3.5	1.4	3.5	1.6	3.5
Wholesale and retail trade	1,500	1,831	6.4	7.7	6.0	7.1	6.7	8.3
Wholesale trade	216	246	4.8	5.4	4.2	4.7	6.4	7.2
Retail trade	1,284	1,586	6.7	8.2	6.7	7.9	6.7	8.4
Finance, insurance, and real estate	202	317	2.7	4.3	2.2	4.4	3.0	4.3
Service industries	1,353	1,656	4.9	5.9	5.5	6.4	4.6	5.6
Professional services	511	665	3.4	4.3	3.4	4.9	3.4	4.0
Other service industries	842	992	6.9	8.0	7.0	7.4	6.7	8.5
Agricultural wage and salary workers	147	197	7.0	8.8	6.8	8.8	7.3	8.8
Government, self-employed, and unpaid family workers	720	781	2.5	2.7	2.4	2.5	2.7	2.9
No previous work experience	1,004	1,222	-	-	-	-	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Reason for unemployment	Total unemployed		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991
NUMBER OF UNEMPLOYED												
Total unemployed	6,702	8,774	2,829	3,947	2,393	3,113	1,480	1,713	4,890	6,635	1,534	1,847
Job losers	2,855	4,324	1,717	2,656	974	1,436	165	232	2,151	3,325	580	888
On layoff	766	1,118	444	665	298	403	23	50	593	911	140	184
Other job losers	2,089	3,205	1,273	1,990	675	1,033	142	182	1,559	2,413	440	704
Job leavers	923	1,008	438	389	329	417	156	202	701	796	186	176
Reentrants	1,977	2,304	592	761	938	1,052	447	491	1,416	1,709	488	505
New entrants	946	1,138	82	141	152	208	713	788	622	806	280	278
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
Job losers	42.6	49.3	60.7	67.3	40.7	46.1	11.1	13.5	44.0	50.1	37.8	48.1
On layoff	11.4	12.7	15.7	16.9	12.5	12.9	1.6	2.9	12.1	13.7	9.1	10.0
Other job losers	31.2	36.5	45.0	50.4	28.2	33.2	9.6	10.6	31.9	36.4	28.7	38.1
Job leavers	13.8	11.5	15.5	9.9	13.8	13.4	10.5	11.8	14.3	12.0	12.1	9.5
Reentrants	29.5	26.3	20.9	19.3	39.2	33.8	30.2	28.6	28.9	25.8	31.8	27.4
New entrants	14.1	13.0	2.9	3.6	6.3	6.7	48.2	46.0	12.7	12.1	18.2	15.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers	2.3	3.4	2.6	4.1	1.8	2.7	1.9	2.9	2.0	3.1	4.2	6.5
Job leavers .....	.7	.8	.7	.6	.6	.8	1.8	2.5	.6	.7	1.4	1.3
Reentrants	1.6	1.8	.9	1.2	1.8	2.0	5.2	6.0	1.3	1.6	3.6	3.7
New entrants .....	.7	.9	.1	.2	.3	.4	8.3	9.7	.6	.7	2.0	2.0

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

(Percent distribution)

Reason, sex, and age	June 1991						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	8,774	100.0	45.7	27.0	27.2	14.7	12.6
Job losers	4,324	100.0	32.7	29.7	37.6	20.7	17.0
On layoff	1,118	100.0	45.7	28.2	26.2	18.1	8.1
Other job losers	3,205	100.0	28.2	30.2	41.6	21.6	20.1
Job leavers	1,008	100.0	53.5	27.2	19.3	10.9	8.4
Reentrants	2,304	100.0	55.6	25.8	18.6	9.3	9.2
New entrants	1,138	100.0	68.5	19.4	12.1	5.9	6.2
Men, 20 years and over	3,947	100.0	34.1	28.3	37.6	18.7	19.0
Job losers	2,656	100.0	28.7	28.6	42.7	22.2	20.4
On layoff	665	100.0	41.7	28.9	29.4	20.3	9.2
Other job losers	1,990	100.0	24.4	28.5	47.1	22.9	24.2
Job leavers	389	100.0	44.7	30.1	25.1	11.4	13.7
Reentrants	761	100.0	44.9	27.7	27.4	11.5	15.9
New entrants	141	100.0	47.6	20.2	32.2	9.8	22.3
Women, 20 years and over	3,113	100.0	46.4	29.0	24.6	14.5	10.2
Job losers	1,436	100.0	36.5	31.2	32.3	19.1	13.2
On layoff	403	100.0	49.0	27.6	23.4	16.4	7.1
Other job losers	1,033	100.0	31.6	32.6	35.8	20.2	15.6
Job leavers	417	100.0	53.8	26.5	19.7	12.2	7.5
Reentrants	1,052	100.0	54.9	27.5	17.6	10.4	7.2
New entrants	208	100.0	57.3	25.6	17.0	7.3	9.8
Both sexes, 16 to 19 years	1,713	100.0	71.4	20.7	8.0	5.8	2.1
Job losers	232	100.0	54.7	32.2	13.1	12.4	.7
On layoff	50	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Other job losers	182	100.0	49.8	34.9	15.4	14.9	.4
Job leavers	202	100.0	69.8	22.9	7.3	7.2	.1
Reentrants	491	100.0	73.7	19.3	7.0	3.6	3.3
New entrants	788	100.0	75.2	17.5	7.2	4.9	2.3

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

A-16. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991
Total, 16 years and over	6,702	8,774	100.0	100.0	5,478	7,315	100.0	100.0
Less than 5 weeks	3,631	4,013	54.2	45.7	2,729	3,064	49.8	41.9
5 to 14 weeks	1,731	2,373	25.8	27.0	1,518	2,053	27.7	28.1
5 to 10 weeks	1,265	1,748	18.9	19.9	1,109	1,493	20.3	20.4
11 to 14 weeks	465	625	6.9	7.1	409	560	7.5	7.7
15 weeks and over	1,340	2,388	20.0	27.2	1,231	2,198	22.5	30.0
15 to 26 weeks	712	1,286	10.6	14.7	657	1,164	12.0	15.9
27 weeks and over	628	1,102	9.4	12.6	575	1,034	10.5	14.1
27 to 51 weeks	262	565	3.9	6.4	238	538	4.3	7.3
52 weeks and over	366	537	5.5	6.1	337	497	6.2	6.8
Average (mean) duration, in weeks	11.2	13.2	-	-	12.3	14.3	-	-
Median duration, in weeks	4.2	5.6	-	-	4.5	6.5	-	-

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Sex, age, race, and marital status	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
								June 1990	June 1991	June 1990	June 1991
June 1991											
Total, 16 years and over	8,774	4,013	2,373	1,286	1,102	13.2	5.6	54.2	45.7	20.0	27.2
16 to 19 years	1,713	1,223	354	100	37	5.6	3.2	79.1	71.4	4.7	8.0
20 to 24 years	1,631	860	460	184	128	10.1	4.3	59.6	52.7	14.4	19.1
25 to 34 years	2,309	910	714	370	316	13.9	7.1	47.8	39.4	22.8	29.7
35 to 44 years	1,640	557	482	320	282	16.6	9.4	41.9	33.9	28.8	36.7
45 to 54 years	877	284	222	176	195	19.9	9.9	38.9	32.4	33.6	42.3
55 to 64 years	491	135	103	122	130	23.0	15.2	31.4	27.6	35.5	51.4
65 years and over	114	44	38	16	15	15.5	7.9	(¹)	39.1	(¹)	27.3
Men, 16 years and over	4,886	1,990	1,322	799	774	15.2	6.9	51.3	40.7	23.0	32.2
16 to 19 years	939	645	205	63	26	6.2	3.3	80.6	68.7	4.0	9.4
20 to 24 years	889	433	250	123	83	11.4	4.7	59.1	48.7	16.8	23.2
25 to 34 years	1,275	445	380	216	234	16.1	8.4	45.1	34.9	25.6	35.3
35 to 44 years	924	256	270	195	203	19.4	12.1	37.0	27.6	32.3	43.1
45 to 54 years	494	124	129	112	129	23.0	13.7	31.1	25.0	41.1	48.7
55 to 64 years	312	72	63	83	94	25.2	17.5	27.9	23.1	39.9	56.6
65 years and over	53	17	23	7	6	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 16 years and over	3,887	2,023	1,050	487	328	10.7	4.3	57.5	52.0	16.6	21.0
16 to 19 years	774	578	149	37	11	4.9	3.0	77.6	74.7	5.4	6.2
20 to 24 years	742	427	209	60	45	8.5	3.9	60.3	57.6	11.4	14.2
25 to 34 years	1,034	465	333	154	82	11.3	5.7	50.9	45.0	19.7	22.8
35 to 44 years	716	301	211	125	78	13.0	6.6	47.1	42.1	25.1	28.4
45 to 54 years	383	160	93	64	66	15.8	7.0	49.1	41.8	24.1	34.0
55 to 64 years	178	63	40	39	36	19.0	7.3	38.3	35.5	26.7	42.2
65 years and over	61	28	15	9	9	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
White, 16 years and over	6,635	3,052	1,759	1,019	805	12.9	5.5	54.3	46.0	20.1	27.5
Men	3,741	1,525	1,015	629	573	14.8	6.8	50.9	40.8	23.7	32.1
Women	2,894	1,527	744	390	233	10.4	4.3	58.2	52.8	16.0	21.5
Black, 16 years and over	1,847	810	534	237	267	14.4	6.0	54.3	43.8	19.7	27.3
Men	987	392	268	151	177	16.7	7.4	52.5	39.7	21.2	33.2
Women	860	418	266	86	90	11.8	4.8	56.2	48.6	18.1	20.5
Men, 16 years and over:											
Married, spouse present	1,763	494	505	410	354	18.7	11.7	36.3	28.0	34.0	43.3
Widowed, divorced, or separated	585	183	159	115	128	18.9	9.9	43.1	31.3	28.3	41.5
Single (never married)	2,538	1,313	658	274	292	12.0	4.3	62.4	51.7	14.9	22.3
Women, 16 years and over:											
Married, spouse present	1,348	609	393	219	126	11.7	5.6	52.6	45.2	20.3	25.7
Widowed, divorced, or separated	787	371	209	122	86	12.4	5.3	51.5	47.1	22.4	26.3
Single (never married)	1,753	1,043	449	146	116	9.1	3.8	63.5	59.5	11.4	14.9

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

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

Occupation and industry	Thousands of persons					Weeks		Percent of unemployed in group			
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration	Unemployed less than 5 weeks		Unemployed 15 weeks and over	
	June 1991							June 1990	June 1991	June 1990	June 1991
OCCUPATION											
Managerial and professional specialty	927	315	291	173	149	15.8	8.6	45.6	34.0	24.5	34.7
Technical, sales, and administrative support	1,972	883	551	301	238	13.0	6.0	52.4	44.8	21.0	27.3
Service occupations	1,318	641	372	188	117	11.5	4.8	57.4	48.6	16.7	23.1
Precision production, craft, and repair	1,039	386	279	204	170	15.9	8.4	46.4	37.2	25.4	36.0
Operators, fabricators, and laborers	2,006	803	561	325	316	15.2	7.2	45.8	40.0	25.2	32.0
Farming, forestry, and fishing	256	128	70	28	29	12.4	4.5	55.6	50.0	20.5	22.7
INDUSTRY¹											
Agriculture	197	101	50	25	22	12.6	4.4	53.7	51.3	16.3	23.4
Construction	803	277	205	172	150	16.2	9.1	49.7	34.5	25.1	40.0
Manufacturing	1,557	573	437	318	228	15.6	8.2	36.1	36.8	27.3	35.1
Durable goods	953	314	262	226	151	16.7	9.7	35.2	32.9	28.2	39.6
Nondurable goods	604	259	175	91	77	13.9	6.1	37.4	42.9	26.1	28.0
Transportation and public utilities	404	142	120	72	71	15.7	8.6	41.6	35.1	27.2	35.4
Wholesale and retail trade	1,839	890	516	256	174	12.0	4.9	55.8	48.4	20.0	23.5
Finance and service industries	2,267	1,015	660	308	284	13.0	5.6	53.4	44.8	20.2	26.1
Public administration	170	54	55	25	36	17.9	9.8	55.6	31.8	19.4	35.3
No previous work experience	1,222	838	241	68	74	7.8	3.3	77.0	68.6	7.4	11.6

¹ Includes wage and salary workers only.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Sex, age, and race	June 1991								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	8,774	7,508	23.3	8.3	73.6	41.1	21.5	5.5	1.73
16 to 19 years	1,713	1,627	13.1	3.3	82.7	28.2	16.5	3.3	1.47
20 to 24 years	1,631	1,484	22.2	8.6	71.6	44.6	20.9	4.2	1.72
25 to 34 years	2,309	1,891	26.4	9.5	72.3	43.9	21.8	5.8	1.80
35 to 44 years	1,640	1,318	28.9	9.9	71.6	43.6	23.4	7.2	1.85
45 to 54 years	877	703	27.6	11.3	67.9	49.2	27.2	7.6	1.91
55 to 64 years	491	398	29.9	11.3	68.5	47.6	26.9	8.3	1.93
65 years and over	114	87	14.8	7.2	67.3	32.6	19.6	5.4	1.47
Men, 16 years and over	4,886	4,104	25.2	8.5	74.6	40.5	24.3	6.6	1.80
16 to 19 years	939	882	14.5	3.0	80.8	28.4	19.7	3.9	1.50
20 to 24 years	889	788	23.1	8.8	72.4	46.1	24.1	3.3	1.78
25 to 34 years	1,275	1,003	29.8	10.1	74.7	42.1	23.7	8.0	1.88
35 to 44 years	924	732	30.4	9.5	73.5	43.7	28.2	7.7	1.93
45 to 54 years	494	405	27.7	12.9	73.4	45.9	22.9	11.6	1.94
55 to 64 years	312	255	32.6	11.1	68.2	43.5	31.4	8.8	1.96
65 years and over	53	41	()	()	()	()	()	()	()
Women, 16 years and over	3,887	3,404	20.9	8.0	72.4	41.8	18.2	4.2	1.66
16 to 19 years	774	745	11.4	3.6	84.9	27.9	12.7	2.7	1.43
20 to 24 years	742	698	21.1	8.3	70.7	42.8	17.3	5.3	1.66
25 to 34 years	1,034	888	22.4	8.8	69.6	45.9	19.6	3.3	1.70
35 to 44 years	716	586	27.1	10.4	69.2	43.4	17.4	6.5	1.74
45 to 54 years	383	299	27.4	9.1	60.5	53.7	33.0	2.3	1.86
55 to 64 years	178	143	25.2	11.8	68.9	54.7	19.0	7.5	1.87
65 years and over	61	47	()	()	()	()	()	()	()
White, 16 years and over	6,635	5,586	23.5	8.1	74.6	43.4	22.1	5.4	1.77
Men	3,741	3,072	26.2	9.2	75.1	43.4	25.4	6.7	1.86
Women	2,894	2,515	20.1	6.9	74.0	43.4	18.1	3.8	1.66
Black, 16 years and over	1,847	1,658	23.0	8.6	71.5	31.8	19.2	5.3	1.59
Men	987	885	22.5	6.1	74.4	29.1	19.9	5.4	1.57
Women	860	773	23.5	11.4	68.3	35.0	18.4	5.2	1.62

Data not shown where base is less than 75,000.
NOTE: The jobseeker total is less than the total unemployed because it does not include persons on layoff or waiting to begin a new job within

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

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

Sex and reason	June 1991								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	8,774	7,508	23.3	8.3	73.6	41.1	21.5	5.5	1.73
Job losers ¹	4,324	3,164	31.3	9.2	72.2	45.5	26.0	6.1	1.90
Job leavers	1,008	967	22.8	11.0	75.1	44.6	17.6	2.8	1.74
Reentrants	2,304	2,265	18.2	7.8	73.0	38.8	17.8	6.7	1.62
New entrants	1,138	1,113	11.2	4.3	77.6	30.5	19.7	3.8	1.47
Men, 16 years and over	4,886	4,104	25.2	8.5	74.6	40.5	24.3	6.6	1.80
Job losers ¹	2,813	2,080	32.2	8.9	74.2	44.1	27.8	7.4	1.94
Job leavers	482	462	22.9	10.1	76.4	42.4	18.8	4.0	1.75
Reentrants	1,024	1,009	19.5	10.3	72.9	37.2	21.7	7.8	1.69
New entrants	568	553	11.3	2.5	77.9	31.9	20.3	3.3	1.47
Women, 16 years and over	3,887	3,404	20.9	8.0	72.4	41.8	18.2	4.2	1.66
Job losers ¹	1,511	1,084	29.6	9.8	68.5	48.3	22.6	3.6	1.82
Job leavers	527	504	22.7	11.8	73.9	46.5	16.4	1.6	1.73
Reentrants	1,280	1,256	17.1	5.7	73.0	40.1	14.7	5.7	1.56
New entrants	570	559	11.0	6.1	77.3	29.2	19.2	4.2	1.47

¹ Data on the number of jobseekers and the jobsearch methods used exclude persons on layoff.
NOTE: The jobseeker total is less than the total unemployed because it does not include persons on layoff or waiting to begin a new job within

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

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

(In thousands)

Industry and age	Total		Men		Women	
	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991
All industries	119,605	118,280	65,709	64,659	53,896	53,621
16 to 19 years	7,134	6,409	3,730	3,308	3,405	3,101
16 to 17 years	2,667	2,503	1,431	1,358	1,237	1,145
18 to 19 years	4,467	3,906	2,299	1,950	2,168	1,956
20 to 24 years	13,213	12,583	7,044	6,705	6,169	5,878
25 to 54 years	84,323	84,531	46,371	46,212	37,952	38,319
25 to 34 years	34,041	33,009	18,929	18,331	15,113	14,679
35 to 44 years	30,426	31,351	16,617	16,952	13,809	14,400
45 to 54 years	19,856	20,170	10,825	10,929	9,030	9,241
55 to 64 years	11,404	11,281	6,544	6,406	4,861	4,875
55 to 59 years	6,728	6,726	3,820	3,738	2,908	2,988
60 to 64 years	4,677	4,555	2,724	2,669	1,953	1,887
65 years and over	3,530	3,476	2,020	2,027	1,510	1,448
Agriculture	3,714	3,749	2,878	2,957	836	792
16 to 19 years	386	393	316	317	70	76
16 to 17 years	189	235	156	205	34	30
18 to 19 years	196	158	160	113	37	46
20 to 24 years	385	387	326	310	59	78
25 to 54 years	2,168	2,238	1,625	1,737	543	500
25 to 34 years	946	892	736	723	210	169
35 to 44 years	734	809	534	615	200	194
45 to 54 years	488	536	355	399	132	137
55 to 64 years	450	438	330	330	120	108
55 to 59 years	228	227	161	170	68	58
60 to 64 years	222	210	169	160	53	50
65 years and over	326	293	282	263	43	30
Nonagricultural industries	115,891	114,531	62,831	61,701	53,060	52,830
16 to 19 years	6,749	6,015	3,414	2,990	3,334	3,025
16 to 17 years	2,478	2,268	1,275	1,153	1,203	1,115
18 to 19 years	4,271	3,747	2,140	1,837	2,131	1,910
20 to 24 years	12,828	12,196	6,718	6,396	6,110	5,800
25 to 54 years	82,156	82,294	44,747	44,475	37,409	37,819
25 to 34 years	33,095	32,117	18,193	17,608	14,902	14,509
35 to 44 years	29,692	30,542	16,084	16,336	13,608	14,206
45 to 54 years	19,368	19,634	10,470	10,530	8,898	9,104
55 to 64 years	10,954	10,843	6,214	6,077	4,740	4,767
55 to 59 years	6,499	6,498	3,659	3,568	2,840	2,930
60 to 64 years	4,455	4,345	2,555	2,509	1,900	1,837
65 years and over	3,204	3,183	1,738	1,764	1,467	1,418

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991
Total	119,605	118,280	65,709	64,659	61,979	61,351	53,896	53,621	50,491	50,520
Managerial and professional specialty	30,546	30,661	16,755	16,542	16,620	16,447	13,790	14,119	13,670	14,008
Executive, administrative, and managerial	14,943	14,976	8,989	8,878	8,946	8,842	5,955	6,098	5,899	6,063
Officials and administrators, public administration	602	592	366	337	366	336	235	256	235	255
Other executive, administrative, and managerial	10,277	10,415	6,517	6,566	6,480	6,534	3,760	3,849	3,716	3,816
Management-related occupations	4,065	3,969	2,105	1,975	2,100	1,973	1,960	1,994	1,947	1,992
Professional specialty	15,602	15,685	7,766	7,664	7,674	7,605	7,836	8,021	7,772	7,945
Engineers	1,919	1,924	1,760	1,756	1,751	1,756	160	168	158	168
Mathematical and computer scientists	818	922	526	562	526	562	292	360	292	360
Natural scientists	397	408	306	305	306	305	91	104	91	104
Health diagnosing occupations	866	841	728	693	728	693	138	148	136	148
Health assessment and treating occupations	2,302	2,277	325	324	326	324	1,977	1,954	1,977	1,949
Teachers, college and university	682	640	422	392	419	392	260	247	260	246
Teachers, except college and university	3,703	3,742	988	937	961	925	2,714	2,806	2,681	2,780
Lawyers and judges	760	787	594	644	594	644	166	143	163	143
Other professional specialty occupations	4,156	4,143	2,117	2,052	2,064	2,004	2,038	2,091	2,013	2,047
Technical, sales, and administrative support	36,811	36,392	13,016	12,827	12,329	12,129	23,796	23,565	22,043	22,020
Technicians and related support	3,966	3,792	2,008	1,932	1,976	1,911	1,958	1,860	1,929	1,839
Health technologists and technicians	1,320	1,414	224	239	219	230	1,096	1,175	1,081	1,169
Engineering and science technicians	1,279	1,224	998	989	982	980	281	235	272	229
Technicians, except health, engineering, and science	1,366	1,154	785	704	775	701	581	450	576	441
Sales occupations	14,229	14,097	7,213	7,162	6,782	6,713	7,017	6,935	5,942	5,988
Supervisors and proprietors	3,739	3,736	2,448	2,450	2,421	2,422	1,292	1,285	1,269	1,261
Sales representatives, finance and business services	2,439	2,376	1,414	1,357	1,403	1,344	1,025	1,018	992	978
Sales representatives, commodities, except retail	1,638	1,600	1,281	1,233	1,275	1,223	357	367	346	362
Sales workers, retail and personal services	6,333	6,317	2,038	2,101	1,654	1,703	4,294	4,216	3,292	3,341
Sales-related occupations	81	69	31	21	29	21	49	48	43	46
Administrative support, including clerical	18,616	18,503	3,795	3,732	3,571	3,505	14,821	14,771	14,172	14,193
Supervisors	774	778	351	330	349	329	423	448	422	448
Computer equipment operators	829	769	270	295	264	286	559	473	549	452
Secretaries, stenographers, and typists	4,654	4,539	87	65	78	63	4,567	4,474	4,370	4,361
Financial records processing	2,364	2,429	208	264	201	251	2,157	2,165	2,125	2,142
Mail and message distributing	937	924	603	583	572	541	334	340	321	318
Other administrative support, including clerical	9,058	9,065	2,277	2,194	2,107	2,036	6,781	6,871	6,385	6,471
Service occupations	16,062	16,320	6,391	6,607	5,388	5,749	9,672	9,713	8,461	8,581
Private household	824	876	32	37	21	32	792	839	650	693
Protective service	1,988	2,291	1,691	1,895	1,614	1,831	297	396	255	325
Service, except private household and protective	13,251	13,153	4,668	4,675	3,753	3,886	8,583	8,478	7,556	7,562
Food service	5,576	5,376	2,220	2,184	1,552	1,614	3,356	3,192	2,661	2,588
Health service	2,119	2,194	223	266	208	237	1,896	1,928	1,812	1,826
Cleaning and building service	3,086	3,092	1,748	1,736	1,585	1,618	1,339	1,356	1,262	1,296
Personal service	2,469	2,491	477	489	408	418	1,992	2,002	1,822	1,853
Precision production, craft, and repair	13,877	13,484	12,666	12,291	12,304	12,047	1,211	1,193	1,175	1,166
Mechanics and repairers	4,390	4,472	4,215	4,290	4,119	4,222	175	182	166	180
Construction trades	5,412	5,017	5,304	4,919	5,111	4,796	109	98	104	91
Other precision production, craft, and repair	4,074	3,994	3,147	3,081	3,074	3,029	927	913	905	896
Operators, fabricators, and laborers	18,121	17,245	13,378	12,891	12,293	11,932	4,743	4,353	4,523	4,138
Machine operators, assemblers, and inspectors	8,401	7,826	4,959	4,684	4,758	4,514	3,442	3,141	3,328	3,047
Manufacturing industries	6,875	6,372	4,052	3,752	3,892	3,649	2,823	2,620	2,738	2,555
Durable goods	3,812	3,498	2,629	2,422	2,546	2,365	1,183	1,076	1,149	1,048
Nondurable goods	3,063	2,874	1,422	1,330	1,346	1,284	1,640	1,544	1,589	1,507
Nonmanufacturing industries	1,527	1,454	908	932	866	865	619	521	589	493
Transportation and material moving occupations	4,763	4,756	4,343	4,340	4,202	4,246	420	416	414	405
Motor vehicle operators	3,508	3,574	3,133	3,204	3,020	3,124	375	370	370	362
Other transportation and material moving occupations	1,256	1,182	1,211	1,136	1,182	1,122	45	46	44	43
Handlers, equipment cleaners, helpers, and laborers	4,956	4,663	4,076	3,867	3,332	3,171	881	796	781	686
Construction laborers	891	772	870	748	763	662	21	23	21	21
Other handlers, equipment cleaners, helpers, and laborers	4,065	3,891	3,206	3,119	2,568	2,510	860	772	761	664
Farming, forestry, and fishing	4,188	4,178	3,503	3,501	3,045	3,047	685	678	619	608
Farm operators and managers	1,990	1,370	1,171	1,146	1,157	1,140	219	224	216	224
Other farming, forestry, and fishing occupations	2,798	2,808	2,333	2,354	1,889	1,907	466	454	403	384

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	June 1990	June 1991	June 1990	June 1991	June 1990	June 1991
TOTAL						
Total, 16 years and over (thousands)	119,605	118,280	65,709	64,659	53,896	53,621
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	25.5	25.9	25.5	25.6	25.6	26.3
Executive, administrative, and managerial	12.5	12.7	13.7	13.7	11.0	11.4
Professional specialty	13.0	13.3	11.8	11.9	14.5	15.0
Technical, sales, and administrative support	30.8	30.8	19.8	19.8	44.2	43.9
Technicians and related support	3.3	3.2	3.1	3.0	3.6	3.5
Sales occupations	11.9	11.9	11.0	11.1	13.0	12.9
Administrative support, including clerical	15.6	15.6	5.8	5.8	27.5	27.5
Service occupations	13.4	13.8	9.7	10.2	17.9	18.1
Private household .....	.7	.7	-	.1	1.5	1.6
Protective service	1.7	1.9	2.6	2.9	.6	.7
Service, except private household and protective	11.1	11.1	7.1	7.2	15.9	15.8
Precision production, craft, and repair	11.6	11.4	19.3	19.0	2.2	2.2
Operators, fabricators, and laborers	15.2	14.6	20.4	19.9	8.8	8.1
Machine operators, assemblers, and inspectors	7.0	6.6	7.5	7.2	6.4	5.9
Transportation and material moving occupations	4.0	4.0	6.6	6.7	.8	.8
Handlers, equipment cleaners, helpers, and laborers	4.1	3.9	6.2	6.0	1.6	1.5
Farming, forestry, and fishing	3.5	3.5	5.3	5.4	1.3	1.3
White						
Total, 16 years and over (thousands)	103,638	102,356	57,561	56,514	46,077	45,841
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	26.6	27.0	26.7	26.7	26.5	27.4
Executive, administrative, and managerial	13.2	13.4	14.5	14.6	11.6	11.9
Professional specialty	13.4	13.6	12.2	12.1	14.9	15.5
Technical, sales, and administrative support	31.1	31.1	19.9	20.0	45.0	44.8
Technicians and related support	3.3	3.2	3.1	2.9	3.6	3.4
Sales occupations	12.4	12.5	11.5	11.7	13.5	13.4
Administrative support, including clerical	15.3	15.5	5.3	5.4	27.9	28.0
Service occupations	12.3	12.6	8.7	9.1	16.8	16.8
Private household .....	.6	.6	-	-	1.2	1.4
Protective service	1.5	1.8	2.4	2.7	.5	.7
Service, except private household and protective	10.2	10.1	6.3	6.3	15.0	14.8
Precision production, craft, and repair	12.0	11.8	19.9	19.6	2.1	2.2
Operators, fabricators, and laborers	14.4	13.9	19.3	19.1	8.2	7.4
Machine operators, assemblers, and inspectors	6.6	6.2	7.2	7.1	5.9	5.2
Transportation and material moving occupations	3.8	3.8	6.2	6.3	.8	.8
Handlers, equipment cleaners, helpers, and laborers	4.0	3.8	5.8	5.8	1.6	1.4
Farming, forestry, and fishing	3.7	3.7	5.6	5.5	1.4	1.4
Black						
Total, 16 years and over (thousands)	12,118	11,914	6,050	5,937	6,068	5,977
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	15.5	16.2	12.3	13.5	18.6	18.9
Executive, administrative, and managerial	6.6	6.8	5.9	6.2	7.3	7.4
Professional specialty	8.8	9.4	6.4	7.2	11.3	11.5
Technical, sales, and administrative support	28.5	28.2	17.8	17.5	39.1	38.8
Technicians and related support	2.9	2.8	2.3	2.5	3.5	3.1
Sales occupations	7.8	7.9	5.8	5.9	9.8	9.9
Administrative support, including clerical	17.7	17.4	9.7	9.1	25.8	25.7
Service occupations	22.6	23.7	18.5	19.8	26.8	27.6
Private household	1.6	1.6	.1	.2	3.2	3.0
Protective service	2.8	3.3	4.7	5.2	1.0	1.5
Service, except private household and protective	18.1	18.8	13.6	14.4	22.6	23.0
Precision production, craft, and repair	9.3	8.9	15.8	15.5	2.8	2.4
Operators, fabricators, and laborers	22.2	20.6	32.0	29.3	12.3	11.9
Machine operators, assemblers, and inspectors	10.1	9.1	10.7	9.1	9.5	9.2
Transportation and material moving occupations	6.1	6.3	11.2	11.6	1.0	1.1
Handlers, equipment cleaners, helpers, and laborers	6.0	5.1	10.1	8.6	1.8	1.6
Farming, forestry, and fishing	2.0	2.4	3.7	4.4	.4	.4

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	June 1991								
	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self-employed workers	Unpaid family workers	Wage and salary workers	Self-employed workers	Unpaid family workers
	Total	Private household workers	Government	Other					
Total, 16 years and over	105,272	1,110	17,451	86,711	9,004	255	2,035	1,557	157
16 to 19 years	5,938	213	371	5,354	69	8	303	48	42
16 to 17 years	2,229	137	127	1,966	36	3	172	35	28
18 to 19 years	3,709	76	245	3,389	33	5	132	12	14
20 to 24 years	11,909	149	1,030	10,730	272	15	313	60	15
25 to 34 years	30,153	170	4,099	25,884	1,922	43	548	320	24
35 to 44 years	27,645	162	5,632	21,852	2,835	62	422	365	22
45 to 54 years	17,514	149	3,888	13,477	2,055	66	227	293	17
55 to 64 years	9,639	178	2,038	7,424	1,177	27	150	261	27
55 to 59 years	5,808	88	1,230	4,490	672	18	82	126	19
60 to 64 years	3,831	89	808	2,935	504	10	68	135	7
65 years and over	2,474	91	394	1,989	676	33	71	210	11
Men, 16 years and over	55,858	192	8,174	47,493	5,811	32	1,595	1,295	68
16 to 19 years	2,953	61	171	2,720	32	5	238	45	35
16 to 17 years	1,137	41	57	1,039	14	2	145	35	24
18 to 19 years	1,816	20	114	1,682	19	2	92	9	11
20 to 24 years	6,226	30	493	5,703	162	9	247	50	12
25 to 34 years	16,371	28	1,933	14,409	1,231	6	436	280	7
35 to 44 years	14,520	23	2,521	11,976	1,813	4	326	287	2
45 to 54 years	9,241	23	1,823	7,395	1,285	4	172	226	2
55 to 64 years	5,273	22	1,056	4,194	804	-	113	213	4
55 to 59 years	3,126	12	624	2,490	442	-	59	107	4
60 to 64 years	2,146	10	433	1,703	362	-	53	106	-
65 years and over	1,275	4	175	1,096	484	5	64	194	5
Women, 16 years and over	49,414	918	9,277	39,218	3,193	223	440	262	90
16 to 19 years	2,985	151	200	2,634	37	3	66	3	7
16 to 17 years	1,092	96	69	927	23	-	26	-	4
18 to 19 years	1,893	55	131	1,707	15	2	39	3	3
20 to 24 years	5,683	119	536	5,028	110	7	65	10	2
25 to 34 years	13,781	141	2,165	11,475	690	37	113	40	17
35 to 44 years	13,125	139	3,111	9,876	1,022	58	97	78	19
45 to 54 years	8,273	126	2,065	6,082	770	62	55	67	15
55 to 64 years	4,367	155	981	3,230	372	28	37	48	23
55 to 59 years	2,682	76	606	1,999	230	18	23	19	16
60 to 64 years	1,685	79	375	1,231	142	10	14	29	7
65 years and over	1,199	86	219	894	191	28	7	16	7

A-25. Employed civilians by industry and occupation

(In thousands)

Industry	June 1991												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture	3,749	92	69	40	27	113	-	12	22	12	58	14	3,289
Mining	722	132	48	31	6	70	-	8	226	31	127	42	-
Construction	7,456	1,000	158	58	81	392	-	34	4,205	109	518	861	40
Manufacturing	20,578	2,460	1,812	735	737	2,357	-	336	3,891	6,372	754	1,038	87
Durable goods	12,148	1,469	1,188	489	309	1,317	-	175	2,704	3,498	406	516	78
Nondurable goods	8,429	991	624	246	429	1,040	-	161	1,186	2,874	348	522	9
Transportation and public utilities	8,222	923	511	326	343	2,121	-	287	1,324	145	1,737	484	19
Wholesale and retail trade	24,179	2,187	436	118	9,949	2,320	-	4,554	1,501	326	1,035	1,711	40
Wholesale trade	4,643	528	60	33	1,866	790	-	38	327	146	477	363	17
Retail trade	19,535	1,658	376	85	8,084	1,530	-	4,517	1,175	181	559	1,348	23
Finance, insurance, and real estate	7,862	2,013	218	119	1,883	3,026	-	270	181	18	19	18	98
Services	39,786	4,994	11,669	2,152	1,046	6,586	876	8,424	1,868	760	438	453	521
Private households	1,122	1	5	2	-	4	876	77	16	-	1	21	120
Other service industries	38,665	4,993	11,664	2,150	1,047	6,582	-	8,347	1,852	761	437	433	401
Professional services	25,052	2,700	10,172	1,739	149	4,774	-	4,536	342	197	250	87	108
Public administration	5,727	1,175	764	214	23	1,518	-	1,519	266	53	70	41	85

¹ Includes protective service, not shown separately.

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

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
	June 1990	June 1991	Total		Wage and salary workers ¹			
			June 1990	June 1991	Paid absences		Unpaid absences	
					June 1990	June 1991	June 1990	June 1991
Total, 16 years and over	7,946	7,798	7,828	7,655	4,427	4,245	2,774	2,800
Vacation	5,387	5,264	5,312	5,205	3,546	3,433	1,433	1,448
Illness	1,230	1,230	1,217	1,199	510	484	638	614
Bad weather	24	37	18	26	(²)	(²)	(²)	(²)
Industrial dispute	19	16	19	16	(²)	(²)	(²)	(²)
All other reasons	1,286	1,252	1,263	1,208	370	328	703	738
Men, 16 years and over	3,318	3,312	3,228	3,193	1,986	1,905	935	952
Vacation	2,205	2,150	2,149	2,101	1,593	1,528	402	410
Illness	628	641	614	616	268	271	307	286
All other reasons ³	485	523	465	476	125	106	226	256
Women, 16 years and over	4,628	4,486	4,600	4,461	2,441	2,339	1,839	1,849
Vacation	3,182	3,114	3,163	3,104	1,953	1,905	1,031	1,039
Illness	602	589	603	583	243	213	331	329
All other reasons ³	843	783	833	775	246	221	477	482

¹ Excludes private household workers.

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

³ Includes bad weather and industrial dispute, not shown separately.
NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Hours of work	June 1991					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	110,482	3,605	106,877	100.0	100.0	100.0
1 to 34 hours	25,529	916	24,613	23.1	25.4	23.0
1 to 4 hours	761	49	712	.7	1.4	.7
5 to 14 hours	4,015	157	3,858	3.6	4.4	3.6
15 to 29 hours	12,876	480	12,396	11.7	13.3	11.6
30 to 34 hours	7,878	231	7,647	7.1	6.4	7.2
35 hours and over	84,952	2,689	82,263	76.9	74.6	77.0
35 to 39 hours	7,489	167	7,321	6.8	4.6	6.8
40 hours	45,035	774	44,260	40.8	21.5	41.4
41 hours and over	32,429	1,747	30,682	29.4	48.5	28.7
41 to 48 hours	11,467	283	11,184	10.4	7.9	10.5
49 to 59 hours	11,746	416	11,331	10.6	11.5	10.6
60 hours and over	9,216	1,048	8,168	8.3	29.1	7.6
Average hours, total at work	39.6	46.1	39.3	-	-	-
Average hours, workers on full-time schedules	43.8	53.4	43.4	-	-	-

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

(Numbers in thousands)

Reason for working less than 35 hours	June 1991					
	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	25,529	7,691	17,838	24,613	7,464	17,149
Economic reasons	6,281	2,231	4,049	5,962	2,147	3,816
Slack work	3,023	1,794	1,229	2,845	1,712	1,133
Material shortages or repairs to plant and equipment	45	45	-	45	45	-
New job started during week	284	284	-	283	283	-
Job terminated during week	107	107	-	106	106	-
Could find only part-time work	2,820	-	2,820	2,682	-	2,682
Other reasons	19,249	5,460	13,789	18,650	5,317	13,333
Does not want, or unavailable for, full-time work	11,102	-	11,102	10,748	-	10,748
Vacation	2,365	2,365	-	2,328	2,328	-
Illness	1,248	1,091	157	1,224	1,078	146
Bad weather	223	223	-	178	178	-
Industrial dispute	11	11	-	11	11	-
Legal or religious holiday	98	98	-	97	97	-
Full time for this job	1,689	-	1,689	1,638	-	1,638
All other reasons	2,515	1,674	841	2,428	1,627	801
Average hours:						
Economic reasons	21.9	24.1	20.6	22.0	24.1	20.9
Other reasons	21.7	25.7	20.1	21.7	25.8	20.1
Worked 30 to 34 hours:						
Economic reasons	2,031	1,021	1,010	1,954	978	976
Other reasons	5,848	2,858	2,990	5,694	2,795	2,899

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Industry	June 1991								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over	106,877	5,962	13,333	87,581	56,899	11,184	19,499	39.3	43.4
Wage and salary workers	98,184	5,207	11,795	81,181	54,092	10,573	16,517	39.2	43.0
Mining	653	13	6	634	315	98	221	47.1	47.7
Construction	5,772	473	208	5,091	3,425	631	1,035	40.4	42.9
Manufacturing	19,178	544	587	18,048	11,575	3,026	3,448	42.1	43.3
Durable goods	11,313	236	251	10,826	6,880	1,836	2,110	42.5	43.4
Nondurable goods	7,865	308	335	7,222	4,695	1,190	1,338	41.4	43.0
Transportation and public utilities	7,341	236	402	6,703	4,311	880	1,513	41.8	43.8
Wholesale and retail trade	21,096	1,855	4,250	14,991	9,064	2,128	3,799	37.5	44.1
Finance, insurance, and real estate	6,880	135	601	6,144	4,243	745	1,157	40.0	42.4
Service industries	31,833	1,889	5,482	24,462	17,401	2,506	4,554	37.2	42.3
Private households	1,081	222	429	429	296	46	87	26.9	43.7
All other industries	30,752	1,667	5,053	24,032	17,105	2,460	4,467	37.6	42.3
Public administration	5,430	62	260	5,108	3,758	559	790	40.9	42.2
Self-employed workers	8,438	750	1,433	6,255	2,727	592	2,935	40.8	48.5
Unpaid family workers	255	5	106	144	80	18	47	35.9	46.9

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Sex, age, race, and marital status	June 1991							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
TOTAL								
Total, 16 years and over	106,877	5,962	13,333	87,581	56,899	30,682	39.3	43.4
16 to 19 years	5,746	950	2,436	2,360	1,860	501	27.8	40.3
16 to 17 years	2,141	385	1,327	429	351	78	21.8	39.3
18 to 19 years	3,605	564	1,109	1,932	1,509	423	31.4	40.5
20 years and over	101,131	5,013	10,898	85,220	55,039	30,182	40.0	43.5
20 to 24 years	11,740	987	1,706	9,047	6,506	2,541	37.6	42.2
25 years and over	89,391	4,026	9,192	76,173	48,533	27,641	40.3	43.7
25 to 44 years	58,451	2,700	4,902	50,849	31,732	19,117	40.9	43.8
45 to 64 years	28,034	1,184	2,814	24,036	15,863	8,173	40.3	43.5
65 years and over	2,906	143	1,475	1,288	937	352	28.4	42.2
Men, 16 years and over	58,508	2,987	3,757	51,764	30,002	21,761	42.2	44.9
16 to 19 years	2,870	481	1,087	1,302	998	304	29.0	41.0
16 to 17 years	1,093	215	628	250	212	38	22.4	38.9
18 to 19 years	1,777	267	459	1,052	786	266	33.0	41.5
20 years and over	55,638	2,506	2,670	50,462	29,005	21,457	42.8	45.0
20 to 24 years	6,200	499	628	5,072	3,386	1,686	39.4	43.2
25 years and over	49,438	2,007	2,042	45,389	25,618	19,771	43.3	45.2
25 to 44 years	32,283	1,401	688	30,194	16,508	13,686	44.0	45.5
45 to 64 years	15,522	537	592	14,393	8,556	5,837	43.2	44.9
65 years and over	1,633	69	762	802	555	247	30.1	43.0
Women, 16 years and over	48,368	2,975	9,576	35,817	26,896	8,921	35.9	41.3
16 to 19 years	2,876	468	1,349	1,059	862	196	26.7	39.5
16 to 17 years	1,048	171	699	179	139	39	21.2	39.9
18 to 19 years	1,828	298	650	880	723	157	29.8	39.4
20 years and over	45,493	2,507	8,227	34,759	26,034	8,724	36.5	41.4
20 to 24 years	5,540	488	1,077	3,975	3,120	855	35.6	40.9
25 years and over	39,953	2,019	7,150	30,784	22,914	7,869	36.7	41.4
25 to 44 years	26,168	1,297	4,214	20,657	15,227	5,430	37.2	41.5
45 to 64 years	12,512	647	2,223	9,642	7,305	2,337	36.7	41.4
65 years and over	1,273	74	713	486	382	104	26.3	40.9
RACE								
White, 16 years and over	92,188	4,941	11,950	75,297	47,546	27,752	39.4	43.7
Men	51,055	2,501	3,285	45,268	25,413	19,855	42.4	45.2
Women	41,133	2,439	8,665	30,030	22,132	7,897	35.8	41.4
Black, 16 years and over	10,963	840	944	9,179	7,151	2,028	38.5	41.8
Men	5,422	395	312	4,715	3,404	1,311	40.2	43.0
Women	5,541	445	632	4,464	3,746	717	36.8	40.5
MARITAL STATUS								
Men, 16 years and over:								
Married, spouse present	36,680	1,100	1,440	34,140	18,842	15,299	43.8	45.5
Widowed, divorced, or separated	6,278	461	274	5,544	3,220	2,324	42.4	45.2
Single (never married)	15,550	1,427	2,044	12,079	7,941	4,138	38.3	43.3
Women, 16 years and over:								
Married, spouse present	26,100	1,187	5,740	19,172	14,592	4,580	35.6	41.1
Widowed, divorced, or separated	9,771	641	1,214	7,916	5,717	2,200	37.9	41.9
Single (never married)	12,498	1,147	2,622	8,729	6,588	2,141	35.0	41.3

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Occupation and sex	June 1991								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total, 16 years and over ¹	106,464	5,846	13,278	87,341	56,665	11,187	19,490	39.4	43.5
Managerial and professional specialty	27,746	618	2,372	24,756	14,187	3,153	7,416	41.9	44.6
Executive, administrative, and managerial	14,324	203	714	13,408	7,081	1,763	4,564	44.0	45.5
Professional specialty	13,422	415	1,658	11,348	7,106	1,390	2,852	39.7	43.4
Technical, sales, and administrative support	34,371	1,564	5,612	27,195	18,684	3,354	5,156	38.1	42.7
Technicians and related support	3,550	75	377	3,099	2,128	422	549	40.0	42.7
Sales occupations	13,384	889	2,505	9,991	5,275	1,378	3,337	39.3	45.6
Administrative support, including clerical	17,436	600	2,731	14,105	11,282	1,554	1,270	36.8	40.6
Service occupations	15,241	1,718	3,709	9,814	7,128	975	1,711	34.7	42.5
Private household	849	155	342	352	239	46	67	28.1	43.7
Protective service	2,136	71	175	1,891	1,120	285	486	42.4	45.1
Service, except private household and protective	12,256	1,492	3,193	7,571	5,769	644	1,157	33.9	41.8
Precision production, craft, and repair	12,850	849	431	11,570	7,404	1,680	2,486	41.4	43.7
Operators, fabricators, and laborers	16,258	1,097	1,154	14,006	9,262	2,024	2,721	40.4	43.5
Machine operators, assemblers, and inspectors	7,417	405	269	6,744	4,749	1,064	931	40.7	42.5
Transportation and material moving occupations	4,388	191	283	3,914	2,106	479	1,329	43.5	46.3
Handlers, equipment cleaners, helpers, and laborers	4,452	502	601	3,349	2,407	481	461	36.9	42.0
Men, 16 years and over ¹	57,993	2,875	3,658	51,460	29,749	7,101	14,610	42.3	44.9
Managerial and professional specialty	15,516	298	670	14,548	7,115	1,950	5,483	44.7	46.3
Executive, administrative, and managerial	8,522	112	259	8,151	3,650	1,100	3,401	45.9	47.0
Professional specialty	6,994	186	412	6,397	3,465	849	2,082	43.3	45.5
Technical, sales, and administrative support	12,256	428	1,000	10,828	5,874	1,531	3,423	42.7	45.6
Technicians and related support	1,823	46	97	1,679	1,087	238	355	41.5	43.3
Sales occupations	6,880	265	601	6,013	2,544	881	2,587	44.5	47.9
Administrative support, including clerical	3,553	116	301	3,136	2,243	412	481	39.8	42.4
Service occupations	6,253	583	925	4,744	3,258	507	979	38.2	43.6
Private household	35	6	12	17	14	3	1	(²)	(²)
Protective service	1,771	54	108	1,610	919	248	442	43.5	45.6
Service, except private household and protective	4,447	524	806	3,117	2,325	256	536	36.2	42.6
Precision production, craft, and repair	11,728	784	314	10,630	6,730	1,541	2,359	41.7	43.8
Operators, fabricators, and laborers	12,240	782	748	10,710	6,772	1,572	2,366	41.3	44.1
Machine operators, assemblers, and inspectors	4,474	191	89	4,194	2,819	711	664	41.9	43.1
Transportation and material moving occupations	4,058	162	206	3,690	1,960	453	1,278	44.1	46.5
Handlers, equipment cleaners, helpers, and laborers	3,708	430	454	2,825	1,993	408	424	37.4	42.4
Women, 16 years and over ¹	48,472	2,971	9,620	35,881	26,916	4,085	4,880	35.9	41.3
Managerial and professional specialty	12,229	320	1,702	10,208	7,072	1,204	1,932	38.4	42.0
Executive, administrative, and managerial	5,802	90	455	5,256	3,431	663	1,163	41.2	43.2
Professional specialty	6,428	230	1,247	4,952	3,641	541	770	35.8	40.7
Technical, sales, and administrative support	22,115	1,136	4,613	16,366	12,810	1,823	1,733	35.6	40.8
Technicians and related support	1,728	29	280	1,419	1,041	184	194	38.4	42.0
Sales occupations	6,504	623	1,903	3,978	2,731	497	751	33.9	42.1
Administrative support, including clerical	13,883	484	2,430	10,969	9,039	1,142	788	36.1	40.2
Service occupations	8,988	1,134	2,784	5,070	3,870	468	732	32.3	41.5
Private household	814	150	330	335	225	43	66	28.0	43.8
Protective service	365	17	67	281	201	36	44	37.3	42.5
Service, except private household and protective	7,809	968	2,387	4,453	3,444	388	621	32.5	41.3
Precision production, craft, and repair	1,121	65	116	940	674	139	127	38.6	42.0
Operators, fabricators, and laborers	4,017	315	405	3,297	2,490	451	356	37.8	41.3
Machine operators, assemblers, and inspectors	2,943	213	180	2,549	1,929	353	267	38.9	41.4
Transportation and material moving occupations	330	29	78	224	147	26	51	35.8	43.0
Handlers, equipment cleaners, helpers, and laborers	744	73	148	524	414	73	37	34.3	39.9

¹ Excludes farming, forestry, and fishing occupations.

² Data not shown where base is less than 75,000.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status and sex	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
TOTAL													
Noninstitutional population ¹	189,607	189,763	189,901	190,002	190,095	190,312	190,483	190,592	190,717	190,703	190,836	190,980	191,173
Labor force ²	126,427	126,336	126,345	126,571	126,445	126,338	126,791	126,253	126,678	126,786	127,128	126,690	127,134
Percent of population ²	66.7	66.6	66.5	66.6	66.5	66.4	66.6	66.2	66.4	66.5	66.6	66.3	66.5
Total employed ³	119,867	119,509	119,330	119,484	119,303	119,001	119,191	118,537	118,520	118,214	118,854	118,049	118,389
Employment-population ratio ³	63.2	63.0	62.8	62.9	62.8	62.5	62.6	62.2	62.1	62.0	62.3	61.8	61.9
Resident Armed Forces	1,630	1,627	1,640	1,601	1,570	1,615	1,617	1,615	1,602	1,460	1,456	1,458	1,505
Civilian employed	118,237	117,882	117,690	117,883	117,733	117,386	117,574	116,922	116,918	116,754	117,398	116,591	116,884
Agriculture	3,279	3,108	3,152	3,194	3,175	3,185	3,253	3,163	3,222	3,098	3,156	3,272	3,308
Nonagricultural industries	114,958	114,774	114,538	114,689	114,558	114,201	114,321	113,759	113,696	113,656	114,243	113,319	113,576
Unemployed	6,560	6,827	7,015	7,087	7,142	7,337	7,600	7,715	8,158	8,572	8,274	8,640	8,745
Unemployment rate ⁴	5.2	5.4	5.6	5.6	5.6	5.8	6.0	6.1	6.4	6.8	6.5	6.8	6.9
Not in labor force	63,180	63,427	63,556	63,431	63,650	63,974	63,692	64,339	64,039	63,917	63,708	64,291	64,039
Men													
Noninstitutional population ¹	91,087	91,168	91,240	91,271	91,299	91,440	91,537	91,590	91,650	91,587	91,652	91,720	91,839
Labor force ²	69,609	69,523	69,552	69,814	69,804	69,899	70,058	69,543	69,749	69,808	69,855	69,704	69,793
Percent of population ²	76.4	76.3	76.2	76.5	76.5	76.4	76.5	75.9	76.1	76.2	76.2	76.0	76.0
Total employed ³	65,964	65,728	65,663	65,853	65,822	65,790	65,781	65,251	65,043	64,846	65,112	64,746	64,750
Employment-population ratio ³	72.4	72.1	72.0	72.2	72.1	71.9	71.9	71.2	71.0	70.8	71.0	70.6	70.5
Resident Armed Forces	1,465	1,462	1,475	1,441	1,414	1,453	1,454	1,453	1,439	1,314	1,310	1,303	1,345
Civilian employed	64,499	64,266	64,188	64,412	64,408	64,337	64,327	63,798	63,604	63,532	63,802	63,443	63,405
Unemployed	3,645	3,795	3,889	3,961	3,982	4,109	4,277	4,292	4,706	4,962	4,743	4,957	5,043
Unemployment rate ⁴	5.2	5.5	5.6	5.7	5.7	5.9	6.1	6.2	6.7	7.1	6.8	7.1	7.2
Not in labor force	21,478	21,645	21,688	21,457	21,495	21,541	21,479	22,047	21,901	21,779	21,797	22,017	22,046
Women													
Noninstitutional population ¹	98,520	98,595	98,661	98,731	98,796	98,872	98,946	99,002	99,067	99,116	99,184	99,260	99,334
Labor force ²	56,818	56,813	56,793	56,757	56,641	56,439	56,733	56,710	56,929	56,978	57,273	56,986	57,341
Percent of population ²	57.7	57.6	57.6	57.5	57.3	57.1	57.3	57.3	57.5	57.5	57.7	57.4	57.7
Total employed ³	53,903	53,781	53,667	53,631	53,481	53,211	53,410	53,267	53,477	53,368	53,742	53,303	53,639
Employment-population ratio ³	54.7	54.5	54.4	54.3	54.1	53.8	54.0	53.8	54.0	53.8	54.2	53.7	54.0
Resident Armed Forces	165	165	165	160	156	162	163	162	163	146	146	155	160
Civilian employed	53,738	53,616	53,502	53,471	53,325	53,049	53,247	53,125	53,314	53,222	53,596	53,148	53,479
Unemployed	2,915	3,032	3,126	3,126	3,160	3,228	3,323	3,423	3,452	3,610	3,531	3,683	3,702
Unemployment rate ⁴	5.1	5.3	5.5	5.5	5.6	5.7	5.9	6.0	6.1	6.3	6.2	6.5	6.5
Not in labor force	41,702	41,782	41,868	41,974	42,155	42,433	42,213	42,292	42,138	42,138	41,911	42,274	41,993

¹ Includes members of the Armed Forces stationed in the United States.

² Labor force as a percent of the noninstitutional population.

³ Total employment as a percent of the noninstitutional population.

⁴ Unemployment as a percent of the labor force (including the resident

Armed Forces).

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, sex, and age	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
TOTAL													
Civilian noninstitutional population ¹	187,977	188,136	188,261	188,401	188,525	188,697	188,866	188,977	189,115	189,243	189,380	189,522	189,668
Civilian labor force	124,797	124,709	124,705	124,970	124,875	124,723	125,174	124,638	125,076	125,326	125,672	125,232	125,629
Percent of population	66.4	66.3	66.2	66.3	66.2	66.1	66.3	66.0	66.1	66.2	66.4	66.1	66.2
Employed	118,237	117,882	117,690	117,883	117,733	117,386	117,574	116,922	116,918	116,754	117,398	116,591	116,884
Employment-population ratio ²	62.9	62.7	62.5	62.6	62.4	62.2	62.3	61.9	61.8	61.7	62.0	61.5	61.6
Unemployed	6,560	6,827	7,015	7,087	7,142	7,337	7,600	7,715	8,158	8,572	8,274	8,640	8,745
Unemployment rate	5.3	5.5	5.6	5.7	5.7	5.9	6.1	6.2	6.5	6.8	6.6	6.9	7.0
Men, 16 years and over													
Civilian noninstitutional population ¹	89,622	89,706	89,765	89,830	89,885	89,987	90,083	90,137	90,211	90,273	90,342	90,417	90,494
Civilian labor force	68,144	68,061	68,077	68,373	68,390	68,446	68,604	68,090	68,310	68,494	68,545	68,401	68,448
Percent of population	76.0	75.9	75.8	76.1	76.1	76.1	76.2	75.5	75.7	75.9	75.9	75.7	75.6
Employed	64,499	64,266	64,188	64,412	64,408	64,337	64,327	63,798	63,604	63,532	63,802	63,443	63,405
Employment-population ratio ²	72.0	71.6	71.5	71.7	71.7	71.5	71.4	70.8	70.5	70.4	70.6	70.2	70.1
Agriculture	2,571	2,478	2,477	2,512	2,504	2,518	2,572	2,466	2,520	2,456	2,504	2,596	2,640
Nonagricultural industries	61,928	61,788	61,711	61,900	61,904	61,819	61,755	61,331	61,084	61,076	61,298	60,847	60,765
Unemployed	3,645	3,795	3,889	3,961	3,982	4,109	4,277	4,292	4,706	4,962	4,743	4,957	5,043
Unemployment rate	5.3	5.6	5.7	5.8	5.8	6.0	6.2	6.3	6.9	7.2	6.9	7.2	7.4
Not in labor force	21,478	21,645	21,688	21,457	21,495	21,541	21,479	22,047	21,901	21,779	21,797	22,017	22,046
Men, 20 years and over													
Civilian noninstitutional population ¹	82,676	82,790	82,862	82,940	83,013	83,092	83,208	83,271	83,392	83,466	83,567	83,636	83,748
Civilian labor force	64,342	64,331	64,419	64,572	64,594	64,682	64,803	64,345	64,577	64,735	64,957	64,741	64,897
Percent of population	77.8	77.7	77.7	77.9	77.8	77.8	77.9	77.3	77.4	77.6	77.7	77.4	77.5
Employed	61,294	61,162	61,174	61,248	61,245	61,217	61,188	60,734	60,533	60,551	60,905	60,556	60,625
Employment-population ratio ²	74.1	73.9	73.8	73.8	73.8	73.7	73.5	72.9	72.6	72.5	72.9	72.4	72.4
Agriculture	2,369	2,279	2,266	2,299	2,283	2,307	2,365	2,289	2,315	2,255	2,328	2,368	2,438
Nonagricultural industries	58,925	58,883	58,908	58,949	58,962	58,910	58,823	58,445	58,217	58,296	58,577	58,188	58,187
Unemployed	3,048	3,169	3,245	3,324	3,349	3,465	3,615	3,611	4,044	4,184	4,052	4,184	4,272
Unemployment rate	4.7	4.9	5.0	5.1	5.2	5.4	5.6	5.6	6.3	6.5	6.2	6.5	6.6
Not in labor force	18,334	18,459	18,443	18,368	18,419	18,410	18,405	18,926	18,815	18,731	18,610	18,895	18,851
Women, 16 years and over													
Civilian noninstitutional population ¹	98,355	98,430	98,496	98,571	98,640	98,710	98,783	98,840	98,904	98,970	99,038	99,105	99,174
Civilian labor force	56,653	56,648	56,628	56,597	56,485	56,277	56,570	56,548	56,766	56,832	57,127	56,831	57,181
Percent of population	57.6	57.6	57.5	57.4	57.3	57.0	57.3	57.4	57.4	57.4	57.7	57.3	57.7
Employed	53,738	53,616	53,502	53,471	53,325	53,049	53,247	53,125	53,314	53,222	53,596	53,148	53,479
Employment-population ratio ²	54.6	54.5	54.3	54.2	54.1	53.7	53.9	53.7	53.9	53.8	54.1	53.6	53.9
Agriculture	708	630	675	682	671	667	681	697	703	642	651	676	668
Nonagricultural industries	53,030	52,986	52,827	52,789	52,654	52,382	52,566	52,428	52,611	52,580	52,945	52,473	52,811
Unemployed	2,915	3,032	3,126	3,126	3,160	3,228	3,323	3,423	3,452	3,610	3,531	3,683	3,702
Unemployment rate	5.1	5.4	5.5	5.5	5.6	5.7	5.9	6.1	6.1	6.4	6.2	6.5	6.5
Not in labor force	41,702	41,782	41,868	41,974	42,155	42,433	42,213	42,292	42,138	42,138	41,911	42,274	41,993
Women, 20 years and over													
Civilian noninstitutional population ¹	91,495	91,581	91,688	91,765	91,857	91,963	92,042	92,139	92,198	92,273	92,358	92,454	92,546
Civilian labor force	53,107	53,155	53,255	53,129	53,047	52,896	53,182	53,097	53,284	53,359	53,634	53,480	53,883
Percent of population	58.0	58.0	58.1	57.9	57.7	57.5	57.8	57.6	57.8	57.8	58.1	57.8	58.2
Employed	50,675	50,637	50,649	50,504	50,423	50,196	50,389	50,300	50,404	50,323	50,695	50,363	50,723
Employment-population ratio	55.4	55.3	55.2	55.0	54.9	54.6	54.7	54.6	54.7	54.5	54.9	54.5	54.8
Agriculture	661	586	634	633	628	627	647	664	675	607	623	633	617
Nonagricultural industries	50,014	50,051	50,015	49,871	49,795	49,569	49,742	49,636	49,728	49,716	50,072	49,731	50,106
Unemployed	2,432	2,518	2,606	2,625	2,624	2,700	2,793	2,797	2,881	3,035	2,939	3,117	3,160
Unemployment rate	4.6	4.7	4.9	4.9	4.9	5.1	5.3	5.3	5.4	5.7	5.5	5.8	5.9
Not in labor force	38,388	38,426	38,433	38,636	38,810	39,067	38,860	39,042	38,914	38,914	38,724	38,974	38,663
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,806	13,764	13,711	13,696	13,655	13,642	13,616	13,567	13,525	13,504	13,455	13,432	13,374
Civilian labor force	7,348	7,223	7,031	7,269	7,234	7,145	7,189	7,196	7,215	7,232	7,081	7,011	6,850
Percent of population	53.2	52.5	51.3	53.1	53.0	52.4	52.8	53.0	53.3	53.6	52.6	52.2	51.2
Employed	6,268	6,083	5,867	6,131	6,065	5,973	5,997	5,889	5,982	5,879	5,798	5,672	5,537
Employment-population ratio ²	45.4	44.2	42.8	44.8	44.4	43.8	44.0	43.4	44.2	43.5	43.1	42.2	41.4
Agriculture	249	243	252	262	264	251	241	211	232	235	204	271	254
Nonagricultural industries	6,019	5,840	5,615	5,869	5,801	5,722	5,756	5,678	5,750	5,644	5,594	5,401	5,283
Unemployed	1,080	1,140	1,164	1,138	1,169	1,172	1,192	1,307	1,233	1,353	1,283	1,339	1,313
Unemployment rate	14.7	15.8	16.6	15.7	16.2	16.4	16.6	18.2	17.1	18.7	18.1	19.1	19.2
Not in labor force	6,458	6,541	6,680	6,427	6,421	6,497	6,427	6,371	6,310	6,272	6,374	6,421	6,524

The population figures are not adjusted for seasonal variation. population.
Civilian employment as a percent of the civilian noninstitutional

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
WHITE													
Civilian noninstitutional population ¹	160,365	160,468	160,550	160,640	160,717	160,831	160,942	161,007	161,097	161,179	161,264	161,357	161,449
Civilian labor force	107,184	107,196	107,166	107,391	107,277	107,048	107,517	106,962	107,432	107,488	107,678	107,491	107,745
Percent of population	66.8	66.8	66.7	66.9	66.7	66.6	66.8	66.4	66.7	66.7	66.8	66.6	66.7
Employed	102,332	102,189	101,996	102,192	102,017	101,648	101,843	101,104	101,141	100,870	101,455	100,944	101,046
Employment-population ratio ²	63.8	63.7	63.5	63.6	63.5	63.2	63.3	62.8	62.8	62.6	62.9	62.6	62.6
Unemployed	4,852	5,007	5,170	5,199	5,260	5,400	5,674	5,858	6,291	6,617	6,223	6,547	6,699
Unemployment rate	4.5	4.7	4.8	4.8	4.9	5.0	5.3	5.5	5.9	6.2	5.8	6.1	6.2
Men, 20 years and over													
Civilian labor force	55,890	55,909	56,040	56,119	56,123	56,174	56,307	55,836	56,000	56,151	56,310	56,210	56,267
Percent of population	78.2	78.2	78.3	78.3	78.3	78.3	78.3	77.6	77.8	77.9	78.1	77.9	77.9
Employed	53,611	53,566	53,601	53,675	53,615	53,564	53,497	53,010	52,801	52,828	53,179	53,025	52,962
Employment-population ratio ²	75.0	74.9	74.9	74.9	74.8	74.6	74.4	73.7	73.3	73.3	73.7	73.5	73.3
Unemployed	2,279	2,343	2,439	2,444	2,508	2,610	2,810	2,826	3,198	3,323	3,131	3,185	3,304
Unemployment rate	4.1	4.2	4.4	4.4	4.5	4.6	5.0	5.1	5.7	5.9	5.6	5.7	5.9
Women, 20 years and over													
Civilian labor force	44,982	45,039	45,060	44,984	44,918	44,711	44,995	44,888	45,211	45,186	45,304	45,242	45,572
Percent of population	57.8	57.8	57.8	57.7	57.6	57.2	57.6	57.4	57.8	57.7	57.8	57.7	58.0
Employed	43,200	43,229	43,194	43,101	43,032	42,768	43,001	42,841	43,019	42,892	43,169	42,932	43,213
Employment-population ratio ²	55.5	55.5	55.4	55.3	55.1	54.8	55.0	54.8	55.0	54.8	55.1	54.7	55.0
Unemployed	1,782	1,810	1,866	1,883	1,886	1,943	1,994	2,047	2,192	2,294	2,136	2,310	2,360
Unemployment rate	4.0	4.0	4.1	4.2	4.2	4.3	4.4	4.6	4.8	5.1	4.7	5.1	5.2
Both sexes, 16 to 19 years													
Civilian labor force	6,312	6,248	6,066	6,288	6,236	6,163	6,215	6,238	6,222	6,151	6,064	6,039	5,906
Percent of population	56.8	56.4	54.9	57.1	56.9	56.3	57.0	57.4	57.5	57.1	56.4	56.3	55.3
Employed	5,521	5,394	5,201	5,416	5,370	5,316	5,345	5,253	5,321	5,150	5,108	4,987	4,871
Employment-population ratio ²	49.7	48.7	47.1	49.2	49.0	48.6	49.0	48.3	49.2	47.8	47.5	46.5	45.6
Unemployed	791	854	865	872	866	847	870	985	901	1,001	956	1,052	1,035
Unemployment rate	12.5	13.7	14.3	13.9	13.9	13.7	14.0	15.8	14.5	16.3	15.8	17.4	17.5
Men	13.4	14.9	15.4	15.0	14.7	14.9	14.9	15.8	15.4	18.6	16.9	19.3	19.9
Women	11.6	12.4	13.1	12.6	13.0	12.5	13.0	15.8	13.4	13.7	14.7	15.4	14.9
BLACK													
Civilian noninstitutional population ¹	21,289	21,318	21,337	21,361	21,383	21,417	21,448	21,470	21,493	21,516	21,541	21,569	21,595
Civilian labor force	13,488	13,406	13,401	13,476	13,493	13,550	13,486	13,501	13,421	13,610	13,670	13,472	13,613
Percent of population	63.4	62.9	62.8	63.1	63.1	63.3	62.9	62.9	62.4	63.3	63.5	62.5	63.0
Employed	12,044	11,884	11,838	11,869	11,913	11,897	11,836	11,866	11,839	11,934	11,948	11,727	11,837
Employment-population ratio ²	56.6	55.7	55.5	55.6	55.7	55.5	55.2	55.3	55.1	55.5	55.5	54.4	54.8
Unemployed	1,444	1,522	1,563	1,607	1,580	1,653	1,650	1,635	1,582	1,675	1,722	1,745	1,777
Unemployment rate	10.7	11.4	11.7	11.9	11.7	12.2	12.2	12.1	11.8	12.3	12.6	13.0	13.1
Men, 20 years and over													
Civilian labor force	6,298	6,292	6,260	6,324	6,339	6,348	6,359	6,313	6,366	6,395	6,416	6,265	6,399
Percent of population	74.1	73.9	73.4	74.1	74.1	74.3	74.1	73.5	73.9	74.1	74.2	72.6	73.9
Employed	5,688	5,618	5,594	5,597	5,635	5,638	5,664	5,602	5,649	5,672	5,647	5,475	5,584
Employment-population ratio ²	66.9	65.9	65.6	65.5	65.9	66.0	66.0	65.2	65.6	65.7	65.3	63.5	64.5
Unemployed	610	674	666	727	704	710	695	712	717	723	769	790	815
Unemployment rate	9.7	10.7	10.6	11.5	11.1	11.2	10.9	11.3	11.3	11.3	12.0	12.6	12.7
Women, 20 years and over													
Civilian labor force	6,377	6,336	6,358	6,362	6,345	6,365	6,339	6,374	6,286	6,388	6,476	6,459	6,483
Percent of population	59.9	59.5	59.6	59.5	59.3	59.4	59.0	59.3	58.4	59.2	60.0	59.7	59.8
Employed	5,797	5,738	5,733	5,716	5,728	5,717	5,668	5,738	5,694	5,755	5,812	5,755	5,768
Employment-population ratio ²	54.5	53.9	53.7	53.5	53.5	53.3	52.8	53.4	52.9	53.4	53.8	53.2	53.2
Unemployed	580	598	625	646	617	648	671	636	593	633	664	705	715
Unemployment rate	9.1	9.4	9.8	10.2	9.7	10.2	10.6	10.0	9.4	9.9	10.3	10.9	11.0

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	813	778	783	790	809	837	788	814	769	826	779	747	732
Percent of population	37.9	36.3	36.6	37.0	38.0	38.9	36.9	38.4	36.4	39.2	37.1	35.1	34.8
Employed	559	528	511	556	550	542	504	526	497	507	490	497	485
Employment-population ratio ²	26.0	24.6	23.9	26.0	25.8	25.2	23.6	24.8	23.5	24.1	23.3	23.3	23.0
Unemployed	254	250	272	234	259	295	284	288	272	319	289	250	247
Unemployment rate	31.2	32.1	34.7	29.6	32.0	35.2	36.0	35.4	35.4	38.6	37.1	33.5	33.7
Men	35.2	33.1	36.7	31.4	31.3	33.2	36.4	34.6	35.5	38.4	38.4	36.7	37.4
Women	27.1	31.1	32.7	27.6	32.7	37.5	35.6	36.1	35.2	38.9	35.7	30.1	28.9
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	14,277	14,317	14,356	14,396	14,435	14,474	14,514	14,553	14,593	14,632	14,672	14,711	14,751
Civilian labor force	9,618	9,638	9,665	9,632	9,580	9,500	9,569	9,675	9,578	9,696	9,739	9,695	9,737
Percent of population	67.4	67.3	67.3	66.9	66.4	65.6	65.9	66.5	65.6	66.3	66.4	65.9	66.0
Employed	8,919	8,875	8,904	8,809	8,793	8,683	8,676	8,779	8,664	8,700	8,859	8,756	8,781
Employment-population ratio ²	62.5	62.0	62.0	61.2	60.9	60.0	59.8	60.3	59.4	59.5	60.4	59.5	59.5
Unemployed	699	763	761	823	787	817	893	896	914	997	880	939	956
Unemployment rate	7.3	7.9	7.9	8.5	8.2	8.6	9.3	9.3	9.5	10.3	9.0	9.7	9.8

¹ The population figures are not adjusted for seasonal variation.

² Civilian employment as a percent of the civilian noninstitutional population.

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(In thousands)

Category	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
CHARACTERISTIC													
Total	118,237	117,882	117,690	117,883	117,733	117,386	117,574	116,922	116,918	116,754	117,398	116,591	116,884
Married men, spouse present	40,626	40,601	40,661	40,833	40,833	40,844	40,728	40,316	40,482	40,296	40,502	40,280	40,337
Married women, spouse present	29,828	29,862	29,869	29,797	29,789	29,713	29,776	29,599	29,680	29,514	29,762	29,608	29,877
Women who maintain families	6,432	6,376	6,372	6,376	6,354	6,341	6,367	6,386	6,384	6,470	6,371	6,350	6,520
OCCUPATION													
Managerial and professional specialty	30,735	30,758	30,913	30,572	30,714	30,732	30,777	30,699	31,093	30,764	30,990	30,908	30,842
Technical, sales, and administrative support	36,678	36,499	36,009	36,541	36,447	36,380	36,242	36,360	36,100	36,265	36,515	36,233	36,283
Service occupations	15,894	15,917	15,847	15,889	15,860	15,861	15,904	15,746	15,773	15,948	15,882	15,793	16,142
Precision production, craft, and repair	13,595	13,697	13,586	13,804	13,547	13,428	13,524	13,399	13,333	13,212	13,197	13,181	13,207
Operators, fabricators, and laborers	17,838	17,698	17,852	17,814	17,858	17,752	17,695	17,227	16,997	17,051	17,150	17,188	16,974
Farming, forestry, and fishing	3,513	3,384	3,448	3,449	3,376	3,360	3,436	3,437	3,499	3,387	3,464	3,451	3,502
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,685	1,665	1,705	1,752	1,714	1,681	1,671	1,603	1,629	1,556	1,660	1,703	1,748
Self-employed workers	1,479	1,382	1,364	1,293	1,350	1,386	1,473	1,396	1,448	1,412	1,450	1,421	1,431
Unpaid family workers	107	100	97	108	99	116	102	157	168	134	95	117	115
Nonagricultural industries:													
Wage and salary workers	105,893	105,763	105,627	105,686	105,384	105,267	105,095	104,698	104,569	104,455	104,697	104,613	104,345
Government	17,832	17,785	17,798	17,597	17,694	17,633	17,640	17,680	17,792	17,829	18,064	17,904	17,898
Private industries	88,061	87,998	87,829	88,089	87,690	87,634	87,455	87,018	86,777	86,626	86,633	86,709	86,447
Private households	1,039	1,003	1,021	1,067	1,017	992	1,013	967	953	980	943	934	1,005
Other industries	87,022	86,995	86,808	87,022	86,673	86,642	86,442	86,051	85,824	85,646	85,690	85,775	85,441
Self-employed workers	8,756	8,725	8,646	8,809	8,859	8,800	8,896	8,738	8,876	8,926	9,209	8,732	8,968
Unpaid family workers	239	258	236	238	250	255	238	232	239	224	213	206	260
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	5,022	5,001	5,092	5,301	5,409	5,438	5,581	5,510	6,062	6,163	6,162	5,932	5,705
Slack work	2,501	2,570	2,491	2,658	2,663	2,786	2,928	2,908	3,252	3,303	3,383	3,138	3,146
Could only find part-time work	2,207	2,120	2,153	2,408	2,344	2,340	2,302	2,214	2,401	2,494	2,462	2,556	2,325
Voluntary part time	15,190	15,263	15,317	15,250	15,129	15,048	15,081	14,833	14,971	14,819	15,027	14,876	15,598
Nonagricultural industries:													
Part time for economic reasons	4,745	4,780	4,830	5,051	5,135	5,163	5,262	5,178	5,803	5,889	5,956	5,702	5,425
Slack work	2,297	2,399	2,290	2,482	2,467	2,625	2,742	2,692	3,067	3,107	3,181	2,971	2,964
Could only find part-time work	2,136	2,102	2,084	2,333	2,281	2,262	2,218	2,133	2,349	2,404	2,403	2,463	2,229
Voluntary part time	14,668	14,853	14,861	14,823	14,715	14,658	14,650	14,461	14,528	14,452	14,641	14,377	15,168

¹ Excludes persons "with a job but not at work" during the survey

period for such reasons as vacation, illness, or industrial dispute.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(In thousands)

Sex and age	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	118,237	117,882	117,690	117,883	117,733	117,386	117,574	116,922	116,918	116,754	117,398	116,591	116,884
16 to 24 years	18,934	18,732	18,439	18,684	18,577	18,518	18,572	18,442	18,274	18,186	18,192	17,822	17,587
16 to 19 years	6,268	6,083	5,867	6,131	6,065	5,973	5,997	5,889	5,982	5,879	5,798	5,672	5,537
16 to 17 years	2,316	2,215	2,158	2,246	2,212	2,225	2,224	2,215	2,360	2,177	2,146	2,102	2,153
18 to 19 years	3,946	3,888	3,729	3,856	3,857	3,739	3,774	3,704	3,631	3,695	3,643	3,549	3,381
20 to 24 years	12,666	12,649	12,572	12,553	12,512	12,545	12,575	12,554	12,292	12,306	12,394	12,151	12,050
25 years and over	99,336	99,247	99,320	99,212	99,160	98,847	98,937	98,463	98,605	98,529	99,150	98,727	99,358
25 to 54 years	84,366	84,336	84,328	84,322	84,325	84,075	84,070	83,717	83,866	83,821	84,342	84,165	84,572
55 years and over	14,930	14,906	14,950	14,992	14,851	14,812	14,901	14,628	14,687	14,720	14,778	14,583	14,757
Men, 16 years and over	64,499	64,266	64,188	64,412	64,408	64,337	64,327	63,798	63,604	63,532	63,802	63,443	63,405
16 to 24 years	9,866	9,778	9,613	9,760	9,712	9,695	9,758	9,594	9,483	9,392	9,371	9,264	9,114
16 to 19 years	3,205	3,104	3,014	3,164	3,163	3,120	3,139	3,063	3,071	2,981	2,897	2,887	2,780
16 to 17 years	1,184	1,136	1,089	1,170	1,163	1,179	1,172	1,205	1,215	1,092	1,075	1,080	1,114
18 to 19 years	2,014	1,992	1,919	1,976	1,995	1,950	1,966	1,886	1,857	1,895	1,810	1,782	1,662
20 to 24 years	6,661	6,674	6,599	6,596	6,549	6,575	6,619	6,530	6,412	6,412	6,474	6,377	6,333
25 years and over	54,634	54,508	54,604	54,670	54,687	54,637	54,546	54,190	54,084	54,113	54,433	54,154	54,336
25 to 54 years	46,102	46,022	46,040	46,153	46,219	46,137	46,035	45,819	45,742	45,761	45,962	45,828	45,947
55 years and over	8,499	8,498	8,530	8,573	8,492	8,498	8,553	8,318	8,326	8,353	8,415	8,330	8,368
Women, 16 years and over	53,738	53,616	53,502	53,471	53,325	53,049	53,247	53,125	53,314	53,222	53,596	53,148	53,479
16 to 24 years	9,068	8,954	8,826	8,924	8,865	8,823	8,814	8,848	8,791	8,793	8,821	8,559	8,473
16 to 19 years	3,063	2,979	2,853	2,967	2,902	2,853	2,858	2,825	2,911	2,899	2,901	2,785	2,756
16 to 17 years	1,132	1,079	1,069	1,076	1,049	1,046	1,052	1,010	1,145	1,085	1,071	1,022	1,039
18 to 19 years	1,932	1,896	1,810	1,880	1,862	1,789	1,808	1,818	1,774	1,800	1,833	1,767	1,719
20 to 24 years	6,005	5,975	5,973	5,957	5,963	5,970	5,956	6,023	5,881	5,895	5,920	5,774	5,717
25 years and over	44,702	44,739	44,716	44,542	44,473	44,210	44,391	44,273	44,521	44,416	44,717	44,573	45,022
25 to 54 years	38,264	38,314	38,288	38,169	38,106	37,938	38,035	37,898	38,124	38,060	38,380	38,337	38,624
55 years and over	6,431	6,408	6,420	6,419	6,359	6,314	6,348	6,310	6,361	6,367	6,363	6,253	6,389

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

(In thousands)

Sex and age	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	6,560	6,827	7,015	7,087	7,142	7,337	7,600	7,715	8,158	8,572	8,274	8,640	8,745
16 to 24 years	2,238	2,308	2,382	2,426	2,463	2,428	2,463	2,617	2,682	2,770	2,680	2,864	2,825
16 to 19 years	1,080	1,140	1,164	1,138	1,169	1,172	1,192	1,307	1,233	1,353	1,283	1,339	1,313
16 to 17 years	460	474	501	506	508	507	524	541	480	576	578	539	545
18 to 19 years	626	661	651	654	657	662	665	745	741	785	709	826	772
20 to 24 years	1,158	1,168	1,218	1,288	1,294	1,256	1,271	1,310	1,449	1,417	1,397	1,525	1,512
25 years and over	4,301	4,470	4,610	4,652	4,630	4,910	5,160	5,162	5,501	5,811	5,678	5,715	5,893
25 to 54 years	3,825	3,986	4,039	4,136	4,105	4,403	4,664	4,618	4,940	5,205	5,117	5,134	5,167
55 years and over	448	493	528	514	536	513	501	510	582	638	588	624	691
Men, 16 years and over	3,645	3,795	3,889	3,961	3,982	4,109	4,277	4,292	4,706	4,962	4,743	4,957	5,043
16 to 24 years	1,255	1,266	1,268	1,319	1,325	1,335	1,363	1,461	1,520	1,638	1,566	1,577	1,627
16 to 19 years	597	626	644	637	633	644	662	681	662	778	691	773	771
16 to 17 years	239	259	284	273	263	280	295	278	287	364	304	291	287
18 to 19 years	353	366	357	375	368	367	366	381	375	421	389	495	478
20 to 24 years	658	640	624	682	692	691	701	780	858	860	875	804	856
25 years and over	2,360	2,499	2,595	2,616	2,630	2,764	2,937	2,897	3,201	3,344	3,246	3,326	3,379
25 to 54 years	2,036	2,195	2,230	2,284	2,299	2,448	2,625	2,535	2,847	2,951	2,888	2,953	2,903
55 years and over	281	320	333	337	344	335	316	319	367	399	390	410	413
Women, 16 years and over	2,915	3,032	3,126	3,126	3,160	3,228	3,323	3,423	3,452	3,610	3,531	3,683	3,702
16 to 24 years	983	1,042	1,114	1,107	1,138	1,093	1,100	1,156	1,162	1,132	1,113	1,287	1,198
16 to 19 years	483	514	520	501	536	528	530	626	571	575	592	566	542
16 to 17 years	221	215	217	233	245	227	229	263	193	212	274	248	258
18 to 19 years	273	295	294	279	289	295	299	364	366	364	320	331	294
20 to 24 years	500	528	594	606	602	565	570	530	591	557	521	721	656
25 years and over	1,941	1,971	2,015	2,036	2,000	2,146	2,223	2,265	2,300	2,467	2,432	2,389	2,514
25 to 54 years	1,789	1,791	1,809	1,852	1,806	1,955	2,039	2,083	2,092	2,254	2,229	2,182	2,264
55 years and over	167	173	195	177	192	178	185	191	214	239	198	214	277

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Civilian workers)

Sex and age	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	5.3	5.5	5.6	5.7	5.7	5.9	6.1	6.2	6.5	6.8	6.6	6.9	7.0
16 to 24 years	10.6	11.0	11.4	11.5	11.7	11.6	11.7	12.4	12.8	13.2	12.8	13.8	13.8
16 to 19 years	14.7	15.8	16.6	15.7	16.2	16.4	16.6	18.2	17.1	18.7	18.1	19.1	19.2
16 to 17 years	16.6	17.6	18.8	18.4	18.7	18.6	19.1	19.6	16.9	20.9	21.2	20.4	20.2
18 to 19 years	13.7	14.5	14.9	14.5	14.6	15.0	15.0	16.7	16.9	17.5	16.3	18.9	18.6
20 to 24 years	8.4	8.5	8.8	9.3	9.4	9.1	9.2	9.5	10.5	10.3	10.1	11.2	11.1
25 years and over	4.2	4.3	4.4	4.5	4.5	4.7	5.0	5.0	5.3	5.6	5.4	5.5	5.6
25 to 54 years	4.3	4.5	4.6	4.7	4.6	5.0	5.3	5.2	5.6	5.8	5.7	5.7	5.8
55 years and over	2.9	3.2	3.4	3.3	3.5	3.3	3.3	3.4	3.8	4.2	3.8	4.1	4.5
Men, 16 years and over	5.3	5.6	5.7	5.8	5.8	6.0	6.2	6.3	6.9	7.2	6.9	7.2	7.4
16 to 24 years	11.3	11.5	11.7	11.9	12.0	12.1	12.3	13.2	13.8	14.9	14.3	14.5	15.1
16 to 19 years	15.7	16.8	17.6	16.8	16.7	17.1	17.4	18.2	17.7	20.7	19.3	21.1	21.7
16 to 17 years	16.8	18.8	20.7	18.9	18.4	19.2	20.1	18.7	19.1	25.0	22.0	21.2	20.5
18 to 19 years	14.9	15.5	15.7	16.0	15.6	15.8	15.7	16.8	16.8	18.2	17.7	21.7	22.3
20 to 24 years	9.0	8.8	8.8	9.4	9.6	9.5	9.6	10.7	11.8	11.8	11.9	11.2	11.9
25 years and over	4.1	4.4	4.5	4.6	4.6	4.8	5.1	5.1	5.6	5.8	5.6	5.8	5.9
25 to 54 years	4.2	4.6	4.6	4.7	4.7	5.0	5.4	5.2	5.9	6.1	5.9	6.1	5.9
55 years and over	3.2	3.6	3.8	3.8	3.9	3.8	3.6	3.7	4.2	4.6	4.4	4.7	4.7
Women, 16 years and over	5.1	5.4	5.5	5.5	5.6	5.7	5.9	6.1	6.1	6.4	6.2	6.5	6.5
16 to 24 years	9.8	10.4	11.2	11.0	11.4	11.0	11.1	11.6	11.7	11.4	11.2	13.1	12.4
16 to 19 years	13.6	14.7	15.4	14.4	15.8	15.6	15.6	18.1	16.4	16.6	16.9	16.9	16.4
16 to 17 years	16.3	16.6	16.9	17.8	18.9	17.8	17.9	20.7	14.4	16.3	20.4	19.5	19.9
18 to 19 years	12.4	13.5	14.0	12.9	13.4	14.2	14.2	16.7	17.1	16.8	14.9	15.8	14.6
20 to 24 years	7.7	8.1	9.0	9.2	9.2	8.6	8.7	8.1	9.1	8.6	8.1	11.1	10.3
25 years and over	4.2	4.2	4.3	4.4	4.3	4.6	4.8	4.9	4.9	5.3	5.2	5.1	5.3
25 to 54 years	4.5	4.5	4.5	4.6	4.5	4.9	5.1	5.2	5.2	5.6	5.5	5.4	5.5
55 years and over	2.5	2.6	2.9	2.7	2.9	2.7	2.8	2.9	3.3	3.6	3.0	3.3	4.2

A-39. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1990						1991						
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
CHARACTERISTIC													
Total (all civilian workers)	5.3	5.5	5.6	5.7	5.7	5.9	6.1	6.2	6.5	6.8	6.6	6.9	7.0
Men, 20 years and over	4.7	4.9	5.0	5.1	5.2	5.4	5.6	5.6	6.3	6.5	6.2	6.5	6.6
Women, 20 years and over	4.6	4.7	4.9	4.9	4.9	5.1	5.3	5.3	5.4	5.7	5.5	5.8	5.9
Both sexes, 16 to 19 years	14.7	15.8	16.6	15.7	16.2	16.4	16.6	18.2	17.1	18.7	18.1	19.1	19.2
White	4.5	4.7	4.8	4.8	4.9	5.0	5.3	5.5	5.9	6.2	5.8	6.1	6.2
Black and other	9.6	10.3	10.4	10.8	10.6	11.0	11.1	10.7	10.7	11.1	11.2	11.5	11.4
Black	10.7	11.4	11.7	11.9	11.7	12.2	12.2	12.1	11.8	12.3	12.6	13.0	13.1
Hispanic origin	7.3	7.9	7.9	8.5	8.2	8.6	9.3	9.3	9.5	10.3	9.0	9.7	9.8
Married men, spouse present	3.2	3.3	3.5	3.5	3.5	3.7	3.8	4.0	4.3	4.5	4.4	4.4	4.7
Married women, spouse present	3.7	3.6	3.9	3.9	3.9	4.1	4.1	4.1	4.4	4.8	4.5	4.6	4.7
Women who maintain families	8.0	8.3	8.4	8.7	8.5	8.7	8.7	9.0	9.1	9.0	9.9	9.1	9.2
Full-time workers	4.9	5.1	5.3	5.4	5.5	5.7	5.8	6.0	6.4	6.5	6.3	6.5	6.6
Part-time workers	7.5	7.8	7.7	7.2	7.1	7.3	7.6	7.7	7.6	9.1	8.1	9.0	8.6
Unemployed 15 weeks and over ¹	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.8	1.7	1.8	1.8	2.0
Labor force time lost ²	5.9	6.1	6.3	6.4	6.6	6.7	6.9	7.0	7.5	7.7	7.6	7.7	7.6
OCCUPATION³													
Managerial and professional specialty	2.2	2.1	2.2	2.3	2.2	2.2	2.2	2.7	2.4	2.7	2.6	3.0	2.8
Technical, sales, and administrative support	4.1	4.1	4.3	4.3	4.4	4.6	4.8	4.5	5.0	5.3	5.2	5.3	5.2
Precision production, craft, and repair	5.2	5.7	6.2	6.5	6.5	6.9	7.0	7.3	7.6	7.6	7.8	8.0	7.8
Operators, fabricators, and laborers	8.1	8.2	8.3	8.2	8.9	9.4	9.6	10.0	11.6	11.2	10.8	10.2	11.5
Farming, forestry, and fishing	6.2	6.8	6.3	6.2	5.5	6.2	6.9	7.6	7.9	9.1	6.5	7.1	7.6
INDUSTRY													
Nonagricultural private wage and salary workers	5.4	5.5	5.7	5.8	5.9	6.2	6.3	6.4	6.9	7.2	7.0	7.2	7.4
Goods-producing industries	6.2	6.7	6.9	7.1	7.3	7.9	8.1	8.2	9.1	9.0	9.2	9.0	9.7
Mining	4.0	4.5	4.7	3.8	4.1	4.7	5.8	7.5	6.0	7.1	7.5	6.4	8.5
Construction	9.6	10.5	11.2	12.0	13.0	13.3	14.0	14.5	15.5	14.1	15.0	14.7	15.6
Manufacturing	5.2	5.7	5.8	5.8	5.8	6.5	6.5	6.4	7.4	7.6	7.6	7.4	8.2
Durable goods	5.2	5.7	5.9	6.0	5.9	6.9	6.6	6.8	8.1	8.2	8.3	7.7	8.4
Nondurable goods	5.3	5.7	5.6	5.4	5.7	5.9	6.4	5.9	6.5	6.8	6.6	7.0	7.9
Service-producing industries	5.0	5.0	5.2	5.3	5.3	5.4	5.4	5.6	5.9	6.4	6.0	6.4	6.3
Transportation and public utilities	3.2	3.7	4.0	3.9	4.1	4.1	4.2	4.4	5.3	5.5	5.4	5.5	5.4
Wholesale and retail trade	6.3	6.1	6.3	6.8	6.7	6.7	6.6	7.0	7.4	7.9	7.3	7.7	7.6
Finance and service industries	4.5	4.5	4.7	4.7	4.5	4.7	4.8	4.9	5.0	5.6	5.2	5.7	5.7
Government workers	2.9	2.8	2.8	2.8	2.8	2.8	2.7	3.0	3.2	3.7	3.2	3.2	2.8
Agricultural wage and salary workers	9.8	10.1	9.5	9.3	8.5	9.8	12.3	11.9	11.5	13.8	9.9	11.2	12.2

¹ Unemployment as a percent of the civilian labor force.

² Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

³ Seasonally adjusted data for service occupations are not available because the seasonal components are small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Weeks of unemployment	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
DURATION													
Less than 5 weeks	3,100	3,142	3,275	3,087	3,139	3,277	3,280	3,410	3,473	3,515	3,287	3,654	3,427
5 to 14 weeks	2,085	2,166	2,077	2,452	2,391	2,334	2,518	2,490	2,738	2,904	2,745	2,717	2,662
15 weeks and over	1,436	1,508	1,568	1,605	1,591	1,727	1,739	1,829	1,975	2,184	2,229	2,234	2,573
15 to 26 weeks	777	807	822	861	893	938	940	981	1,053	1,236	1,228	1,206	1,411
27 weeks and over	659	701	746	744	698	789	799	848	921	947	1,003	1,028	1,162
Average (mean) duration, in weeks	12.0	12.1	12.3	12.4	12.0	12.4	12.4	12.4	12.6	13.0	13.7	12.9	14.2
Median duration, in weeks	5.2	5.2	5.3	6.1	5.9	5.9	5.9	5.9	6.1	6.6	7.0	6.5	6.9
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	46.8	46.1	47.3	43.2	44.1	44.7	43.5	44.1	42.4	40.9	39.8	42.5	38.7
5 to 14 weeks	31.5	31.8	30.0	34.3	33.6	31.8	33.4	32.2	33.4	33.6	33.2	31.6	32.3
15 weeks and over	21.7	22.1	22.7	22.5	22.3	23.5	23.1	23.7	24.1	25.4	27.0	26.0	29.0
15 to 26 weeks	11.7	11.8	11.9	12.1	12.5	12.8	12.5	12.7	12.9	14.4	14.8	14.0	15.9
27 weeks and over	10.0	10.3	10.8	10.4	9.8	10.8	10.6	11.0	11.3	11.0	12.1	11.9	13.1

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

(Numbers in thousands)

Reasons for unemployment	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
NUMBER OF UNEMPLOYED													
Job losers	3,203	3,145	3,388	3,519	3,563	3,756	3,797	4,068	4,515	4,703	4,528	4,657	4,869
On layoff	947	977	993	1,111	1,056	1,136	1,150	1,131	1,485	1,430	1,370	1,343	1,389
Other job losers	2,256	2,168	2,395	2,408	2,507	2,620	2,647	2,938	3,031	3,273	3,158	3,314	3,481
Job leavers	999	1,020	989	954	981	996	1,024	899	989	1,080	987	1,053	1,090
Reentrants	1,839	1,920	1,872	1,952	1,911	1,926	2,128	2,044	1,994	2,090	2,053	2,202	2,143
New entrants	549	677	669	663	684	655	662	672	633	699	741	779	741
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	48.6	46.5	49.0	49.6	49.9	51.2	49.9	53.0	55.5	54.9	54.5	53.6	55.1
On layoff	14.4	14.4	14.4	15.7	14.8	15.5	15.1	14.7	18.3	16.7	16.5	15.5	15.7
Other job losers	34.2	32.1	34.6	34.0	35.1	35.7	34.8	38.2	37.3	38.2	38.0	38.1	39.4
Job leavers	15.2	15.1	14.3	13.5	13.7	13.6	13.5	11.7	12.2	12.6	11.9	12.1	12.3
Reentrants	27.9	28.4	27.1	27.5	26.8	26.3	28.0	26.6	24.5	24.4	24.7	25.3	24.2
New entrants	8.3	10.0	9.7	9.4	9.6	8.9	8.7	8.7	7.8	8.2	8.9	9.0	8.4
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.6	2.5	2.7	2.8	2.9	3.0	3.0	3.3	3.6	3.8	3.6	3.7	3.9
Job leavers .....	.8	.8	.8	.8	.8	.8	.8	.7	.8	.9	.8	.8	.9
Reentrants	1.5	1.5	1.5	1.6	1.5	1.5	1.7	1.6	1.6	1.7	1.6	1.8	1.7
New entrants .....	.4	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-42. Employment status of the noninstitutional population, including Armed forces stationed in the United States, by sex, seasonally adjusted

(Numbers in thousands)

Employment status and sex	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
TOTAL													
Noninstitutional population ¹	186,099	186,530	186,949	187,461	187,852	188,288	188,722	189,093	189,466	189,889	190,297	190,671	190,996
Labor force ¹	122,986	123,604	124,160	124,939	125,374	125,704	126,136	126,328	126,481	126,418	126,525	126,572	126,984
Percent of population ²	66.1	66.3	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.6	66.5	66.4	66.5
Total employed ¹	116,318	116,902	117,668	118,525	118,859	119,150	119,536	119,766	119,843	119,441	119,165	118,424	118,431
Employment-population ratio ³	62.5	62.7	62.9	63.2	63.3	63.3	63.3	63.3	63.3	62.9	62.6	62.1	62.0
Resident Armed Forces	1,710	1,690	1,696	1,688	1,674	1,685	1,704	1,681	1,642	1,623	1,601	1,559	1,473
Civilian employed	114,607	115,212	115,972	116,837	117,185	117,465	117,832	118,085	118,201	117,818	117,564	116,865	116,958
Agriculture	3,151	3,118	3,221	3,235	3,118	3,247	3,182	3,154	3,235	3,151	3,204	3,161	3,245
Nonagricultural industries	111,456	112,094	112,750	113,602	114,067	114,218	114,650	114,931	114,966	114,667	114,360	113,704	113,713
Unemployed	6,668	6,702	6,493	6,414	6,515	6,554	6,600	6,562	6,638	6,976	7,360	8,149	8,553
Unemployment rate ⁴	5.4	5.4	5.2	5.1	5.2	5.2	5.2	5.2	5.2	5.5	5.8	6.4	6.7
Not in labor force	63,114	62,926	62,789	62,522	62,478	62,583	62,586	62,764	62,985	63,471	63,772	64,099	64,012
Men													
Noninstitutional population ¹	89,293	89,509	89,715	89,973	90,166	90,385	90,606	90,823	91,014	91,226	91,425	91,609	91,737
Labor force ¹	68,408	68,648	68,656	69,039	69,301	69,392	69,640	69,641	69,679	69,629	69,920	69,700	69,784
Percent of population ²	76.6	76.7	76.5	76.7	76.9	76.8	76.9	76.7	76.6	76.3	76.5	76.1	76.1
Total employed ¹	64,781	64,984	65,100	65,535	65,829	65,874	66,059	66,068	66,200	65,748	65,797	65,407	64,870
Employment-population ratio ³	72.5	72.6	72.6	72.8	73.0	72.9	72.9	72.7	72.5	72.1	72.0	71.0	70.7
Resident Armed Forces	1,548	1,527	1,534	1,525	1,511	1,516	1,529	1,509	1,479	1,459	1,440	1,402	1,319
Civilian employed	63,233	63,457	63,566	64,010	64,318	64,358	64,530	64,559	64,541	64,289	64,357	63,645	63,550
Unemployed	3,627	3,664	3,555	3,504	3,472	3,518	3,581	3,573	3,658	3,882	4,123	4,653	4,914
Unemployment rate ⁴	5.3	5.3	5.2	5.1	5.0	5.1	5.1	5.1	5.3	5.6	5.9	6.7	7.0
Not in labor force	20,885	20,861	21,059	20,934	20,865	20,993	20,966	21,182	21,336	21,597	21,505	21,909	21,953
Women													
Noninstitutional population ¹	96,806	97,022	97,234	97,488	97,686	97,903	98,116	98,270	98,452	98,663	98,872	99,062	99,259
Labor force ¹	54,577	54,956	55,505	55,900	56,073	56,312	56,496	56,687	56,802	56,787	56,604	56,872	57,200
Percent of population ²	56.4	56.6	57.1	57.3	57.4	57.5	57.6	57.7	57.7	57.6	57.2	57.4	57.6
Total employed ¹	51,536	51,918	52,567	52,990	53,030	53,276	53,477	53,699	53,823	53,693	53,367	53,377	53,561
Employment-population ratio ³	53.2	53.5	54.1	54.4	54.3	54.4	54.5	54.6	54.7	54.4	54.0	53.9	54.0
Resident Armed Forces	162	163	162	163	163	169	175	173	163	163	160	157	154
Civilian employed	51,374	51,755	52,405	52,826	52,867	53,107	53,302	53,526	53,660	53,530	53,207	53,220	53,408
Unemployed	3,041	3,038	2,937	2,910	3,043	3,037	3,019	2,989	2,979	3,095	3,237	3,495	3,639
Unemployment rate ⁴	5.6	5.5	5.3	5.2	5.4	5.4	5.3	5.3	5.2	5.4	5.7	6.1	6.4
Not in labor force	42,229	42,065	41,729	41,589	41,613	41,591	41,619	41,583	41,650	41,875	42,267	42,190	42,059

¹ Includes members of the Armed Forces stationed in the United States.

² Labor force as a percent of the noninstitutional population.

³ Total employment as a percent of the noninstitutional population.

⁴ Unemployment as a percent of the labor force (including the resident

Armed Forces).

NOTE: The population and Armed Forces figures are not adjusted for seasonal variation. Detail for the seasonally adjusted data shown in tables A-42 through A-53 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-43. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted

(Numbers in thousands)

Employment status, sex, and age	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
TOTAL													
Civilian noninstitutional population ¹	184,389	184,840	185,253	185,773	186,178	186,602	187,018	187,411	187,824	188,266	188,696	189,112	189,523
Civilian labor force	121,275	121,914	122,464	123,251	123,700	124,019	124,432	124,647	124,839	124,795	124,924	125,013	125,511
Percent of population	65.8	66.0	66.1	66.3	66.4	66.5	66.5	66.5	66.5	66.3	66.2	66.1	66.2
Employed	114,607	115,212	115,972	116,837	117,185	117,465	117,832	118,085	118,201	117,818	117,564	116,865	116,958
Employment-population ratio ²	62.2	62.3	62.6	62.9	62.9	62.9	63.0	63.0	62.9	62.9	62.3	61.8	61.7
Unemployed	6,668	6,702	6,493	6,414	6,515	6,554	6,600	6,562	6,638	6,976	7,360	8,149	8,553
Unemployment rate	5.5	5.5	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.5	6.8
Men, 16 years and over													
Civilian noninstitutional population ¹	87,745	87,982	88,181	88,448	88,655	88,869	89,077	89,314	89,536	89,767	89,985	90,207	90,418
Civilian labor force	66,860	67,121	67,122	67,514	67,790	67,876	68,111	68,132	68,200	68,170	68,480	68,298	68,465
Percent of population	76.2	76.3	76.1	76.3	76.5	76.4	76.5	76.3	76.2	75.9	76.1	75.7	75.7
Employed	63,233	63,457	63,566	64,010	64,318	64,358	64,530	64,559	64,541	64,289	64,357	63,645	63,550
Employment-population ratio ²	72.1	72.1	72.1	72.4	72.5	72.4	72.3	72.1	71.6	71.5	71.5	70.6	70.3
Agriculture	2,472	2,482	2,508	2,496	2,465	2,557	2,500	2,487	2,523	2,489	2,531	2,481	2,580
Nonagricultural industries	60,761	60,975	61,058	61,514	61,853	61,801	62,030	62,072	62,019	61,800	61,826	61,164	60,970
Unemployed	3,627	3,664	3,555	3,504	3,472	3,518	3,581	3,573	3,658	3,882	4,123	4,653	4,914
Unemployment rate	5.4	5.5	5.3	5.2	5.1	5.2	5.3	5.2	5.4	5.7	6.0	6.8	7.2
Not in labor force	20,885	20,861	21,059	20,934	20,865	20,993	20,966	21,182	21,336	21,597	21,505	21,909	21,953
Men, 20 years and over													
Civilian noninstitutional population ¹	80,418	80,676	80,925	81,251	81,510	81,741	81,976	82,264	82,581	82,864	83,105	83,376	83,650
Civilian labor force	62,693	62,884	63,016	63,404	63,655	63,748	63,983	64,099	64,281	64,441	64,693	64,552	64,865
Percent of population	78.0	77.9	77.9	78.0	78.1	78.0	78.1	77.9	77.8	77.8	77.8	77.4	77.5
Employed	59,722	59,915	60,087	60,588	60,847	60,843	61,066	61,140	61,241	61,195	61,217	60,606	60,695
Employment-population ratio ²	74.3	74.3	74.3	74.6	74.6	74.4	74.5	74.3	74.2	73.8	73.7	72.7	72.6
Agriculture	2,248	2,252	2,305	2,307	2,272	2,340	2,294	2,268	2,338	2,281	2,318	2,286	2,378
Nonagricultural industries	57,474	57,662	57,783	58,281	58,574	58,504	58,772	58,872	58,902	58,913	58,898	58,320	58,317
Unemployed	2,970	2,969	2,928	2,816	2,808	2,904	2,917	2,958	3,040	3,246	3,476	3,946	4,169
Unemployment rate	4.7	4.7	4.6	4.4	4.4	4.6	4.6	4.6	4.7	5.0	5.4	6.1	6.4
Not in labor force	17,725	17,792	17,909	17,847	17,855	17,993	17,993	18,165	18,300	18,423	18,412	18,824	18,785
Women, 16 years and over													
Civilian noninstitutional population ¹	96,644	96,859	97,072	97,325	97,523	97,734	97,940	98,097	98,289	98,499	98,711	98,905	99,106
Civilian labor force	54,415	54,794	55,343	55,736	55,910	56,143	56,321	56,514	56,639	56,624	56,444	56,715	57,047
Percent of population	56.3	56.6	57.0	57.3	57.3	57.4	57.5	57.6	57.6	57.5	57.2	57.3	57.6
Employed	51,374	51,755	52,405	52,826	52,867	53,107	53,302	53,526	53,660	53,530	53,207	53,220	53,408
Employment-population ratio ²	53.2	53.4	54.0	54.3	54.2	54.3	54.4	54.6	54.6	54.3	53.9	53.8	53.9
Agriculture	679	636	713	738	653	690	681	667	712	662	673	681	665
Nonagricultural industries	50,695	51,119	51,692	52,088	52,214	52,417	52,621	52,859	52,948	52,867	52,534	52,540	52,743
Unemployed	3,041	3,038	2,937	2,910	3,043	3,037	3,019	2,989	2,979	3,095	3,237	3,495	3,639
Unemployment rate	5.6	5.5	5.3	5.2	5.4	5.4	5.4	5.3	5.3	5.5	5.7	6.2	6.4
Not in labor force	42,229	42,065	41,729	41,589	41,613	41,591	41,619	41,583	41,650	41,875	42,267	42,190	42,059
Women, 20 years and over													
Civilian noninstitutional population ¹	89,397	89,664	89,883	90,155	90,425	90,685	90,952	91,162	91,413	91,678	91,954	92,203	92,453
Civilian labor force	50,565	50,887	51,506	51,911	52,076	52,333	52,523	52,787	53,042	53,180	53,042	53,247	53,666
Percent of population	56.6	56.8	57.3	57.6	57.6	57.7	57.7	57.9	58.0	58.0	57.7	57.7	58.0
Employed	48,084	48,403	49,089	49,514	49,577	49,857	50,030	50,324	50,571	50,597	50,336	50,342	50,594
Employment-population ratio ²	53.8	54.0	54.6	54.9	54.8	55.0	55.0	55.2	55.3	55.2	54.7	54.6	54.7
Agriculture	626	593	653	680	614	651	631	623	661	618	634	649	624
Nonagricultural industries	47,458	47,810	48,436	48,833	48,962	49,206	49,399	49,701	49,910	49,979	49,702	49,694	49,969
Unemployed	2,481	2,484	2,417	2,398	2,500	2,476	2,493	2,463	2,471	2,583	2,706	2,904	3,072
Unemployment rate	4.9	4.9	4.7	4.6	4.8	4.7	4.7	4.7	4.7	4.9	5.1	5.5	5.7
Not in labor force	38,832	38,777	38,377	38,244	38,349	38,352	38,429	38,375	38,371	38,498	38,912	38,956	38,787
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	14,574	14,500	14,445	14,367	14,243	14,177	14,090	13,985	13,830	13,724	13,637	13,532	13,420
Civilian labor force	8,017	8,144	7,943	7,935	7,969	7,938	7,926	7,761	7,516	7,174	7,189	7,214	6,980
Percent of population	55.0	56.2	55.0	55.2	56.0	56.0	56.3	55.5	54.3	52.3	52.7	53.3	52.0
Employed	6,801	6,895	6,795	6,735	6,761	6,765	6,736	6,620	6,390	6,027	6,012	5,917	5,669
Employment-population ratio ²	46.7	47.5	47.0	46.9	47.5	47.7	47.8	47.3	46.2	43.9	44.1	43.7	42.2
Agriculture	277	273	263	248	231	257	256	262	236	252	252	226	243
Nonagricultural industries	6,524	6,622	6,532	6,488	6,530	6,508	6,480	6,358	6,154	5,775	5,760	5,691	5,426
Unemployed	1,217	1,249	1,148	1,200	1,208	1,174	1,190	1,141	1,126	1,147	1,178	1,298	1,312
Unemployment rate	15.2	15.3	14.4	15.1	15.2	14.8	15.0	14.7	15.0	16.0	16.4	18.0	18.8
Not in labor force	6,557	6,356	6,502	6,432	6,274	6,239	6,164	6,224	6,314	6,550	6,448	6,318	6,440

¹ The population figures are not adjusted for seasonal variation.

population.

² Civilian employment as a percent of the civilian noninstitutional

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-44. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
WHITE													
Civilian noninstitutional population ¹	158,048	158,347	158,611	158,944	159,198	159,473	159,738	160,007	160,269	160,553	160,830	161,095	161,357
Civilian labor force	104,480	104,916	105,386	105,929	106,225	106,385	106,841	107,048	107,166	107,251	107,281	107,294	107,638
Percent of population	66.1	66.3	66.4	66.6	66.7	66.7	66.9	66.9	66.9	66.8	66.7	66.6	66.7
Employed	99,641	99,917	100,555	101,263	101,483	101,566	102,007	102,155	102,238	102,126	101,836	101,039	101,149
Employment-population ratio ²	63.0	63.1	63.4	63.7	63.7	63.7	63.9	63.8	63.8	63.6	63.3	62.7	62.7
Unemployed	4,839	4,999	4,831	4,666	4,742	4,819	4,835	4,893	4,928	5,125	5,445	6,255	6,490
Unemployment rate	4.6	4.8	4.6	4.4	4.5	4.5	4.5	4.6	4.6	4.8	5.1	5.8	6.0
Men, 20 years and over													
Civilian labor force	54,642	54,843	54,947	55,244	55,374	55,445	55,706	55,821	55,859	56,023	56,201	55,996	56,262
Percent of population	78.3	78.4	78.3	78.5	78.5	78.4	78.5	78.4	78.2	78.3	78.3	77.8	77.9
Employed	52,436	52,558	52,692	53,136	53,298	53,250	53,514	53,569	53,566	53,614	53,559	52,880	53,055
Employment-population ratio ²	75.1	75.1	75.1	75.5	75.5	75.3	75.4	75.3	75.0	74.9	74.6	73.4	73.5
Unemployed	2,206	2,284	2,254	2,108	2,076	2,195	2,191	2,252	2,293	2,409	2,643	3,116	3,207
Unemployment rate	4.0	4.2	4.1	3.8	3.7	4.0	3.9	4.0	4.1	4.3	4.7	5.6	5.7
Women, 20 years and over													
Civilian labor force	42,893	43,074	43,566	43,854	44,015	44,158	44,379	44,584	44,859	45,028	44,875	45,095	45,373
Percent of population	56.2	56.3	56.8	57.0	57.1	57.2	57.3	57.5	57.7	57.8	57.5	57.6	57.8
Employed	41,166	41,289	41,843	42,169	42,221	42,380	42,597	42,801	43,066	43,175	42,934	42,917	43,105
Employment-population ratio ²	53.9	53.9	54.5	54.8	54.8	54.9	55.0	55.2	55.4	55.4	55.0	54.8	54.9
Unemployed	1,727	1,785	1,723	1,685	1,795	1,779	1,782	1,782	1,793	1,853	1,941	2,177	2,268
Unemployment rate	4.0	4.1	4.0	3.8	4.1	4.0	4.0	4.0	4.0	4.1	4.3	4.8	5.0
Both sexes, 16 to 19 years													
Civilian labor force	6,946	7,000	6,873	6,830	6,836	6,781	6,756	6,643	6,448	6,201	6,205	6,204	6,003
Percent of population	58.5	59.2	58.5	58.6	59.0	59.0	59.3	59.0	57.9	56.2	56.7	57.3	56.0
Employed	6,039	6,070	6,020	5,958	5,965	5,936	5,895	5,785	5,606	5,337	5,344	5,241	4,989
Employment-population ratio ²	50.8	51.3	51.2	51.1	51.5	51.6	51.8	51.4	50.3	48.4	48.9	48.4	46.5
Unemployed	907	930	854	872	871	845	861	859	842	864	861	962	1,014
Unemployment rate	13.1	13.3	12.4	12.8	12.7	12.5	12.7	12.9	13.1	13.9	13.9	15.5	16.9
Men	13.8	14.3	13.2	14.5	13.7	12.9	13.8	13.2	13.8	15.1	14.8	16.6	18.7
Women	12.3	12.2	11.6	10.9	11.7	12.0	11.6	12.6	12.3	12.7	12.8	14.3	15.0
BLACK													
Civilian noninstitutional population ¹	20,651	20,737	20,813	20,904	20,985	21,061	21,136	21,187	21,259	21,339	21,416	21,493	21,568
Civilian labor force	13,092	13,260	13,338	13,437	13,445	13,533	13,522	13,507	13,531	13,428	13,510	13,511	13,585
Percent of population	63.4	63.9	64.1	64.3	64.1	64.3	64.0	63.8	63.6	62.9	63.1	62.9	63.0
Employed	11,507	11,761	11,861	11,884	11,899	12,018	11,960	12,033	12,090	11,864	11,882	11,880	11,837
Employment-population ratio ²	55.7	56.7	57.0	56.8	56.7	57.1	56.8	56.8	56.9	55.6	55.5	55.3	54.9
Unemployed	1,585	1,499	1,477	1,553	1,546	1,516	1,562	1,474	1,441	1,564	1,628	1,631	1,748
Unemployment rate	12.1	11.3	11.1	11.6	11.5	11.2	11.5	10.9	10.6	11.6	12.0	12.1	12.9
Men, 20 years and over													
Civilian labor force	6,123	6,113	6,153	6,211	6,202	6,217	6,227	6,204	6,259	6,292	6,349	6,358	6,360
Percent of population	74.7	74.2	74.4	74.7	74.3	74.2	74.0	73.5	73.8	73.8	74.2	73.8	73.6
Employed	5,479	5,532	5,565	5,583	5,586	5,613	5,590	5,579	5,656	5,603	5,646	5,641	5,569
Employment-population ratio ²	66.8	67.2	67.3	67.2	66.9	67.0	66.4	66.1	66.7	65.7	66.0	65.5	64.4
Unemployed	644	581	588	628	615	603	637	625	603	689	703	717	791
Unemployment rate	10.5	9.5	9.6	10.1	9.9	9.7	10.2	10.1	9.6	11.0	11.1	11.3	12.4
Women, 20 years and over													
Civilian labor force	6,101	6,219	6,289	6,327	6,321	6,377	6,354	6,415	6,432	6,352	6,350	6,350	6,473
Percent of population	59.4	60.3	60.7	60.7	60.4	60.7	60.2	60.6	60.5	59.5	59.2	59.0	59.8
Employed	5,437	5,596	5,671	5,699	5,702	5,761	5,724	5,818	5,843	5,729	5,704	5,729	5,778
Employment-population ratio ²	52.9	54.2	54.7	54.7	54.5	54.8	54.3	55.0	55.0	53.7	53.2	53.2	53.4
Unemployed	664	623	618	628	620	616	630	597	590	623	645	621	695
Unemployment rate	10.9	10.0	9.8	9.9	9.8	9.7	9.9	9.3	9.2	9.8	10.2	9.8	10.7

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-44. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted—Continued

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	868	927	895	899	922	939	941	888	839	784	811	803	753
Percent of population	39.8	42.5	41.1	41.3	42.4	43.0	43.3	40.9	39.0	36.6	37.9	38.0	35.6
Employed	591	633	625	601	611	643	647	636	591	532	532	510	491
Employment-population ratio ²	27.1	29.0	28.7	27.6	28.1	29.5	29.8	29.3	27.5	24.8	24.9	24.1	23.2
Unemployed	277	295	270	298	311	296	294	252	248	252	279	293	262
Unemployment rate	32.0	31.8	30.2	33.1	33.7	31.5	31.3	28.4	29.6	32.2	34.4	36.5	34.8
Men	30.6	32.1	31.7	32.6	34.7	28.8	31.1	29.6	31.8	33.7	33.6	36.2	37.5
Women	33.5	31.4	28.4	33.7	32.6	34.5	31.4	27.1	27.2	30.5	35.3	36.7	31.7
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	13,268	13,382	13,495	13,606	13,731	13,853	13,977	14,119	14,238	14,356	14,474	14,593	14,711
Civilian labor force	8,891	8,995	9,140	9,229	9,289	9,347	9,436	9,498	9,615	9,645	9,550	9,650	9,723
Percent of population	67.0	67.2	67.7	67.8	67.6	67.5	67.5	67.3	67.5	67.2	66.0	66.1	66.1
Employed	8,107	8,288	8,437	8,541	8,541	8,546	8,682	8,769	8,882	8,863	8,717	8,714	8,799
Employment-population ratio ²	61.1	61.9	62.5	62.8	62.2	61.7	62.1	62.1	62.4	61.7	60.2	59.7	59.8
Unemployed	785	707	704	688	748	801	753	729	733	782	832	936	925
Unemployment rate	8.8	7.9	7.7	7.5	8.1	8.6	8.0	7.7	7.6	8.1	8.7	9.7	9.5

¹ The population figures are not adjusted for seasonal variation.

² Civilian employment as a percent of the civilian noninstitutional population.

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-45. Employed and unemployed full- and part-time workers by sex, and age, seasonally adjusted

(In thousands)

Full- and part- time status, sex, and age	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
EMPLOYED													
Full-time workers	95,016	95,364	95,945	96,711	97,030	97,546	98,048	98,196	98,263	97,918	97,653	96,781	96,648
Men, 16 years and over	56,827	56,938	57,059	57,528	57,788	58,048	58,114	58,117	58,061	57,873	57,880	57,150	57,003
Men, 20 years and over	55,361	55,445	55,586	56,115	56,297	56,462	56,641	56,703	56,662	56,607	56,589	55,929	55,894
Women, 16 years and over	38,233	38,477	38,873	39,121	39,272	39,586	39,913	40,010	40,227	39,991	39,823	39,704	39,672
Women, 20 years and over	37,145	37,349	37,788	38,073	38,195	38,525	38,818	38,986	39,188	39,065	38,912	38,873	38,807
Both sexes, 16 to 19 years	2,510	2,570	2,571	2,522	2,538	2,559	2,589	2,507	2,413	2,246	2,151	1,979	1,948
Part-time workers	19,521	19,816	20,061	20,151	20,092	19,859	19,838	19,925	19,896	19,965	19,896	19,961	20,293
Men, 16 years and over	6,376	6,557	6,503	6,481	6,500	6,362	6,406	6,434	6,459	6,453	6,467	6,471	6,544
Men, 20 years and over	4,334	4,486	4,486	4,500	4,517	4,380	4,419	4,478	4,550	4,592	4,618	4,666	4,805
Women, 16 years and over	13,138	13,290	13,552	13,649	13,589	13,547	13,414	13,470	13,431	13,564	13,407	13,477	13,732
Women, 20 years and over	10,945	11,034	11,324	11,420	11,385	11,314	11,239	11,331	11,385	11,508	11,450	11,472	11,789
Both sexes, 16 to 19 years	4,242	4,296	4,251	4,231	4,189	4,165	4,180	4,116	3,961	3,865	3,827	3,824	3,699
UNEMPLOYED													
Looking for full-time work	5,318	5,347	5,202	5,139	5,179	5,249	5,247	5,276	5,285	5,583	6,056	6,751	6,967
Men, 16 years and over	3,098	3,144	3,060	2,912	2,941	3,036	3,057	3,055	3,120	3,293	3,582	4,199	4,238
Men, 20 years and over	2,758	2,760	2,717	2,621	2,585	2,689	2,685	2,762	2,790	2,962	3,260	3,753	3,894
Women, 16 years and over	2,238	2,227	2,171	2,140	2,262	2,243	2,215	2,163	2,184	2,292	2,466	2,644	2,710
Women, 20 years and over	1,981	1,982	1,923	1,918	1,989	1,985	1,957	1,945	1,951	2,064	2,220	2,368	2,465
Both sexes, 16 to 19 years	579	605	563	600	605	575	605	570	543	557	575	629	608
Looking for part-time work	1,334	1,344	1,286	1,298	1,323	1,288	1,347	1,312	1,333	1,381	1,310	1,446	1,551
Men, 16 years and over	533	541	512	534	536	502	539	494	531	571	543	591	624
Men, 20 years and over	205	191	214	216	213	193	232	221	235	262	224	233	249
Women, 16 years and over	804	802	779	766	784	788	807	822	798	806	764	852	910
Women, 20 years and over	490	502	492	486	505	490	533	527	514	522	484	551	597
Both sexes, 16 to 19 years	639	652	581	595	605	605	582	564	584	596	603	662	705

NOTE: Employed persons with a job but not at work and persons at work part time are distributed according to whether they usually work full

or part time; unemployed persons are classified according to whether they are seeking full- or part-time jobs.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-46. Employed civilians by selected social and economic categories, seasonally adjusted

(In thousands)

Category	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
CHARACTERISTIC													
Total	114,607	115,212	115,972	116,837	117,185	117,465	117,832	118,065	118,201	117,818	117,564	116,865	116,958
Married men, spouse present	40,418	40,569	40,520	40,870	40,961	40,843	40,887	41,067	40,750	40,698	40,802	40,365	40,373
Married women, spouse present	28,819	28,807	29,057	29,475	29,536	29,416	29,707	29,739	29,852	29,843	29,759	29,598	29,749
Women who maintain families	6,078	6,226	6,368	6,361	6,334	6,405	6,353	6,311	6,390	6,375	6,354	6,413	6,414
OCCUPATION													
Managerial and professional specialty	29,160	29,418	29,594	30,055	30,399	30,395	30,730	30,632	30,514	30,748	30,741	30,652	30,913
Technical, sales, and administrative support	35,227	35,652	35,729	35,641	36,159	36,214	36,434	37,002	37,008	36,350	36,356	36,242	36,344
Service occupations	15,251	15,332	15,569	15,594	15,440	15,759	15,449	15,490	15,774	15,884	15,882	15,823	15,939
Precision production, craft, and repair	13,901	13,593	13,666	13,870	13,732	13,723	13,915	13,753	13,668	13,629	13,500	13,315	13,195
Operators, fabricators, and laborers	17,689	17,901	17,976	18,171	18,092	17,922	17,967	17,759	17,776	17,788	17,768	17,092	17,104
Farming, forestry, and fishing	3,426	3,369	3,502	3,449	3,331	3,488	3,397	3,372	3,421	3,427	3,391	3,441	3,472
INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,627	1,579	1,654	1,671	1,608	1,696	1,665	1,632	1,675	1,707	1,689	1,596	1,704
Self-employed workers	1,367	1,396	1,412	1,407	1,384	1,428	1,389	1,399	1,457	1,346	1,403	1,419	1,434
Unpaid family workers	158	147	151	156	128	132	119	115	108	102	106	153	109
Nonagricultural industries:													
Wage and salary workers	102,507	103,289	103,903	104,725	105,199	105,329	105,763	105,963	105,989	105,699	105,249	104,574	104,552
Government	17,040	17,084	17,311	17,376	17,267	17,547	17,681	17,683	17,894	17,727	17,656	17,767	17,956
Private industries	85,467	86,205	86,592	87,349	87,933	87,782	88,082	88,280	88,095	87,972	87,593	86,807	86,596
Private households	1,140	1,124	1,192	1,160	1,134	1,095	1,031	1,024	996	1,030	1,007	967	961
Other industries	84,327	85,081	85,399	86,189	86,799	86,687	87,052	87,256	87,099	86,942	86,586	85,840	85,635
Self-employed workers	8,651	8,556	8,557	8,605	8,591	8,616	8,606	8,720	8,745	8,727	8,652	8,847	8,969
Unpaid family workers	286	243	274	300	274	267	268	275	246	244	248	232	226
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	5,124	5,246	5,117	4,972	4,972	4,854	4,778	4,909	4,911	5,131	5,476	5,911	5,933
Slack work	2,292	2,355	2,337	2,286	2,328	2,321	2,300	2,369	2,450	2,573	2,792	3,154	3,222
Could only find part-time work	2,463	2,498	2,397	2,337	2,327	2,173	2,107	2,175	2,147	2,227	2,329	2,369	2,448
Voluntary part time	14,791	15,030	15,364	15,351	15,422	15,507	15,354	15,266	15,334	15,277	15,086	14,874	15,167
Nonagricultural industries:													
Part time for economic reasons	4,889	5,017	4,855	4,715	4,771	4,608	4,535	4,679	4,705	4,887	5,187	5,623	5,694
Slack work	2,156	2,200	2,181	2,108	2,164	2,165	2,140	2,214	2,263	2,390	2,611	2,956	3,039
Could only find part-time work	2,365	2,451	2,311	2,265	2,262	2,102	2,048	2,111	2,091	2,173	2,254	2,295	2,365
Voluntary part time	14,307	14,604	14,905	14,920	14,990	15,059	14,929	14,817	14,837	14,846	14,674	14,481	14,729

¹ Excludes persons "with a job but not at work" during the survey

period for such reasons as vacation, illness, or industrial dispute.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-47. Employed civilians by sex and age, seasonally adjusted

(In thousands)

Sex and age	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	114,607	115,212	115,972	116,837	117,185	117,465	117,832	118,085	118,201	117,818	117,564	116,865	116,958
16 to 24 years	20,033	20,118	19,924	19,838	19,819	19,735	19,432	19,306	19,053	18,618	18,556	18,301	17,867
16 to 19 years	6,801	6,895	6,795	6,735	6,761	6,765	6,736	6,620	6,390	6,027	6,012	5,917	5,869
16 to 17 years	2,731	2,705	2,690	2,590	2,592	2,558	2,583	2,506	2,379	2,206	2,220	2,251	2,134
18 to 19 years	4,070	4,181	4,108	4,151	4,161	4,214	4,150	4,115	4,002	3,824	3,790	3,677	3,524
20 to 24 years	13,233	13,224	13,129	13,103	13,058	12,970	12,696	12,686	12,663	12,591	12,544	12,384	12,198
25 years and over	94,549	95,135	96,020	97,001	97,343	97,779	98,370	98,763	99,126	99,260	98,981	98,533	99,078
25 to 54 years	79,970	80,576	81,257	82,093	82,425	82,992	83,555	83,872	84,209	84,329	84,157	83,801	84,359
55 years and over	14,564	14,581	14,783	14,874	14,899	14,813	14,843	14,861	14,905	14,949	14,855	14,738	14,706
Men, 16 years and over	63,233	63,457	63,566	64,010	64,318	64,358	64,530	64,559	64,541	64,289	64,357	63,645	63,550
16 to 24 years	10,438	10,471	10,349	10,330	10,315	10,243	10,157	10,065	9,947	9,717	9,722	9,490	9,249
16 to 19 years	3,511	3,542	3,479	3,423	3,471	3,515	3,464	3,419	3,301	3,094	3,141	3,038	2,855
16 to 17 years	1,408	1,411	1,386	1,308	1,322	1,328	1,324	1,298	1,224	1,132	1,171	1,171	1,090
18 to 19 years	2,096	2,126	2,101	2,129	2,138	2,193	2,142	2,125	2,063	1,962	1,970	1,879	1,751
20 to 24 years	6,927	6,929	6,870	6,908	6,844	6,728	6,693	6,646	6,646	6,623	6,581	6,451	6,395
25 years and over	52,774	53,007	53,205	53,692	53,987	54,139	54,359	54,492	54,581	54,594	54,623	54,129	54,308
25 to 54 years	44,248	44,512	44,727	45,132	45,381	45,673	45,908	46,003	46,078	46,072	46,130	45,774	45,912
55 years and over	8,507	8,505	8,494	8,556	8,580	8,480	8,470	8,484	8,479	8,534	8,514	8,332	8,371
Women, 16 years and over	51,374	51,755	52,405	52,826	52,867	53,107	53,302	53,526	53,660	53,530	53,207	53,220	53,408
16 to 24 years	9,595	9,647	9,575	9,508	9,504	9,492	9,276	9,241	9,106	8,901	8,834	8,811	8,618
16 to 19 years	3,290	3,352	3,316	3,313	3,290	3,250	3,272	3,201	3,089	2,933	2,871	2,878	2,814
16 to 17 years	1,323	1,294	1,303	1,282	1,271	1,230	1,259	1,209	1,155	1,075	1,049	1,080	1,044
18 to 19 years	1,974	2,054	2,006	2,022	2,024	2,021	2,008	1,990	1,939	1,862	1,820	1,797	1,773
20 to 24 years	6,305	6,295	6,259	6,195	6,214	6,242	6,004	6,040	6,016	5,968	5,963	5,933	5,804
25 years and over	41,775	42,128	42,815	43,309	43,356	43,640	44,011	44,271	44,546	44,666	44,358	44,403	44,771
25 to 54 years	35,722	36,064	36,530	36,961	37,044	37,320	37,647	37,869	38,131	38,257	38,026	38,027	38,447
55 years and over	6,057	6,076	6,290	6,318	6,319	6,333	6,374	6,377	6,426	6,416	6,340	6,346	6,335

A-48. Unemployed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	6,668	6,702	6,493	6,414	6,515	6,554	6,600	6,562	6,638	6,976	7,360	8,149	8,553
16 to 24 years	2,483	2,462	2,373	2,410	2,408	2,407	2,413	2,315	2,339	2,372	2,451	2,690	2,789
16 to 19 years	1,217	1,249	1,148	1,200	1,208	1,174	1,190	1,141	1,126	1,147	1,178	1,298	1,312
16 to 17 years	561	608	525	542	516	538	539	496	517	494	513	532	554
18 to 19 years	666	641	616	651	703	638	647	637	619	655	661	757	769
20 to 24 years	1,266	1,213	1,225	1,210	1,201	1,233	1,223	1,175	1,213	1,225	1,274	1,392	1,478
25 years and over	4,181	4,224	4,115	4,024	4,103	4,123	4,180	4,272	4,298	4,577	4,900	5,491	5,762
25 to 54 years	3,710	3,755	3,685	3,585	3,625	3,643	3,701	3,763	3,829	4,054	4,391	4,921	5,139
55 years and over	475	455	433	442	479	472	484	513	474	512	517	576	634
Men, 16 years and over	3,627	3,664	3,555	3,504	3,472	3,518	3,581	3,573	3,658	3,882	4,123	4,653	4,914
16 to 24 years	1,329	1,345	1,278	1,322	1,295	1,309	1,339	1,261	1,293	1,284	1,341	1,540	1,590
16 to 19 years	657	695	627	688	664	613	664	615	618	636	646	707	745
16 to 17 years	297	329	296	304	300	296	305	256	274	272	279	310	294
18 to 19 years	363	366	328	381	368	319	359	355	346	366	367	392	454
20 to 24 years	673	650	651	635	631	696	675	646	675	649	695	833	845
25 years and over	2,296	2,304	2,271	2,201	2,171	2,185	2,238	2,338	2,361	2,570	2,777	3,147	3,317
25 to 54 years	1,999	2,017	2,008	1,928	1,893	1,892	1,952	2,025	2,066	2,236	2,457	2,778	2,914
55 years and over	294	278	271	269	277	292	295	308	297	330	332	362	404
Women, 16 years and over	3,041	3,038	2,937	2,910	3,043	3,037	3,019	2,989	2,979	3,095	3,237	3,495	3,639
16 to 24 years	1,154	1,118	1,095	1,088	1,113	1,098	1,075	1,054	1,047	1,088	1,110	1,150	1,200
16 to 19 years	560	554	521	512	544	560	526	508	512	531	531	591	567
16 to 17 years	264	279	229	238	217	242	235	240	243	222	234	223	260
18 to 19 years	303	276	287	270	335	319	288	282	273	289	294	365	315
20 to 24 years	594	563	574	576	570	537	548	528	538	576	579	559	633
25 years and over	1,885	1,920	1,844	1,823	1,932	1,938	1,942	1,934	1,937	2,007	2,123	2,344	2,445
25 to 54 years	1,710	1,738	1,677	1,657	1,733	1,752	1,749	1,738	1,763	1,817	1,933	2,143	2,225
55 years and over	181	177	162	173	203	180	189	205	177	182	185	215	230

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-49. Unemployment rates by sex and age, seasonally adjusted

(Civilian workers)

Sex and age	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	5.5	5.5	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.5	6.8
16 to 24 years	11.0	10.9	10.6	10.8	10.8	10.9	11.0	10.7	10.9	11.3	11.7	12.8	13.5
16 to 19 years	15.2	15.3	14.4	15.1	15.2	14.8	15.0	14.7	15.0	16.0	16.4	18.0	18.8
16 to 17 years	17.0	18.4	16.3	17.3	16.6	17.4	17.3	16.5	17.9	18.3	18.8	19.1	20.6
18 to 19 years	14.1	13.3	13.0	13.6	14.5	13.1	13.5	13.4	13.4	14.6	14.9	17.1	17.9
20 to 24 years	8.7	8.4	8.5	8.5	8.4	8.7	8.8	8.5	8.7	8.9	9.2	10.1	10.8
25 years and over	4.2	4.3	4.1	4.0	4.0	4.0	4.1	4.1	4.2	4.4	4.7	5.3	5.5
25 to 54 years	4.4	4.5	4.3	4.2	4.2	4.2	4.2	4.3	4.3	4.6	5.0	5.5	5.7
55 years and over	3.2	3.0	2.8	2.9	3.1	3.1	3.2	3.3	3.1	3.3	3.4	3.8	4.1
Men, 16 years and over	5.4	5.5	5.3	5.2	5.1	5.2	5.3	5.2	5.4	5.7	6.0	6.8	7.2
16 to 24 years	11.3	11.4	11.0	11.3	11.2	11.3	11.6	11.1	11.5	11.7	12.1	14.0	14.7
16 to 19 years	15.8	16.4	15.3	16.7	16.1	14.9	16.1	15.2	15.8	17.0	17.1	18.9	20.7
16 to 17 years	17.4	18.9	17.6	18.9	18.5	18.2	18.7	16.5	18.3	19.4	19.3	20.9	21.2
18 to 19 years	14.8	14.7	13.5	15.2	14.7	12.7	14.3	14.3	14.4	15.7	15.7	17.3	20.6
20 to 24 years	8.9	8.6	8.7	8.4	8.4	9.4	9.2	8.9	9.2	8.9	9.5	11.4	11.7
25 years and over	4.2	4.2	4.1	3.9	3.9	3.9	4.0	4.1	4.1	4.5	4.8	5.5	5.8
25 to 54 years	4.3	4.3	4.3	4.1	4.0	4.0	4.1	4.2	4.3	4.6	5.1	5.7	6.0
55 years and over	3.3	3.2	3.1	3.0	3.1	3.3	3.4	3.5	3.4	3.7	3.7	4.2	4.6
Women, 16 years and over	5.6	5.5	5.3	5.2	5.4	5.4	5.4	5.3	5.3	5.5	5.7	6.2	6.4
16 to 24 years	10.7	10.4	10.3	10.3	10.5	10.4	10.4	10.2	10.3	10.9	11.2	11.5	12.2
16 to 19 years	14.5	14.2	13.6	13.4	14.2	14.7	13.9	14.1	14.1	14.9	15.6	17.0	16.8
16 to 17 years	16.6	17.7	15.0	15.7	14.6	16.4	15.7	16.6	17.4	17.1	18.2	17.1	19.9
18 to 19 years	13.3	11.8	12.5	11.8	14.2	13.6	12.5	12.4	12.3	13.4	13.9	16.9	15.1
20 to 24 years	8.6	8.2	8.4	8.5	8.4	7.9	8.4	8.0	8.2	8.8	8.9	8.6	9.8
25 years and over	4.3	4.4	4.1	4.0	4.3	4.3	4.2	4.2	4.2	4.3	4.6	5.0	5.2
25 to 54 years	4.6	4.6	4.4	4.3	4.5	4.5	4.4	4.4	4.4	4.5	4.8	5.3	5.5
55 years and over	2.9	2.8	2.5	2.7	3.1	2.8	2.9	3.1	2.7	2.8	2.8	3.3	3.5

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-50. Selected unemployment indicators, seasonally adjusted

(Unemployment rates)

Category	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
CHARACTERISTIC													
Total (all civilian workers)	5.5	5.5	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.6	5.9	6.5	6.8
Men, 20 years and over	4.7	4.7	4.6	4.4	4.4	4.6	4.6	4.6	4.7	5.0	5.4	6.1	6.4
Women, 20 years and over	4.9	4.9	4.7	4.6	4.8	4.7	4.7	4.7	4.7	4.9	5.1	5.5	5.7
Both sexes, 16 to 19 years	15.2	15.3	14.4	15.1	15.2	14.8	15.0	14.7	15.0	16.0	16.4	18.0	18.8
White	4.6	4.8	4.6	4.4	4.5	4.5	4.5	4.6	4.6	4.8	5.1	5.8	6.0
Black and other	10.8	10.0	9.8	10.2	10.0	9.8	10.1	9.6	9.5	10.5	10.9	10.8	11.3
Black	12.1	11.3	11.1	11.6	11.5	11.2	11.5	10.9	10.6	11.6	12.0	12.1	12.9
Hispanic origin	8.8	7.9	7.7	7.5	8.1	8.6	8.0	7.7	7.6	8.1	8.7	9.7	9.5
Married men, spouse present	3.2	3.2	3.2	3.0	3.0	3.1	3.1	3.2	3.2	3.4	3.7	4.3	4.5
Married women, spouse present	3.9	3.9	3.7	3.5	3.9	3.8	3.8	3.7	3.6	3.8	4.0	4.4	4.6
Women who maintain families	8.4	7.9	7.9	8.0	8.1	7.9	7.9	7.9	7.8	8.5	8.6	9.0	9.4
Full-time workers	5.1	5.1	5.0	4.9	4.9	5.0	4.9	5.0	5.0	5.2	5.7	6.3	6.5
Part-time workers	7.6	7.6	7.2	7.2	7.3	7.1	7.4	7.3	7.4	7.6	7.4	8.1	8.6
Unemployed 15 weeks and over ¹	1.3	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.6	1.9
Labor force time lost ²	6.3	6.4	6.1	6.0	6.0	6.0	5.9	5.9	6.0	6.3	6.7	7.4	7.6
OCCUPATION³													
Managerial and professional specialty	1.9	2.0	1.9	2.0	2.0	1.9	2.0	1.9	2.1	2.2	2.2	2.6	2.8
Technical, sales, and administrative support	4.0	4.1	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.2	4.6	4.9	5.2
Precision production, craft, and repair	5.2	5.0	5.5	5.3	5.3	5.1	5.2	5.2	5.3	6.2	6.8	7.5	7.9
Operators, fabricators, and laborers	8.4	8.3	7.9	7.7	7.8	8.5	8.1	8.5	8.4	8.2	9.3	10.9	10.9
Farming, forestry, and fishing	6.9	7.5	6.5	6.4	6.6	5.7	6.8	6.1	6.1	6.4	6.2	8.2	7.1
INDUSTRY													
Nonagricultural private wage and salary workers	5.5	5.5	5.4	5.3	5.3	5.4	5.4	5.5	5.5	5.7	6.1	6.8	7.2
Goods-producing industries	6.5	6.5	6.3	6.1	6.1	6.4	6.3	6.5	6.6	6.9	7.8	8.8	9.3
Mining	8.6	7.1	8.2	6.7	5.0	6.9	5.1	5.6	4.1	4.3	4.9	6.9	7.4
Construction	10.5	10.2	10.2	10.1	9.7	10.4	9.4	9.5	10.5	11.2	13.4	14.7	15.1
Manufacturing	5.2	5.4	5.1	4.9	5.1	5.2	5.4	5.6	5.5	5.7	6.3	7.1	7.7
Durable goods	4.9	5.2	4.9	4.6	4.7	4.9	5.3	5.5	5.4	5.8	6.5	7.7	8.1
Nondurable goods	5.8	5.9	5.5	5.3	5.6	5.6	5.6	5.9	5.6	5.6	6.0	6.4	7.1
Service-producing industries	5.0	5.0	5.0	4.9	5.0	5.0	4.9	5.0	5.0	5.2	5.4	6.0	6.2
Transportation and public utilities	4.0	3.7	3.8	3.9	4.1	4.1	3.6	3.8	3.6	3.9	4.1	5.1	5.4
Wholesale and retail trade	6.1	6.2	6.0	5.9	5.8	6.0	6.2	6.2	6.3	6.3	6.7	7.4	7.5
Finance and service industries	4.5	4.4	4.4	4.4	4.5	4.4	4.3	4.4	4.5	4.6	4.7	5.2	5.5
Government workers	2.9	2.8	2.5	2.8	2.9	2.7	2.6	2.4	2.5	2.8	2.8	3.3	3.1
Agricultural wage and salary workers	10.6	11.1	9.6	9.2	9.9	8.5	10.7	9.6	9.5	9.6	10.2	12.4	11.1

¹ Unemployment as a percent of the civilian labor force.

² Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

³ Seasonally adjusted data for service occupations are not available because the seasonal components are small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-51. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Weeks of unemployment	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
DURATION													
Less than 5 weeks	3,110	3,103	3,040	3,141	3,179	3,151	3,205	3,157	3,121	3,168	3,232	3,466	3,456
5 to 14 weeks	1,967	1,978	1,938	1,918	1,996	2,007	1,992	2,051	2,142	2,232	2,414	2,710	2,775
15 weeks and over	1,606	1,601	1,483	1,379	1,363	1,368	1,370	1,380	1,419	1,560	1,686	1,996	2,345
15 to 26 weeks	782	796	754	701	706	772	732	741	765	830	924	1,090	1,281
27 weeks and over	824	805	729	679	657	596	638	639	654	730	762	905	1,064
Average (mean) duration, in weeks	13.5	13.5	12.9	12.4	11.9	11.6	11.6	11.8	11.9	12.3	12.3	12.7	13.6
Median duration, in weeks	5.9	5.9	5.7	5.5	5.4	5.2	4.9	5.1	5.2	5.5	5.9	6.2	6.8
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	46.5	46.4	47.1	48.8	48.6	48.3	48.8	47.9	46.7	45.5	44.1	42.4	40.3
5 to 14 weeks	29.4	29.6	30.0	29.8	30.5	30.8	30.3	31.1	32.1	32.1	32.9	33.2	32.4
15 weeks and over	24.0	24.0	23.0	21.4	20.9	21.0	20.9	20.9	21.2	22.4	23.0	24.4	27.3
15 to 26 weeks	11.7	11.9	11.7	10.9	10.8	11.8	11.1	11.2	11.4	11.9	12.6	13.3	14.9
27 weeks and over	12.3	12.1	11.3	10.5	10.0	9.1	9.7	9.7	9.8	10.5	10.4	11.1	12.4

A-52. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reasons for unemployment	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
NUMBER OF UNEMPLOYED													
Job losers	3,110	3,106	2,988	2,929	2,860	2,958	3,039	3,095	3,174	3,351	3,705	4,429	4,685
On layoff	840	868	825	796	821	860	898	971	970	1,027	1,114	1,349	1,367
Other job losers	2,270	2,238	2,163	2,134	2,040	2,098	2,141	2,124	2,203	2,324	2,591	3,080	3,317
Job leavers	962	965	981	953	1,036	1,030	1,026	1,015	1,058	988	1,000	989	1,043
Reentrants	1,785	1,799	1,749	1,800	1,934	1,838	1,850	1,813	1,820	1,915	1,988	2,043	2,133
New entrants	844	791	768	748	713	667	681	657	621	670	667	668	754
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	46.4	46.6	46.1	45.6	43.7	45.6	46.1	47.0	47.6	48.4	50.3	54.5	54.4
On layoff	12.5	13.0	12.7	12.4	12.5	13.2	13.6	14.8	14.5	14.8	15.1	16.6	15.9
Other job losers	33.9	33.6	33.3	33.2	31.2	32.3	32.5	32.3	33.0	33.6	35.2	37.9	38.5
Job leavers	14.4	14.5	15.1	14.8	15.8	15.9	15.6	15.4	15.9	14.3	13.6	12.2	12.1
Reentrants	26.6	27.0	27.0	28.0	29.6	28.3	28.0	27.6	27.3	27.7	27.0	25.1	24.8
New entrants	12.6	11.9	11.8	11.6	10.9	10.3	10.3	10.0	9.3	9.7	9.1	8.2	8.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	2.6	2.5	2.4	2.4	2.3	2.4	2.4	2.5	2.5	2.7	3.0	3.5	3.7
Job leavers .....	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8
Reentrants	1.5	1.5	1.4	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.7
New entrants .....	.7	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.6

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-53. Persons not in the labor force by reason, sex, and race, seasonally adjusted

(In thousands)

Reason, sex, and race	1988			1989				1990				1991	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
TOTAL													
Total not in labor force	63,114	62,926	62,789	62,522	62,478	62,583	62,586	62,764	62,985	63,471	63,772	64,099	64,012
Do not want a job now	57,758	57,723	57,385	57,283	57,169	57,121	57,370	57,332	57,449	58,248	58,188	58,404	58,637
Current activity:													
Going to school	6,423	6,460	6,315	6,375	6,362	6,445	6,248	6,397	6,606	6,927	6,707	6,614	6,837
Ill, disabled	4,453	4,458	4,665	4,595	4,747	4,684	4,731	4,692	4,994	5,099	5,115	4,963	4,856
Keeping house	25,426	25,379	24,542	24,451	24,186	24,043	23,827	23,897	23,422	23,619	23,562	23,117	23,440
Retired	16,775	16,838	17,212	17,200	17,377	17,726	18,211	18,228	18,349	18,542	18,598	19,110	19,013
Other activity	4,680	4,587	4,650	4,661	4,498	4,223	4,352	4,118	4,079	4,061	4,206	4,600	4,491
Want a job now	5,314	5,222	5,411	5,347	5,302	5,454	5,142	5,482	5,571	5,356	5,530	5,728	5,519
Reason not looking:													
School attendance	1,294	1,348	1,401	1,303	1,279	1,439	1,243	1,412	1,429	1,410	1,393	1,432	1,371
Ill health, disability	811	802	779	889	928	894	902	918	915	876	947	1,029	870
Home responsibilities	1,214	1,122	1,135	1,190	1,157	1,163	1,245	1,181	1,263	1,229	1,150	1,201	1,148
Think cannot get a job	905	932	930	887	859	808	799	784	879	831	941	997	981
Job-market factors	604	600	572	583	525	512	543	508	539	519	588	657	711
Personal factors	301	332	358	304	334	297	256	276	340	312	353	340	270
Other reasons ¹	1,090	1,018	1,166	1,078	1,079	1,150	953	1,188	1,084	1,010	1,100	1,069	1,148
Men													
Total not in labor force	20,885	20,861	21,059	20,934	20,865	20,993	20,966	21,182	21,336	21,597	21,505	21,909	21,953
Do not want a job now	19,008	18,942	19,061	19,049	18,976	18,921	19,161	19,206	19,349	19,674	19,567	19,673	20,015
Want a job now	1,875	1,881	2,009	1,965	1,899	1,989	1,771	2,018	2,011	1,951	1,927	2,151	2,007
Reason not looking:													
School attendance	674	647	710	653	633	715	596	742	689	713	629	769	640
Ill health, disability	353	371	370	418	449	473	427	454	487	436	453	552	422
Think cannot get a job	404	446	442	426	399	340	367	333	362	395	383	405	430
Other reasons ¹	444	418	487	468	418	461	381	489	474	407	462	425	514
Women													
Total not in labor force	42,229	42,065	41,729	41,589	41,613	41,591	41,619	41,583	41,650	41,875	42,267	42,190	42,059
Do not want a job now	38,750	38,781	38,324	38,234	38,194	38,199	38,209	38,127	38,100	38,574	38,621	38,731	38,622
Want a job now	3,439	3,341	3,402	3,381	3,404	3,465	3,372	3,463	3,560	3,405	3,603	3,576	3,513
Reason not looking:													
School attendance	620	701	690	650	647	723	647	670	740	698	763	663	731
Ill health, disability	458	431	409	471	478	421	475	464	428	441	494	477	448
Home responsibilities	1,214	1,122	1,135	1,190	1,157	1,163	1,245	1,181	1,263	1,229	1,150	1,201	1,148
Think cannot get a job	501	486	488	460	461	469	432	450	518	435	558	592	551
Other reasons	647	601	680	610	661	689	572	698	610	603	638	644	634
White													
Total not in labor force	53,568	53,431	53,225	53,015	52,973	53,088	52,897	52,959	53,103	53,302	53,549	53,801	53,719
Do not want a job now	49,728	49,688	49,316	49,297	49,149	49,265	49,245	49,041	49,082	49,362	49,636	49,543	49,991
Want a job now	3,828	3,683	3,890	3,847	3,754	3,774	3,687	4,020	3,931	3,909	3,905	4,195	3,770
Reason not looking:													
School attendance	909	879	936	906	893	962	849	990	953	983	874	1,046	908
Ill health, disability	612	564	560	663	646	596	648	669	648	664	748	737	593
Home responsibilities	831	805	827	815	817	787	904	861	916	904	828	913	820
Think cannot get a job	590	605	649	586	520	530	532	553	607	589	612	651	611
Other reasons ¹	887	830	918	878	879	899	753	948	807	769	843	848	838
Black													
Total not in labor force	7,559	7,477	7,475	7,467	7,540	7,528	7,614	7,680	7,728	7,911	7,906	7,982	7,983
Do not want a job now	6,319	6,244	6,183	6,140	6,274	6,000	6,326	6,394	6,404	6,705	6,469	6,693	6,533
Want a job now	1,267	1,232	1,275	1,316	1,304	1,609	1,268	1,273	1,350	1,239	1,408	1,267	1,494
Reason not looking:													
School attendance	322	322	379	335	308	452	339	355	405	340	440	314	377
Ill health, disability	186	226	201	216	241	297	252	227	231	181	183	233	248
Home responsibilities	322	259	274	341	274	350	306	289	274	310	303	277	274
Think cannot get a job	274	280	215	257	323	256	223	200	207	203	265	269	344
Other reasons ¹	164	145	206	168	159	254	147	203	233	205	217	174	251

¹Includes small number of men not looking for work because of "home responsibilities."

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-54. Persons not in the labor force by reason, sex, and age

(In thousands)

Reason and sex	Total		Age							
	|| 1990	|| 1991	16 to 19 years		20 to 24 years		25 to 59 years		60 years and over	
			|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991
TOTAL										
Total not in labor force	62,904	63,977	6,189	6,314	3,873	4,117	20,906	21,094	31,936	32,452
Do not want a job now	57,068	58,216	4,744	4,884	2,947	3,203	18,009	18,257	31,368	31,871
Current activity:										
Going to school	6,015	6,249	3,767	3,855	1,372	1,504	859	878	17	13
Ill, disabled	5,150	5,003	47	60	123	134	2,778	2,699	2,202	2,110
Keeping house	23,418	23,411	315	355	1,133	1,200	11,330	11,313	10,640	10,544
Retired	18,505	19,176	—	—	2	—	462	451	18,041	18,725
Other activity	3,979	4,377	615	615	316	366	2,581	2,916	468	480
Want a job now	5,836	5,762	1,445	1,430	926	914	2,897	2,837	569	581
Reason for not looking:										
School attendance	1,823	1,764	1,129	1,115	396	381	298	261	—	7
Ill health, disability	952	912	17	18	47	49	692	672	197	172
Home responsibility	1,226	1,110	59	54	234	207	883	813	50	36
Think cannot get a job	799	885	81	124	131	95	456	496	131	170
Job-market factors	494	645	37	89	86	77	334	379	37	100
Personal factors	305	241	44	35	45	18	122	117	94	71
Other reasons ¹	1,036	1,091	159	118	118	182	568	595	191	195
Men										
Total not in labor force	21,183	21,826	2,957	3,087	1,271	1,424	4,446	4,583	12,509	12,732
Do not want a job now	18,962	19,593	2,216	2,359	930	1,089	3,553	3,687	12,263	12,458
Current activity:										
Going to school	2,869	3,072	1,875	1,983	671	753	316	336	7	—
Ill, disabled	2,698	2,527	22	34	66	86	1,549	1,449	1,061	958
Keeping house	435	460	5	35	39	30	192	192	198	204
Retired	11,016	11,307	—	—	2	—	326	334	10,689	10,973
Other activity	1,945	2,228	314	308	152	220	1,170	1,376	308	323
Want a job now	2,221	2,233	740	728	341	335	893	896	246	274
Reason for not looking:										
School attendance	912	876	607	583	199	177	105	113	—	3
Ill health, disability	507	445	8	6	18	26	388	351	93	63
Think cannot get a job	342	411	42	79	71	58	188	188	41	85
Other reasons ¹	460	500	84	59	53	74	212	244	112	123
Women										
Total not in labor force	41,721	42,151	3,232	3,227	2,602	2,693	16,460	16,511	19,427	19,721
Do not want a job now	38,105	38,622	2,528	2,524	2,017	2,114	14,456	14,570	19,104	19,414
Current activity:										
Going to school	3,146	3,177	1,892	1,872	701	751	543	542	10	13
Ill, disabled	2,452	2,475	25	26	58	47	1,229	1,250	1,140	1,152
Keeping house	22,984	22,951	310	320	1,094	1,170	11,138	11,121	10,442	10,340
Retired	7,488	7,869	—	—	—	—	136	117	7,352	7,752
Other activity	2,034	2,149	301	307	164	146	1,410	1,540	160	157
Want a job now	3,616	3,529	704	702	585	579	2,004	1,941	323	307
Reason for not looking:										
School attendance	912	888	522	532	197	204	193	148	—	4
Ill health, disability	445	466	9	13	29	22	304	322	103	110
Home responsibility	1,226	1,110	59	54	234	207	883	813	50	36
Think cannot get a job	458	474	39	45	60	37	268	307	90	85
Other reasons ¹	576	591	76	59	65	108	356	351	79	72

¹ Includes small number of men not looking for work because of "home responsibilities."

NOTE: Detail in tables A-54 and A-55 may not add to not-in-labor-

force totals because of differences in the weighting patterns used in aggregating these data.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-55. Persons not in the labor force by reason, race, Hispanic origin, age, and sex

(In thousands)

Reason, race, and Hispanic origin	Total		Age						Sex			
	|| 1990	|| 1991	16 to 24 years		25 to 59 years		60 years and over		Men		Women	
			|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991
WHITE												
Total not in labor force	52,914	53,561	7,452	7,652	17,031	16,986	28,432	28,924	17,586	18,078	35,328	35,483
Do not want a job now	48,670	49,571	5,783	5,955	14,888	15,160	27,999	28,456	16,022	16,477	32,648	33,094
Current activity:												
Going to school	4,518	4,530	3,859	3,919	649	603	10	8	2,183	2,242	2,335	2,287
Ill, disabled	3,983	3,842	121	145	2,067	2,001	1,796	1,696	2,134	1,969	1,849	1,872
Keeping house	20,486	20,411	1,127	1,179	9,733	9,764	9,626	9,468	315	326	20,171	20,085
Retired	16,567	17,235	2	--	414	411	16,150	16,825	9,883	10,191	6,684	7,044
Other activity	3,116	3,553	675	712	2,025	2,383	417	458	1,507	1,749	1,609	1,805
Want a job now	4,208	4,018	1,659	1,671	2,105	1,878	444	469	1,565	1,578	2,643	2,440
Reason for not looking:												
School attendance	1,303	1,241	1,095	1,081	207	153	--	7	635	623	668	618
Ill health, disability	678	627	47	49	495	455	136	123	354	331	324	295
Home responsibility	887	791	192	188	659	575	36	29	--	--	887	791
Think cannot get a job	566	567	144	127	307	302	115	137	226	275	340	291
Other reasons ¹	774	793	180	226	437	394	157	173	351	349	424	445
BLACK												
Total not in labor force	7,764	8,026	2,060	2,111	2,884	3,061	2,820	2,854	2,839	2,921	4,926	5,105
Do not want a job now	6,410	6,542	1,452	1,536	2,247	2,247	2,711	2,759	2,302	2,393	4,108	4,149
Current activity:												
Going to school	1,044	1,128	933	972	108	151	3	4	469	515	575	613
Ill, disabled	1,048	1,039	46	34	629	617	372	388	490	505	558	534
Keeping house	2,131	2,198	252	315	1,077	1,041	802	843	112	113	2,019	2,086
Retired	1,541	1,539	--	--	37	28	1,504	1,511	880	887	680	652
Other activity	647	638	220	215	396	410	31	13	351	374	296	264
Want a job now	1,354	1,484	608	575	637	814	108	95	536	528	818	956
Reason for not looking:												
School attendance	435	427	359	347	75	80	--	--	215	190	219	237
Ill health, disability	243	262	17	17	171	200	55	46	138	103	105	158
Home responsibility	282	275	86	70	182	202	14	4	--	--	282	275
Think cannot get a job	175	284	60	82	101	172	14	30	86	119	89	165
Other reasons ¹	219	236	86	60	108	161	25	15	97	116	122	120
HISPANIC ORIGIN												
Total not in labor force	4,589	4,954	1,216	1,361	2,122	2,323	1,251	1,270	1,307	1,418	3,282	3,536
Do not want a job now	4,073	4,259	1,007	1,070	1,841	1,948	1,224	1,241	1,133	1,152	2,940	3,107
Current activity:												
Going to school	638	653	570	583	66	71	3	--	262	301	376	353
Ill, disabled	454	429	29	25	297	289	128	115	255	215	199	214
Keeping house	2,003	2,174	338	355	1,234	1,352	431	467	52	45	1,952	2,128
Retired	674	663	--	--	13	13	661	651	415	384	260	279
Other activity	303	339	70	106	231	225	2	8	149	207	154	132
Want a job now	607	681	228	299	357	353	22	29	181	218	426	463
Reason for not looking:												
School attendance	150	188	121	157	30	30	--	--	66	76	85	111
Ill health, disability	68	104	10	10	55	80	3	14	38	59	30	45
Home responsibility	172	195	30	73	141	122	--	--	--	--	172	195
Think cannot get a job	120	90	33	29	76	51	12	10	35	39	85	51
Other reasons ¹	97	104	35	30	55	69	7	5	43	44	54	59

¹ Includes small number of men not looking for work because of "home responsibilities."

NOTE: Detail for the above race and Hispanic-origin groups will not

sum to totals because data for the other races are not presented and Hispanics are included in both the white and black population groups.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-56. Persons not in the labor force who desire work but think cannot get jobs by reason, sex, age, race, and Hispanic origin

(in thousands)

Reason and sex	2nd Quarter 1991							
	Total	Age				Race and Hispanic origin		
		16 to 19 years	20 to 24 years	25 to 59 years	60 years and over	White	Black	Hispanic origin
TOTAL								
Personal factors:								
Employers think too young or old	95	16	--	18	61	64	28	10
Lacks education or training	103	20	12	72	--	56	38	15
Other personal handicap	42	--	6	27	10	36	5	--
Job-market factors:								
Could not find work	373	66	56	227	23	212	149	42
Thinks no job available	272	23	21	152	76	199	64	23
Men								
Personal factors:								
Employers think too young or old	48	14	--	11	24	27	21	4
Lacks education or training	29	8	10	11	--	11	16	6
Other personal handicap	16	--	4	6	6	16	--	--
Job-market factors:								
Could not find work	180	38	30	100	12	109	63	16
Thinks no job available	138	19	15	61	43	112	19	13
Women								
Personal factors:								
Employers think too young or old	47	2	--	8	37	36	7	6
Lacks education or training	74	11	2	61	--	45	22	8
Other personal handicap	27	--	2	21	4	21	5	--
Job-market factors:								
Could not find work	193	28	27	127	11	103	86	27
Thinks no job available	134	4	6	91	33	86	45	10

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not

presented and Hispanics are included in both the white and black population groups.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-57. Work-seeking intentions of persons not in the labor force and work history of those who intend to seek work within the next 12 months by sex, age, and race

(In thousands)

Work-seeking intentions, work history, and sex	Total		Age						Race			
	|| 1990	|| 1991	16 to 24 years		25 to 59 years		60 years and over		White		Black	
			|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991
TOTAL												
Do not intend to seek work	53,985	55,040	5,655	6,002	16,895	17,098	31,435	31,940	46,079	46,809	6,073	6,309
Intend to seek work in the next 12 months	8,919	8,937	4,407	4,429	4,010	3,996	502	512	6,800	6,781	1,691	1,717
Never worked	1,634	1,642	1,448	1,480	181	158	6	4	1,119	1,056	409	459
Last worked over 5 years ago	1,053	999	45	61	823	790	185	147	758	704	254	252
Last worked 1 to 5 years ago	1,881	2,138	524	647	1,230	1,322	127	169	1,455	1,608	344	441
Worked during the previous 12 months	4,352	4,158	2,390	2,241	1,777	1,726	184	191	3,468	3,412	683	565
Men												
Do not intend to seek work	17,836	18,429	2,148	2,465	3,381	3,504	12,307	12,460	15,106	15,471	2,152	2,327
Intend to seek work in the next 12 months	3,347	3,397	2,080	2,046	1,064	1,079	202	272	2,481	2,585	686	594
Never worked	770	731	743	699	27	32	—	—	522	481	206	175
Last worked over 5 years ago	203	200	2	15	132	135	69	49	115	121	76	69
Last worked 1 to 5 years ago	555	706	177	228	344	358	33	120	421	531	104	133
Worked during the previous 12 months	1,819	1,760	1,157	1,104	561	554	100	102	1,422	1,451	299	216
Women												
Do not intend to seek work	36,149	36,611	3,507	3,536	13,514	13,594	19,128	19,480	30,973	31,338	3,921	3,981
Intend to seek work in the next 12 months	5,572	5,541	2,327	2,383	2,946	2,917	299	241	4,319	4,196	1,004	1,123
Never worked	864	912	704	781	154	126	6	4	596	575	203	283
Last worked over 5 years ago	850	799	43	46	691	655	116	98	642	583	178	184
Last worked 1 to 5 years ago	1,326	1,432	347	419	885	964	94	49	1,035	1,076	240	308
Worked during the previous 12 months	2,533	2,398	1,233	1,137	1,216	1,172	84	89	2,046	1,961	384	348

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-58. Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991
TOTAL								
Civilian noninstitutional population	187,824	189,523	160,269	161,357	21,259	21,568	14,238	14,711
Civilian labor force	124,921	125,546	107,354	107,795	13,495	13,543	9,649	9,757
Percent of population	66.5	66.2	67.0	66.8	63.5	62.8	67.8	66.3
Employed	118,414	117,194	102,518	101,448	12,061	11,814	8,918	8,836
Agriculture	3,423	3,430	3,215	3,162	140	189	474	479
Nonagricultural industries	114,991	113,764	99,303	98,286	11,921	11,625	8,444	8,357
Unemployed	6,507	8,352	4,837	6,347	1,434	1,729	731	921
Unemployment rate	5.2	6.7	4.5	5.9	10.6	12.8	7.6	9.4
Not in labor force	62,904	63,977	52,914	53,561	7,764	8,026	4,589	4,954
Men, 16 years and over								
Civilian noninstitutional population	89,536	90,418	77,005	77,600	9,548	9,693	7,057	7,298
Civilian labor force	68,353	68,591	59,419	59,522	6,709	6,772	5,750	5,880
Percent of population	76.3	75.9	77.2	76.7	70.3	69.9	81.5	80.6
Employed	64,775	63,805	56,724	55,832	5,964	5,833	5,332	5,335
Agriculture	2,659	2,715	2,489	2,493	116	160	399	418
Nonagricultural industries	62,116	61,090	54,234	53,339	5,848	5,672	4,933	4,917
Unemployed	3,578	4,786	2,695	3,690	744	939	418	545
Unemployment rate	5.2	7.0	4.5	6.2	11.1	13.9	7.3	9.3
Not in labor force	21,183	21,826	17,586	18,078	2,839	2,921	1,307	1,418
Men, 20 years and over								
Civilian noninstitutional population	82,581	83,650	71,386	72,187	8,485	8,641	6,338	6,562
Civilian labor force	64,355	64,911	55,970	56,353	6,265	6,362	5,338	5,510
Percent of population	77.9	77.6	78.4	78.1	73.8	73.6	84.2	84.0
Employed	61,415	60,889	53,748	53,249	5,668	5,582	5,001	5,055
Agriculture	2,436	2,476	2,275	2,265	110	150	379	389
Nonagricultural industries	58,979	58,414	51,473	50,984	5,557	5,431	4,621	4,667
Unemployed	2,940	4,022	2,222	3,103	598	781	337	455
Unemployment rate	4.6	6.2	4.0	5.5	9.5	12.3	6.3	8.2
Not in labor force	18,226	18,739	15,416	15,834	2,219	2,279	1,000	1,052
Women, 16 years and over								
Civilian noninstitutional population	98,289	99,106	83,264	83,757	11,712	11,876	7,181	7,413
Civilian labor force	56,568	56,955	47,935	48,274	6,786	6,771	3,899	3,877
Percent of population	57.6	57.5	57.6	57.6	57.9	57.0	54.3	52.3
Employed	53,638	53,389	45,794	45,616	6,097	5,981	3,586	3,501
Agriculture	764	715	725	669	24	28	75	81
Nonagricultural industries	52,874	52,674	45,068	44,947	6,073	5,953	3,512	3,440
Unemployed	2,930	3,566	2,141	2,657	690	790	313	376
Unemployment rate	5.2	6.3	4.5	5.5	10.2	11.7	8.0	9.7
Not in labor force	41,721	42,151	35,328	35,483	4,926	5,105	3,282	3,536
Women, 20 years and over								
Civilian noninstitutional population	91,413	92,453	77,743	78,452	10,624	10,816	6,487	6,695
Civilian labor force	52,924	53,528	44,805	45,306	6,379	6,417	3,638	3,607
Percent of population	57.9	57.9	57.6	57.7	60.0	59.3	56.1	53.9
Employed	50,557	50,583	43,088	43,133	5,811	5,749	3,386	3,293
Agriculture	703	664	665	622	24	27	67	53
Nonagricultural industries	49,854	49,919	42,424	42,511	5,787	5,722	3,319	3,240
Unemployed	2,367	2,945	1,717	2,173	568	668	252	314
Unemployment rate	4.5	5.5	3.8	4.8	8.9	10.4	6.9	8.7
Not in labor force	38,489	38,924	32,937	33,147	4,245	4,399	2,849	3,088
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,830	13,420	11,140	10,717	2,150	2,112	1,413	1,454
Civilian labor force	7,641	7,106	6,579	6,137	851	764	672	640
Percent of population	55.3	53.0	59.1	57.3	39.6	36.2	47.6	44.0
Employed	6,441	5,722	5,681	5,066	583	483	531	488
Agriculture	284	290	275	275	6	12	27	38
Nonagricultural industries	6,158	5,432	5,406	4,791	576	472	504	450
Unemployed	1,200	1,385	898	1,071	268	281	141	152
Unemployment rate	15.7	19.5	13.6	17.5	31.5	36.7	21.0	23.8
Not in labor force	6,189	6,314	4,561	4,580	1,299	1,348	740	814

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

HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-59. Employment status of civilians of Mexican, Puerto Rican, and Cuban origin by sex and age

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991
TOTAL								
Civilian noninstitutional population	14,238	14,711	8,768	8,838	1,479	1,594	860	856
Civilian labor force	9,649	9,757	6,066	5,943	821	928	573	565
Percent of population	67.8	66.3	69.2	67.2	55.5	58.2	66.6	66.0
Employed	8,918	8,836	5,597	5,370	752	819	535	517
Agriculture	474	479	431	436	11	11	6	5
Nonagricultural industries	8,444	8,357	5,166	4,934	741	808	530	512
Unemployed	731	921	469	573	70	110	38	48
Unemployment rate	7.6	9.4	7.7	9.6	8.5	11.8	6.6	8.5
Not in labor force	4,589	4,954	2,702	2,895	657	666	287	291
Men, 16 years and over								
Civilian noninstitutional population	7,057	7,298	4,492	4,605	653	666	418	430
Civilian labor force	5,750	5,880	3,710	3,746	472	492	317	334
Percent of population	81.5	80.6	82.6	81.3	72.3	74.0	75.9	77.8
Employed	5,332	5,335	3,449	3,390	434	435	293	308
Agriculture	399	418	368	379	7	8	3	5
Nonagricultural industries	4,933	4,917	3,081	3,011	426	427	289	304
Unemployed	418	545	261	355	38	57	25	26
Unemployment rate	7.3	9.3	7.0	9.5	8.1	11.6	7.8	7.8
Not in labor force	1,307	1,418	782	859	181	173	101	95
Men, 20 years and over								
Civilian noninstitutional population	6,338	6,562	4,013	4,117	591	589	398	412
Civilian labor force	5,338	5,510	3,417	3,479	446	460	309	325
Percent of population	84.2	84.0	85.1	84.5	75.5	78.1	77.6	79.0
Employed	5,001	5,055	3,213	3,191	413	407	285	302
Agriculture	379	389	350	352	7	8	3	5
Nonagricultural industries	4,621	4,667	2,863	2,838	406	398	282	297
Unemployed	337	455	203	289	33	53	24	24
Unemployment rate	6.3	8.2	5.9	8.3	7.5	11.6	7.8	7.2
Not in labor force	1,000	1,052	596	637	145	129	89	87
Women, 16 years and over								
Civilian noninstitutional population	7,181	7,413	4,276	4,233	826	928	442	426
Civilian labor force	3,899	3,877	2,356	2,197	349	436	256	230
Percent of population	54.3	52.3	55.1	51.9	42.3	47.0	57.9	54.1
Employed	3,586	3,501	2,147	1,980	318	384	243	209
Agriculture	75	61	63	56	4	2	2	--
Nonagricultural industries	3,511	3,440	2,085	1,923	314	381	240	209
Unemployed	313	376	208	218	31	52	13	22
Unemployment rate	8.0	9.7	8.8	9.9	8.9	12.0	5.2	9.4
Not in labor force	3,282	3,536	1,920	2,036	477	492	186	195
Women, 20 years and over								
Civilian noninstitutional population	6,487	6,695	3,788	3,770	756	839	418	402
Civilian labor force	3,638	3,607	2,159	2,008	330	409	244	221
Percent of population	56.1	53.9	57.0	53.3	43.6	48.8	58.3	55.0
Employed	3,386	3,293	2,006	1,839	300	364	231	200
Agriculture	67	53	56	48	3	2	2	--
Nonagricultural industries	3,319	3,240	1,949	1,791	297	362	229	200
Unemployed	252	314	154	168	30	45	12	21
Unemployment rate	6.9	8.7	7.1	8.4	9.1	11.0	5.1	9.5
Not in labor force	2,849	3,088	1,628	1,762	426	430	174	181
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,413	1,454	968	951	132	166	43	41
Civilian labor force	672	640	490	456	46	59	20	18
Percent of population	47.6	44.0	50.6	47.9	34.5	35.6	(²)	(²)
Employed	531	488	378	340	40	48	19	15
Agriculture	27	38	24	35	2	--	--	--
Nonagricultural industries	504	450	354	305	38	48	19	15
Unemployed	141	152	112	116	6	11	2	3
Unemployment rate	21.0	23.8	22.9	25.5	(²)	(²)	(²)	(²)
Not in labor force	740	814	478	495	86	107	23	23

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

² Data not shown where base is less than 60,000.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-60. Employed civilians by selected social and economic categories, race, and Hispanic origin

(In thousands)

Category	Total		White		Black		Hispanic origin	
	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991
CHARACTERISTIC								
Total (all civilian workers)	118,414	117,194	102,518	101,448	12,061	11,814	8,918	8,836
Men	64,775	63,805	56,724	55,832	5,964	5,833	5,332	5,335
Women	53,638	53,389	45,794	45,616	6,097	5,981	3,586	3,501
OCCUPATION								
Managerial and professional specialty	30,539	30,940	27,553	27,892	1,872	1,959	1,134	1,152
Executive, administrative, and managerial	14,798	14,978	13,536	13,684	816	844	616	619
Professional specialty	15,741	15,961	14,017	14,208	1,056	1,115	519	534
Technical, sales, and administrative support	36,952	36,295	32,343	31,765	3,431	3,336	2,190	2,197
Technicians and related support	3,932	3,738	3,374	3,203	361	331	176	184
Sales occupations	14,225	14,019	12,916	12,699	894	912	763	769
Administrative support, including clerical	18,795	18,538	16,053	15,863	2,176	2,093	1,251	1,244
Service occupations	15,775	15,935	12,427	12,545	2,746	2,748	1,758	1,766
Private household	761	773	528	579	208	176	139	159
Protective service	1,955	2,148	1,576	1,729	335	368	106	139
Service, except private household and protective	13,059	13,014	10,323	10,236	2,204	2,204	1,513	1,468
Precision production, craft, and repair	13,720	13,226	12,268	11,807	1,105	1,068	1,166	1,127
Mechanics and repairers	4,414	4,403	3,923	3,976	387	334	303	300
Construction trades	5,281	4,946	4,789	4,444	403	405	457	459
Other precision production, craft, and repair	4,025	3,876	3,556	3,387	316	329	405	367
Operators, fabricators, and laborers	17,733	17,059	14,511	14,050	2,698	2,453	2,153	2,037
Machine operators, assemblers, and inspectors	8,067	7,648	6,584	6,211	1,182	1,091	1,115	1,029
Transportation and material moving occupations	4,793	4,834	3,947	3,985	745	752	401	405
Handlers, equipment cleaners, helpers, and laborers	4,873	4,577	3,979	3,854	770	611	637	603
Construction laborers	818	695	684	611	115	70	142	116
Other handlers, equipment cleaners, helpers, and laborers	4,055	3,883	3,295	3,242	655	541	495	486
Farming, forestry, and fishing	3,695	3,739	3,416	3,389	210	250	517	557
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,784	1,812	1,624	1,608	112	146	417	433
Self-employed workers	1,513	1,489	1,468	1,427	26	43	56	45
Unpaid family workers	126	129	123	127	2	-	-	1
Nonagricultural industries:								
Wage and salary workers	105,966	104,533	91,021	89,838	11,497	11,175	7,971	7,895
Government	17,836	17,896	14,556	14,621	2,688	2,668	1,019	1,002
Private industries	88,131	86,636	76,465	75,217	8,809	8,507	6,952	6,893
Private households	1,015	979	726	728	254	222	171	183
Other industries	87,116	85,657	75,739	74,489	8,556	8,286	6,782	6,710
Self-employed workers	8,764	8,994	8,059	8,240	416	441	463	453
Unpaid family workers	260	238	223	208	9	8	10	10
FULL- AND PART-TIME STATUS¹								
Full-time schedules	96,757	94,760	83,465	81,726	10,099	9,792	7,520	7,329
Part time for economic reasons	4,886	5,887	4,001	4,853	734	851	587	657
Part time for noneconomic reasons	16,771	16,547	15,052	14,868	1,228	1,170	811	850

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

NOTE: Detail for the above race and Hispanic-origin groups will not

sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-61. Employed civilians of Mexican, Puerto Rican, and Cuban origin by selected social and economic categories

(In thousands)

Category	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991
CHARACTERISTIC								
Total (all civilian workers)	8,918	8,836	5,597	5,370	752	819	535	517
Men	5,332	5,335	3,449	3,390	434	435	293	308
Women	3,586	3,501	2,147	1,980	318	384	243	209
OCCUPATION								
Managerial and professional specialty	1,134	1,152	567	563	130	146	134	130
Executive, administrative, and managerial	616	619	334	305	61	75	78	75
Professional specialty	519	534	232	258	69	72	56	55
Technical, sales, and administrative support	2,190	2,197	1,292	1,250	237	281	180	166
Technicians and related support	176	184	107	106	20	24	10	11
Sales occupations	763	769	446	430	63	82	71	73
Administrative support, including clerical	1,251	1,244	739	713	153	176	99	82
* Service occupations	1,758	1,766	1,048	950	129	143	83	59
Private household	139	159	70	63	6	4	3	5
Protective service	106	139	55	74	23	31	7	7
Service, except private household and protective	1,513	1,468	923	813	100	108	72	46
Precision production, craft, and repair	1,166	1,127	784	725	90	80	52	70
Mechanics and repairers	303	300	188	172	32	19	18	24
Construction trades	457	459	331	324	22	22	14	25
Other precision production, craft, and repair	405	367	266	230	37	39	20	21
Operators, fabricators, and laborers	2,153	2,037	1,446	1,383	152	153	81	88
Machine operators, assemblers, and inspectors	1,115	1,029	738	686	83	95	35	46
Transportation and material moving occupations	401	405	252	275	40	31	18	12
Handlers, equipment cleaners, helpers, and laborers	637	603	456	422	29	26	29	30
Construction laborers	142	116	111	86	2	3	4	5
Other handlers, equipment cleaners, helpers, and laborers	495	486	346	337	27	23	25	25
Farming, forestry, and fishing	517	557	460	499	13	16	5	4
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	417	433	379	397	10	11	5	3
Self-employed workers	56	45	52	38	1	-	1	2
Unpaid family workers	-	1	-	1	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	7,971	7,895	4,918	4,695	717	783	481	459
Government	1,019	1,002	661	624	117	147	56	41
Private industries	6,952	6,893	4,257	4,071	599	636	425	419
Private households	171	183	93	78	7	6	3	6
Other industries	6,782	6,710	4,164	3,993	592	630	422	413
Self-employed workers	463	453	242	232	24	25	47	52
Unpaid family workers	10	10	6	7	-	-	1	1
FULL- AND PART-TIME STATUS²								
Full-time schedules	7,520	7,329	4,678	4,478	657	682	457	432
Part time for economic reasons	587	657	434	407	24	44	22	36
Part time for noneconomic reasons	811	850	484	485	71	92	56	49

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

² Employed persons with a job but not at work are distributed according to whether they usually work full or part time.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-62. Employed civilians by sex, age, race, and Hispanic origin

(In thousands)

Sex and age	Total		White		Black		Hispanic origin	
	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991
Total, 16 years and over	118,414	117,194	102,518	101,448	12,061	11,814	8,918	8,836
16 to 19 years	6,441	5,722	5,681	5,066	583	483	531	488
16 to 17 years	2,380	2,135	2,137	1,910	179	165	168	141
18 to 19 years	4,062	3,586	3,545	3,156	404	318	363	347
20 to 24 years	12,706	12,244	10,937	10,541	1,349	1,314	1,361	1,296
25 years and over	99,266	99,229	85,900	85,841	10,129	10,017	7,026	7,053
25 to 54 years	84,326	84,487	72,589	72,797	8,864	8,705	6,332	6,314
55 years and over	14,940	14,742	13,331	13,044	1,266	1,312	694	739
Men, 16 years and over	64,775	63,805	56,724	55,832	5,964	5,833	5,332	5,335
16 to 19 years	3,361	2,916	2,976	2,582	297	251	331	280
16 to 17 years	1,257	1,122	1,137	1,002	91	90	99	75
18 to 19 years	2,104	1,794	1,839	1,580	206	161	232	205
20 to 24 years	6,721	6,469	5,809	5,591	681	658	849	839
25 years and over	54,693	54,421	47,939	47,658	4,987	4,923	4,152	4,217
25 to 54 years	46,174	46,008	40,245	40,148	4,351	4,243	3,754	3,781
55 years and over	8,520	8,413	7,694	7,510	636	680	398	436
Women, 16 years and over	53,638	53,389	45,794	45,616	6,097	5,981	3,586	3,501
16 to 19 years	3,081	2,806	2,706	2,483	286	232	200	208
16 to 17 years	1,123	1,013	1,000	907	88	75	70	65
18 to 19 years	1,958	1,792	1,706	1,576	198	157	130	143
20 to 24 years	5,985	5,775	5,128	4,950	669	656	512	457
25 years and over	44,573	44,808	37,960	38,183	5,142	5,093	2,874	2,836
25 to 54 years	38,152	38,479	32,324	32,649	4,512	4,462	2,579	2,533
55 years and over	6,420	6,329	5,636	5,534	630	632	295	303

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

A-63. Unemployment rates by sex, age, race, and Hispanic origin

(Civilian workers)

Sex and age	Total		White		Black		Hispanic origin	
	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991
Total, 16 years and over	5.2	6.7	4.5	5.9	10.6	12.8	7.6	9.4
16 to 19 years	15.7	19.5	13.6	17.5	31.5	36.7	21.0	23.8
16 to 17 years	19.5	22.3	16.8	20.4	42.0	38.7	26.5	33.3
18 to 19 years	13.3	17.7	11.6	15.6	25.6	35.7	18.2	19.1
20 to 24 years	8.8	10.9	7.3	9.2	19.7	22.8	8.2	10.8
25 years and over	3.9	5.2	3.5	4.7	7.6	9.6	6.2	8.0
25 to 54 years	4.1	5.5	3.6	4.8	8.0	10.2	6.3	8.2
55 years and over	2.9	3.9	2.8	3.7	4.5	5.0	5.5	5.8
Men, 16 years and over	5.2	7.0	4.5	6.2	11.1	13.9	7.3	9.3
16 to 19 years	15.9	20.8	13.7	18.5	33.0	38.7	19.7	24.4
16 to 17 years	19.2	22.1	16.2	20.1	44.3	38.2	25.9	34.5
18 to 19 years	13.8	19.9	12.1	17.5	26.5	39.0	16.8	19.9
20 to 24 years	9.1	11.5	7.5	9.7	20.4	24.5	7.4	9.4
25 years and over	4.0	5.5	3.5	5.0	7.8	10.3	6.1	8.0
25 to 54 years	4.1	5.7	3.6	5.1	8.3	11.0	6.1	8.2
55 years and over	3.2	4.3	3.1	4.2	4.8	5.5	6.1	6.7
Women, 16 years and over	5.2	6.3	4.5	5.5	10.2	11.7	8.0	9.7
16 to 19 years	15.4	18.1	13.6	16.3	29.9	34.5	23.1	22.9
16 to 17 years	19.8	22.4	17.6	20.8	39.4	39.3	27.5	31.9
18 to 19 years	12.7	15.5	11.0	13.5	24.6	31.9	20.5	17.9
20 to 24 years	8.5	10.3	7.0	8.7	18.9	20.9	9.6	13.4
25 years and over	3.9	4.8	3.4	4.3	7.4	8.8	6.4	7.9
25 to 54 years	4.1	5.1	3.6	4.5	7.8	9.4	6.6	8.3
55 years and over	2.5	3.3	2.4	3.0	4.2	4.4	4.7	4.6

A-64. Unemployed persons by duration of unemployment, race, and Hispanic origin

(Numbers in thousands)

Weeks of unemployment	Total		White		Black		Hispanic origin	
	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991
DURATION								
Total, 16 years and over	6,507	8,352	4,837	6,347	1,434	1,729	731	921
Less than 5 weeks	3,148	3,486	2,333	2,644	706	723	354	405
5 to 14 weeks	1,868	2,423	1,392	1,837	406	505	241	282
15 weeks and over	1,490	2,443	1,112	1,866	322	502	136	234
15 to 26 weeks	826	1,367	640	1,062	157	260	87	146
27 weeks and over	665	1,076	472	804	166	242	48	87
Average (mean) duration, in weeks	12.1	13.8	11.9	13.6	12.7	14.5	10.1	11.7
Median duration, in weeks	4.9	6.6	4.9	6.6	4.7	6.8	4.8	6.1
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	48.4	41.7	48.2	41.7	49.2	41.8	48.5	44.0
5 to 14 weeks	28.7	29.0	28.8	28.9	28.3	29.2	32.9	30.6
15 weeks and over	22.9	29.2	23.0	29.4	22.5	29.0	18.6	25.4
15 to 26 weeks	12.7	16.4	13.2	16.7	10.9	15.0	12.0	15.9
27 weeks and over	10.2	12.9	9.8	12.7	11.6	14.0	6.6	9.5

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

A-65. Unemployed persons by reason for unemployment, race, and Hispanic origin

(Numbers in thousands)

Reasons for unemployment	Total		White		Black		Hispanic origin	
	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991	II 1990	II 1991
NUMBER OF UNEMPLOYED								
Total, 16 years and over	6,507	8,352	4,837	6,347	1,434	1,729	731	921
Job losers	3,001	4,415	2,308	3,443	588	846	386	504
On layoff	844	1,187	687	1,011	133	153	87	95
Other job losers	2,158	3,228	1,621	2,432	455	693	299	410
Job leavers	958	946	736	756	186	162	79	89
Reentrants	1,815	2,128	1,311	1,551	441	498	173	207
New entrants	732	863	482	598	218	224	92	121
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	46.1	52.9	47.7	54.2	41.0	48.9	52.9	54.7
On layoff	13.0	14.2	14.2	15.9	9.3	8.9	11.9	10.3
Other job losers	33.2	38.6	33.5	38.3	31.7	40.1	41.0	44.5
Job leavers	14.7	11.3	15.2	11.9	13.0	9.3	10.9	9.7
Reentrants	27.9	25.5	27.1	24.4	30.8	28.8	23.6	22.4
New entrants	11.2	10.3	10.0	9.4	15.2	12.9	12.6	13.1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	2.4	3.5	2.1	3.2	4.4	6.2	4.0	5.2
Job leavers .....	.8	.8	.7	.7	1.4	1.2	.8	.9
Reentrants	1.5	1.7	1.2	1.4	3.3	3.7	1.8	2.1
New entrants .....	.6	.7	.4	.6	1.6	1.7	1.0	1.2

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-66. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	|| 1990	|| 1991	Total		Employed		Unemployed			
			|| 1990	|| 1991	|| 1990	|| 1991	Number		Percent of labor force	
							|| 1990	|| 1991	|| 1990	|| 1991
VIETNAM-ERA VETERANS										
Total, 35 years and over	7,621	7,769	6,937	7,035	6,702	6,718	235	318	3.4	4.5
35 to 49 years	6,523	6,482	6,151	6,116	5,936	5,822	215	294	3.5	4.8
35 to 39 years	1,447	1,188	1,347	1,112	1,286	1,026	61	86	4.5	7.7
40 to 44 years	3,325	3,150	3,175	2,985	3,074	2,856	102	129	3.2	4.3
45 to 49 years	1,751	2,144	1,629	2,018	1,577	1,940	52	78	3.2	3.9
50 years and over	1,088	1,287	786	920	766	895	20	24	2.6	2.6
NONVETERANS										
Total, 35 to 49 years	17,138	18,207	16,026	17,043	15,425	16,161	601	882	3.7	5.2
35 to 39 years	7,881	8,294	7,496	7,859	7,233	7,424	264	435	3.5	5.5
40 to 44 years	5,043	5,731	4,694	5,373	4,522	5,110	172	263	3.7	4.9
45 to 49 years	4,215	4,181	3,836	3,810	3,671	3,627	165	184	4.3	4.8

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

are limited to those 35 to 49 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

A-67. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin

(Numbers in thousands)

Employment status and age	Veterans						Nonveterans					
	White		Black		Hispanic origin		White		Black		Hispanic origin	
	|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991
Total, 35 to 49 years												
Civilian noninstitutional population	5,878	5,811	545	571	226	236	14,566	15,552	1,749	1,822	1,575	1,683
Civilian labor force	5,573	5,532	485	496	204	216	13,769	14,710	1,508	1,570	1,416	1,528
Employed	5,394	5,294	454	446	193	207	13,316	14,050	1,401	1,391	1,325	1,398
Unemployed	179	238	31	50	11	9	453	660	107	179	91	129
Unemployment rate	3.2	4.3	6.4	10.1	5.4	4.2	3.3	4.5	7.1	11.4	6.4	8.5
35 to 39 years												
Civilian noninstitutional population	1,250	996	166	171	66	47	6,794	7,182	750	776	664	780
Civilian labor force	1,178	949	141	145	59	44	6,531	6,856	661	690	619	711
Employed	1,130	882	132	127	58	40	6,332	6,526	609	606	580	649
Unemployed	48	67	9	18	1	3	199	330	52	84	38	61
Unemployment rate	4.1	7.0	6.7	12.2	(¹)	7.6	3.0	4.8	7.8	12.1	6.2	8.6
40 to 44 years												
Civilian noninstitutional population	3,033	2,871	248	242	105	105	4,251	4,854	549	603	479	537
Civilian labor force	2,908	2,747	225	204	97	93	3,995	4,605	472	511	432	491
Employed	2,825	2,637	208	186	87	90	3,864	4,399	447	466	408	444
Unemployed	83	110	18	18	10	2	131	207	25	45	24	47
Unemployment rate	2.9	4.0	7.9	8.8	10.4	2.4	3.3	4.5	5.3	8.7	5.6	9.6
45 to 49 years												
Civilian noninstitutional population	1,595	1,944	131	159	55	84	3,521	3,517	450	443	433	367
Civilian labor force	1,488	1,836	119	147	49	80	3,243	3,248	375	370	366	325
Employed	1,440	1,775	115	133	49	76	3,120	3,125	344	319	338	305
Unemployed	48	61	4	14	—	3	123	123	30	51	28	20
Unemployment rate	3.2	3.3	3.4	9.7	(¹)	4.3	3.8	3.8	8.1	13.8	7.6	6.3

¹ Data not shown where base is less than 60,000.

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Armed Forces; published data are limited to those 35 to 49 years of age, the group that most closely corresponds

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-68. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Type of family, race, and Hispanic origin	II 1990					II 1991				
	Total families	With unemployment:				Total families	With unemployment:			
		Total	Percent of families:				Total	Percent of families:		
			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time			With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL										
Total families	65,363	4,765	27.2	72.8	65.6	65,831	5,903	29.4	70.6	63.4
With children under 18 years of age	31,812	2,681	30.9	69.1	61.8	32,061	3,273	33.4	66.6	59.2
Married-couple families	51,288	3,243	17.1	82.9	75.1	51,447	4,102	19.9	80.1	72.6
With children under 18 years of age	23,893	1,857	16.4	83.6	75.5	23,897	2,291	20.1	79.9	71.8
Families maintained by women	11,051	1,229	51.9	48.1	41.7	11,366	1,426	53.4	46.6	39.5
With children under 18 years of age	6,702	737	65.1	34.9	29.2	6,940	834	65.5	34.5	28.6
Families maintained by men	3,024	294	34.7	65.3	59.9	3,018	376	41.8	58.2	52.7
With children under 18 years of age	1,217	87	52.3	47.7	44.2	1,224	149	58.8	41.2	37.2
White										
Total families	55,939	3,570	23.6	76.4	68.5	56,295	4,539	26.3	73.7	66.1
With children under 18 years of age	26,369	1,984	26.3	73.7	65.3	26,499	2,462	29.5	70.5	62.7
Married-couple families	46,144	2,691	16.9	83.1	75.0	46,389	3,466	20.2	79.8	72.2
With children under 18 years of age	21,086	1,526	16.2	83.8	75.0	21,111	1,905	20.5	79.5	71.3
Families maintained by women	7,403	675	47.9	52.1	44.1	7,548	810	48.6	51.4	43.4
With children under 18 years of age	4,302	395	61.5	38.5	31.4	4,418	452	61.1	38.9	31.9
Families maintained by men	2,392	204	31.4	68.6	63.7	2,359	263	39.2	60.8	55.5
With children under 18 years of age	981	63	52.4	47.6	42.9	971	104	56.7	43.3	38.5
Black										
Total families	7,396	1,022	40.6	59.4	54.6	7,472	1,154	41.9	58.1	51.6
With children under 18 years of age	4,245	597	47.4	52.6	48.6	4,343	689	48.3	51.7	45.9
Married-couple families	3,572	424	19.3	80.7	75.7	3,500	478	18.4	81.6	74.6
With children under 18 years of age	1,838	251	17.5	82.5	78.5	1,814	285	17.9	82.1	74.4
Families maintained by women	3,307	520	57.5	42.5	37.7	3,461	581	59.7	40.3	34.3
With children under 18 years of age	2,209	327	70.0	30.0	26.0	2,324	365	70.4	29.6	24.9
Families maintained by men	517	77	44.2	55.8	50.6	511	96	51.0	49.0	41.7
With children under 18 years of age	198	19	(¹)	(¹)	(¹)	205	39	(¹)	(¹)	(¹)
Hispanic origin										
Total families	4,836	564	28.0	72.0	63.3	4,948	677	32.2	67.8	62.3
With children under 18 years of age	3,093	384	31.3	68.8	58.6	3,212	439	34.9	65.1	58.8
Married-couple families	3,252	361	19.7	80.3	70.4	3,305	453	25.4	74.6	68.2
With children under 18 years of age	2,137	263	19.8	80.2	68.8	2,209	317	26.5	73.5	66.2
Families maintained by women	1,154	151	46.7	53.3	46.0	1,225	160	52.5	47.5	41.9
With children under 18 years of age	808	107	56.1	43.9	35.5	855	106	58.5	41.5	37.7
Families maintained by men	429	52	(¹)	(¹)	(¹)	418	65	29.2	70.8	70.8
With children under 18 years of age	148	14	(¹)	(¹)	(¹)	147	16	(¹)	(¹)	(¹)

¹ Data not shown where base is less than 60,000.

NOTE: Detail for the above race and Hispanic-origin groups will not

sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-69. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	II 1990				II 1991			
	Total	Percent of unemployed:			Total	Percent of unemployed:		
		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time		With no employed person in family	With at least one employed person in family	With at least one person in family employed full time
TOTAL								
Total unemployed in families ¹	5,257	28.6	71.4	64.2	6,667	31.1	68.9	61.7
Husbands	1,195	33.4	66.6	53.4	1,650	36.0	64.0	51.5
With children under 18 years of age	722	36.7	63.3	47.7	988	40.5	59.5	45.2
Wives	942	15.8	84.2	79.7	1,215	18.6	81.4	77.0
With children under 18 years of age	581	13.7	86.3	82.0	730	17.3	82.7	78.4
Relatives in married-couple families	1,417	8.7	91.3	88.5	1,721	10.8	89.2	84.9
Women who maintain families	514	85.7	14.3	10.0	631	85.3	14.7	9.6
With children under 18 years of age	440	93.3	6.7	4.0	528	90.7	9.3	4.9
Relatives in families maintained by women	865	32.0	68.0	60.0	1,028	33.5	66.5	57.9
Men who maintain families	115	50.8	49.2	43.9	171	65.6	34.4	28.2
With children under 18 years of age	46	86.9	13.1	9.1	91	89.5	10.5	6.7
Relatives in families maintained by men	209	(²)	(²)	(²)	251	29.4	70.6	66.0
White								
Total unemployed in families ¹	3,880	25.2	74.6	66.9	5,047	28.1	71.9	64.7
Husbands	1,002	33.1	66.9	52.1	1,414	36.5	63.5	50.5
With children under 18 years of age	598	36.6	63.4	45.7	814	41.9	58.1	43.1
Wives	801	15.1	84.9	80.7	1,030	18.4	81.6	77.3
With children under 18 years of age	482	12.9	87.1	83.4	611	16.8	83.2	79.2
Relatives in married-couple families	1,126	8.6	91.4	86.7	1,419	10.5	89.5	85.8
Women who maintain families	277	81.2	18.8	13.4	343	80.8	19.2	13.3
With children under 18 years of age	229	91.6	8.4	5.3	271	89.7	10.3	4.8
Relatives in families maintained by women	453	29.3	70.7	61.1	554	29.5	70.5	61.2
Men who maintain families	83	47.2	52.8	48.4	117	64.5	35.5	28.5
With children under 18 years of age	32	(²)	(²)	(²)	64	88.2	11.8	8.1
Relatives in families maintained by men	138	24.2	75.8	70.1	170	26.1	73.9	70.1
Black								
Total unemployed in families ¹	1,179	40.4	59.6	54.6	1,391	42.4	57.6	50.8
Husbands	140	36.0	64.0	59.6	176	30.5	69.5	58.9
With children under 18 years of age	94	35.7	64.3	58.8	132	31.6	68.4	57.5
Wives	107	21.6	78.4	73.2	138	19.8	80.2	75.4
With children under 18 years of age	74	18.6	81.4	77.0	86	20.2	79.8	74.0
Relatives in married-couple families	233	9.9	90.1	85.1	245	12.5	87.5	81.5
Women who maintain families	227	91.6	8.4	5.5	271	90.7	9.3	5.2
With children under 18 years of age	203	95.8	4.2	2.1	243	91.6	8.4	5.3
Relatives in families maintained by women	387	34.9	65.1	58.5	447	38.5	61.5	53.6
Men who maintain families	24	66.5	33.5	30.7	47	(²)	(²)	(²)
With children under 18 years of age	11	(²)	(²)	(²)	24	(²)	(²)	(²)
Relatives in families maintained by men	61	34.2	65.8	60.5	68	42.2	57.8	49.7
Hispanic origin								
Total unemployed in families ¹	610	28.3	71.7	62.4	767	34.7	65.3	60.1
Husbands	157	37.0	63.0	49.5	202	43.0	57.0	49.1
With children under 18 years of age	122	38.6	61.4	46.0	154	48.6	51.4	43.8
Wives	105	10.8	89.2	82.9	138	21.6	78.4	70.4
With children under 18 years of age	77	11.3	88.7	81.8	94	20.2	79.8	71.1
Relatives in married-couple families	134	6.7	93.3	82.3	178	17.0	83.0	81.1
Women who maintain families	58	(²)	(²)	(²)	77	74.4	25.6	18.8
With children under 18 years of age	53	(²)	(²)	(²)	60	81.0	19.0	14.3
Relatives in families maintained by women	97	26.9	73.1	63.0	99	37.6	62.4	58.1
Men who maintain families	24	(²)	(²)	(²)	22	(²)	(²)	(²)
With children under 18 years of age	9	(²)	(²)	(²)	9	(²)	(²)	(²)
Relatives in families maintained by men	34	(²)	(²)	(²)	51	(²)	(²)	(²)

¹ Excludes persons living alone or with nonrelatives, persons in families where the husband, wife or, other person maintaining the family is in the Armed Forces, and persons in unrelated subfamilies. Estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns

used in aggregating the data.

² Data not shown where base is less than 60,000.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-70. Employed civilians by family relationship, race, Hispanic origin, and presence of employed family members

(Numbers in thousands)

Family relationship, race, and Hispanic origin	II 1990				II 1991			
	Total	Percent of employed:			Total	Percent of employed:		
		With no other employed person in family	With another employed person in family	With another person in family employed full time		With no other employed person in family	With another employed person in family	With another person in family employed full time
TOTAL								
Total employed in families ¹	94,724	21.9	78.1	67.9	93,351	22.5	77.5	67.1
Husbands	38,849	27.6	72.4	55.1	38,331	27.7	72.3	54.6
With children under 18 years of age	22,109	30.3	69.7	49.1	21,827	29.9	70.1	49.0
Wives	29,035	8.7	91.3	87.4	28,972	9.4	90.6	86.6
With children under 18 years of age	15,386	5.0	95.0	92.2	15,458	5.8	94.2	91.3
Relatives in married-couple families	11,755	7.1	92.9	89.4	11,174	7.4	92.8	88.6
Women who maintain families	6,361	64.1	35.9	24.9	6,381	65.6	34.4	23.9
With children under 18 years of age	4,156	81.1	18.9	9.9	4,192	82.7	17.3	9.0
Relatives in families maintained by women	4,738	23.2	76.8	68.7	4,678	24.5	75.5	66.2
Men who maintain families	2,255	55.0	45.0	36.7	2,157	55.0	45.0	36.0
With children under 18 years of age	1,070	83.3	16.7	9.6	1,018	83.3	16.7	10.3
Relatives in families maintained by men	1,729	15.9	84.1	80.2	1,658	17.1	82.9	77.5
White								
Total employed in families ¹	82,392	21.2	78.8	68.2	81,261	21.7	78.3	67.4
Husbands	34,996	27.9	72.1	54.0	34,609	28.0	72.0	53.6
With children under 18 years of age	19,653	30.9	69.1	47.2	19,460	30.4	69.6	47.3
Wives	25,898	8.4	91.6	87.8	25,924	9.0	91.0	87.0
With children under 18 years of age	13,477	4.6	95.4	92.7	13,571	5.2	94.8	91.9
Relatives in married-couple families	10,334	7.0	93.0	89.5	9,813	7.3	92.7	88.8
Women who maintain families	4,468	62.3	37.7	26.0	4,493	63.8	36.2	24.1
With children under 18 years of age	2,893	80.4	19.6	10.0	2,917	81.8	18.2	8.5
Relatives in families maintained by women	3,418	24.0	76.0	67.7	3,348	24.8	75.2	65.2
Men who maintain families	1,861	53.4	46.6	37.8	1,744	53.9	46.1	36.8
With children under 18 years of age	885	81.9	18.1	10.4	831	82.1	17.9	11.2
Relatives in families maintained by men	1,417	13.9	86.1	82.5	1,331	16.6	83.4	78.2
Black								
Total employed in families ¹	9,142	28.9	71.1	64.1	8,852	30.3	69.7	62.9
Husbands	2,610	21.8	78.2	68.3	2,480	21.9	78.1	68.3
With children under 18 years of age	1,603	21.8	78.2	68.9	1,525	20.7	79.3	68.9
Wives	2,192	12.5	87.5	83.5	2,116	14.7	85.3	81.5
With children under 18 years of age	1,318	8.7	91.3	88.5	1,303	11.4	88.6	85.3
Relatives in married-couple families	964	8.5	91.5	88.0	889	9.7	90.3	85.4
Women who maintain families	1,713	70.1	29.9	21.1	1,707	70.8	29.2	23.0
With children under 18 years of age	1,166	83.0	17.0	9.5	1,174	84.8	15.2	10.2
Relatives in families maintained by women	1,127	22.1	77.9	70.7	1,145	24.4	75.6	67.7
Men who maintain families	314	66.2	33.8	29.4	301	64.4	35.6	28.4
With children under 18 years of age	154	91.3	8.7	4.9	150	88.7	11.3	6.9
Relatives in families maintained by men	222	28.5	71.5	66.1	213	26.2	73.8	66.3
Hispanic origin								
Total employed in families ¹	7,190	23.2	76.8	69.5	6,940	26.2	73.8	65.6
Husbands	2,601	32.8	67.2	56.0	2,588	36.2	63.8	51.5
With children under 18 years of age	1,883	35.0	65.0	52.5	1,882	38.5	61.5	48.1
Wives	1,739	9.8	90.2	86.3	1,656	10.5	89.5	85.0
With children under 18 years of age	1,168	8.1	91.9	88.1	1,106	10.0	90.0	85.1
Relatives in married-couple families	1,127	5.5	94.5	90.7	997	5.9	94.1	90.1
Women who maintain families	565	60.2	39.8	32.2	592	65.5	34.5	24.9
With children under 18 years of age	395	74.8	25.2	19.6	414	79.3	20.7	12.8
Relatives in families maintained by women	464	18.9	81.1	71.7	434	20.6	79.4	69.8
Men who maintain families	334	37.6	62.4	57.0	340	43.1	56.9	51.4
With children under 18 years of age	124	69.6	30.4	22.9	122	78.3	21.7	20.8
Relatives in families maintained by men	359	7.9	92.1	87.7	334	7.2	92.8	87.0

¹ Excludes persons living alone or with nonrelatives, persons in families where the husband, wife, or other person maintaining the family is in the Armed Forces, and persons in unrelated subfamilies. Estimates for husbands, wives, and women who maintain families are somewhat different from marital status estimates shown in other tables in this publication because of differences in definitions and weighting patterns

used in aggregating the data.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-71. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin

(Numbers in thousands)

Type of family, number of earners, race, and Hispanic origin	Number of families		Median weekly earnings	
	II 1990	II 1991	II 1990	II 1991
TOTAL				
Total families with earners ¹	43,589	43,217	\$653	\$664
Married-couple families	34,285	33,725	727	745
One earner	12,058	11,974	454	450
Husband	8,866	8,639	516	519
Wife	2,424	2,528	289	277
Other family member	768	807	276	280
Two or more earners	22,227	21,750	871	899
Husband and wife	19,792	19,484	890	914
Husband and other family member(s)	1,762	1,603	815	845
Wife and other family member(s)	522	494	530	595
Other family members only	151	170	465	555
Families maintained by women	7,003	7,186	361	390
One earner	4,762	4,966	286	311
Householder	3,789	3,985	296	321
Other family member	973	980	237	277
Two or more earners	2,241	2,221	613	623
Families maintained by men	2,300	2,306	513	512
One earner	1,392	1,411	393	408
Two or more earners	909	895	788	758
White				
Total families with earners ¹	37,182	36,875	680	685
Married-couple families	30,430	29,988	738	753
One earner	10,819	10,762	470	466
Husband	8,047	7,888	524	530
Wife	2,103	2,175	271	276
Two or more earners	19,611	19,225	885	908
Husband and wife	17,471	17,206	902	922
Families maintained by women	4,950	5,075	373	396
Families maintained by men	1,802	1,812	558	523
Black				
Total families with earners ¹	5,010	4,956	472	506
Married-couple families	2,741	2,679	614	654
One earner	814	827	307	308
Husband	499	459	357	372
Wife	250	292	241	276
Two or more earners	1,927	1,851	750	781
Husband and wife	1,737	1,674	764	795
Families maintained by women	1,868	1,907	318	370
Families maintained by men	401	370	380	416
Hispanic origin				
Total families with earners ¹	3,525	3,597	495	502
Married-couple families	2,526	2,587	544	549
One earner	1,027	1,072	343	320
Husband	799	885	384	346
Wife	162	139	251	263
Two or more earners	1,499	1,515	701	711
Husband and wife	1,195	1,134	721	721
Families maintained by women	653	655	345	361
Families maintained by men	346	355	464	459

¹ Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-72. Families with unemployed members and wage and salary workers by type of family and median weekly earnings

(Numbers in thousands)

Type of family and relationship of unemployed members to wage and salary earners	Number of families		Median weekly earnings	
	II 1990	II 1991	II 1990	II 1991
Married-couple families ¹	2,487	2,960	\$497	\$492
Husband unemployed	778	1,003	318	340
Wife only earner	590	744	290	310
Wife and other earner(s)	127	153	545	539
Other earner(s) only	61	106	(²)	280
Wife unemployed	604	763	417	420
Husband only earner	604	763	417	420
Husband and other earner(s)	110	137	770	699
Other earner(s) only	5	16	(²)	(²)
Other member(s) unemployed	990	1,042	781	796
Husband or wife earner	319	362	528	509
Both husband and wife earners	623	662	952	945
Other combinations of earners	48	18	(²)	(²)
Families maintained by women ¹	507	582	292	355
Householder unemployed	64	86	(²)	(²)
Other member(s) unemployed	444	497	309	378
Families maintained by men ¹	178	220	407	406

¹ Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is

either self-employed or in the Armed Forces.

² Data not shown where base is less than 100,000.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-73. Median weekly earnings of full-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	II 1990	II 1991	II 1990	II 1991
SEX AND AGE				
Total, 16 years and over	85,294	83,636	\$413	\$424
Men, 16 years and over	49,217	48,009	482	489
16 to 24 years	6,437	5,949	282	285
25 years and over	42,780	42,060	510	518
Women, 16 years and over	36,077	35,628	346	368
16 to 24 years	4,982	4,603	254	265
25 years and over	31,095	31,025	368	388
FAMILY RELATIONSHIP				
Husbands	31,352	30,710	525	545
Wives	18,952	18,690	358	378
Women who maintain families	4,807	4,896	339	371
Men who maintain families	1,847	1,793	437	466
Other persons in families:				
Men	6,349	6,156	293	297
Women	4,306	4,280	269	280
All other men ¹	9,668	9,349	440	449
All other women ¹	8,013	7,761	381	400
RACE, HISPANIC ORIGIN, AND SEX				
White	72,783	71,237	425	438
Men	42,697	41,596	495	500
Women	30,086	29,640	353	374
Black	9,773	9,504	326	351
Men	4,985	4,808	357	378
Women	4,788	4,696	310	327
Hispanic origin	7,067	6,985	303	317
Men	4,448	4,430	315	325
Women	2,619	2,555	284	302

¹ The majority of these persons are living alone or with nonrelatives. Also included are persons in families where the husband, wife, or other person maintaining the family is in the Armed Forces, and persons in unrelated subfamilies.

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

A-74. Median weekly earnings of part-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	II 1990	II 1991	II 1990	II 1991
SEX AND AGE				
Total, 16 years and over	19,052	19,313	\$119	\$126
Men, 16 years and over	5,979	6,007	113	118
16 to 24 years	3,260	3,070	97	104
25 years and over	2,719	2,937	146	146
Women, 16 years and over	13,073	13,306	122	131
16 to 24 years	3,878	3,812	95	100
25 years and over	9,195	9,494	143	149
FAMILY RELATIONSHIP				
Husbands	1,591	1,691	148	146
Wives	6,812	6,944	147	154
Women who maintain families	981	1,063	138	140
Men who maintain families	111	129	144	151
Other persons in families:				
Men	3,236	3,030	96	103
Women	3,364	3,354	93	98
All other men ¹	1,041	1,157	142	147
All other women ¹	1,916	1,945	120	128
RACE, HISPANIC ORIGIN, AND SEX				
White	16,721	16,936	120	127
Men	5,116	5,132	112	119
Women	11,606	11,804	124	132
Black	1,751	1,768	111	115
Men	626	645	111	106
Women	1,126	1,124	110	122
Hispanic origin	1,157	1,275	129	131
Men	464	544	137	134
Women	693	731	124	129

¹ The majority of these persons are living alone or with nonrelatives. Also included are persons in families where the husband, wife, or other person maintaining the family is in the Armed Forces, and persons in unrelated subfamilies.

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-75. Median weekly earnings of full-time wage and salary workers by occupation and sex

Occupation and sex	Number of workers (in thousands)		Median weekly earnings	
	II 1990	II 1991	II 1990	II 1991
TOTAL				
Managerial and professional specialty	22,889	23,005	\$599	\$618
Executive, administrative, and managerial	11,408	11,459	595	611
Professional specialty	11,481	11,546	603	623
Technical, sales, and administrative support	26,257	25,404	379	391
Technicians and related support	3,490	3,169	498	505
Sales occupations	8,115	7,925	402	407
Administrative support, including clerical	14,653	14,311	349	366
Service occupations	8,962	8,985	268	278
Private household	276	317	164	162
Protective service	1,792	1,826	445	483
Service, except private household and protective	6,893	6,842	248	258
Precision production, craft, and repair	10,873	10,719	476	476
Mechanics and repairers	3,676	3,801	477	476
Construction trades	3,653	3,385	485	477
Other precision production, craft, and repair	3,544	3,533	461	475
Operators, fabricators, and laborers	14,909	14,033	339	355
Machine operators, assemblers, and inspectors	7,269	6,910	323	342
Transportation and material moving occupations	3,945	3,820	418	419
Handlers, equipment cleaners, helpers, and laborers	3,694	3,302	299	308
Farming, forestry, and fishing	1,404	1,490	255	264
Men				
Managerial and professional specialty	12,216	12,179	717	741
Executive, administrative, and managerial	6,459	6,521	722	737
Professional specialty	5,758	5,658	712	744
Technical, sales, and administrative support	9,963	9,449	494	498
Technicians and related support	1,924	1,741	561	564
Sales occupations	4,646	4,538	506	499
Administrative support, including clerical	3,394	3,171	438	456
Service occupations	4,537	4,600	317	320
Private household	14	23	(¹)	(¹)
Protective service	1,564	1,578	454	494
Service, except private household and protective	2,960	2,999	273	279
Precision production, craft, and repair	9,965	9,792	487	488
Mechanics and repairers	3,551	3,649	477	472
Construction trades	3,587	3,338	486	478
Other precision production, craft, and repair	2,827	2,805	503	517
Operators, fabricators, and laborers	11,317	10,674	379	391
Machine operators, assemblers, and inspectors	4,462	4,295	391	403
Transportation and material moving occupations	3,734	3,604	426	421
Handlers, equipment cleaners, helpers, and laborers	3,121	2,775	308	316
Farming, forestry, and fishing	1,217	1,314	262	269
Women				
Managerial and professional specialty	10,672	10,826	507	519
Executive, administrative, and managerial	4,949	4,938	484	495
Professional specialty	5,723	5,888	525	548
Technical, sales, and administrative support	16,294	15,954	329	351
Technicians and related support	1,566	1,428	426	442
Sales occupations	3,469	3,387	284	311
Administrative support, including clerical	11,259	11,140	332	349
Service occupations	4,424	4,386	231	243
Private household	262	294	161	164
Protective service	228	247	369	436
Service, except private household and protective	3,934	3,844	231	244
Precision production, craft, and repair	908	927	319	354
Mechanics and repairers	125	152	476	541
Construction trades	66	47	(¹)	(¹)
Other precision production, craft, and repair	717	727	295	320
Operators, fabricators, and laborers	3,592	3,359	262	275
Machine operators, assemblers, and inspectors	2,807	2,615	261	272
Transportation and material moving occupations	212	216	296	320
Handlers, equipment cleaners, helpers, and laborers	573	528	249	269
Farming, forestry, and fishing	187	176	214	220

¹ Data not shown where base is less than 100,000.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-76. Employment status of the civilian noninstitutional population in metropolitan, nonmetropolitan, urban, and rural areas by sex, age, race, and Hispanic origin

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Total United States		Metropolitan areas					
	|| 1990	|| 1991	Total		Central cities		Suburbs	
			|| 1990	|| 1991	|| 1990	|| 1991	|| 1990	|| 1991
TOTAL								
Civilian noninstitutional population	187,824	189,523	146,051	147,506	57,428	57,110	88,622	90,397
Civilian labor force	124,921	125,546	98,504	99,017	37,160	36,885	61,344	62,133
Percent of population	66.5	66.2	67.4	67.1	64.7	64.6	69.2	68.7
Employed	118,414	117,194	93,480	92,522	34,788	34,018	58,692	58,503
Unemployed	8,507	8,352	5,024	6,496	2,372	2,866	2,852	3,829
Unemployment rate	5.2	6.7	5.1	6.8	6.4	7.8	4.3	5.8
Not in labor force	62,904	63,977	47,547	48,489	20,288	20,225	27,279	28,284
Men, 20 years and over								
Civilian noninstitutional population	82,581	83,850	64,226	65,142	24,889	24,871	39,337	40,271
Civilian labor force	64,355	64,911	50,747	51,202	19,007	19,045	31,740	32,157
Percent of population	77.9	77.6	79.0	78.6	78.4	78.6	80.7	79.9
Employed	61,415	60,889	48,451	48,019	17,898	17,637	30,553	30,382
Unemployed	2,940	4,022	2,296	3,183	1,109	1,408	1,187	1,775
Unemployment rate	4.8	6.2	4.5	6.2	5.8	7.4	3.7	5.5
Not in labor force	18,226	18,739	13,479	13,940	5,883	5,828	7,597	8,114
Women, 20 years and over								
Civilian noninstitutional population	91,413	92,453	71,225	72,142	28,577	28,440	42,848	43,702
Civilian labor force	52,924	53,528	41,989	42,452	16,213	16,069	25,778	26,384
Percent of population	57.9	57.9	59.0	58.8	56.7	56.5	60.4	60.4
Employed	50,557	50,583	40,185	40,170	15,335	15,015	24,830	25,155
Unemployed	2,367	2,945	1,824	2,282	878	1,054	946	1,229
Unemployment rate	4.5	5.5	4.3	5.4	5.4	6.8	3.7	4.7
Not in labor force	38,489	38,924	29,235	29,690	12,364	12,371	18,872	17,319
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,830	13,420	10,800	10,223	3,962	3,799	6,638	6,423
Civilian labor force	7,641	7,106	5,768	5,383	1,940	1,771	3,828	3,592
Percent of population	55.3	53.0	54.4	52.5	49.0	46.6	57.7	55.9
Employed	6,441	5,722	4,865	4,332	1,555	1,366	3,309	2,968
Unemployed	1,200	1,385	903	1,031	385	405	519	626
Unemployment rate	15.7	19.5	15.7	19.2	19.8	22.9	13.5	17.4
Not in labor force	6,189	6,314	4,832	4,880	2,022	2,028	2,810	2,832
White								
Civilian noninstitutional population	180,269	161,357	122,731	123,689	42,591	42,189	80,140	81,480
Civilian labor force	107,354	107,795	83,509	83,843	28,096	27,831	55,413	56,012
Percent of population	67.0	66.8	68.0	67.8	66.0	66.0	69.1	68.7
Employed	102,518	101,448	79,872	78,988	26,682	26,046	53,190	52,942
Unemployed	4,837	6,347	3,837	4,856	1,415	1,785	2,223	3,070
Unemployment rate	4.5	5.9	4.4	5.8	5.0	6.4	4.0	5.5
Not in labor force	52,914	53,561	39,221	39,826	14,495	14,358	24,727	25,468
Black								
Civilian noninstitutional population	21,259	21,568	17,815	17,967	12,086	12,072	5,729	5,894
Civilian labor force	13,495	13,543	11,390	11,415	7,339	7,311	4,051	4,105
Percent of population	63.5	62.8	63.9	63.5	60.7	60.6	70.7	69.6
Employed	12,061	11,814	10,193	10,003	6,481	6,330	3,712	3,673
Unemployed	1,434	1,729	1,197	1,413	858	981	339	432
Unemployment rate	10.6	12.8	10.5	12.4	11.7	13.4	6.4	10.5
Not in labor force	7,764	8,026	6,425	6,551	4,747	4,761	1,678	1,790
Hispanic origin								
Civilian noninstitutional population	14,238	14,711	13,291	13,819	7,706	7,754	5,585	6,065
Civilian labor force	9,649	9,757	8,971	9,181	4,967	5,024	4,004	4,158
Percent of population	67.8	66.3	67.5	66.4	64.5	64.8	71.7	68.5
Employed	8,918	8,836	8,314	8,314	4,579	4,532	3,735	3,782
Unemployed	731	921	657	867	388	491	269	376
Unemployment rate	7.6	9.4	7.3	9.4	7.8	9.8	6.7	9.0
Not in labor force	4,589	4,954	4,320	4,638	2,738	2,730	1,582	1,908

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-76. Employment status of the civilian noninstitutional population in metropolitan, nonmetropolitan, urban, and rural areas by sex, age, race, and Hispanic origin—Continued

(Numbers in thousands)

Employment status, sex, age, race, and Hispanic origin	Nonmetropolitan areas						Urban areas		Rural areas	
	Total		Farm		Nonfarm		1990	1991	1990	1991
	1990	1991	1990	1991	1990	1991				
TOTAL										
Civilian noninstitutional population	41,774	42,017	2,626	2,708	39,148	39,309	137,066	138,254	50,759	51,269
Civilian labor force	26,417	26,529	1,844	1,919	24,573	24,610	91,162	91,647	33,739	33,900
Percent of population	63.2	63.1	70.2	70.9	62.8	62.8	66.5	66.3	66.5	66.1
Employed	24,934	24,673	1,809	1,885	23,125	22,807	86,262	85,355	32,151	31,840
Unemployed	1,483	1,656	35	53	1,446	1,803	4,919	6,292	1,588	2,060
Unemployment rate	5.6	7.0	1.9	2.8	5.9	7.3	5.4	6.9	4.7	8.1
Not in labor force	15,357	15,488	782	789	14,575	14,699	45,884	46,608	17,020	17,369
Men, 20 years and over										
Civilian noninstitutional population	18,355	18,509	1,254	1,320	17,101	17,189	59,643	60,356	22,938	23,295
Civilian labor force	13,608	13,709	1,046	1,114	12,562	12,595	46,544	46,976	17,811	17,935
Percent of population	74.1	74.1	83.4	84.4	73.5	73.3	78.0	77.8	77.6	77.0
Employed	12,964	12,670	1,034	1,090	11,930	11,780	44,315	43,955	17,100	16,934
Unemployed	644	840	12	24	632	816	2,229	3,021	711	1,001
Unemployment rate	4.7	6.1	1.2	2.1	5.0	6.5	4.8	6.4	4.0	5.6
Not in labor force	4,747	4,799	208	206	4,539	4,593	13,099	13,379	5,127	5,380
Women, 20 years and over										
Civilian noninstitutional population	20,188	20,311	1,173	1,170	19,015	19,140	67,598	68,396	23,815	24,057
Civilian labor force	10,935	11,076	673	676	10,263	10,400	39,318	39,708	13,607	13,820
Percent of population	54.2	54.5	57.3	57.8	54.0	54.3	58.2	58.1	57.1	57.4
Employed	10,393	10,413	658	662	9,735	9,751	37,507	37,437	13,050	13,146
Unemployed	543	663	15	14	528	648	1,811	2,271	556	674
Unemployment rate	5.0	6.0	2.2	2.1	5.1	6.2	4.6	5.7	4.1	4.9
Not in labor force	9,253	9,235	501	494	8,753	8,741	28,281	28,688	10,208	10,237
Both sexes, 16 to 19 years										
Civilian noninstitutional population	3,231	3,197	199	217	3,032	2,980	9,824	9,503	4,006	3,917
Civilian labor force	1,873	1,743	125	128	1,748	1,615	5,320	4,962	2,321	2,145
Percent of population	58.0	54.5	63.0	59.0	57.7	54.2	54.2	52.2	57.9	54.7
Employed	1,577	1,390	117	113	1,460	1,276	4,440	3,962	2,001	1,759
Unemployed	296	354	8	15	288	339	879	999	320	385
Unemployment rate	15.8	20.3	6.5	11.8	16.5	21.0	16.5	20.1	13.8	18.0
Not in labor force	1,357	1,454	73	89	1,284	1,365	4,504	4,541	1,685	1,773
White										
Civilian noninstitutional population	37,538	37,687	2,551	2,632	34,987	35,056	113,129	113,965	47,140	47,392
Civilian labor force	23,845	23,952	1,799	1,870	22,046	22,082	75,916	76,316	31,437	31,479
Percent of population	63.5	63.6	70.5	71.1	63.0	63.0	67.1	67.0	66.7	66.4
Employed	22,646	22,460	1,767	1,822	20,878	20,638	72,469	71,764	30,049	29,684
Unemployed	1,199	1,492	31	48	1,168	1,444	3,449	4,552	1,388	1,796
Unemployment rate	5.0	6.2	1.7	2.6	5.3	6.5	4.5	6.0	4.4	5.7
Not in labor force	13,693	13,736	753	762	12,940	12,974	37,211	37,649	15,704	15,913
Black										
Civilian noninstitutional population	3,445	3,602	45	47	3,399	3,554	18,361	18,486	2,898	3,083
Civilian labor force	2,105	2,127	27	30	2,078	2,097	11,629	11,621	1,866	1,921
Percent of population	61.1	59.1	(¹)	(¹)	61.1	59.0	63.3	62.9	64.4	62.3
Employed	1,868	1,811	23	27	1,845	1,784	10,360	10,110	1,701	1,704
Unemployed	237	316	4	3	233	313	1,269	1,511	185	218
Unemployment rate	11.3	14.9	(¹)	(¹)	11.2	14.9	10.9	13.0	8.8	11.3
Not in labor force	1,339	1,474	18	17	1,321	1,457	6,732	6,864	1,032	1,161
Hispanic origin										
Civilian noninstitutional population	947	892	43	34	904	858	13,126	13,699	1,112	1,012
Civilian labor force	677	576	32	27	645	549	8,867	9,077	782	680
Percent of population	71.5	64.6	(¹)	(¹)	71.4	64.0	67.5	66.3	70.3	67.2
Employed	604	522	28	26	576	496	8,208	8,218	710	619
Unemployed	74	54	4	1	70	53	659	859	72	61
Unemployment rate	10.9	9.3	(¹)	(¹)	10.8	9.6	7.4	9.5	9.2	9.0
Not in labor force	269	316	11	7	259	309	4,259	4,622	330	331

¹ Data not shown where base is less than 60,000.

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are

included in both the white and black population groups. These data are based on 1980 census designations and are not comparable to data published through the first quarter of 1984.

HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-77. Employment status of the civilian noninstitutional population in poverty and nonpoverty areas by race and Hispanic origin

(Numbers in thousands)

Employment status, race, and Hispanic origin	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991	1990	1991
TOTAL												
Civilian noninstitutional population	27,095	26,728	160,730	162,795	17,625	17,125	128,426	130,381	9,470	9,603	32,304	32,414
Civilian labor force	15,453	15,212	109,468	110,334	9,894	9,600	88,610	89,417	5,558	5,611	20,859	20,917
Percent of population	57.0	56.9	68.1	67.8	56.1	56.1	69.0	68.6	58.7	58.4	64.6	64.5
Employed	14,029	13,515	104,385	103,679	8,878	8,402	84,602	84,119	5,151	5,113	19,783	19,560
Unemployed	1,424	1,697	5,084	6,655	1,016	1,198	4,008	5,298	408	499	1,076	1,357
Unemployment rate	9.2	11.2	4.6	6.0	10.3	12.5	4.5	5.9	7.3	8.9	5.2	6.5
Men, 20 years and over	8.4	10.1	4.0	5.7	9.7	11.6	4.0	5.6	6.2	7.5	4.3	5.8
Women, 20 years and over	7.8	9.7	4.0	4.9	8.6	10.9	3.9	4.8	6.5	7.8	4.5	5.5
Both sexes, 16 to 19 years	25.6	30.5	14.3	17.9	28.3	33.4	14.3	17.7	21.6	26.5	14.4	18.6
Men	23.9	32.3	14.8	19.0	25.9	36.2	14.6	19.2	20.9	27.2	15.7	18.6
Women	27.5	28.5	13.8	16.6	30.9	30.4	14.0	16.1	22.3	25.8	13.0	18.6
Not in labor force	11,642	11,517	51,262	52,461	7,730	7,525	39,816	40,964	3,912	3,992	11,445	11,496
White												
Civilian noninstitutional population	16,358	16,183	143,910	145,173	9,290	8,985	113,440	114,684	7,068	7,198	30,470	30,489
Civilian labor force	9,578	9,491	97,776	98,304	5,384	5,241	78,126	78,603	4,194	4,250	19,651	19,702
Percent of population	58.5	58.6	67.9	67.7	58.0	58.3	68.9	68.5	59.3	59.0	64.5	64.6
Employed	8,930	8,690	93,588	92,758	4,957	4,728	74,915	74,260	3,973	3,962	18,673	18,498
Unemployed	648	801	4,189	5,547	427	513	3,210	4,343	221	288	978	1,204
Unemployment rate	6.8	8.4	4.3	5.6	7.9	9.8	4.1	5.5	5.3	6.8	5.0	6.1
Men, 20 years and over	6.2	7.4	3.7	5.3	7.5	8.5	3.6	5.3	4.4	5.9	4.2	5.4
Women, 20 years and over	5.6	7.7	3.7	4.5	6.4	9.8	3.5	4.4	4.6	5.3	4.4	5.2
Both sexes, 16 to 19 years	19.5	23.1	13.1	16.9	22.1	23.3	12.9	16.7	16.6	22.9	13.6	17.7
Men	19.4	23.9	13.2	18.0	23.3	24.8	12.8	18.1	15.0	23.1	14.3	17.6
Women	19.6	22.1	13.0	15.8	20.7	21.7	13.1	15.2	18.4	22.6	12.8	17.9
Not in labor force	6,781	6,693	46,134	46,869	3,906	3,745	35,315	36,081	2,874	2,948	10,819	10,787
Black												
Civilian noninstitutional population	9,585	9,493	11,674	12,076	7,480	7,345	10,334	10,622	2,105	2,148	1,340	1,454
Civilian labor force	5,255	5,170	8,240	8,373	4,052	3,958	7,338	7,458	1,203	1,212	902	915
Percent of population	54.8	54.5	70.6	69.3	54.2	53.9	71.0	70.2	57.2	56.5	67.3	62.9
Employed	4,541	4,331	7,521	7,483	3,505	3,305	6,688	6,698	1,036	1,025	832	786
Unemployed	714	840	720	889	548	653	649	760	167	187	70	129
Unemployment rate	13.6	16.2	8.7	10.6	13.5	16.5	8.8	10.2	13.9	15.4	7.8	14.1
Men, 20 years and over	12.7	15.7	7.6	10.2	13.0	16.7	7.8	9.7	11.8	12.4	5.7	14.0
Women, 20 years and over	11.5	13.0	7.2	8.8	11.2	12.4	7.2	8.4	12.4	15.0	6.9	11.7
Both sexes, 16 to 19 years	36.4	45.0	28.5	30.8	35.9	48.2	28.7	30.4	37.7	36.9	26.9	34.2
Men	33.4	47.9	32.8	32.0	29.9	51.5	32.7	31.7	(¹)	38.7	(¹)	34.2
Women	39.1	41.6	23.3	29.5	41.5	44.3	24.0	28.9	(¹)	34.7	(¹)	34.2
Not in labor force	4,330	4,323	3,434	3,703	3,428	3,388	2,997	3,164	902	935	438	539
Hispanic origin												
Civilian noninstitutional population	4,340	4,210	9,897	10,501	3,994	3,909	9,297	9,911	347	301	600	591
Civilian labor force	2,507	2,363	7,141	7,394	2,278	2,178	6,693	7,004	229	186	449	390
Percent of population	57.8	56.1	72.2	70.4	57.1	55.7	72.0	70.7	65.9	61.7	74.8	66.0
Employed	2,245	2,080	6,673	6,756	2,040	1,916	6,274	6,398	205	164	399	358
Unemployed	262	283	469	638	239	262	418	605	23	21	50	32
Unemployment rate	10.4	12.0	6.6	8.6	10.5	12.0	6.3	8.6	10.2	11.5	11.2	8.3
Men, 20 years and over	9.1	9.2	5.3	7.9	9.1	9.3	5.1	8.1	9.2	8.1	7.6	5.6
Women, 20 years and over	10.0	13.2	6.0	7.5	9.9	13.7	5.5	7.5	10.8	7.7	12.9	6.6
Both sexes, 16 to 19 years	23.5	30.9	20.1	21.4	25.4	28.9	19.6	20.7	(¹)	(¹)	(¹)	29.5
Men	21.9	32.8	19.0	21.8	23.4	31.0	18.1	21.8	(¹)	(¹)	(¹)	(¹)
Women	26.0	28.4	22.0	21.0	28.1	26.2	21.9	19.2	(¹)	(¹)	(¹)	(¹)
Not in labor force	1,833	1,846	2,756	3,107	1,715	1,731	2,605	2,907	118	115	151	201

¹ Data not shown where base is less than 60,000.

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and

Hispanics are included in both the white and black population groups. These data are based on 1980 census designations and are not comparable to data published through the first quarter of 1984.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

B-2. Employees on nonfarm payrolls by detailed industry

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p	May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p
Total		110,721	111,405	108,590	109,271	109,755	-	-	-	-	-
Total private		91,826	92,754	89,825	90,458	91,239	74,428	75,254	72,530	73,140	73,853
Mining		712	723	703	704	707	511	520	502	502	502
Metal mining	10	59.0	60.4	59.4	59.6	-	46.9	48.1	46.6	46.7	-
Iron ores	101	9.1	9.3	8.9	9.0	-	7.5	7.7	6.8	6.9	-
Copper ores	102	15.0	15.3	15.7	15.7	-	12.2	12.5	12.9	12.9	-
Coal mining	12	149.6	150.3	141.6	139.9	-	121.5	122.1	114.0	112.4	-
Bituminous coal and lignite mining	122	140.0	140.5	132.0	130.4	-	113.7	114.1	106.3	104.7	-
Oil and gas extraction	13	389.9	397.1	394.6	394.8	397.6	255.5	261.7	260.2	259.7	-
Crude petroleum and natural gas	131	192.2	194.0	188.8	190.1	-	92.8	93.9	93.3	94.5	-
Oil and gas field services	138	193.4	198.7	201.3	200.2	-	159.3	164.4	163.7	162.0	-
Nonmetallic minerals, except fuels	14	113.7	115.5	107.5	109.6	-	86.6	88.2	80.9	83.0	-
Crushed and broken stone	142	42.1	43.1	40.1	40.8	-	32.8	33.8	30.4	31.3	-
Sand and gravel	144	35.2	35.5	32.0	33.5	-	-	-	-	-	-
Chemical and fertilizer minerals	147	16.7	16.8	16.4	16.1	-	-	-	-	-	-
Construction		5,238	5,388	4,552	4,743	4,889	4,082	4,222	3,437	3,622	3,757
General building contractors	15	1,321.0	1,367.2	1,140.1	1,171.5	1,211.9	955.8	1,000.6	799.6	832.3	-
Residential building construction	152	663.3	684.2	562.5	587.4	-	466.1	486.1	381.3	406.7	-
Operative builders	153	39.8	39.5	31.8	31.8	-	17.2	17.0	11.8	12.2	-
Nonresidential building construction	154	617.9	643.5	545.8	552.3	-	472.5	497.5	406.5	413.4	-
Heavy construction, except building	16	796.8	820.3	683.1	736.8	-	671.4	693.2	561.9	614.9	-
Highway and street construction	161	261.3	279.3	210.1	247.6	-	220.9	237.7	169.7	207.0	-
Heavy construction, except highway	162	535.5	541.0	473.0	489.2	-	450.5	455.5	392.2	407.9	-
Special trade contractors	17	3,120.5	3,200.2	2,729.0	2,834.2	-	2,454.4	2,528.3	2,075.3	2,174.7	-
Plumbing, heating, and air conditioning	171	652.1	665.8	600.8	607.9	-	478.5	490.2	430.7	438.0	-
Painting and paper hanging	172	179.6	189.7	151.9	164.4	-	149.3	159.3	121.8	134.2	-
Electrical work	173	547.3	560.3	513.7	517.6	-	424.0	435.2	387.6	391.3	-
Masonry, stonework, and plastering	174	497.5	512.6	407.3	427.1	-	426.9	442.0	341.2	360.3	-
Carpentry and floor work	175	204.1	206.0	165.8	171.1	-	155.0	156.7	121.0	126.3	-
Roofing, siding, and sheet metal work	176	212.6	219.5	189.4	195.2	-	169.6	175.8	146.7	152.5	-
Manufacturing		19,178	19,306	18,310	18,367	18,469	13,030	13,131	12,327	12,383	12,481
Durable goods		11,215	11,261	10,539	10,568	10,592	7,455	7,491	6,931	6,963	6,990
Lumber and wood products	24	748.3	760.4	681.4	694.0	707.8	616.5	627.6	555.4	567.2	580.3
Logging	241	83.9	87.6	73.2	76.0	-	68.8	72.5	59.1	61.6	-
Sawmills and planing mills	242	202.4	203.8	188.4	189.8	-	176.4	177.6	162.6	164.0	-
Sawmills and planing mills, general	2421	163.7	165.1	151.9	153.1	-	142.5	143.7	130.9	132.0	-
Hardwood dimension and flooring mills	2426	35.8	35.8	33.6	33.8	-	31.4	31.5	29.3	29.5	-
Millwork, plywood, and structural members	243	270.0	273.7	238.1	244.2	-	217.8	221.0	189.2	195.2	-
Millwork	2431	109.5	111.6	96.8	99.9	-	86.2	87.8	74.0	77.2	-
Wood kitchen cabinets	2434	74.3	75.2	67.4	67.7	-	58.9	59.9	53.2	53.5	-
Hardwood veneer and plywood	2435	24.2	24.4	21.1	21.4	-	20.9	21.0	18.1	18.4	-
Softwood veneer and plywood	2436	33.7	33.9	30.3	30.8	-	30.2	30.4	27.0	27.4	-
Wood containers	244	45.3	46.5	43.7	43.7	-	38.3	39.3	36.7	36.7	-
Wood buildings and mobile homes	245	60.3	62.5	57.7	59.4	-	45.4	47.3	43.0	44.5	-
Mobile homes	2451	41.3	42.3	41.0	41.5	-	33.4	34.3	32.7	33.1	-
Miscellaneous wood products	249	86.4	86.3	80.3	80.9	-	69.8	69.9	64.8	65.2	-
Furniture and fixtures	25	512.4	513.1	479.7	480.2	482.6	405.1	405.4	375.8	375.3	378.8
Household furniture	251	294.2	292.0	276.1	276.1	-	246.0	243.8	228.8	228.5	-
Wood household furniture	2511	128.7	128.5	121.9	121.8	-	110.7	110.5	104.0	103.7	-
Upholstered household furniture	2512	97.7	97.6	91.8	92.0	-	81.6	81.4	75.7	75.8	-
Metal household furniture	2514	25.3	24.2	23.5	23.4	-	20.3	19.4	18.8	18.6	-
Mattresses and bedsprings	2515	29.2	29.1	27.9	27.8	-	22.3	22.2	21.3	21.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p	May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p
Durable goods—Continued											
Furniture and fixtures—Continued											
Office furniture	252	68.3	68.5	63.7	63.6	-	50.9	51.0	46.8	46.1	-
Public building and related furniture	253	33.6	33.8	30.0	30.4	-	26.2	26.2	23.2	23.7	-
Partitions and fixtures	254	79.0	80.8	76.2	76.2	-	56.5	58.4	54.6	54.6	-
Miscellaneous furniture and fixtures	259	37.3	38.0	33.7	33.9	-	25.5	26.0	22.4	22.4	-
Stone, clay, and glass products	32	566.7	571.0	518.0	522.8	530.2	440.7	444.9	398.5	403.4	409.2
Flat glass	321	16.5	16.8	14.9	14.5	-	13.0	13.3	11.7	11.4	-
Glass and glassware, pressed or blown	322	83.1	83.5	79.4	79.4	-	71.4	71.9	68.2	68.2	-
Glass containers	3221	40.2	40.6	38.0	38.2	-	36.2	36.6	34.3	34.5	-
Pressed and blown glass, nec	3229	42.9	42.9	41.4	41.2	-	35.2	35.3	33.9	33.7	-
Products of purchased glass	323	60.6	60.5	54.4	55.5	-	46.3	46.2	41.0	42.0	-
Cement, hydraulic	324	18.1	18.5	17.9	18.0	-	13.8	14.3	13.7	13.8	-
Structural clay products	325	36.6	37.1	32.5	32.2	-	28.2	28.9	24.6	24.7	-
Pottery and related products	326	38.9	39.0	35.9	36.0	-	30.5	30.6	28.1	28.0	-
Concrete, gypsum, and plaster products	327	214.5	216.1	191.7	196.2	-	164.4	165.5	144.5	147.8	-
Concrete block and brick	3271	20.7	21.1	18.1	18.7	-	13.6	13.8	11.5	11.7	-
Concrete products, nec	3272	73.1	73.1	65.7	66.2	-	55.0	54.9	49.0	49.3	-
Ready-mixed concrete	3273	101.8	102.9	90.5	94.0	-	81.2	82.2	70.7	73.6	-
Misc. nonmetallic mineral products	329	82.4	83.4	76.7	76.7	-	61.0	62.0	56.1	56.9	-
Abrasive products	3291	21.7	21.8	20.2	20.1	-	15.3	15.5	14.6	14.8	-
Asbestos products	3292	6.6	6.8	5.8	5.9	-	5.0	5.1	4.4	4.5	-
Mineral wool	3296	24.2	24.3	22.0	22.2	-	-	-	-	-	-
Primary metal industries	33	758.4	763.6	722.2	720.2	721.2	576.6	581.1	543.9	542.8	544.2
Blast furnaces and basic steel products	331	275.1	277.2	261.7	260.3	259.7	211.5	212.9	199.2	198.3	197.7
Blast furnaces and steel mills	3312	207.1	208.6	197.2	195.9	-	160.8	161.8	151.6	150.7	-
Steel pipe and tubes	3317	25.5	25.7	24.2	24.2	-	19.0	19.2	17.8	17.8	-
Iron and steel foundries	332	132.8	134.4	125.9	127.1	-	105.4	107.1	99.5	100.3	-
Gray and ductile iron foundries	3321	81.3	81.9	75.9	76.3	-	66.1	66.9	61.1	61.4	-
Malleable iron foundries	3322	8.9	9.0	7.8	8.3	-	6.8	6.9	5.6	6.0	-
Steel foundries, nec	3325	27.2	27.9	26.3	26.4	-	21.1	21.8	20.5	20.5	-
Primary nonferrous metals	333	45.9	46.5	45.7	45.4	-	33.6	34.1	34.3	34.2	-
Primary aluminum	3334	25.9	26.2	25.9	25.9	-	19.5	19.8	20.4	20.5	-
Nonferrous rolling and drawing	335	173.4	173.9	166.5	165.6	-	125.2	125.8	118.6	117.9	-
Copper rolling and drawing	3351	22.8	23.1	21.8	21.6	-	17.4	17.6	16.5	16.4	-
Aluminum sheet, plate, and foil	3353	28.6	28.6	28.2	28.1	-	19.3	19.4	18.7	18.7	-
Nonferrous wire drawing and insulating	3357	73.8	73.3	70.2	69.6	-	54.3	53.9	50.8	50.4	-
Nonferrous foundries (castings)	336	85.3	85.5	80.0	80.1	-	67.5	67.5	61.9	62.1	-
Aluminum foundries	3365	24.5	24.7	23.7	23.8	-	19.4	19.6	18.4	18.4	-
Fabricated metal products	34	1,431.7	1,437.0	1,350.1	1,352.9	1,362.8	1,054.5	1,060.3	985.2	988.9	998.9
Metal cans and shipping containers	341	51.1	51.4	48.8	49.3	-	43.7	44.1	42.2	42.6	-
Metal cans	3411	41.2	41.7	39.9	40.4	-	35.7	36.2	35.0	35.4	-
Cutlery, handtools, and hardware	342	132.6	132.6	122.2	121.5	-	97.2	97.4	89.2	88.6	-
Hand and edge tools, and blades and handsaws	3423,5	45.0	45.0	41.9	41.3	-	32.9	33.1	30.3	29.8	-
Hardware, nec	3429	75.7	75.6	69.0	68.9	-	56.3	56.1	51.1	51.2	-
Plumbing and heating, except electric	343	59.5	60.3	55.5	55.7	-	42.5	43.2	39.1	39.2	-
Plumbing fixture fittings and trim	3432	26.5	26.9	24.3	24.4	-	19.6	20.0	18.3	18.4	-
Heating equipment, except electric	3433	19.3	19.6	18.2	17.9	-	12.6	12.9	11.3	11.1	-
Fabricated structural metal products	344	426.3	429.9	404.4	407.1	-	302.2	306.0	282.7	284.7	-
Fabricated structural metal	3441	78.8	79.0	73.5	73.0	-	56.4	56.6	52.1	51.7	-
Metal doors, sash, and trim	3442	76.5	77.7	70.4	73.0	-	55.3	56.6	49.7	51.9	-
Fabricated plate work (boiler shops)	3443	105.8	106.5	104.8	104.0	-	70.9	71.7	69.7	68.9	-
Sheet metal work	3444	94.4	95.6	91.3	91.8	-	71.0	72.3	68.3	68.5	-
Architectural metal work	3446	29.4	29.6	26.3	26.5	-	20.8	21.1	18.1	18.3	-
Screw machine products, bolts, etc	345	97.0	97.1	91.5	90.9	-	74.1	74.4	69.3	69.0	-
Screw machine products	3451	46.5	46.4	43.7	43.4	-	37.6	37.6	35.1	34.9	-
Bolts, nuts, rivets, and washers	3452	50.5	50.7	47.8	47.5	-	36.5	36.8	34.2	34.1	-
Metal forgings and stampings	346	228.7	230.2	212.4	214.8	-	181.5	182.8	166.3	169.3	-
Iron and steel forgings	3462	33.1	33.3	32.6	32.4	-	25.4	25.5	24.9	24.5	-
Automotive stampings	3465	104.4	104.7	91.4	93.8	-	87.4	87.7	75.2	78.4	-
Metal stampings, nec	3469	79.3	80.4	77.4	77.6	-	59.9	60.8	58.1	58.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Durable goods—Continued											
Fabricated metal products—Continued											
Metal services, nec	347	121.5	121.5	115.3	115.3	-	95.1	95.4	89.2	89.2	-
Plating and polishing	3471	76.8	76.9	72.1	71.6	-	60.5	60.7	55.9	55.4	-
Metal coating and allied services	3479	44.7	44.6	43.2	43.7	-	34.6	34.7	33.3	33.8	-
Ordinance and accessories, nec	348	76.0	74.8	71.2	70.1	-	47.2	46.3	44.9	44.1	-
Ammunition, except for small arms, nec	3483	45.8	45.1	42.8	41.8	-	25.5	25.1	24.5	23.9	-
Miscellaneous fabricated metal products	349	239.0	239.2	228.8	228.2	-	171.0	170.7	162.3	162.2	-
Valves and pipe fittings, nec	3494	28.9	28.9	28.0	27.7	-	18.5	18.5	19.2	19.0	-
Misc. fabricated wire products	3496	54.3	54.2	50.8	50.7	-	41.1	40.9	37.7	37.8	-
Industrial machinery and equipment	35	2,109.1	2,110.9	2,010.8	2,001.9	1,996.6	1,272.5	1,271.3	1,200.4	1,191.2	1,184.5
Engines and turbines	351	89.9	88.7	86.8	87.2	-	58.0	57.8	55.0	54.3	-
Turbines and turbine generator sets	3511	26.2	26.5	28.4	28.6	-	15.1	15.3	16.6	16.4	-
Internal combustion engines, nec	3519	63.7	62.2	58.4	58.6	-	42.9	42.5	38.4	37.9	-
Farm and garden machinery	352	109.7	107.0	103.0	102.8	-	81.9	78.6	75.3	75.0	-
Farm machinery and equipment	3523	79.1	80.0	75.0	75.4	-	57.2	57.5	53.8	54.1	-
Construction and related machinery	353	229.0	230.8	219.9	215.6	-	141.1	142.4	132.5	129.0	-
Construction machinery	3531	88.1	88.0	79.4	76.7	-	55.0	54.5	47.4	44.9	-
Mining machinery	3532	18.2	18.3	17.0	16.3	-	11.3	11.4	10.1	9.5	-
Oil and gas field machinery	3533	41.2	42.2	45.6	44.9	-	24.8	25.9	28.5	28.2	-
Conveyors and conveying equipment	3535	33.7	33.9	33.1	33.2	-	18.7	18.9	18.5	18.5	-
Industrial trucks and tractors	3537	27.8	28.3	26.0	25.8	-	18.9	19.3	17.1	16.9	-
Metalworking machinery	354	332.0	331.8	316.1	313.5	-	237.2	237.3	224.2	221.2	-
Machine tools, metal cutting types	3541	47.1	46.8	43.9	43.3	-	30.4	30.1	27.7	27.0	-
Machine tools, metal forming types	3542	18.1	18.1	16.9	16.7	-	11.3	11.3	10.4	10.2	-
Special dies, tools, jigs, and fixtures	3544	148.5	148.6	143.6	142.3	-	114.9	115.0	110.4	108.9	-
Machine tool accessories	3545	56.2	56.1	52.3	51.5	-	39.5	39.5	36.6	35.9	-
Power driven handtools	3546	21.3	21.3	19.7	20.0	-	14.8	14.7	13.4	13.7	-
Special industry machinery	355	160.3	160.7	150.0	148.6	-	95.0	94.7	86.9	85.9	-
Textile machinery	3552	18.2	18.3	16.9	16.9	-	12.0	12.1	11.3	11.1	-
Printing trades machinery	3555	25.6	25.6	24.6	24.3	-	14.3	14.0	13.0	12.9	-
Food products machinery	3556	23.8	23.8	21.6	21.4	-	14.3	14.4	12.6	12.5	-
General industrial machinery	356	248.2	250.3	242.5	242.2	-	159.0	159.9	153.5	153.0	-
Pumps and pumping equipment	3561	31.5	31.7	31.0	31.0	-	17.9	18.0	17.6	17.6	-
Ball and roller bearings	3562	43.1	43.3	42.1	41.7	-	33.6	33.5	32.5	32.3	-
Air and gas compressors	3563	26.0	26.7	25.8	25.9	-	14.8	15.1	14.1	14.1	-
Blowers and fans	3564	32.3	32.8	31.4	31.6	-	21.8	22.3	21.1	21.3	-
Speed changers, drives, and gears	3566	16.3	16.3	15.8	15.8	-	11.5	11.5	11.0	11.0	-
Power transmission equipment, nec	3568	19.4	19.5	18.7	18.6	-	13.1	13.2	12.3	12.2	-
Computer and office equipment	357	438.8	440.4	424.0	422.3	-	136.8	137.3	138.1	136.9	-
Electronic computers	3571	280.8	281.0	267.2	266.4	-	71.3	71.6	69.8	69.5	-
Computer terminals, calculators, and office machines, nec	3575,8,9	65.1	65.7	64.7	64.1	-	20.5	20.4	25.5	25.6	-
Refrigeration and service machinery	358	182.4	181.9	164.7	167.1	-	128.9	128.7	113.6	116.1	-
Refrigeration and heating equipment	3585	126.0	126.1	113.0	115.2	-	92.3	92.5	81.4	83.5	-
Misc. industrial and commercial machinery	359	318.8	319.3	303.8	302.6	-	234.6	234.6	221.3	219.8	-
Carburetors, pistons, rings, valves	3592	22.8	23.0	20.9	21.2	-	18.7	18.7	17.0	17.2	-
Scales, balances, and industrial machinery, nec	3596,9	247.4	249.0	237.5	236.3	-	187.8	188.0	177.9	176.7	-
Electronic and other electrical equipment	36	1,682.6	1,687.1	1,591.1	1,592.2	1,594.4	1,062.2	1,065.7	998.5	1,001.3	1,004.6
Electric distribution equipment	361	97.5	97.7	92.4	92.3	-	68.1	67.9	63.8	63.5	-
Transformers, except electronic	3612	49.5	49.6	47.1	47.2	-	35.0	35.0	33.3	33.5	-
Switchgear and switchboard apparatus	3613	48.0	48.1	45.3	45.1	-	33.1	32.9	30.5	30.0	-
Electrical industrial apparatus	362	169.9	171.0	160.7	160.6	-	119.1	120.3	111.7	111.7	-
Motors and generators	3621	83.9	84.4	78.8	78.5	-	65.4	65.8	60.5	60.2	-
Relays and industrial controls	3625	65.9	66.4	62.6	62.8	-	40.0	40.5	38.2	38.4	-
Household appliances	363	126.8	128.6	117.6	121.6	-	102.3	103.6	93.1	96.7	-
Household refrigerators and freezers	3632	27.5	29.5	27.1	28.6	-	22.7	24.4	22.0	23.3	-
Household laundry equipment	3633	21.2	21.2	19.8	20.1	-	17.1	16.9	15.7	15.9	-
Electric housewares and fans	3634	32.1	32.8	30.7	32.0	-	24.7	25.3	23.3	24.6	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Durable goods—Continued											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment	364	191.3	190.5	178.7	176.4	-	138.0	137.2	128.1	126.1	-
Electric lamps	3641	24.7	24.5	23.1	22.8	-	20.9	20.7	19.5	19.2	-
Current-carrying wiring devices	3643	73.4	73.5	69.7	69.3	-	47.7	48.0	45.5	45.3	-
Noncurrent-carrying wiring devices	3644	18.0	17.4	15.6	15.4	-	13.4	12.9	11.2	10.9	-
Residential lighting fixtures	3645	23.5	23.1	21.7	20.7	-	17.2	17.0	16.0	15.2	-
Household audio and video equipment	365	82.7	83.0	76.2	76.9	-	57.8	58.3	50.6	51.2	-
Household audio and video equipment	3651	61.5	61.7	57.2	57.6	-	41.3	41.6	36.1	36.6	-
Communications equipment	366	264.8	265.3	249.6	249.0	-	134.0	134.2	125.6	125.7	-
Telephone and telegraph apparatus	3661	128.3	128.5	122.6	122.3	-	70.7	70.6	65.3	65.6	-
Electronic components and accessories	367	583.6	584.8	555.2	554.2	-	328.4	329.6	316.9	317.0	-
Electron tubes	3671	32.1	32.0	29.0	29.0	-	20.9	20.8	19.2	19.6	-
Semiconductors and related devices	3674	239.0	240.1	229.4	229.8	-	92.1	93.1	92.0	93.1	-
Electronic components, nec	3679	142.2	142.6	133.9	133.5	-	89.4	89.8	85.8	85.6	-
Misc. electrical equipment and supplies	369	166.0	166.2	160.7	161.2	-	114.5	114.6	108.7	109.4	-
Storage batteries	3691	29.9	30.1	29.3	29.3	-	23.1	23.2	22.0	22.1	-
Engine electrical equipment	3694	70.0	69.9	65.9	66.7	-	52.8	52.7	49.2	50.1	-
Transportation equipment	37	2,020.7	2,029.1	1,849.6	1,869.5	1,861.5	1,253.1	1,260.0	1,135.5	1,157.2	1,151.6
Motor vehicles and equipment	371	838.5	845.6	757.5	787.3	785.4	643.7	649.5	572.2	601.2	601.7
Motor vehicles and car bodies	3711	348.5	352.3	305.8	328.2	-	257.5	260.3	220.7	241.6	-
Truck and bus bodies	3713	40.8	41.3	38.4	37.7	-	32.0	32.5	29.4	28.9	-
Motor vehicle parts and accessories	3714	402.4	405.3	372.9	379.8	-	318.0	320.5	291.4	299.0	-
Truck trailers	3715	27.2	27.1	23.0	23.1	-	21.5	21.4	17.6	17.7	-
Aircraft and parts	372	711.4	712.5	657.8	650.6	-	343.2	344.1	320.0	315.0	-
Aircraft	3721	381.9	381.8	344.7	340.9	-	163.8	163.6	148.1	145.1	-
Aircraft engines and engine parts	3724	151.1	152.1	144.9	143.4	-	77.0	77.8	74.7	73.7	-
Aircraft parts and equipment, nec	3728	178.4	178.6	168.2	166.3	-	102.4	102.7	97.2	96.2	-
Ship and boat building and repairing	373	190.8	191.0	175.5	174.5	-	144.5	144.4	134.4	133.6	-
Ship building and repairing	3731	128.2	130.5	127.2	125.9	-	92.8	94.7	94.6	93.5	-
Boat building and repairing	3732	62.6	60.5	48.3	48.6	-	51.7	49.7	39.8	40.1	-
Railroad equipment	374	33.1	33.4	31.1	30.8	-	24.5	24.8	22.5	22.3	-
Guided missiles, space vehicles, and parts	376	187.3	187.1	173.5	171.9	-	57.1	57.1	51.0	49.3	-
Guided missiles and space vehicles	3761	134.2	134.2	125.2	124.3	-	36.6	36.6	34.5	33.6	-
Miscellaneous transportation equipment	379	46.3	46.3	41.6	41.8	-	30.3	30.4	26.6	27.0	-
Travel trailers and campers	3792	17.3	17.6	14.9	15.2	-	13.4	13.6	11.5	11.8	-
Instruments and related products	38	1,007.9	1,010.7	974.1	972.1	970.7	500.6	500.8	477.5	476.7	475.8
Search and navigation equipment	381	286.2	286.0	264.8	263.0	-	94.8	94.7	83.3	83.0	-
Measuring and controlling devices	382	325.0	325.4	310.0	308.1	-	182.0	181.5	169.5	168.5	-
Environmental controls	3822	49.3	49.5	45.1	44.8	-	33.4	33.6	30.1	29.8	-
Process control instruments	3823	67.7	68.3	65.1	65.0	-	35.2	35.4	33.0	33.0	-
Instruments to measure electricity	3825	92.3	91.8	87.2	86.7	-	46.6	46.1	44.4	44.1	-
Medical instruments and supplies	384	243.7	245.6	249.9	250.7	-	143.7	144.3	145.2	145.3	-
Surgical and medical instruments	3841	98.6	99.7	102.9	103.4	-	56.9	57.7	61.0	61.4	-
Surgical appliances and supplies	3842	93.0	93.5	95.6	95.8	-	58.5	58.6	61.0	61.0	-
Ophthalmic goods	385	42.3	42.3	39.9	39.9	-	29.0	29.1	27.8	28.3	-
Photographic equipment and supplies	386	100.1	100.8	99.7	100.7	-	43.0	43.2	44.1	44.0	-
Watches, clocks, watchcases, and parts	387	10.6	10.6	9.8	9.7	-	8.1	8.0	7.6	7.6	-
Miscellaneous manufacturing industries	39	377.3	378.2	362.3	362.2	364.2	273.4	274.1	260.0	259.4	261.7
Jewelry, silverware, and plated ware	391	52.1	51.6	50.8	50.7	-	36.6	36.2	35.9	36.0	-
Jewelry, precious metal	3911	38.0	37.8	37.1	37.0	-	26.5	26.2	26.1	26.2	-
Musical instruments	393	12.7	12.6	12.3	12.3	-	10.4	10.3	10.0	9.9	-
Toys and sporting goods	394	104.1	104.6	101.7	101.7	-	75.3	75.8	74.0	73.7	-
Dolls, games, toys, and children's vehicles	3942,4	42.2	42.9	42.6	42.4	-	29.3	29.8	30.1	29.8	-
Sporting and athletic goods, nec	3949	61.9	61.7	59.1	59.3	-	46.0	46.0	43.9	43.9	-
Pens, pencils, office, and art supplies	395	34.3	34.2	32.3	32.5	-	24.0	24.0	22.6	22.6	-
Costume jewelry and notions	396	34.1	33.4	30.4	30.4	-	26.3	25.3	21.9	21.6	-
Costume jewelry	3961	21.3	20.7	18.9	18.8	-	16.3	15.4	13.2	12.8	-
Miscellaneous manufactures	399	140.0	141.8	134.8	134.6	-	100.8	102.5	95.6	95.6	-
Signs and advertising specialties	3993	56.9	56.8	52.9	52.2	-	39.6	39.9	36.1	35.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Nondurable goods		7,963	8,045	7,771	7,799	7,877	5,575	5,640	5,396	5,420	5,491
Food and kindred products	20	1,625.4	1,663.2	1,617.4	1,633.2	1,675.7	1,158.8	1,190.6	1,156.1	1,169.6	1,206.5
Meat products	201	420.9	425.9	430.8	432.3	-	357.5	361.7	368.0	368.8	-
Meat packing plants	2011	137.0	137.1	141.6	140.6	-	115.2	115.2	120.7	119.5	-
Sausages and other prepared meats	2013	86.8	88.6	87.2	87.6	-	64.5	65.9	65.7	66.1	-
Poultry slaughtering and processing	2015	197.1	200.2	202.0	204.1	-	177.8	180.6	181.6	183.2	-
Dairy products	202	155.6	158.5	152.6	153.8	-	95.7	97.8	93.8	95.4	-
Cheese, natural and processed	2022	41.0	42.3	40.0	40.2	-	31.6	32.8	30.9	31.1	-
Fluid milk	2026	73.9	74.4	72.8	72.7	-	36.8	37.2	36.2	36.8	-
Preserved fruits and vegetables	203	221.6	238.7	214.7	219.7	-	180.5	196.5	175.3	180.0	-
Canned specialties	2032	21.8	21.3	20.4	20.1	-	16.6	16.3	16.4	16.2	-
Canned fruits and vegetables	2033	71.8	78.3	68.9	70.1	-	59.1	64.7	56.6	57.3	-
Frozen fruits and vegetables	2037	47.4	53.2	43.6	45.2	-	41.1	46.6	37.4	38.9	-
Grain mill products	204	125.5	126.8	126.0	126.5	-	87.1	87.4	87.8	88.2	-
Flour and other grain mill products	2041	21.1	21.5	21.6	21.5	-	13.8	13.4	14.1	14.0	-
Prepared feeds, nec	2048	44.3	44.6	44.0	44.0	-	27.8	28.1	27.8	27.9	-
Bakery products	205	210.9	212.2	207.2	208.5	-	131.7	133.5	129.6	130.7	-
Bread, cake, and related products	2051	154.3	154.9	149.5	150.6	-	88.0	89.2	85.4	86.3	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	56.6	57.3	57.7	57.9	-	43.7	44.3	44.2	44.4	-
Sugar and confectionery products	206	92.6	93.1	96.4	96.9	-	71.3	71.4	73.4	73.7	-
Raw cane sugar	2061	6.5	6.2	6.5	6.9	-	4.7	4.4	4.6	5.1	-
Cane sugar refining	2062	5.3	5.4	5.4	5.4	-	4.0	4.1	3.9	3.9	-
Beet sugar	2063	7.3	7.2	7.6	7.8	-	5.8	5.7	6.0	6.2	-
Candy and other confectionery products	2064	45.2	45.5	49.6	49.2	-	36.4	36.4	39.3	38.9	-
Fats and oils	207	31.1	30.8	30.8	30.8	-	22.4	22.1	21.6	21.5	-
Beverages	208	185.6	188.9	181.3	184.3	-	77.4	79.8	75.6	78.0	-
Malt beverages	2082	39.1	39.7	38.3	39.0	-	23.5	23.8	22.7	23.5	-
Bottled and canned soft drinks	2086	104.0	105.6	100.8	102.7	-	34.1	35.2	33.0	34.4	-
Misc. food and kindred products	209	181.6	188.3	177.6	180.4	-	135.2	140.4	131.0	133.3	-
Tobacco products	21	45.3	45.7	44.8	44.3	45.1	32.6	33.0	32.5	31.6	32.3
Cigarettes	211	34.7	35.4	34.8	34.3	-	25.8	26.5	26.0	25.2	-
Textile mill products	22	693.1	696.7	659.1	663.1	668.2	594.8	597.8	564.2	568.5	573.5
Broadwoven fabric mills, cotton	221	91.4	91.4	88.1	87.9	-	82.3	81.7	78.7	78.6	-
Broadwoven fabric mills, synthetics	222	76.3	77.0	72.6	73.3	-	67.1	67.6	63.8	64.4	-
Broadwoven fabric mills, wool	223	17.5	17.7	17.1	17.2	-	14.0	14.3	14.0	14.1	-
Narrow fabric mills	224	24.1	24.1	24.0	24.0	-	20.2	20.3	20.3	20.3	-
Knitting mills	225	208.0	209.7	196.0	198.3	-	181.1	182.8	170.6	172.8	-
Women's hosiery, except socks	2251	32.4	32.6	31.6	31.4	-	28.9	29.1	28.3	28.0	-
Hosiery, nec	2252	39.1	39.7	37.4	38.2	-	34.9	35.6	33.2	34.0	-
Knit outerwear mills	2253	59.1	60.0	52.9	53.6	-	51.9	52.6	46.4	47.2	-
Knit underwear mills	2254	29.8	29.8	28.5	28.8	-	25.4	25.4	24.5	24.8	-
Weft knit fabric mills	2257	26.8	26.9	25.6	25.9	-	23.1	23.2	21.9	22.2	-
Textile finishing, except wool	226	61.6	61.6	60.3	60.8	-	49.8	50.0	48.9	49.6	-
Finishing plants, cotton	2261	24.8	24.9	24.6	24.8	-	19.8	20.0	19.8	20.0	-
Finishing plants, synthetics	2262	24.0	23.8	23.6	23.7	-	19.2	19.2	19.0	19.2	-
Carpets and rugs	227	61.7	61.7	58.6	58.4	-	50.5	50.3	48.0	47.5	-
Yarn and thread mills	228	101.5	101.8	92.2	93.2	-	90.7	91.1	81.7	82.8	-
Yarn spinning mills	2281	79.9	80.2	72.1	73.0	-	71.7	72.1	64.2	65.2	-
Throwing and winding mills	2282	14.4	14.3	13.5	13.6	-	12.6	12.5	11.7	11.8	-
Miscellaneous textile goods	229	51.0	51.7	50.2	50.0	-	39.1	39.7	38.2	38.4	-
Apparel and other textile products	23	1,050.5	1,053.9	1,006.6	1,014.9	1,021.9	880.9	885.2	841.5	848.6	855.4
Men's and boys' suits and coats	231	50.2	50.6	47.5	48.1	-	42.1	42.5	39.8	40.4	-
Men's and boys' furnishings	232	279.5	281.1	267.0	269.9	-	240.0	242.1	228.6	231.5	-
Men's and boys' shirts	2321	67.4	67.8	62.5	63.5	-	57.3	57.7	53.5	54.3	-
Men's and boys' trousers and slacks	2325	81.8	83.2	82.9	83.7	-	70.8	72.4	71.8	72.7	-
Men's and boys' work clothing	2326	44.2	44.1	42.0	42.5	-	38.2	38.1	36.2	36.8	-
Women's and misses' outerwear	233	329.4	330.2	324.2	324.4	-	275.3	276.0	270.9	271.0	-
Women's and misses' blouses and shirts	2331	39.2	39.7	37.6	37.3	-	32.2	32.4	30.8	30.4	-
Women's, juniors', and misses' dresses	2335	69.9	69.7	66.2	63.9	-	57.7	57.4	54.3	52.0	-
Women's and misses' suits and coats	2337	35.2	36.5	35.5	38.8	-	29.2	30.4	29.9	33.4	-
Women's and misses' outerwear, nec	2339	185.1	184.3	184.9	184.4	-	156.2	155.8	155.9	155.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1990	June 1990	Apr. 1991	May 1991 ^o	June 1991 ^o	May 1990	June 1990	Apr. 1991	May 1991 ^o	June 1991 ^o
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	62.6	62.3	60.3	60.4	-	51.7	51.4	49.0	49.1	-
Women's and children's underwear	2341	50.3	50.2	49.0	49.0	-	43.4	43.2	41.5	41.5	-
Brassieres, girdles, and allied garments	2342	12.3	12.1	11.3	11.4	-	8.3	8.2	7.5	7.6	-
Girls' and children's outerwear	236	57.4	58.1	53.0	54.5	-	48.4	48.9	45.0	46.3	-
Girls' and children's dresses and blouses	2361	23.4	23.7	21.5	22.2	-	20.3	20.6	19.1	19.7	-
Misc. apparel and accessories	238	45.2	45.1	42.6	43.0	-	36.9	37.2	35.1	35.0	-
Misc. fabricated textile products	239	208.0	208.3	195.2	197.3	-	171.6	172.0	159.1	161.2	-
Curtains and draperies	2391	24.0	23.9	21.4	21.6	-	19.9	19.8	17.4	17.7	-
House furnishings, nec	2392	55.2	54.7	53.5	53.5	-	46.0	45.7	44.2	44.3	-
Automotive and apparel trimmings	2396	50.3	50.7	45.3	47.1	-	41.5	41.8	36.5	38.4	-
Paper and allied products	26	696.6	706.8	687.1	686.8	694.3	521.4	530.9	515.3	515.9	522.2
Paper mills	262	178.0	182.1	176.3	175.9	-	134.6	138.2	133.6	133.4	-
Paperboard mills	263	51.8	53.2	50.3	50.5	-	39.5	40.7	39.0	39.1	-
Paperboard containers and boxes	265	209.4	211.6	206.0	206.2	-	161.3	163.5	159.1	159.3	-
Corrugated and solid fiber boxes	2653	117.9	118.8	116.7	117.0	-	88.4	89.3	87.4	87.7	-
Sanitary food containers	2656	16.2	16.7	16.3	16.3	-	13.7	14.1	13.8	13.8	-
Folding paperboard boxes	2657	50.0	50.7	49.7	49.4	-	40.0	40.7	40.2	39.9	-
Misc. converted paper products	267	243.5	245.7	240.7	240.4	-	175.2	177.5	173.0	173.3	-
Paper, coated and laminated, nec	2672	45.4	46.2	45.4	45.3	-	21.9	22.8	21.9	21.9	-
Bags: plastics, laminated, and coated	2673	34.4	35.1	35.4	35.4	-	25.5	26.2	26.3	26.4	-
Envelopes	2677	27.0	26.9	26.1	25.9	-	20.9	20.8	20.2	20.0	-
Printing and publishing	27	1,575.1	1,579.7	1,544.0	1,539.4	1,532.3	876.2	877.0	851.3	845.8	840.2
Newspapers	271	475.6	479.0	462.9	463.7	-	166.1	166.5	160.7	161.0	-
Periodicals	272	129.1	129.4	127.1	127.0	-	47.4	47.4	45.8	45.3	-
Books	273	123.1	121.6	122.3	120.8	-	67.5	66.0	66.7	65.3	-
Book publishing	2731	86.7	85.7	85.9	85.1	-	37.8	36.9	37.2	36.7	-
Book printing	2732	36.4	35.9	36.4	35.7	-	29.7	29.1	29.5	28.6	-
Miscellaneous publishing	274	81.9	82.1	83.0	82.5	-	41.6	41.8	41.1	40.4	-
Commercial printing	275	554.7	554.9	542.8	540.7	-	403.9	403.7	392.4	390.1	-
Commercial printing, lithographic	2752	367.2	368.4	360.2	358.8	-	267.5	267.9	259.6	258.2	-
Commercial printing, nec	2759	169.8	166.9	166.0	165.1	-	122.3	121.7	119.6	118.5	-
Manifold business forms	276	50.1	50.4	48.7	48.5	-	34.8	35.0	34.0	33.7	-
Blankbooks and bookbinding	278	72.3	73.4	68.6	68.1	-	55.9	57.0	51.7	51.4	-
Printing trade services	279	63.9	63.6	62.5	61.8	-	46.7	46.5	45.3	44.9	-
Chemicals and allied products	28	1,091.8	1,102.2	1,086.2	1,085.2	1,094.8	603.9	608.9	588.5	585.3	593.4
Industrial inorganic chemicals	281	142.0	143.6	139.6	139.2	-	71.7	72.1	69.6	69.4	-
Industrial inorganic chemicals, nec	2819	95.7	96.7	93.5	93.1	-	50.3	50.8	47.6	47.5	-
Plastics materials and synthetics	282	181.2	182.5	178.4	178.4	-	118.1	118.5	111.7	110.5	-
Plastics materials and resins	2821	86.6	87.6	86.1	86.0	-	51.4	51.9	50.9	50.7	-
Organic fibers, noncellulosic	2824	64.8	64.9	62.1	61.9	-	45.8	45.5	41.0	40.0	-
Drugs	283	236.1	237.9	244.3	244.7	-	104.2	105.0	107.7	107.5	-
Pharmaceutical preparations	2834	196.3	197.7	201.4	201.6	-	87.6	88.5	90.9	90.8	-
Soap, cleaners, and toilet goods	284	159.8	162.1	155.2	154.6	-	98.7	100.3	95.1	94.3	-
Soap and other detergents	2841	42.1	42.9	43.9	44.0	-	26.9	27.7	28.3	28.2	-
Polishing, sanitation, and finishing preparations	2842,3	45.6	45.9	45.7	45.8	-	24.9	25.0	24.7	24.8	-
Toilet preparations	2844	72.1	73.3	65.6	64.8	-	46.9	47.6	42.1	41.3	-
Paints and allied products	285	61.9	62.9	59.4	59.3	-	31.3	32.0	30.0	30.1	-
Industrial organic chemicals	286	154.3	155.9	153.6	153.4	-	85.7	86.8	81.5	80.9	-
Cyclic crudes and intermediates	2865	27.5	27.8	28.5	28.2	-	16.5	16.7	16.5	16.2	-
Industrial organic chemicals, nec	2869	122.5	123.9	120.9	121.1	-	66.2	67.2	62.1	61.9	-
Agricultural chemicals	287	57.0	56.8	57.6	57.6	-	35.3	34.9	35.1	35.0	-
Miscellaneous chemical products	289	99.5	100.5	98.1	98.0	-	58.9	59.3	57.8	57.6	-
Petroleum and coal products	29	157.5	160.5	157.2	159.1	161.5	103.7	106.0	101.5	103.7	106.2
Petroleum refining	291	116.7	118.6	119.3	119.5	-	74.8	76.2	75.5	76.0	-
Asphalt paving and roofing materials	295	28.0	29.1	25.3	27.0	-	21.6	22.6	18.9	20.6	-
Rubber and misc. plastics products	30	892.1	900.5	849.0	853.3	861.9	691.2	698.2	648.9	653.5	662.5
Tires and inner tubes	301	84.1	84.3	83.3	85.4	-	61.9	61.7	60.3	62.2	-
Rubber and plastics footwear	302	11.2	11.2	11.2	11.4	-	9.1	9.1	9.0	9.1	-
Hose, belting, gaskets, and packing	305	60.3	61.8	57.4	57.1	-	43.4	44.6	41.4	41.4	-
Rubber and plastics hose and belting	3052	24.2	25.2	22.9	22.8	-	17.9	18.9	17.2	17.2	-
Fabricated rubber products, nec	306	105.2	105.7	96.1	95.1	-	79.1	79.5	71.4	71.0	-
Miscellaneous plastics products, nec	308	631.3	637.5	601.0	604.3	-	497.7	503.3	466.8	469.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p	May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p
Nondurable goods—Continued											
Leather and leather products	31	135.3	135.9	119.2	119.5	121.2	111.6	112.4	96.6	97.3	98.6
Leather tanning and finishing	311	15.3	15.0	13.7	13.8	-	12.7	12.5	11.3	11.4	-
Footwear, except rubber	314	75.4	75.9	66.8	66.5	-	64.2	64.6	56.2	56.3	-
Men's footwear, except athletic	3143	33.3	33.5	29.2	28.6	-	27.1	27.2	23.5	23.3	-
Women's footwear, except athletic	3144	27.4	27.8	24.6	24.9	-	24.2	24.6	21.2	21.5	-
Luggage	316	10.7	10.8	9.1	9.2	-	7.6	7.8	5.8	5.9	-
Handbags and personal leather goods	317	14.9	15.2	12.8	13.0	-	11.5	12.1	9.6	9.8	-
Transportation and public utilities		5,821	5,869	5,780	5,816	5,853	4,830	4,877	4,791	4,830	4,870
Transportation		3,549	3,582	3,519	3,554	3,577	-	-	-	-	-
Railroad transportation	40	284.5	285.5	269.1	272.0	-	-	-	-	-	-
Class I railroads ²	4011	244.8	245.8	230.5	233.0	-	-	-	-	-	-
Local and interurban passenger transit	41	353.6	334.4	371.4	377.4	-	322.8	304.5	342.3	348.1	-
Local and suburban transportation	411	137.5	138.8	142.9	144.3	-	123.8	125.2	129.9	131.2	-
Taxicabs	412	32.6	32.3	31.8	31.9	-	-	-	-	-	-
Intercity and rural bus transportation	413	24.9	24.5	23.4	23.7	-	20.8	20.8	20.8	21.1	-
School buses	415	128.8	108.8	142.3	145.1	-	-	-	-	-	-
Trucking and warehousing	42	1,625.4	1,654.0	1,595.8	1,611.6	-	1,416.9	1,443.3	1,382.4	1,397.6	-
Trucking and courier services, except air	421	1,508.3	1,534.9	1,478.8	1,495.5	-	1,319.9	1,344.7	1,285.9	1,301.9	-
Public warehousing and storage	422	113.0	115.1	113.0	112.2	-	93.5	95.2	93.0	92.2	-
Water transportation	44	174.9	181.6	168.2	175.7	-	-	-	-	-	-
Water transportation of freight, nec	444	15.6	15.6	15.0	15.0	-	-	-	-	-	-
Water transportation services	449	110.2	112.8	104.0	109.8	-	97.4	99.5	91.4	96.9	-
Transportation by air	45	744.0	755.1	745.1	748.7	-	-	-	-	-	-
Air transportation, scheduled	451	617.3	626.2	617.7	620.2	-	-	-	-	-	-
Airports, flying fields, and services	458	99.5	100.4	100.0	100.4	-	-	-	-	-	-
Pipelines, except natural gas	46	18.2	19.0	18.3	18.6	-	13.3	14.0	13.5	13.7	-
Transportation services	47	348.2	352.0	350.9	350.4	-	-	-	-	-	-
Passenger transportation arrangement	472	191.5	194.3	189.4	191.2	-	153.1	155.9	147.2	149.9	-
Travel agencies	4724	152.1	153.0	151.1	151.4	-	120.4	121.7	116.9	118.1	-
Freight transportation arrangement	473	129.5	130.2	134.1	131.8	-	104.7	105.8	106.3	104.2	-
Communications and public utilities		2,272	2,287	2,261	2,262	2,276	-	-	-	-	-
Communications	48	1,313.3	1,315.7	1,297.7	1,294.6	-	980.4	984.1	973.3	974.9	-
Telephone communications	481	912.6	914.2	897.6	894.4	-	656.9	659.4	649.3	649.3	-
Radio and television broadcasting	483	235.6	235.5	232.8	232.8	-	194.6	195.0	192.0	193.0	-
Radio broadcasting stations	4832	119.9	120.0	117.8	118.4	-	-	-	-	-	-
Television broadcasting stations	4833	115.7	115.5	115.0	114.4	-	-	-	-	-	-
Cable and other pay television services	484	128.0	128.7	131.6	131.8	-	105.9	107.0	110.4	110.9	-
Electric, gas, and sanitary services	49	958.9	971.7	963.3	967.4	-	759.7	772.6	761.7	764.2	-
Electric services	491	456.8	461.6	453.2	453.7	-	352.9	357.7	350.9	351.2	-
Gas production and distribution	492	163.8	166.5	163.7	164.3	-	128.2	131.2	127.7	128.2	-
Combination utility services	493	192.2	194.5	191.8	192.3	-	155.1	157.3	152.6	152.2	-
Sanitary services	495	115.9	118.3	123.9	126.1	-	99.9	102.1	106.5	108.1	-
Wholesale trade		6,211	6,262	6,066	6,084	6,111	4,988	5,041	4,859	4,876	4,905
Durable goods	50	3,636	3,660	3,528	3,530	3,538	2,895	2,919	2,796	2,797	-
Motor vehicles, parts, and supplies	501	460.4	464.3	451.1	452.1	-	371.5	375.1	362.6	362.7	-
Automobiles and other motor vehicles	5012	119.9	120.3	119.4	119.6	-	-	-	-	-	-
Motor vehicle supplies and new parts	5013	269.9	272.4	263.7	263.9	-	-	-	-	-	-
Furniture and home furnishings	502	151.5	152.4	142.7	142.5	-	121.7	122.3	113.7	113.4	-
Furniture	5021	70.6	70.7	65.9	66.2	-	-	-	-	-	-
Home furnishings	5023	80.9	81.7	76.8	76.3	-	-	-	-	-	-
Lumber and other construction materials	503	233.8	237.2	221.1	223.4	-	190.7	193.5	178.6	180.8	-
Lumber, plywood, and millwork	5031	121.6	122.7	114.5	115.7	-	-	-	-	-	-
Construction materials, nec	5039	43.1	43.6	41.7	42.2	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p	May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p
Wholesale trade—Continued											
Durable goods—Continued											
Professional and commercial equipment	504	773.8	775.8	757.7	756.7	-	623.1	625.7	612.4	610.2	-
Computers, peripherals and software	5045	303.3	302.6	287.3	286.2	-	-	-	-	-	-
Metals and minerals, except petroleum	505	141.9	142.1	135.0	135.1	-	112.8	113.1	106.1	106.6	-
Electrical goods	506	497.0	498.2	492.0	492.0	-	377.0	378.5	369.0	370.0	-
Electrical apparatus and equipment	5063	204.5	205.7	202.5	201.5	-	-	-	-	-	-
Electrical appliances, television and radio sets	5064	62.1	62.4	60.1	60.6	-	-	-	-	-	-
Electronic parts and equipment	5065	230.4	230.1	229.4	229.9	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	281.6	283.3	267.0	265.9	-	227.0	228.9	213.1	212.2	-
Hardware	5072	96.9	98.0	90.9	90.5	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	117.9	118.1	111.7	111.1	-	-	-	-	-	-
Machinery, equipment, and supplies	508	802.9	811.3	781.2	781.8	-	638.6	646.1	618.9	618.7	-
Construction and mining machinery	5082	85.7	86.5	79.7	79.7	-	-	-	-	-	-
Farm and garden machinery	5083	120.5	121.8	117.4	118.1	-	-	-	-	-	-
Industrial machinery and equipment	5084	328.8	332.1	320.2	319.9	-	-	-	-	-	-
Industrial supplies	5085	144.7	146.3	144.0	144.2	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	292.8	295.4	279.9	280.1	-	232.8	235.7	221.8	222.0	-
Scrap and waste materials	5093	108.3	110.1	105.4	105.4	-	-	-	-	-	-
Nondurable goods	51	2,575	2,602	2,538	2,554	2,573	2,093	2,122	2,063	2,079	-
Paper and paper products	511	240.9	242.9	237.4	237.3	-	193.7	196.0	192.1	191.7	-
Drugs, proprietaries, and sundries	512	187.6	187.8	187.2	187.9	-	157.2	157.4	157.2	158.1	-
Apparel, piece goods, and notions	513	202.7	207.5	198.9	199.0	-	157.8	163.0	157.0	157.3	-
Groceries and related products	514	850.2	862.5	827.2	834.2	-	712.2	726.6	688.8	696.8	-
Groceries, general line	5141	270.7	273.2	271.5	271.2	-	-	-	-	-	-
Meats and meat products	5147	60.9	61.6	60.1	60.9	-	-	-	-	-	-
Fresh fruits and vegetables	5148	105.5	110.5	92.0	96.3	-	-	-	-	-	-
Chemicals and allied products	516	136.7	138.4	136.5	136.8	-	98.3	99.8	99.0	99.5	-
Petroleum and petroleum products	517	197.6	198.9	194.3	194.7	-	156.7	157.6	153.4	154.6	-
Petroleum bulk stations and terminals	5171	82.6	83.6	82.2	82.7	-	-	-	-	-	-
Petroleum products, nec	5172	115.0	115.3	112.1	112.0	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	149.9	152.7	150.6	153.1	-	123.0	125.6	123.2	124.8	-
Beer and ale	5181	95.2	97.6	95.4	97.2	-	-	-	-	-	-
Wine and distilled beverages	5182	54.7	55.1	55.2	55.9	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	489.7	490.5	489.7	494.6	-	397.0	397.6	397.3	401.1	-
Farm supplies	5191	163.0	161.2	165.6	167.5	-	-	-	-	-	-
Retail trade	52	19,687	19,878	19,092	19,314	19,476	17,430	17,619	16,833	17,057	17,207
Building materials and garden supplies	52	803.9	809.8	751.7	770.8	-	668.8	674.9	620.4	639.5	-
Lumber and other building materials	521	443.9	451.1	406.1	415.9	-	374.2	381.3	339.2	349.6	-
Hardware stores	525	163.5	165.1	160.1	164.1	-	134.9	136.7	131.5	135.3	-
General merchandise stores	53	2,453.8	2,474.1	2,283.8	2,286.8	2,286.1	2,295.0	2,316.5	2,142.2	2,147.9	-
Department stores	531	2,073.1	2,091.7	1,925.2	1,925.9	-	1,954.6	1,974.0	1,822.1	1,825.7	-
Variety stores	533	167.0	166.5	157.7	158.6	-	151.7	151.5	142.4	143.1	-
Miscellaneous general merchandise stores	539	213.7	215.9	200.9	202.3	-	188.7	191.0	177.7	179.1	-
Food stores	54	3,207.2	3,243.3	3,190.8	3,205.0	3,242.0	2,945.1	2,981.0	2,927.5	2,939.6	-
Grocery stores	541	2,872.2	2,901.2	2,854.6	2,862.1	-	2,650.8	2,680.5	2,635.7	2,641.1	-
Meat and fish markets	542	49.5	50.2	49.3	49.7	-	-	-	-	-	-
Dairy products stores	545	23.8	24.7	23.7	25.3	-	-	-	-	-	-
Retail bakeries	546	163.1	166.3	165.2	165.4	-	145.2	147.8	146.7	147.2	-
Automotive dealers and service stations	55	2,089.1	2,104.0	2,020.6	2,033.9	2,052.4	1,742.8	1,756.3	1,676.3	1,690.4	-
New and used car dealers	551	931.0	934.5	892.5	893.8	-	771.7	775.0	738.3	739.5	-
Auto and home supply stores	553	340.5	345.0	337.2	341.7	-	272.8	276.7	268.2	272.7	-
Gasoline service stations	554	653.2	657.3	633.0	635.8	-	566.0	569.8	544.5	547.9	-
Automotive dealers, nec	559	9.7	10.0	10.3	10.4	-	8.1	8.3	8.4	8.3	-
Apparel and accessory stores	56	1,166.8	1,168.4	1,093.9	1,096.5	-	974.8	976.6	898.6	902.1	-
Men's and boys' clothing stores	561	98.6	97.3	88.4	87.7	-	78.7	77.3	70.5	70.0	-
Women's clothing stores	562	406.9	403.7	378.4	380.9	-	337.8	335.5	310.9	314.0	-
Family clothing stores	565	282.5	290.8	273.1	273.8	-	243.0	250.9	233.7	233.8	-
Shoe stores	566	219.7	218.1	204.7	204.4	-	181.4	179.3	159.3	159.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p	May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p
Retail trade—Continued											
Furniture and home furnishings stores	57	822.7	823.0	794.2	797.6	-	670.0	673.2	644.7	647.7	-
Furniture and home furnishings stores	571	462.9	463.6	448.9	451.2	-	375.7	377.8	361.7	364.0	-
Furniture stores	5712	282.3	283.0	275.7	275.3	-	-	-	-	-	-
Household appliance stores	572	81.2	81.0	72.2	72.3	-	66.7	66.3	58.8	58.7	-
Radio, television, and computer stores	573	278.6	278.4	273.1	274.1	-	227.6	229.1	224.2	225.0	-
Radio, television, and electronic stores	5731	113.7	114.5	115.1	116.1	-	94.9	95.4	96.6	97.4	-
Record and prerecorded tape stores	5735	64.2	63.5	59.3	58.9	-	53.0	53.8	49.1	48.7	-
Eating and drinking places	58	6,648.5	6,768.2	6,527.5	6,668.1	6,779.0	6,038.7	6,154.1	5,903.0	6,042.9	-
Miscellaneous retail establishments	59	2,495.0	2,486.7	2,429.8	2,455.7	-	2,094.9	2,086.2	2,020.7	2,046.7	-
Drug stores and proprietary stores	591	623.2	623.8	626.7	628.2	-	525.1	525.9	525.6	526.7	-
Liquor stores	592	119.0	119.8	118.7	120.3	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	847.8	857.0	828.2	832.4	-	704.9	715.1	682.4	687.9	-
Sporting goods and bicycle shops	5941	154.5	155.6	150.1	150.7	-	-	-	-	-	-
Book stores	5942	91.5	88.0	90.4	89.4	-	-	-	-	-	-
Stationery stores	5943	78.2	77.9	75.6	75.3	-	-	-	-	-	-
Jewelry stores	5944	145.4	147.4	141.6	141.9	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	185.8	193.9	176.5	183.2	-	-	-	-	-	-
Sewing, needlework, and piece goods	5949	64.1	63.9	66.7	66.3	-	-	-	-	-	-
Nonstore retailers	596	289.3	288.2	255.4	248.7	-	256.0	253.7	223.4	217.0	-
Catalog and mail-order houses	5961	153.2	153.0	130.5	124.8	-	-	-	-	-	-
Merchandising machine operators	5962	83.1	82.1	76.9	76.7	-	-	-	-	-	-
Fuel dealers	598	106.5	106.0	105.8	103.9	-	88.3	87.9	87.6	85.7	-
Retail stores, nec	599	440.7	423.2	426.6	453.6	-	366.5	348.5	348.1	374.2	-
Finance, insurance, and real estate²		6,737	6,817	6,689	6,707	6,770	4,892	4,939	4,827	4,846	4,908
Finance		3,291	3,325	3,279	3,280	3,306	-	-	-	-	-
Depository institutions	60	2,270.9	2,296.5	2,255.9	2,254.9	-	1,647.7	1,670.1	1,632.0	1,632.6	-
Commercial banks	602	1,569.0	1,586.7	1,560.5	1,561.4	-	1,116.7	1,132.3	1,110.4	1,111.5	-
State commercial banks	6022	670.0	676.5	664.0	665.4	-	-	-	-	-	-
Savings institutions	603	452.5	456.8	436.8	435.3	-	-	-	-	-	-
Federal savings institutions	6035	237.3	241.2	228.5	227.5	-	-	-	-	-	-
Savings institutions, except federal	6036	215.2	215.6	208.3	207.8	-	-	-	-	-	-
Credit unions	606	133.9	135.2	137.4	138.0	-	107.2	108.4	109.7	110.0	-
Nondepository institutions	61	372.4	374.9	371.7	373.2	-	269.6	271.9	271.2	272.4	-
Personal credit institutions	614	125.6	126.9	126.7	126.6	-	93.4	94.6	95.6	95.3	-
Business credit institutions	615	79.4	80.0	80.9	80.4	-	-	-	-	-	-
Mortgage bankers and brokers	616	156.3	157.0	153.6	155.7	-	-	-	-	-	-
Security and commodity brokers	62	427.2	430.3	421.5	422.3	-	-	-	-	-	-
Security brokers and dealers	621	325.0	327.0	319.5	320.6	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges	622,3	25.2	25.1	22.7	22.4	-	-	-	-	-	-
Security and commodity services	628	77.0	78.2	79.3	79.3	-	47.8	49.0	49.5	49.8	-
Holding and other investment offices	67	220.9	223.0	229.7	229.3	-	-	-	-	-	-
Insurance	63,64	2,114	2,127	2,132	2,132	2,139	-	-	-	-	-
Insurance carriers	63	1,448.9	1,457.0	1,465.7	1,465.1	-	972.7	979.7	986.8	986.0	-
Life insurance	631	535.6	539.1	538.6	537.6	-	327.2	330.0	326.1	324.8	-
Medical service and health insurance	632	240.4	241.2	253.5	253.9	-	195.2	195.9	207.1	207.5	-
Fire, marine, and casualty insurance	633	555.9	559.6	563.1	562.8	-	359.6	362.9	367.5	367.3	-
Title insurance	636	64.0	63.7	55.3	55.5	-	-	-	-	-	-
Insurance agents, brokers, and service	64	664.8	670.0	666.0	666.6	-	-	-	-	-	-
Real estate	65	1,332	1,365	1,278	1,295	1,325	-	-	-	-	-
Real estate operators and lessors	651	563.6	581.0	553.2	556.5	-	-	-	-	-	-
Real estate agents and managers	653	579.7	591.1	552.3	557.5	-	-	-	-	-	-
Subdividers and developers	655	157.5	161.7	143.0	151.5	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Services		28,242	28,511	28,633	28,723	28,964	24,665	24,905	24,954	25,024	25,223
Hotels and other lodging places	70	1,649.4	1,740.2	1,574.9	1,615.1	-	-	-	-	-	-
Hotels and motels	701	1,601.0	1,665.8	1,530.6	1,565.4	-	1,418.0	1,479.5	1,348.9	1,382.7	-
Personal services	72	1,094.9	1,091.1	1,167.8	1,096.5	-	-	-	-	-	-
Laundry, cleaning, and garment services	721	434.3	437.3	428.7	431.9	-	386.7	389.3	378.6	381.9	-
Photographic studios, portrait	722	63.2	63.5	63.0	64.7	-	-	-	-	-	-
Beauty shops	723	373.1	371.7	380.0	382.0	-	333.3	332.4	341.7	342.8	-
Funeral service and crematories	726	83.3	83.6	84.5	84.9	-	-	-	-	-	-
Miscellaneous personal services	729	116.4	110.6	187.5	109.0	-	101.8	96.3	168.5	94.2	-
Business services	73	5,225.9	5,290.2	5,204.9	5,262.0	5,321.5	4,600.0	4,660.1	4,549.9	4,600.4	-
Advertising	731	237.7	238.7	232.3	232.9	-	170.9	171.6	164.0	164.3	-
Advertising agencies	7311	168.8	170.1	163.7	163.7	-	-	-	-	-	-
Credit reporting and collection	732	107.1	108.0	112.2	112.0	-	-	-	-	-	-
Mailing, reproduction, and stenographic services	733	239.9	242.0	251.9	255.0	-	-	-	-	-	-
Services to buildings	734	818.3	821.6	786.5	788.3	-	742.3	745.7	709.0	710.7	-
Personnel supply services	736	1,561.8	1,588.0	1,459.6	1,495.3	-	-	-	-	-	-
Employment agencies	7361	261.5	263.6	249.1	252.1	-	-	-	-	-	-
Help supply services	7363	1,300.3	1,324.4	1,210.5	1,243.2	-	1,259.8	1,283.2	1,164.8	1,197.7	-
Computer and data processing services	737	776.0	783.4	822.3	825.4	-	604.0	612.0	643.0	644.8	-
Computer programming services	7371	152.1	153.3	162.5	163.4	-	120.8	121.7	129.0	129.4	-
Prepackaged software	7372	111.8	113.9	120.9	123.4	-	-	-	-	-	-
Data processing and preparation	7374	197.8	199.0	208.3	206.6	-	-	-	-	-	-
Miscellaneous business services	738	1,270.5	1,290.4	1,333.1	1,343.0	-	1,124.6	1,142.0	1,176.3	1,183.6	-
Detective and armored car services	7381	453.8	459.0	481.4	483.8	-	425.9	430.9	451.0	453.2	-
Photofinishing laboratories	7384	79.9	80.7	75.1	76.6	-	-	-	-	-	-
Auto repair, services, and parking	75	930.1	937.5	911.6	913.6	-	769.4	776.7	750.2	751.1	-
Automotive rentals, without drivers	751	179.1	182.4	178.3	179.2	-	-	-	-	-	-
Automotive repair shops	753	533.6	537.9	523.3	524.0	-	437.4	440.9	426.0	426.3	-
Miscellaneous repair services	76	392.9	392.3	379.4	380.3	-	321.6	321.7	308.7	309.4	-
Electrical repair shops	762	114.6	116.5	119.3	120.5	-	-	-	-	-	-
Motion pictures	78	409.2	415.8	398.7	396.4	-	345.8	352.8	329.1	326.9	-
Motion picture production and services	781	145.9	143.7	149.6	149.4	-	118.3	116.4	117.9	117.7	-
Motion picture theaters	783	113.0	122.2	110.2	110.3	-	-	-	-	-	-
Amusement and recreation services	79	1,119.7	1,208.2	1,083.9	1,158.8	-	986.1	1,067.5	946.6	1,009.3	-
Misc. amusement and recreation services	799	754.6	847.4	703.6	763.8	-	666.4	754.7	612.5	667.2	-
Physical fitness facilities	7991	127.2	127.5	129.5	126.0	-	114.3	114.4	115.2	111.5	-
Membership sports and recreation clubs	7997	280.0	323.2	259.3	287.3	-	248.1	288.9	226.0	252.6	-
Health services	80	7,782.3	7,865.6	8,130.6	8,156.0	8,244.6	6,919.1	6,996.8	7,229.2	7,249.5	-
Offices and clinics of medical doctors	801	1,341.7	1,355.5	1,413.6	1,420.5	-	1,108.3	1,121.5	1,165.9	1,170.9	-
Offices and clinics of dentists	802	513.1	517.5	520.4	524.1	-	450.7	454.0	457.0	460.1	-
Offices and clinics of other health practitioners	804	276.1	281.4	294.9	296.7	-	229.6	233.1	243.6	244.9	-
Nursing and personal care facilities	805	1,408.6	1,420.4	1,482.0	1,488.9	-	1,273.2	1,284.6	1,337.1	1,343.4	-
Skilled nursing care facilities	8051	970.7	979.0	1,012.4	1,017.0	-	-	-	-	-	-
Intermediate care facilities	8052	199.0	201.8	214.0	215.9	-	179.3	182.1	192.7	194.4	-
Nursing and personal care, nec	8059	238.9	239.6	255.6	256.0	-	-	-	-	-	-
Hospitals	806	3,519.8	3,557.7	3,617.6	3,618.8	-	3,219.8	3,256.7	3,316.9	3,317.6	-
General medical and surgical hospitals	8062	3,241.7	3,276.1	3,326.5	3,327.4	-	-	-	-	-	-
Psychiatric hospitals	8063	104.6	105.7	105.7	105.4	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric	8069	173.5	175.9	185.4	186.0	-	-	-	-	-	-
Medical and dental laboratories	807	169.5	170.3	181.2	182.7	-	-	-	-	-	-
Home health care services	808	284.1	289.9	323.7	326.6	-	262.9	268.4	299.9	302.1	-
Legal services	81	909.7	941.2	920.8	921.1	-	751.9	779.4	752.3	753.4	-
Educational services	82	1,677.5	1,510.7	1,767.5	1,692.5	-	-	-	-	-	-
Elementary and secondary schools	821	468.4	451.7	471.5	473.7	-	-	-	-	-	-
Colleges and universities	822	1,003.1	854.1	1,083.1	1,005.7	-	-	-	-	-	-
Vocational schools	824	91.1	88.3	88.1	87.3	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p	May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p
Services—Continued											
Social services	83	1,811.5	1,802.3	1,933.2	1,953.1	-	-	-	-	-	-
Individual and family services	832	461.4	466.4	485.6	488.9	-	-	-	-	-	-
Job training and related services	833	247.3	254.6	243.0	245.2	-	-	-	-	-	-
Child day care services	835	467.5	440.7	513.4	521.2	-	413.6	387.7	453.7	461.0	-
Residential care	836	460.3	470.2	510.0	516.9	-	-	-	-	-	-
Museums and botanical and zoological gardens	84	68.9	71.5	66.3	69.2	-	-	-	-	-	-
Membership organizations	86	1,934.8	1,970.1	1,935.3	1,944.8	-	-	-	-	-	-
Business associations	861	106.5	108.1	104.4	105.6	-	-	-	-	-	-
Labor organizations	863	138.8	138.3	137.2	139.7	-	-	-	-	-	-
Civic and social associations	864	417.0	444.3	418.7	422.6	-	-	-	-	-	-
Engineering and management services	87	2,498.8	2,518.2	2,480.0	2,454.1	-	1,901.4	1,921.7	1,888.6	1,867.3	-
Engineering and architectural services	871	793.2	806.5	761.3	762.9	-	651.0	664.1	623.5	625.5	-
Engineering services	8711	613.2	623.0	591.6	593.1	-	507.3	517.0	489.2	491.1	-
Architectural services	8712	128.7	130.4	122.9	122.4	-	101.4	103.4	96.7	96.1	-
Accounting, auditing, and bookkeeping	872	531.2	526.8	545.5	514.3	-	397.0	394.0	411.0	382.4	-
Research and testing services	873	552.6	560.5	548.9	551.5	-	400.2	407.0	398.1	401.2	-
Commercial physical research	8731	231.2	234.8	232.4	232.7	-	-	-	-	-	-
Noncommercial research organizations	8733	144.7	147.3	147.0	146.8	-	-	-	-	-	-
Management and public relations	874	621.8	624.4	624.3	625.4	-	453.2	456.6	456.0	458.2	-
Services, nec	89	38.3	38.5	37.4	37.4	-	30.9	31.1	29.3	29.4	-
Government		18,895	18,651	18,765	18,813	18,516	-	-	-	-	-
Federal Government ⁴		3,354	3,365	2,947	2,960	2,971	-	-	-	-	-
Executive, by agency ¹		3,293.3	3,303.2	2,885.0	-	-	-	-	-	-	-
Department of Defense		958.1	961.0	912.1	-	-	-	-	-	-	-
Postal Service ⁵		819.7	819.5	806.7	-	-	-	-	-	-	-
Other executive agencies		1,515.5	1,522.7	1,166.2	-	-	-	-	-	-	-
Legislative		38.1	39.1	37.6	-	-	-	-	-	-	-
Judicial		22.6	22.9	24.4	-	-	-	-	-	-	-
Federal Government, by industry:											
Manufacturing activities		117.2	116.9	111.2	110.6	-	-	-	-	-	-
Ship building and repairing	3731	68.8	68.6	63.9	63.6	-	-	-	-	-	-
Transportation and public utilities, except Postal											
Service		35.5	35.7	35.7	34.7	-	-	-	-	-	-
Services		401.5	402.6	398.3	403.1	-	-	-	-	-	-
Hospitals	806	233.1	233.8	238.0	238.7	-	-	-	-	-	-
State government		4,346	4,188	4,465	4,404	4,228	-	-	-	-	-
Hospitals	806	428.8	433.3	429.0	427.9	-	-	-	-	-	-
Education	82	1,777.7	1,575.8	1,872.8	1,803.2	-	-	-	-	-	-
General administration, including executive, legislative,											
and judicial functions		1,642.4	1,668.7	1,666.9	1,673.5	-	-	-	-	-	-
Local government		11,195	11,098	11,353	11,449	11,317	-	-	-	-	-
Transportation and public utilities		457.2	461.1	455.8	458.8	-	-	-	-	-	-
Hospitals	806	645.2	653.7	673.3	674.6	-	-	-	-	-	-
Education	82	6,366.4	6,063.5	6,509.1	6,561.0	-	-	-	-	-	-
General administration, including executive, legislative,											
and judicial functions		3,388.1	3,528.3	3,401.9	3,432.0	-	-	-	-	-	-

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

² Data relate to line-haul railroads with operating revenues of \$50,000,000 or more.

³ Excludes nonoffice commissioned real estate sales agents.

⁴ Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude the Central Intelligence Agency and

the National Security Agency.

⁵ Includes rural mail carriers.

- Data not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1990 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1990 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	Mar. 1990	Apr. 1990	Feb. 1991	Mar. 1991	Apr. 1991
Total	51,841	52,034	52,067	52,187	52,253
Total private	41,967	42,123	41,970	42,038	42,115
Goods-producing	6,941	6,947	6,696	6,662	6,659
Mining	94	95	97	97	98
Construction	542	548	528	528	534
Manufacturing	6,305	6,304	6,071	6,037	6,027
Durable goods	2,993	2,991	2,836	2,817	2,813
Lumber and wood products	118	119	108	108	109
Furniture and fixtures	161	161	148	148	148
Stone, clay, and glass products	109	109	104	102	103
Primary metal industries	103	103	99	99	98
Fabricated metal products	318	318	300	299	299
Industrial machinery and equipment	460	458	441	439	436
Electronic and other electrical equipment	723	720	683	675	674
Transportation equipment	408	410	377	374	375
Instruments and related products	419	418	405	404	403
Miscellaneous manufacturing	176	175	169	169	168
Nondurable goods	3,312	3,313	3,235	3,220	3,214
Food and kindred products	515	516	519	515	514
Tobacco products	16	15	17	15	14
Textile mill products	339	338	322	321	322
Apparel and other textile products	835	834	800	797	794
Paper and allied products	171	171	169	169	169
Printing and publishing	692	695	686	684	683
Chemicals and allied products	327	327	329	329	328
Petroleum and coal products	25	25	26	26	26
Rubber and misc. plastics products	312	314	297	295	295
Leather and leather products	79	79	71	70	69
Service-producing	44,900	45,087	45,371	45,525	45,594
Transportation and public utilities	1,686	1,689	1,724	1,725	1,724
Wholesale trade	1,893	1,892	1,862	1,861	1,856
Retail trade	10,220	10,296	10,064	10,061	10,101
Finance, insurance, and real estate	4,230	4,241	4,248	4,255	4,255
Services	16,997	17,058	17,376	17,474	17,520
Government	9,874	9,911	10,097	10,149	10,138
Federal	1,225	1,257	1,215	1,215	1,218
State	2,182	2,183	2,230	2,241	2,238
Local	6,467	6,471	6,652	6,693	6,682

NOTE: Establishment survey estimates are currently projected from March 1990 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1990 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total	110,435	110,269	110,160	110,113	109,982	109,761	109,621	109,418	109,160	108,902	108,736	108,855	108,805
Total private	91,858	91,839	91,839	91,785	91,638	91,406	91,268	91,053	90,771	90,495	90,312	90,413	90,374
Goods-producing	25,093	25,027	24,937	24,842	24,705	24,481	24,375	24,181	24,039	23,877	23,794	23,833	23,762
Mining	718	717	713	711	710	712	715	713	715	714	710	705	702
Oil and gas extraction	397	397	395	398	397	398	399	399	401	402	400	398	397
Construction	5,182	5,145	5,111	5,088	5,022	4,962	4,911	4,797	4,792	4,720	4,688	4,710	4,701
General building contractors	1,322	1,309	1,297	1,294	1,272	1,251	1,237	1,221	1,210	1,196	1,184	1,175	1,172
Manufacturing	19,193	19,165	19,113	19,043	18,973	18,807	18,749	18,671	18,532	18,443	18,396	18,418	18,359
Durable goods	11,189	11,160	11,111	11,049	11,000	10,867	10,828	10,770	10,652	10,584	10,560	10,568	10,523
Lumber and wood products	746	744	740	733	730	719	714	706	696	692	692	696	694
Furniture and fixtures	514	511	511	508	505	496	493	490	482	479	481	483	483
Stone, clay, and glass products	560	558	555	552	549	543	539	532	527	520	521	519	520
Primary metal industries	759	762	757	754	753	747	742	740	726	724	723	721	717
Blast furnaces and basic steel products	278	276	276	275	276	274	273	271	264	262	263	261	258
Fabricated metal products	1,430	1,430	1,430	1,421	1,415	1,402	1,395	1,389	1,365	1,356	1,353	1,354	1,356
Industrial machinery and equipment	2,102	2,098	2,091	2,079	2,074	2,063	2,054	2,048	2,036	2,024	2,007	2,000	1,989
Electronic and other electrical equipment	1,682	1,675	1,685	1,687	1,647	1,638	1,628	1,621	1,611	1,599	1,597	1,599	1,590
Transportation equipment	2,013	2,002	1,987	1,971	1,957	1,897	1,902	1,888	1,859	1,846	1,846	1,860	1,845
Motor vehicles and equipment	832	828	817	810	805	758	770	763	746	738	754	778	772
Instruments and related products	1,007	1,004	999	998	995	991	989	985	982	978	976	973	967
Miscellaneous manufacturing	376	378	378	378	375	373	372	371	368	366	364	363	362
Nondurable goods	8,004	8,005	8,002	7,994	7,973	7,940	7,921	7,901	7,880	7,859	7,836	7,850	7,836
Food and kindred products	1,662	1,665	1,668	1,670	1,672	1,669	1,672	1,673	1,679	1,679	1,673	1,677	1,676
Tobacco products	49	49	50	49	49	49	49	49	49	48	48	48	48
Textile mill products	693	692	690	685	678	677	671	667	661	660	660	664	664
Apparel and other textile products	1,045	1,041	1,039	1,039	1,032	1,023	1,017	1,012	1,010	1,009	1,005	1,013	1,013
Paper and allied products	700	701	701	700	699	697	695	698	694	693	691	690	687
Printing and publishing	1,577	1,577	1,577	1,575	1,573	1,568	1,565	1,560	1,553	1,548	1,542	1,541	1,529
Chemicals and allied products	1,093	1,095	1,094	1,096	1,095	1,095	1,095	1,094	1,093	1,091	1,089	1,086	1,086
Petroleum and coal products	157	158	158	158	158	159	159	158	158	158	159	159	158
Rubber and misc. plastics products	894	895	894	892	889	877	873	868	861	852	849	853	856
Leather and leather products	134	132	131	130	128	126	125	124	122	121	120	119	119
Service-producing	85,342	85,242	85,223	85,271	85,277	85,280	85,246	85,237	85,121	85,025	84,942	85,022	85,043
Transportation and public utilities	5,831	5,832	5,839	5,854	5,855	5,852	5,867	5,866	5,834	5,824	5,814	5,814	5,814
Transportation	3,558	3,560	3,587	3,581	3,582	3,582	3,595	3,591	3,562	3,549	3,544	3,550	3,552
Communications and public utilities	2,273	2,272	2,272	2,273	2,273	2,270	2,272	2,275	2,272	2,275	2,270	2,264	2,262
Wholesale trade	6,220	6,215	6,211	6,204	6,190	6,180	6,166	6,138	6,119	6,105	6,086	6,087	6,070
Durable goods	3,639	3,636	3,630	3,624	3,613	3,604	3,596	3,576	3,562	3,550	3,535	3,530	3,517
Nondurable goods	2,581	2,579	2,581	2,580	2,577	2,576	2,570	2,562	2,557	2,555	2,551	2,557	2,553
Retail trade	19,714	19,710	19,714	19,698	19,663	19,628	19,579	19,542	19,464	19,378	19,324	19,333	19,321
General merchandise stores	2,530	2,526	2,520	2,511	2,491	2,470	2,444	2,431	2,415	2,396	2,372	2,355	2,338
Food stores	3,234	3,234	3,234	3,239	3,238	3,243	3,242	3,243	3,237	3,245	3,226	3,224	3,232
Automotive dealers and service stations	2,085	2,086	2,084	2,082	2,075	2,070	2,067	2,053	2,042	2,036	2,031	2,030	2,034
Eating and drinking places	6,559	6,559	6,578	6,577	6,586	6,596	6,601	6,608	6,582	6,561	6,560	6,570	6,569
Finance, insurance, and real estate	8,746	8,745	8,750	8,750	8,746	8,740	8,733	8,736	8,732	8,735	8,718	8,709	8,701
Finance	3,304	3,303	3,307	3,306	3,305	3,301	3,296	3,296	3,295	3,297	3,292	3,287	3,286
Insurance	2,118	2,121	2,123	2,126	2,127	2,128	2,128	2,136	2,137	2,140	2,134	2,132	2,130
Real estate	1,324	1,321	1,320	1,318	1,314	1,311	1,309	1,304	1,300	1,298	1,292	1,290	1,285
Services	28,254	28,310	28,388	28,437	28,479	28,525	28,548	28,590	28,583	28,576	28,576	28,637	28,706
Business services	5,256	5,260	5,269	5,291	5,295	5,287	5,275	5,271	5,256	5,254	5,257	5,273	5,285
Health services	7,830	7,860	7,899	7,929	7,965	7,997	8,032	8,061	8,089	8,114	8,147	8,164	8,204
Government	18,577	18,430	18,321	18,328	18,344	18,355	18,353	18,365	18,389	18,407	18,424	18,442	18,431
Federal	3,337	3,162	3,038	2,994	2,980	2,964	2,948	2,952	2,951	2,951	2,953	2,951	2,942
State	4,311	4,311	4,318	4,328	4,339	4,345	4,347	4,352	4,354	4,359	4,352	4,343	4,350
Local	10,929	10,957	10,965	11,006	11,025	11,046	11,058	11,061	11,084	11,097	11,119	11,148	11,139

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1990

benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1987 forward are subject to revision.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1990									1991			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total	51,954	52,162	52,281	52,347	52,371	52,380	52,372	52,349	52,319	52,355	52,264	52,207	52,149
Total private	42,301	42,378	42,454	42,510	42,578	42,594	42,579	42,540	42,500	42,527	42,415	42,344	42,275
Goods-producing	6,991	6,982	6,972	6,964	6,949	6,930	6,894	6,844	6,826	6,802	6,762	6,723	6,701
Mining	95	96	96	96	96	97	95	96	97	97	98	98	98
Construction	555	556	555	555	555	555	553	551	550	548	544	542	540
Manufacturing	6,341	6,330	6,321	6,313	6,298	6,278	6,246	6,197	6,179	6,157	6,120	6,083	6,063
Durable goods	2,997	2,992	2,987	2,984	2,965	2,950	2,936	2,904	2,892	2,879	2,853	2,828	2,819
Lumber and wood products	120	120	120	120	119	118	117	116	115	114	111	109	110
Furniture and fixtures	160	161	161	159	160	159	157	154	153	152	149	148	148
Stone, clay, and glass products	110	110	109	109	109	109	109	108	107	106	106	104	104
Primary metal industries	103	103	104	104	103	102	102	102	101	101	99	99	98
Fabricated metal products	319	318	318	319	318	316	315	311	310	308	303	300	300
Industrial machinery and equipment	458	457	456	455	453	450	449	446	444	444	441	439	436
Electronic and other electrical equipment	723	721	718	716	710	705	701	696	692	688	686	678	676
Transportation equipment	409	408	409	409	406	404	401	389	389	386	379	375	374
Instruments and related products	419	418	417	416	413	412	411	409	408	407	407	405	404
Miscellaneous manufacturing	176	176	175	177	174	175	174	173	173	173	172	171	169
Nondurable goods	3,344	3,338	3,334	3,329	3,333	3,328	3,310	3,293	3,287	3,278	3,267	3,255	3,244
Food and kindred products	544	544	541	541	542	543	543	540	542	542	544	543	543
Tobacco products	16	17	16	17	17	17	16	16	17	16	16	16	16
Textile mill products	339	337	337	336	337	334	330	330	328	327	324	322	323
Apparel and other textile products	832	827	825	819	821	822	814	807	803	800	798	796	791
Paper and allied products	173	173	173	173	174	173	172	172	171	172	171	171	170
Printing and publishing	693	693	694	694	694	693	693	692	692	690	686	684	681
Chemicals and allied products	328	329	329	330	330	331	331	330	331	330	331	330	329
Petroleum and coal products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Rubber and misc. plastics products	314	314	315	315	315	313	310	306	304	302	299	295	295
Leather and leather products	80	79	78	78	77	76	75	74	73	73	71	71	70
Service-producing	44,963	45,180	45,309	45,383	45,422	45,450	45,478	45,505	45,493	45,553	45,502	45,484	45,448
Transportation and public utilities	1,691	1,705	1,713	1,714	1,721	1,727	1,731	1,736	1,739	1,745	1,731	1,732	1,726
Wholesale trade	1,902	1,903	1,907	1,907	1,905	1,905	1,903	1,898	1,892	1,883	1,878	1,870	1,865
Retail trade	10,468	10,467	10,476	10,470	10,473	10,464	10,446	10,432	10,388	10,411	10,348	10,308	10,265
Finance, insurance, and real estate	4,252	4,256	4,250	4,266	4,277	4,276	4,273	4,270	4,262	4,271	4,271	4,272	4,268
Services	16,997	17,065	17,136	17,189	17,253	17,292	17,332	17,360	17,393	17,415	17,425	17,439	17,450
Government	9,653	9,784	9,827	9,837	9,793	9,786	9,793	9,809	9,819	9,828	9,849	9,863	9,874
Federal	1,268	1,362	1,358	1,324	1,264	1,237	1,231	1,225	1,220	1,222	1,226	1,227	1,230
State	2,121	2,129	2,146	2,143	2,148	2,156	2,161	2,167	2,169	2,173	2,174	2,176	2,175
Local	6,264	6,293	6,323	6,370	6,381	6,393	6,401	6,417	6,430	6,433	6,449	6,460	6,469

¹ This series is not published seasonally adjusted because the seasonal components are small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

NOTE: Establishment survey estimates are currently projected from March 1990 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1987 forward are subject to revision.

**ESTABLISHMENT DATA
EMPLOYMENT
SEASONALLY ADJUSTED**

B-6. Production or nonsupervisory workers¹ on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted

(In thousands)

Industry	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a	June ^a
Total private	74,447	74,401	74,407	74,348	74,209	73,984	73,841	73,666	73,378	73,172	72,983	73,074	73,063
Goods-producing	17,591	17,538	17,453	17,368	17,252	17,048	16,958	16,787	16,658	16,534	16,477	16,519	16,484
Mining	516	516	510	511	512	512	513	511	512	511	509	502	498
Construction	4,029	3,994	3,962	3,937	3,876	3,821	3,773	3,672	3,658	3,599	3,565	3,593	3,585
Manufacturing	13,046	13,028	12,981	12,920	12,864	12,715	12,672	12,604	12,488	12,424	12,403	12,424	12,401
Durable goods	7,434	7,417	7,375	7,322	7,287	7,172	7,148	7,098	7,000	6,956	6,948	6,958	6,935
Lumber and wood products	614	611	608	604	600	590	585	578	569	564	566	569	568
Furniture and fixtures	407	404	403	401	397	389	386	384	377	375	377	378	380
Stone, clay, and glass products	435	432	430	429	426	421	419	411	406	400	401	400	400
Primary metal industries	577	580	575	572	571	566	562	559	548	546	544	543	540
Blast furnaces and basic steel products	212	212	211	211	211	210	209	207	201	199	200	199	197
Fabricated metal products	1,054	1,056	1,053	1,046	1,041	1,030	1,024	1,018	994	990	989	990	993
Industrial machinery and equipment	1,265	1,262	1,257	1,246	1,244	1,235	1,228	1,223	1,215	1,209	1,198	1,188	1,179
Electronic and other electrical equipment	1,064	1,059	1,052	1,043	1,038	1,028	1,022	1,014	1,007	1,000	1,001	1,005	1,003
Transportation equipment	1,246	1,242	1,230	1,217	1,211	1,158	1,168	1,158	1,135	1,125	1,130	1,146	1,137
Motor vehicles and equipment	637	632	622	616	613	570	582	577	561	553	567	591	589
Instruments and related products	500	497	494	491	488	486	486	486	484	485	481	479	475
Miscellaneous manufacturing	272	274	273	273	271	269	268	267	265	262	261	260	260
Nondurable goods	5,612	5,611	5,606	5,598	5,577	5,543	5,524	5,506	5,488	5,468	5,455	5,466	5,466
Food and kindred products	1,194	1,197	1,201	1,203	1,204	1,202	1,206	1,208	1,213	1,213	1,207	1,211	1,210
Tobacco products	36	36	37	37	36	36	36	36	36	35	35	35	36
Textile mill products	594	593	592	588	580	580	574	571	565	564	565	569	570
Apparel and other textile products	877	873	870	870	864	854	850	844	843	842	840	847	847
Paper and allied products	525	526	526	525	525	522	521	522	522	521	519	519	517
Printing and publishing	876	877	876	873	871	867	864	860	855	851	849	845	839
Chemicals and allied products	604	604	601	601	600	598	596	594	592	591	591	586	588
Petroleum and coal products	103	103	103	103	104	104	103	102	102	102	103	103	104
Rubber and misc. plastics products	693	693	693	691	688	677	672	668	660	651	649	654	658
Leather and leather products	110	109	107	107	105	103	102	101	100	98	97	97	97
Service-producing	56,856	56,863	56,954	56,980	56,957	56,936	56,883	56,879	56,720	56,638	56,506	56,555	56,579
Transportation and public utilities	4,843	4,840	4,832	4,850	4,852	4,854	4,868	4,869	4,840	4,834	4,825	4,830	4,836
Wholesale trade	5,003	4,994	4,990	4,983	4,968	4,959	4,946	4,924	4,904	4,894	4,879	4,876	4,866
Retail trade	17,465	17,458	17,463	17,445	17,409	17,370	17,321	17,277	17,202	17,132	17,072	17,074	17,054
Finance, insurance, and real estate	4,879	4,868	4,899	4,891	4,886	4,876	4,863	4,869	4,863	4,862	4,851	4,851	4,850
Services	24,666	24,703	24,770	24,811	24,842	24,877	24,885	24,940	24,911	24,916	24,879	24,924	24,973

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

^a = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1990 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1987 forward are subject to revision.

**ESTABLISHMENT DATA
DIFFUSION INDEXES
SEASONALLY ADJUSTED**

B-7. Diffusion Indexes of employment change, seasonally adjusted

(Percent)

Time span	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Private nonfarm payrolls, 356 industries¹												
Over 1-month span:												
1989	64.5	59.0	58.7	53.9	52.7	53.8	52.9	54.6	49.2	56.6	59.6	52.1
1990	58.1	58.1	52.2	48.7	52.8	48.3	46.6	47.8	45.1	41.4	40.3	42.0
1991	38.5	36.9	38.6	38.5	^P 51.0	^P 45.6						
Over 3-month span:												
1989	67.6	65.2	61.1	56.2	54.5	53.9	54.9	52.5	55.9	56.0	55.8	59.1
1990	58.8	59.0	54.4	50.7	48.7	49.4	45.6	43.7	40.0	37.4	35.8	35.1
1991	31.6	30.8	30.3	^P 38.5	^P 39.5							
Over 6-month span:												
1989	67.7	65.0	63.3	59.0	56.5	53.4	54.5	55.9	53.8	58.1	57.9	59.1
1990	56.6	55.2	55.2	51.8	47.6	44.9	42.7	38.6	37.2	34.8	30.9	28.6
1991	26.7	^P 31.5	^P 29.2									
Over 12-month span:												
1989	65.3	65.2	62.2	61.5	61.5	59.6	57.6	56.7	55.8	56.0	55.5	55.6
1990	54.6	54.5	51.4	48.3	46.6	43.5	40.3	35.8	34.1	30.6	^P 31.9	^P 28.9
1991												
Manufacturing payrolls, 139 industries¹												
Over 1-month span:												
1989	58.6	50.7	48.9	47.5	47.1	44.2	44.2	45.7	38.8	48.2	48.6	45.3
1990	46.0	51.1	41.4	47.8	41.7	39.6	43.2	40.3	38.8	34.5	27.3	33.8
1991	31.7	28.4	29.9	38.5	^P 47.8	^P 44.2						
Over 3-month span:												
1989	56.5	54.3	49.3	43.5	42.8	42.1	40.3	36.3	39.9	41.0	41.0	41.7
1990	45.0	43.2	45.0	38.1	38.1	37.4	35.6	31.3	27.0	23.0	21.6	18.3
1991	19.4	16.5	18.0	^P 30.9	^P 35.3							
Over 6-month span:												
1989	57.9	51.8	48.6	45.0	41.7	38.1	38.1	38.1	35.6	38.8	39.6	39.6
1990	39.9	36.7	37.1	40.3	32.4	30.6	24.1	20.5	21.2	17.3	16.2	11.9
1991	10.4	^P 18.0	^P 19.4									
Over 12-month span:												
1989	53.6	56.1	51.8	46.4	44.6	41.7	38.1	35.3	34.9	36.3	32.4	32.7
1990	35.3	33.5	31.3	29.5	25.2	20.9	19.8	14.0	12.9	10.1	^P 11.5	^P 11.9
1991												

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

^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 1990 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1990) and all seasonally adjusted data (beginning January 1987) are subject to revision.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Alabama	1,646.1	1,639.1	1,642.6	13.1	12.8	12.7	84.5	79.4	79.6
Birmingham	420.5	422.4	422.1	5.9	5.5	5.6	24.0	22.8	22.7
Huntsville	137.1	135.7	136.1	(¹)	(¹)	(¹)	5.6	5.1	5.2
Mobile	178.3	180.6	180.7	(¹)	(¹)	(¹)	11.5	11.1	11.0
Montgomery	136.0	135.8	135.8	(¹)	(¹)	(¹)	7.6	7.4	7.4
Tuscaloosa	67.3	67.3	67.1	3.4	3.4	3.4	4.4	3.9	4.0
Alaska	240.7	236.8	243.1	11.2	11.7	11.8	10.5	9.1	10.3
Arizona	1,501.5	1,525.3	1,522.2	12.4	12.8	12.9	82.1	77.4	78.6
Phoenix	990.6	1,001.8	1,000.6	.8	.7	.7	54.7	49.9	50.5
Tucson	255.7	262.6	262.6	2.1	2.3	2.3	14.9	15.1	15.4
Arkansas	927.2	947.0	954.4	4.0	4.0	3.9	37.5	37.3	38.7
Fayetteville-Springdale	56.1	56.9	57.0	(¹)	(¹)	(¹)	1.9	1.8	1.8
Fort Smith	81.5	79.8	81.5	.9	.9	.9	2.6	2.8	2.9
Little Rock-North Little Rock	254.1	255.8	256.5	(¹)	(¹)	(¹)	11.0	10.8	10.9
Pine Bluff	38.1	34.5	34.8	(¹)	(¹)	(¹)	3.1	1.1	1.1
California	12,904.7	12,828.7	12,844.8	38.9	37.9	37.8	874.7	617.3	625.9
Anaheim-Santa Ana	1,223.8	1,207.3	1,209.5	1.3	1.2	1.1	71.1	60.9	62.4
Bakersfield	172.7	174.9	175.8	14.3	14.3	14.2	11.3	11.2	11.2
Fresno	230.6	240.8	241.8	.6	.6	.6	14.4	14.3	14.7
Los Angeles-Long Beach	4,318.5	4,266.9	4,262.2	8.3	8.1	8.2	160.9	153.4	152.7
Modesto	119.2	119.8	119.7	(²)	(²)	(²)	9.5	8.6	8.7
Oakland	898.5	906.7	907.3	3.5	2.9	2.9	51.8	47.9	48.5
Oxnard-Ventura	237.5	234.0	234.1	2.1	2.1	2.1	17.9	18.7	16.9
Riverside-San Bernardino	739.8	756.1	756.0	1.4	1.4	1.4	67.8	59.6	60.1
Sacramento	626.8	627.4	629.6	.6	.5	.5	41.4	35.0	36.2
Salinas-Seaside-Monterey	113.9	114.3	114.9	.3	.3	.3	4.5	4.5	4.5
San Diego	1,000.4	989.8	991.9	.7	.7	.7	62.8	57.7	58.8
San Francisco	973.7	978.7	978.7	.6	.6	.6	36.5	36.5	36.8
San Jose	836.8	824.4	825.9	.2	.3	.3	34.1	32.4	32.8
Santa Barbara-Santa Maria-Lompoc	153.3	151.7	152.3	1.2	1.2	1.2	7.5	7.3	7.3
Santa Rosa-Petaluma	144.0	148.8	149.7	.5	.5	.5	10.7	9.9	10.2
Stockton	156.1	155.8	157.4	.1	.1	.1	9.8	8.8	9.1
Vallejo-Fairfield-Napa	141.4	142.0	143.1	.6	.4	.5	12.0	11.3	11.7
Colorado	1,507.7	1,540.1	1,539.4	19.4	19.6	19.6	60.4	63.1	66.1
Boulder-Longmont	117.6	117.7	118.8	(¹)	(¹)	(¹)	3.6	3.6	3.6
Denver	839.0	648.8	855.0	10.9	11.3	11.3	32.4	33.5	35.5
Connecticut	1,647.0	1,606.8	1,609.8	1.0	.8	.8	64.1	51.9	55.1
Bridgeport-Milford	194.3	186.7	186.9	(²)	(²)	(²)	7.1	8.2	6.5
Hartford	478.8	461.8	461.1	(¹)	(¹)	(¹)	17.3	13.0	13.8
New Britain	65.2	61.8	62.6	(²)	(²)	(²)	4.8	3.6	4.0
New Haven-Meriden	259.8	253.8	251.4	(¹)	(¹)	(¹)	10.7	8.2	8.4
Stamford	120.1	118.0	118.8	(¹)	(¹)	(¹)	4.3	3.8	4.0
Waterbury	65.1	61.1	61.7	(²)	(²)	(²)	3.5	2.9	3.0
Delaware	350.4	337.8	346.8	.1	.1	.1	20.8	19.0	19.3
Wilmington	301.8	292.4	299.4	.2	.2	.2	18.4	16.3	18.5
District of Columbia	689.9	683.6	684.3	.1	.1	.1	14.4	13.6	13.4
Washington MSA	2,252.7	2,213.2	2,224.3	1.3	1.2	1.2	140.1	118.7	120.1
Florida	5,432.9	5,403.5	5,386.2	8.9	8.0	8.0	328.7	270.4	268.7
Daytona Beach	126.1	128.5	127.5	(²)	(²)	(²)	7.8	7.4	7.7
Fort Lauderdale-Hollywood-Pompano Beach	517.0	515.8	513.8	.2	.2	.2	33.6	28.2	27.6
Fort Myers-Cape Coral	128.7	135.9	134.7	(²)	(²)	(²)	13.0	12.0	12.1
Gainesville	102.1	102.2	102.1	(²)	(²)	(²)	4.4	3.9	3.9
Jacksonville	428.8	425.9	427.1	.7	.6	.6	26.8	22.7	22.9
Lakeland-Winter Haven	155.2	158.4	156.9	4.1	3.7	3.7	8.3	8.0	7.9
Melbourne-Titusville-Palm Bay	167.5	163.5	163.4	(²)	(²)	(²)	8.9	7.5	7.8
Miami-Hialeah	891.2	868.3	864.7	.9	.8	.8	36.7	35.4	35.1
Orlando	571.4	587.3	589.4	(²)	(²)	(²)	37.6	32.5	32.9
Pensacola	131.8	131.5	131.5	.4	.4	.4	8.0	7.8	7.7
Sarasota	118.8	121.1	120.1	(²)	(²)	(²)	9.4	8.8	8.7
Tallahassee	126.5	127.8	127.8	(²)	(²)	(²)	5.9	5.4	5.3
Tampa-St. Petersburg-Clearwater	886.2	892.4	890.5	.5	.5	.5	49.6	43.6	42.7
West Palm Beach-Boca Raton-Delray Beach	361.9	363.8	359.7	(²)	(²)	(²)	25.5	21.0	20.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Alabama	386.6	377.7	379.5	83.2	84.2	84.4	353.5	350.8	351.4
Birmingham	58.4	56.3	56.0	32.6	32.2	32.0	99.1	98.2	98.4
Huntsville	33.3	32.9	32.9	3.2	3.2	3.2	25.3	24.8	25.0
Mobile	28.1	27.9	27.7	10.1	10.7	10.8	47.0	46.0	46.0
Montgomery	17.6	17.3	17.4	5.7	5.8	5.8	30.4	30.0	30.0
Tuscaloosa	10.4	10.4	10.2	2.1	2.1	2.1	13.6	14.2	14.2
Alaska	18.3	17.1	18.2	20.6	20.0	21.4	46.6	45.3	47.0
Arizona	184.9	180.7	180.2	81.6	81.7	81.4	369.1	379.2	379.0
Phoenix	138.3	134.6	134.0	58.0	58.0	58.1	247.0	255.3	255.4
Tucson	26.2	25.8	25.9	9.3	9.3	9.4	59.9	60.8	60.6
Arkansas	231.8	232.3	234.8	55.4	56.6	56.9	206.0	210.6	211.9
Fayetteville-Springdale	13.9	14.1	14.1	5.0	4.8	4.8	12.3	12.5	12.5
Fort Smith	26.1	24.7	25.8	4.7	4.7	4.7	16.8	16.3	16.4
Little Rock-North Little Rock	33.4	32.8	32.8	16.5	16.3	16.3	60.9	60.9	61.3
Pine Bluff	6.2	6.6	6.8	2.6	2.7	2.7	7.4	7.4	7.4
California	2,126.7	2,043.2	2,038.9	626.2	625.5	626.1	3,009.4	2,974.9	2,983.2
Anaheim-Santa Ana	252.9	247.2	245.2	37.8	37.9	37.9	302.1	298.1	298.2
Bakersfield	10.7	10.8	10.9	8.2	8.3	8.4	39.9	40.6	41.0
Fresno	26.5	26.3	26.6	12.4	12.9	13.2	58.5	59.9	60.5
Los Angeles-Long Beach	870.6	821.7	818.1	221.6	220.8	220.4	968.6	953.2	955.0
Modesto	23.9	23.6	23.4	5.0	5.3	5.2	30.7	30.5	30.4
Oakland	112.8	112.4	112.7	60.0	62.1	62.3	216.0	218.9	218.9
Oxnard-Ventura	33.2	31.3	31.1	12.2	11.7	11.8	57.9	57.4	57.6
Riverside-San Bernardino	88.8	88.8	88.7	35.1	35.9	36.1	182.9	187.3	187.9
Sacramento	45.0	44.6	44.7	28.5	28.6	28.6	143.7	143.4	144.2
Salinas-Seaside-Monterey	10.8	10.1	10.8	4.7	4.8	4.8	30.3	30.2	30.2
San Diego	136.9	132.0	131.4	37.0	36.8	36.6	237.5	233.7	234.5
San Francisco	79.4	78.4	78.1	78.4	77.5	77.5	212.8	209.7	210.0
San Jose	263.5	256.9	255.9	22.8	23.1	23.1	169.3	166.4	167.1
Santa Barbara-Santa Maria-Lompoc	22.3	21.2	21.3	5.5	5.5	5.5	34.4	33.9	34.0
Santa Rosa-Petaluma	21.5	21.7	21.5	6.7	6.8	6.8	36.5	39.0	39.3
Stockton	23.8	23.5	24.2	8.7	8.6	8.7	36.0	35.8	36.7
Vallejo-Fairfield-Napa	12.5	12.2	12.2	5.1	5.2	5.2	34.6	35.3	35.6
Colorado	192.2	189.7	190.2	95.6	96.7	96.7	366.6	370.6	369.3
Boulder-Longmont	30.3	29.8	30.0	2.3	2.3	2.3	24.6	24.7	24.9
Denver	94.9	92.1	92.4	69.0	69.5	69.6	205.5	205.5	207.3
Connecticut	345.3	329.3	326.6	73.8	73.3	73.7	364.1	352.8	355.6
Bridgeport-Milford	50.9	46.8	46.1	8.3	8.3	8.4	43.1	42.3	42.6
Hartford	83.5	81.6	80.7	19.3	19.0	18.8	103.1	95.9	96.1
New Britain	19.0	17.5	17.5	3.4	3.3	3.3	13.3	13.2	13.3
New Haven-Meriden	45.0	42.3	42.0	17.3	16.8	17.1	55.9	52.8	53.1
Stamford	19.6	18.7	18.6	6.1	6.4	6.4	27.1	27.1	27.2
Waterbury	20.9	18.1	18.2	3.4	3.4	3.4	17.7	17.1	17.4
Delaware	72.5	65.9	71.7	15.3	15.4	15.4	75.6	73.7	74.7
Wilmington	62.7	56.1	61.8	17.0	17.1	16.9	60.8	60.1	60.6
District of Columbia	15.6	15.4	15.4	24.2	23.5	23.6	62.3	60.8	60.6
Washington MSA	87.5	84.2	84.2	107.8	107.3	107.9	434.8	425.9	429.4
Florida	525.5	501.4	499.6	276.3	269.5	269.1	1,458.8	1,456.3	1,444.0
Daytona Beach	11.9	12.2	12.1	4.2	4.4	4.4	37.4	37.4	37.0
Fort Lauderdale-Hollywood-Pompano Beach	43.7	42.4	42.1	23.3	23.2	23.0	151.2	152.1	151.9
Fort Myers-Cape Coral	5.9	6.0	6.1	5.5	5.8	5.8	37.9	42.7	41.9
Gainesville	5.5	5.5	5.5	2.0	2.0	2.0	21.6	21.4	21.2
Jacksonville	36.3	35.5	35.4	29.2	29.4	29.4	111.7	115.4	116.0
Lakeland-Winter Haven	21.6	21.8	21.5	7.5	7.6	7.5	43.2	44.7	44.2
Melbourne-Titusville-Palm Bay	31.1	29.7	29.6	4.5	4.6	4.7	38.8	38.5	38.3
Miami-Hialeah	89.4	87.4	86.9	72.2	65.4	64.8	239.5	231.9	231.4
Oriando	54.4	51.9	51.8	29.3	29.0	29.1	148.5	146.7	147.1
Pensacola	12.0	11.4	11.3	6.5	6.4	6.4	32.8	32.9	33.2
Sarasota	8.8	8.5	8.5	3.7	3.6	3.6	34.6	35.3	34.4
Tallahassee	4.7	4.2	4.1	3.1	3.2	3.1	26.6	27.3	27.2
Tampa-St. Petersburg-Clearwater	92.8	89.7	89.8	41.7	41.3	41.7	243.4	248.0	246.7
West Palm Beach-Boca Raton-Delray Beach	33.0	31.2	31.7	14.3	14.8	14.9	96.4	98.4	95.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Alabama	73.6	73.4	73.6	317.5	326.2	326.0	334.1	334.6	335.4
Birmingham	30.3	30.4	30.4	104.1	109.1	109.3	66.1	67.9	67.7
Huntsville	3.9	4.0	4.0	33.2	33.4	33.4	32.6	32.3	32.4
Mobile	8.1	8.0	8.0	42.3	45.0	45.3	31.2	31.9	31.9
Montgomery	8.3	8.4	8.4	31.0	31.4	31.2	35.4	35.5	35.6
Tuscaloosa	2.1	2.2	2.2	10.2	10.0	9.9	21.1	21.1	21.1
Alaska	10.4	10.3	10.4	51.4	51.1	52.5	71.7	72.2	71.5
Arizona	94.2	95.2	95.2	406.4	421.5	419.8	270.8	276.8	275.1
Phoenix	75.2	76.0	78.0	276.9	284.9	283.6	139.7	142.4	142.3
Tucson	11.6	11.7	11.6	73.6	77.8	77.4	58.1	60.0	60.0
Arkansas	38.2	38.5	38.7	190.2	202.0	203.2	164.1	165.7	166.3
Fayetteville-Springdale	1.6	1.6	1.7	9.7	9.8	9.8	11.7	12.3	12.3
Fort Smith	2.6	2.6	2.7	19.2	19.1	19.2	8.6	8.7	8.9
Little Rock-North Little Rock	15.5	15.6	15.6	66.8	68.3	68.6	50.0	50.9	51.0
Pine Bluff	1.2	1.2	1.2	7.6	7.3	7.3	8.0	8.2	8.1
California	844.6	843.3	842.6	3,458.8	3,555.3	3,555.0	2,125.4	2,131.3	2,135.3
Anaheim-Santa Ana	102.5	103.3	103.2	325.4	328.0	330.3	130.7	130.7	131.2
Bakersfield	6.8	6.7	6.7	36.2	36.9	36.9	45.3	46.1	46.5
Fresno	13.2	13.7	13.7	53.0	56.4	56.4	52.2	56.5	56.1
Los Angeles-Long Beach	292.3	291.4	290.9	1,241.6	1,273.8	1,272.4	552.6	544.5	544.5
Modesto	5.0	4.7	4.8	24.8	25.5	25.4	20.3	21.4	21.8
Oakland	57.9	57.3	57.3	224.9	232.6	232.1	171.6	172.6	172.6
Oxnard-Ventura	12.7	12.0	12.0	56.5	57.8	57.8	45.0	45.0	44.8
Riverside-San Bernardino	32.5	33.6	33.4	178.4	193.4	191.8	152.7	156.1	156.6
Sacramento	40.5	42.3	42.8	140.4	144.1	143.6	186.7	188.9	189.0
Salinas-Seaside-Monterey	6.2	6.5	6.5	28.7	29.0	28.8	28.4	28.9	29.0
San Diego	68.1	66.8	66.6	274.9	280.5	281.2	182.5	181.6	182.1
San Francisco	108.4	108.8	108.5	318.3	325.1	325.2	141.3	142.1	142.2
San Jose	32.7	32.3	32.3	222.7	222.4	223.7	91.5	90.6	90.7
Santa Barbara-Santa Maria-Lompoc	8.6	8.6	8.6	43.1	44.2	44.5	30.7	29.8	29.9
Santa Rosa-Petaluma	8.7	8.9	8.9	34.5	36.8	37.0	24.9	25.2	25.5
Stockton	9.5	9.6	9.6	33.4	34.1	33.9	34.8	35.1	35.1
Vallejo-Fairfield-Napa	5.1	5.2	5.2	32.9	34.6	34.7	38.6	37.8	38.0
Colorado	96.0	97.5	97.2	393.5	413.8	409.3	284.0	289.1	291.0
Boulder-Longmont	4.2	4.2	4.3	28.5	29.0	29.3	24.1	24.1	24.4
Denver	64.5	64.9	65.0	229.5	236.8	238.7	132.3	135.0	135.2
Connecticut	151.7	147.6	147.3	430.4	436.8	436.6	216.6	214.1	214.1
Bridgeport-Milford	11.8	11.3	11.3	52.3	52.1	52.2	20.8	19.7	19.6
Hartford	75.0	72.9	73.0	116.2	114.8	114.0	84.4	84.6	84.7
New Britain	2.9	2.8	2.8	14.9	14.4	14.6	6.9	7.0	7.1
New Haven-Meriden	16.9	16.1	16.1	81.0	85.6	82.6	33.0	32.0	32.1
Stamford	14.0	14.0	14.0	38.2	37.6	38.0	10.8	10.4	10.4
Waterbury	4.6	4.4	4.4	21.4	22.2	22.3	13.6	13.0	13.0
Delaware	31.7	32.2	32.2	85.1	84.1	85.3	49.3	47.4	47.9
Wilmington	28.2	29.1	29.2	75.8	75.5	75.9	38.7	38.0	38.3
District of Columbia	33.9	32.7	32.6	262.4	262.5	262.6	277.0	275.0	276.0
Washington MSA	131.3	127.7	128.0	759.4	759.9	761.7	590.5	588.3	591.8
Florida	371.0	363.5	362.4	1,595.0	1,855.2	1,646.9	868.7	879.2	885.5
Daytona Beach	5.8	5.7	5.7	37.0	38.5	38.1	22.0	22.9	22.5
Fort Lauderdale-Hollywood-Pompano Beach	40.4	39.5	39.1	153.4	157.7	156.8	71.2	72.5	73.1
Fort Myers-Cape Coral	9.4	9.0	9.1	36.8	39.2	38.5	20.3	21.1	21.1
Gainesville	4.7	4.6	4.6	25.6	26.3	26.1	38.2	38.4	38.7
Jacksonville	42.2	41.7	41.7	114.9	115.5	115.8	87.0	85.1	85.3
Lakeland-Winter Haven	9.1	8.9	8.9	37.6	39.4	38.9	23.8	24.3	24.3
Melbourne-Titusville-Palm Bay	5.8	5.5	5.5	53.2	53.8	53.5	25.1	23.9	24.0
Miami-Hialeah	70.4	69.9	69.8	252.1	254.7	253.0	128.0	122.8	122.9
Orlando	32.8	31.7	31.8	201.5	207.9	208.7	67.2	67.5	67.9
Pensacola	5.7	5.8	5.7	34.9	35.3	35.4	31.5	31.7	31.4
Sarasota	8.5	8.2	8.2	39.8	42.7	42.5	14.0	14.2	14.2
Tallahassee	5.3	5.3	5.3	27.7	28.2	28.2	52.9	53.9	54.3
Tampa-St. Petersburg-Clearwater	65.0	64.0	63.8	275.9	287.3	286.9	117.3	118.0	118.4
West Palm Beach-Boca Raton-Delray Beach	28.9	27.7	27.5	116.1	122.6	120.8	47.7	48.1	48.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Georgia	2,999.3	2,955.0	2,967.7	8.8	8.5	8.5	147.2	133.1	133.4
Albany	50.7	51.0	51.4	(²)	(²)	(²)	2.5	3.0	3.2
Athens	69.9	67.4	67.9	.1	.1	.1	2.6	2.5	2.5
Atlanta	1,480.1	1,465.2	1,470.8	1.2	1.1	1.1	67.8	60.7	60.5
Augusta	182.2	181.7	181.7	.5	.6	.6	17.7	18.0	17.7
Columbus	97.1	98.5	97.1	.1	.1	.1	5.2	5.7	5.6
Macon-Warner Robins	129.8	127.8	127.9	.2	.1	.1	5.7	4.7	4.8
Savannah	112.3	113.7	113.3	(²)	(²)	(²)	9.2	11.1	11.1
Hawaii	529.2	534.9	536.7	(²)	(²)	(²)	31.4	32.8	33.1
Honolulu	411.5	414.0	415.7	(²)	(²)	(²)	23.8	24.5	24.8
Idaho	383.9	393.5	397.3	3.9	3.3	3.2	18.5	19.0	19.9
Boise City	105.8	107.4	107.3	(¹)	(¹)	(¹)	5.8	5.1	5.1
Illinois	5,283.8	5,287.8	5,292.7	19.8	19.5	19.4	220.0	208.8	217.8
Aurora-Elgin	149.9	149.6	150.8	(¹)	(¹)	(¹)	9.0	8.5	8.9
Bloomington-Normal	67.2	66.3	67.0	(¹)	(¹)	(¹)	2.2	1.7	2.1
Champaign-Urbana-Rantoul	91.3	92.6	92.4	(¹)	(¹)	(¹)	2.7	2.4	2.5
Chicago	3,211.9	3,194.5	3,210.5	2.3	2.1	2.1	132.8	124.1	128.3
Davenport-Rock Island-Moline	163.5	162.6	163.0	(¹)	(¹)	(¹)	6.0	5.7	6.1
Decatur	53.9	53.7	53.8	(¹)	(¹)	(¹)	3.0	2.9	3.0
Joliet	107.2	105.5	106.5	(¹)	(¹)	(¹)	8.1	7.7	8.0
Kankakee	36.4	36.2	36.4	(¹)	(¹)	(¹)	1.7	1.7	1.7
Lake County	222.4	219.4	223.7	(¹)	(¹)	(¹)	12.4	11.2	11.6
Peoria	150.8	148.3	149.4	(¹)	(¹)	(¹)	8.1	7.2	8.2
Rockford	139.4	136.5	137.7	(¹)	(¹)	(¹)	6.0	6.1	6.3
Springfield	105.8	105.7	105.6	(¹)	(¹)	(¹)	3.6	3.7	3.7
Indiana	2,545.3	2,511.5	2,537.3	8.2	7.2	7.4	121.3	113.7	118.8
Anderson	51.2	50.4	50.8	(¹)	(¹)	(¹)	1.4	1.3	1.4
Bloomington	55.5	57.3	57.0	(¹)	(¹)	(¹)	2.5	2.6	2.7
Elkhart-Goshen	104.1	101.1	103.5	(¹)	(¹)	(¹)	3.6	3.1	3.5
Evansville	136.2	138.1	138.4	2.1	1.7	1.8	7.5	6.3	6.6
Fort Wayne	205.3	202.8	205.0	(¹)	(¹)	(¹)	10.2	9.5	10.2
Gary-Hammond	248.7	245.9	248.3	(¹)	(¹)	(¹)	15.8	15.0	16.1
Indianapolis	874.7	675.6	684.7	.8	.8	.8	38.8	36.5	38.4
Kokomo	47.6	44.8	46.1	(¹)	(¹)	(¹)	1.5	1.3	1.5
Lafayette-West Lafayette	68.6	71.3	68.1	(¹)	(¹)	(¹)	2.8	2.5	2.7
Muncie	55.2	54.8	55.7	(¹)	(¹)	(¹)	2.2	2.2	2.3
South Bend-Mishawaka	120.4	120.1	121.3	(¹)	(¹)	(¹)	6.4	8.8	7.2
Terre Haute	58.0	58.8	58.5	.5	.5	.5	2.7	2.3	2.4
Iowa	1,236.2	1,236.2	1,244.3	2.2	2.0	2.1	46.2	43.7	47.2
Cedar Rapids	94.4	94.4	94.8	(¹)	(¹)	(¹)	4.7	4.6	4.7
Des Moines	233.0	233.2	234.1	(¹)	(¹)	(¹)	9.7	9.1	9.2
Dubuque	45.3	46.1	44.7	(¹)	(¹)	(¹)	1.7	1.8	1.8
Iowa City	57.1	56.6	56.9	(¹)	(¹)	(¹)	1.9	1.6	1.8
Sioux City	56.2	56.4	56.6	(¹)	(¹)	(¹)	2.4	2.6	2.8
Waterloo-Cedar Falls	70.6	72.0	72.1	(¹)	(¹)	(¹)	2.5	2.3	2.4
Kansas	1,093.0	1,100.5	1,098.0	10.0	10.2	10.0	41.9	41.6	42.8
Lawrence	37.7	38.4	38.1	(¹)	(¹)	(¹)	1.8	1.5	1.7
Topeka	92.8	91.2	90.2	(¹)	(¹)	(¹)	3.7	3.3	3.4
Wichita	242.0	246.6	247.2	1.9	2.0	1.9	9.8	10.4	10.7
Kentucky	1,481.2	1,483.9	1,494.9	36.1	34.8	34.8	67.0	66.0	67.4
Lexington-Fayette	202.4	199.9	200.1	.3	.2	.2	10.8	9.9	10.0
Louisville	481.1	485.6	490.6	.6	.6	.6	23.5	22.7	23.1
Owensboro	36.8	36.1	36.5	.5	.3	.4	2.2	2.0	2.1
Louisiana	1,600.8	1,620.1	1,622.6	55.1	56.0	55.8	92.4	95.7	96.6
Alexandria	46.5	46.9	46.9	.1	.1	.1	3.0	3.4	3.4
Baton Rouge	238.1	239.6	238.7	.9	.9	.9	27.7	27.1	27.3
Houma-Thibodaux	57.9	58.9	59.6	5.3	5.6	5.5	1.9	2.2	2.2
Lafayette	96.9	100.5	100.2	12.4	12.7	12.7	4.2	4.7	4.6
Lake Charles	68.2	69.2	69.0	1.3	1.3	1.3	7.0	8.0	7.6
Monroe	59.7	58.5	58.7	.4	.3	.3	2.7	2.6	2.6
New Orleans	536.0	542.5	544.1	13.7	14.3	14.2	23.2	24.3	23.8
Shreveport	134.0	133.4	134.1	3.0	3.1	3.1	6.0	6.0	6.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Georgia	562.7	537.4	539.7	196.5	191.4	191.6	742.7	728.4	732.4
Albany	8.2	8.2	8.3	2.9	2.8	2.8	12.0	11.9	12.0
Athens	15.5	14.7	14.8	2.0	1.9	1.9	15.5	14.8	14.8
Atlanta	175.4	167.2	167.8	127.2	123.3	123.6	402.1	394.4	396.1
Augusta	41.2	41.3	41.2	4.8	4.6	4.7	38.4	37.9	37.9
Columbus	20.9	20.4	20.5	3.4	3.1	3.1	20.6	19.0	19.1
Macon-Warner Robins	18.8	18.3	18.4	5.1	5.2	5.3	29.1	28.6	28.5
Savannah	17.2	16.5	16.3	9.3	9.4	9.3	27.1	26.4	26.4
Hawaii	20.7	20.3	20.2	41.7	42.4	42.4	134.6	134.4	134.6
Honolulu	15.7	15.2	15.1	33.9	34.5	34.4	101.8	101.1	101.5
Idaho	61.7	61.2	62.5	19.6	19.8	20.0	98.6	98.6	99.4
Boise City	15.8	16.1	16.2	5.8	5.9	5.9	26.5	26.9	27.2
Illinois	984.7	973.0	974.8	310.1	308.2	309.4	1,251.2	1,253.0	1,262.3
Aurora-Elgin	38.4	38.1	38.2	3.7	3.7	3.7	39.6	40.0	40.2
Bloomington-Normal	7.9	7.5	7.5	3.1	3.0	3.0	15.1	14.9	15.1
Champaign-Urbana-Rantoul	9.8	9.9	9.9	2.4	2.3	2.3	18.8	19.1	18.9
Chicago	561.9	554.7	555.0	208.1	208.5	208.9	755.6	756.7	761.6
Davenport-Rock Island-Moline	31.7	31.2	31.1	7.4	7.4	7.4	46.9	46.8	47.0
Decatur	14.6	14.5	14.3	4.2	4.4	4.4	11.5	11.5	11.5
Joliet	19.7	19.2	19.3	8.6	8.6	8.6	24.7	24.3	24.6
Kankakee	5.8	5.8	5.8	2.2	2.1	2.1	8.8	8.7	8.6
Lake County	48.0	47.8	48.5	6.0	5.8	5.9	59.0	58.2	58.7
Peoria	34.2	32.9	33.0	7.2	7.1	7.1	34.9	34.3	34.3
Rockford	48.4	47.2	47.3	5.0	4.9	4.9	30.1	29.5	29.7
Springfield	4.3	4.4	4.2	4.8	4.8	4.8	23.0	22.8	22.9
Indiana	637.8	619.1	622.5	132.8	133.6	134.9	603.6	590.1	598.2
Anderson	16.9	16.0	16.1	1.2	1.2	1.2	12.2	11.8	11.8
Bloomington	9.4	9.0	9.1	1.7	1.7	1.7	12.6	12.8	12.8
Elkhart-Goshen	52.3	50.0	50.7	3.3	3.3	3.3	19.4	18.2	19.1
Evansville	31.2	30.7	31.1	7.0	6.9	7.0	35.4	35.3	36.2
Fort Wayne	51.3	50.1	50.2	13.9	14.0	14.1	52.2	50.1	50.6
Gary-Hammond	57.0	55.3	55.0	16.7	16.5	16.6	59.1	58.0	58.9
Indianapolis	110.4	109.3	109.7	43.5	43.2	44.0	171.9	171.3	174.7
Kokomo	18.8	16.9	17.4	1.4	1.3	1.4	10.5	9.8	10.0
Lafayette-West Lafayette	13.8	13.7	13.7	2.0	2.0	2.0	14.6	14.2	14.1
Muncie	11.2	10.5	10.7	2.7	2.7	2.7	13.1	12.8	12.9
South Bend-Mishawaka	21.8	20.9	20.7	5.6	5.6	5.7	31.0	30.7	30.9
Terre Haute	10.6	10.8	11.0	2.8	2.7	2.8	15.9	16.0	16.1
Iowa	235.8	230.6	229.6	56.1	55.1	55.4	310.0	307.7	310.1
Cedar Rapids	21.9	21.3	21.2	6.1	6.0	6.0	22.2	22.3	22.5
Des Moines	26.4	26.0	26.0	12.7	12.0	12.0	59.7	58.7	59.2
Dubuque	12.6	12.5	11.1	1.7	1.7	1.7	10.7	10.4	10.4
Iowa City	4.6	4.5	4.6	1.5	1.4	1.5	10.7	11.0	10.9
Sioux City	10.9	10.8	10.7	3.1	3.2	3.2	14.3	14.0	14.1
Waterloo-Cedar Falls	16.2	16.7	16.7	1.8	1.8	1.9	16.9	17.0	17.2
Kansas	185.8	184.2	184.1	66.7	67.5	67.8	267.3	264.9	266.1
Lawrence	4.7	4.7	4.6	1.0	1.0	1.0	8.2	8.0	7.9
Topeka	9.6	9.8	9.5	7.1	6.8	6.8	20.6	19.0	19.0
Wichita	63.9	64.0	63.9	11.7	11.4	11.5	56.3	57.1	57.3
Kentucky	287.1	279.9	282.3	79.8	80.6	81.3	349.1	351.6	354.3
Lexington-Fayette	33.5	32.2	32.2	9.1	9.1	9.1	44.5	45.3	44.4
Louisville	88.9	87.9	88.2	31.0	30.7	31.0	118.7	121.6	123.2
Owensboro	6.8	6.5	6.5	2.2	2.3	2.3	9.4	9.3	9.4
Louisiana	182.4	184.3	183.7	110.4	110.5	111.1	369.7	375.0	376.0
Alexandria	3.4	3.3	3.2	2.4	2.3	2.3	10.5	10.3	10.4
Baton Rouge	22.5	23.2	23.2	11.1	11.3	11.3	53.1	54.1	54.1
Houma-Thibodaux	5.7	5.7	5.9	6.6	6.6	6.8	14.5	14.7	14.9
Lafayette	9.0	9.4	9.4	6.8	7.2	7.1	25.0	25.9	25.7
Lake Charles	11.8	11.2	10.8	4.1	4.4	4.5	15.7	15.5	15.8
Monroe	7.7	7.9	7.9	3.4	3.0	3.1	15.0	14.7	14.7
New Orleans	44.0	45.0	45.6	43.8	44.1	44.3	132.6	132.0	132.6
Shreveport	17.6	17.4	17.1	8.1	8.2	8.1	31.9	32.2	32.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Georgia	162.3	162.3	162.8	637.2	651.6	654.4	542.0	542.4	544.9
Albany	2.2	2.2	2.2	9.1	9.1	9.1	13.8	13.8	13.8
Athens	2.2	2.1	2.1	11.0	10.9	11.2	21.0	20.4	20.5
Atlanta	107.5	108.2	108.1	373.6	380.8	382.3	225.3	229.3	231.2
Augusta	6.2	5.9	6.0	36.7	36.8	36.9	36.7	36.7	36.8
Columbus	6.2	6.3	6.3	19.5	20.4	20.7	21.2	21.7	21.8
Macon-Warner Robins	7.7	8.2	8.3	27.0	27.2	27.0	36.1	35.4	35.5
Savannah	4.8	5.1	5.1	27.2	28.4	28.4	17.5	16.7	16.7
Hawaii	36.7	37.8	37.8	153.6	157.4	157.7	110.5	109.8	110.9
Honolulu	29.5	30.3	30.4	114.4	117.0	117.2	92.4	91.4	92.3
Idaho	19.7	20.0	20.4	80.3	85.3	85.4	83.6	86.3	86.5
Boise City	8.1	8.1	8.3	24.0	24.4	24.2	19.8	20.9	20.4
Illinois	375.6	372.8	373.7	1,339.8	1,359.8	1,364.7	782.5	772.7	770.6
Aurora-Elgin	8.3	8.4	8.5	33.9	34.2	34.4	17.0	16.7	16.9
Bloomington-Normal	11.2	11.3	11.3	14.4	14.5	14.5	13.3	13.4	13.5
Champaign-Urbana-Rantoul	3.2	3.2	3.3	18.2	18.6	18.7	36.2	37.1	36.8
Chicago	268.7	265.7	266.6	893.1	901.1	905.9	389.4	381.6	382.1
Davenport-Rock Island-Moline	7.6	7.8	7.8	37.0	37.0	37.1	26.9	26.7	26.5
Decatur	2.3	2.3	2.3	12.3	12.1	12.2	6.0	6.0	6.1
Joliet	3.7	3.7	3.8	24.2	24.1	24.2	18.2	17.9	18.0
Kankakee	2.0	1.8	1.9	9.2	9.5	9.5	6.7	6.6	6.6
Lake County	13.3	13.4	13.4	51.9	51.2	53.6	31.8	31.8	32.0
Peoria	7.6	7.7	7.7	41.3	41.9	41.8	17.5	17.2	17.3
Rockford	5.6	5.5	5.5	31.2	30.8	31.1	13.1	12.5	12.9
Springfield	8.1	8.1	8.1	27.1	27.0	26.9	34.9	34.9	35.0
Indiana	122.9	123.4	125.0	531.3	539.1	547.6	387.3	385.4	382.9
Anderson	1.6	1.6	1.7	11.1	11.6	11.4	6.9	6.9	7.2
Bloomington	1.8	1.9	1.9	9.9	10.9	11.1	17.6	18.4	17.7
Elkhart-Goshen	2.9	2.6	2.5	16.2	17.3	17.5	6.4	6.5	6.8
Evansville	5.3	5.5	5.5	34.3	35.8	36.4	13.4	13.9	13.9
Fort Wayne	12.8	13.0	13.1	45.2	46.4	46.9	19.7	19.7	20.0
Gary-Hammond	8.4	8.5	8.5	57.3	58.9	59.3	34.4	33.7	34.0
Indianapolis	49.6	51.6	52.2	159.1	161.6	162.8	100.6	101.2	102.1
Kokomo	1.5	1.3	1.4	7.5	7.6	7.7	6.3	6.6	6.8
Lafayette-West Lafayette	3.1	3.0	3.1	13.0	13.1	13.2	19.4	22.8	19.4
Muncie	1.7	1.7	1.7	11.9	12.3	12.4	12.4	12.6	13.0
South Bend-Mishawaka	6.3	6.3	6.5	37.0	37.6	38.0	12.3	12.2	12.4
Terre Haute	2.1	2.1	2.1	12.8	12.6	12.6	10.6	11.9	11.0
Iowa	69.3	70.3	70.6	290.1	299.0	300.1	226.5	227.8	229.2
Cedar Rapids	4.9	4.9	4.9	23.7	23.4	23.4	10.9	11.9	12.1
Des Moines	31.4	32.1	32.2	60.7	62.2	62.2	32.4	33.1	33.3
Dubuque	1.5	1.6	1.6	13.5	14.0	14.1	3.6	4.1	4.0
Iowa City	1.5	1.5	1.5	10.1	10.2	10.2	26.8	26.4	26.4
Sioux City	2.5	2.6	2.6	15.9	16.7	16.7	7.1	6.5	6.5
Waterloo-Cedar Falls	3.0	3.3	3.3	16.4	17.1	16.9	13.8	13.8	13.7
Kansas	58.3	58.5	58.6	242.0	247.5	248.0	221.0	226.1	220.6
Lawrence	1.6	1.6	1.6	8.0	8.5	8.6	12.4	13.1	12.7
Topeka	6.4	6.4	6.3	23.0	22.8	22.7	22.4	23.1	22.5
Wichita	11.2	11.6	11.5	58.0	60.1	60.3	29.2	30.0	30.1
Kentucky	61.4	61.5	61.6	330.1	338.8	341.4	270.6	270.7	271.8
Lexington-Fayette	9.5	9.6	9.6	50.3	49.8	50.5	44.4	43.8	44.1
Louisville	27.7	28.0	28.1	125.4	128.3	130.1	65.3	65.8	66.3
Owensboro	1.5	1.5	1.5	8.6	8.5	8.5	5.6	5.7	5.8
Louisiana	78.5	79.1	79.3	375.2	381.3	382.5	337.1	338.2	337.6
Alexandria	2.1	2.0	2.0	12.2	12.3	12.3	12.8	13.2	13.2
Baton Rouge	13.0	13.0	13.0	53.7	54.7	54.6	56.1	55.3	54.3
Houma-Thibodaux	2.1	2.1	2.1	10.6	11.0	11.0	11.2	11.0	11.2
Lafayette	3.3	3.4	3.4	22.4	23.2	23.2	13.8	14.0	14.1
Lake Charles	2.7	2.6	2.7	14.5	14.9	15.0	11.1	11.3	11.3
Monroe	4.3	4.4	4.5	13.4	13.5	13.6	12.8	12.1	12.0
New Orleans	31.8	31.3	31.4	155.3	160.4	161.0	91.6	91.1	91.2
Shreveport	6.4	6.5	6.6	33.8	33.2	34.4	27.2	26.8	26.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Maine	540.9	506.7	515.3	0.2	0.1	0.1	30.3	22.7	24.1
Lewiston-Auburn	40.3	38.0	38.4	([?])	([?])	([?])	2.0	1.7	1.7
Portland	130.9	122.5	124.2	([?])	([?])	([?])	6.8	5.0	5.4
Maryland	2,191.5	2,160.5	2,172.6	2.1	2.2	2.2	163.0	153.9	155.7
Baltimore MSA	1,165.7	1,145.4	1,147.9	.5	.5	.5	76.2	71.7	72.5
Baltimore City	476.2	466.5	467.0	([!])	([!])	([!])	19.1	17.7	18.1
Suburban Maryland-D.C.	779.3	774.6	778.9	([!])	([!])	([!])	70.2	64.6	65.7
Massachusetts	3,008.5	2,843.3	2,851.0	1.5	1.3	1.5	102.9	73.6	76.9
Boston	1,689.2	1,601.8	1,602.5	.6	.5	.6	52.8	40.3	40.9
Brockton	70.8	67.3	67.3	([?])	([?])	([?])	2.4	2.0	2.1
Fall River	52.8	50.7	51.1	([?])	([?])	([?])	1.9	1.4	1.6
Fitchburg-Leominster	39.6	36.5	36.5	([?])	([?])	([?])	1.6	1.1	1.3
Lawrence-Haverhill	156.2	147.3	147.9	([?])	([?])	([?])	5.7	4.4	4.5
Lowell	101.5	95.3	95.3	([!])	([!])	([!])	3.9	3.1	3.2
New Bedford	64.8	62.3	62.6	([?])	([?])	([?])	2.5	1.9	2.1
Pittsfield	42.6	40.6	41.1	.1	.1	.1	2.2	1.6	1.7
Springfield	235.7	228.1	228.3	.1	.2	.2	7.8	6.4	6.6
Worcester	193.9	181.4	182.1	.2	.2	.2	6.6	4.8	5.0
Michigan	3,991.9	3,845.6	3,903.4	10.1	9.5	9.5	143.8	119.6	129.9
Ann Arbor	180.3	179.9	179.9	([!])	([!])	([!])	5.2	3.7	3.9
Battle Creek	60.3	60.2	60.0	([!])	([!])	([!])	2.3	2.1	2.4
Benton Harbor	68.3	66.1	67.2	([!])	([!])	([!])	2.0	1.9	2.0
Detroit	1,957.5	1,883.4	1,912.9	1.1	1.2	1.1	64.4	55.4	60.1
Flint	174.8	167.9	174.0	([!])	([!])	([!])	5.2	4.4	4.9
Grand Rapids	358.8	356.3	359.5	([!])	([!])	([!])	17.2	14.6	15.4
Jackson	55.7	53.8	54.5	([!])	([!])	([!])	2.2	1.8	1.9
Kalamazoo	113.9	114.8	113.4	([!])	([!])	([!])	4.0	3.6	3.7
Lansing-East Lansing	221.4	218.7	218.8	([!])	([!])	([!])	6.7	5.6	6.2
Muskegon	60.1	58.5	59.3	([!])	([!])	([!])	2.8	2.3	2.3
Saginaw-Bay City-Midland	165.3	162.5	165.9	([!])	([!])	([!])	8.0	7.0	7.5
Minnesota	2,141.5	2,112.9	2,148.3	8.2	8.2	8.6	81.5	67.7	76.3
Duluth	98.4	97.7	98.8	5.2	5.4	5.4	3.5	3.0	3.4
Minneapolis-St. Paul	1,376.4	1,360.5	1,379.6	([?])	([?])	([?])	51.2	43.4	47.4
Rochester	66.0	66.5	67.2	([!])	([!])	([!])	2.2	2.0	2.3
St. Cloud	79.9	79.5	80.6	([!])	([!])	([!])	4.0	3.1	3.3
Mississippi	943.3	939.9	942.4	6.0	5.9	6.0	37.3	34.0	34.2
Jackson	187.5	186.6	187.3	.5	.5	.5	7.4	6.9	6.8
Missouri	2,363.2	2,323.0	2,337.5	5.2	4.9	4.9	100.2	96.5	99.5
Kansas City	784.5	784.5	787.3	([!])	([!])	([!])	32.4	33.0	33.5
St. Louis	1,191.7	1,173.4	1,181.1	([!])	([!])	([!])	57.5	51.6	53.2
Springfield	121.9	122.5	122.6	([!])	([!])	([!])	4.8	4.7	4.7
Montana	300.1	295.3	301.4	6.2	5.8	5.9	10.5	9.4	10.7
Nebraska	736.2	759.9	768.9	1.7	1.9	1.9	27.6	30.0	32.0
Lincoln	122.2	125.0	126.0	([!])	([!])	([!])	4.3	4.2	4.4
Omaha	329.9	342.7	346.0	([!])	([!])	([!])	12.8	13.4	14.3
Nevada	619.5	632.7	637.2	14.7	14.1	14.4	48.3	45.2	45.2
Las Vegas	373.1	386.2	388.1	.3	.3	.3	35.3	32.8	32.6
Reno	144.5	144.0	145.2	1.5	1.5	1.5	7.6	7.3	7.4
New Hampshire	511.2	480.9	485.1	.4	.3	.4	23.3	16.2	17.0
Manchester	82.0	78.1	78.2	([!])	([!])	([!])	3.6	2.0	2.2
Nashua	89.5	84.0	83.2	([!])	([!])	([!])	3.3	1.8	1.8
Portsmouth-Dover-Rochester	113.1	107.7	109.4	([!])	([!])	([!])	3.9	3.2	3.4
New Jersey	3,676.6	3,576.6	3,585.7	2.5	2.2	2.3	151.8	129.5	131.9
Atlantic City	177.7	166.1	171.3	([!])	([!])	([!])	8.8	6.7	7.0
Bergen-Passaic	654.1	630.5	630.4	([!])	([!])	([!])	28.2	22.6	23.6
Camden	452.3	442.5	444.5	([!])	([!])	([!])	24.1	22.1	22.6
Jersey City	248.6	238.3	239.3	([!])	([!])	([!])	6.6	5.3	5.0
Middlesex-Somerset-Hunterdon	548.4	543.4	543.6	.7	.6	.6	22.0	21.1	21.0
Monmouth-Ocean	336.5	324.3	329.9	([!])	([!])	([!])	16.8	13.9	14.0
Newark	938.1	924.8	921.5	.8	.6	.6	35.4	32.0	32.4
Trenton	199.0	195.5	195.4	([!])	([!])	([!])	4.6	4.2	4.3
Vineland-Millville-Bridgeton	60.1	59.0	58.8	.4	.4	.4	2.3	2.0	2.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Maine	101.9	94.5	94.9	22.1	21.5	21.4	133.9	121.9	127.0
Lewiston-Auburn	9.1	8.1	8.3	1.4	1.3	1.3	10.1	9.8	9.9
Portland	16.8	15.9	15.7	6.4	7.0	7.1	37.6	35.4	36.2
Maryland	207.0	199.0	198.7	102.2	101.8	101.6	533.2	522.0	528.1
Baltimore MSA	131.0	125.5	124.5	56.8	55.9	55.9	271.1	263.5	266.5
Baltimore City	44.7	43.9	43.6	28.6	28.1	28.3	88.7	85.9	86.7
Suburban Maryland-D.C.	36.8	35.6	35.4	32.5	33.9	33.9	197.2	196.3	197.2
Massachusetts	523.0	490.5	489.9	131.0	122.5	123.2	699.6	651.6	655.8
Boston	242.5	227.0	226.6	75.4	72.0	72.3	369.1	346.3	347.0
Brockton	9.2	8.2	8.2	4.6	4.3	4.3	22.5	21.3	21.3
Fall River	13.7	13.3	13.2	2.0	1.9	1.9	13.6	12.9	13.0
Fitchburg-Leominster	11.2	10.7	10.4	1.4	1.3	1.4	10.1	9.1	9.1
Lawrence-Haverhill	44.5	42.1	42.0	6.5	6.0	6.1	35.9	33.7	34.0
Lowell	31.5	29.5	29.1	5.1	5.0	5.1	22.3	20.8	20.8
New Bedford	16.1	15.3	15.3	2.8	2.6	2.6	16.5	15.9	16.1
Pittsfield	9.5	9.0	8.9	1.3	1.2	1.3	9.7	9.2	9.3
Springfield	45.8	43.9	43.7	10.3	9.8	10.0	54.0	51.2	51.4
Worcester	40.3	37.6	37.9	9.2	8.5	8.4	47.2	42.9	43.2
Michigan	952.4	874.9	894.6	157.7	151.4	154.2	948.4	912.9	930.7
Ann Arbor	39.3	34.2	36.1	5.1	5.4	5.6	32.2	31.2	31.6
Battle Creek	16.1	15.2	15.4	1.7	1.5	1.5	12.6	12.7	12.8
Benton Harbor	22.1	20.5	20.6	2.7	2.7	2.7	14.5	13.4	13.7
Detroit	447.3	413.7	424.6	90.4	88.0	89.4	476.0	453.7	459.9
Flint	53.5	46.4	49.8	4.4	4.4	4.6	43.8	43.4	44.5
Grand Rapids	101.5	99.4	100.1	12.4	11.9	12.0	96.4	95.8	97.0
Jackson	13.1	12.0	12.1	3.9	3.8	3.8	13.4	13.3	13.4
Kalamazoo	29.5	28.0	28.3	3.3	3.4	3.4	26.3	26.2	26.1
Lansing-East Lansing	32.7	30.8	28.0	5.7	5.8	6.0	48.0	47.2	48.2
Muskegon	16.6	16.3	16.0	2.2	2.2	2.2	14.3	14.0	14.4
Saginaw-Bay City-Midland	44.0	41.7	42.9	6.3	6.3	6.4	39.9	41.2	41.9
Minnesota	395.8	385.7	389.4	109.5	107.9	109.2	518.2	506.7	516.2
Duluth	8.5	8.9	9.0	6.1	5.8	5.9	24.7	23.7	23.9
Minneapolis-St. Paul	260.8	252.4	254.5	76.9	75.3	76.2	329.3	321.4	326.2
Rochester	12.0	11.8	11.8	1.9	1.9	1.9	13.3	13.2	13.4
St. Cloud	14.5	14.7	14.7	4.0	4.0	4.1	22.7	23.1	23.3
Mississippi	246.4	240.9	241.6	45.2	45.3	45.2	198.2	200.7	201.7
Jackson	22.0	20.7	20.9	12.9	12.9	13.0	43.6	44.2	44.3
Missouri	440.9	414.9	418.8	153.7	152.7	153.0	562.5	549.2	553.6
Kansas City	110.4	105.7	107.3	63.2	63.6	63.6	198.6	195.7	197.3
St. Louis	225.6	210.5	213.9	78.9	77.6	77.5	282.0	276.8	278.0
Springfield	21.8	21.2	21.2	7.6	7.4	7.5	34.1	34.5	34.6
Montana	21.8	20.7	22.1	20.1	20.0	20.4	78.4	77.7	79.6
Nebraska	97.0	100.8	100.9	45.8	45.7	46.0	187.1	190.5	192.2
Lincoln	14.8	15.0	14.9	6.8	7.0	7.0	26.2	26.5	26.2
Omaha	36.2	38.8	38.8	23.6	23.4	23.5	81.9	83.6	84.1
Nevada	26.4	26.6	26.7	32.2	33.8	33.9	123.2	127.9	129.1
Las Vegas	10.9	10.4	10.5	19.3	20.5	20.4	75.2	77.9	78.4
Reno	8.8	8.8	8.9	9.8	9.8	10.0	33.0	33.5	33.7
New Hampshire	106.7	99.7	99.4	17.8	16.9	17.1	128.9	117.4	119.2
Manchester	11.3	10.7	10.8	4.7	4.6	4.6	21.4	20.4	20.1
Nashua	31.0	29.0	28.6	2.4	2.1	2.1	21.8	19.2	19.3
Portsmouth-Dover-Rochester	20.8	19.9	19.9	3.1	2.8	2.8	28.4	26.4	27.6
New Jersey	601.6	562.2	559.2	237.5	235.1	234.1	870.5	841.5	848.0
Atlantic City	7.7	6.8	6.9	7.2	7.1	7.2	37.0	33.5	36.1
Bergen-Passaic	137.0	127.1	126.9	31.0	29.2	29.2	184.3	178.3	178.2
Camden	67.9	63.7	63.7	19.4	19.2	19.2	120.0	116.7	117.1
Jersey City	39.5	35.3	35.7	31.1	28.4	28.6	62.7	61.3	61.6
Middlesex-Somerset-Hunterdon	107.6	103.2	103.5	42.2	42.7	42.5	133.9	128.8	129.0
Monmouth-Ocean	25.9	23.5	23.6	15.0	15.5	15.4	89.2	87.0	88.6
Newark	156.8	150.4	148.5	77.2	76.9	76.1	187.1	181.0	181.6
Trenton	27.1	25.0	25.2	7.3	7.3	7.1	31.3	30.4	30.4
Vineland-Millville-Bridgeton	15.5	15.0	14.2	2.5	2.4	2.4	11.3	10.7	10.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Maine	25.1	24.7	25.1	128.1	125.9	127.7	99.3	95.4	95.0
Lewiston-Auburn	2.3	2.1	2.2	11.0	10.7	10.7	4.4	4.3	4.3
Portland	12.0	12.3	12.4	34.3	31.2	31.5	17.0	15.7	15.9
Maryland	132.2	130.2	131.1	623.1	625.0	626.8	428.7	426.4	428.4
Baltimore MSA	76.3	75.0	75.2	390.4	393.4	392.7	223.4	219.9	220.1
Baltimore City	45.3	44.1	44.1	155.7	155.1	154.5	94.1	91.7	91.7
Suburban Maryland-D.C.	46.5	45.6	45.8	234.3	234.7	235.0	161.8	163.9	165.9
Massachusetts	215.6	208.7	207.6	923.5	907.0	907.0	411.4	388.1	389.1
Boston	147.4	139.4	138.7	595.9	581.3	581.2	205.5	195.0	195.2
Brockton	3.3	3.1	3.1	16.3	16.7	16.7	12.5	11.7	11.6
Fall River	3.4	3.2	3.2	11.0	11.1	11.2	7.2	6.9	7.0
Fitchburg-Leominster	1.4	1.4	1.4	8.9	8.4	8.4	5.0	4.5	4.5
Lawrence-Haverhill	8.0	5.6	5.8	36.3	35.3	35.7	21.3	20.2	20.0
Lowell	3.5	3.1	3.0	21.5	20.4	20.7	13.7	13.4	13.4
New Bedford	2.4	2.4	2.4	14.5	14.8	14.7	10.0	9.4	9.4
Pittsfield	1.9	1.9	1.9	12.6	12.7	12.9	5.3	4.9	5.0
Springfield	15.6	14.6	14.6	62.6	64.1	64.0	39.5	37.9	37.8
Worcester	14.2	13.9	13.8	51.4	49.9	49.7	24.8	23.6	23.9
Michigan	190.7	191.1	193.0	940.1	943.6	951.1	648.7	642.8	640.4
Ann Arbor	5.0	4.6	4.8	39.8	40.8	41.2	53.7	60.0	56.7
Battle Creek	3.3	3.5	3.5	12.3	13.2	12.7	12.0	11.8	11.7
Benton Harbor	2.6	2.6	2.7	15.2	16.0	16.2	9.2	9.0	9.2
Detroit	112.0	113.5	114.8	522.7	520.2	524.1	243.6	237.7	238.9
Flint	6.4	6.4	6.5	37.1	39.0	39.6	24.3	23.9	24.1
Grand Rapids	16.0	16.2	16.4	81.0	83.5	83.7	34.3	35.0	34.8
Jackson	1.8	1.7	1.8	10.7	11.0	11.2	10.6	10.0	10.2
Kalamazoo	5.4	5.7	5.7	28.8	29.1	29.4	16.7	18.9	16.7
Lansing-East Lansing	12.8	13.2	13.3	43.8	44.9	45.1	71.7	71.3	72.1
Muskegon	1.5	1.5	1.5	12.8	12.8	13.2	9.9	9.5	9.8
Saginaw-Bay City-Midland	6.0	6.5	6.6	39.1	38.5	39.2	21.9	21.4	21.4
Minnesota	123.7	125.0	125.6	553.5	563.4	570.3	351.1	348.3	352.7
Duluth	3.2	3.3	3.3	24.4	25.0	25.0	22.8	22.6	22.9
Minneapolis-St. Paul	96.4	97.6	98.0	369.1	378.2	382.5	192.0	191.7	194.3
Rochester	1.8	1.8	1.8	27.6	28.8	29.0	7.2	7.0	7.0
St. Cloud	2.4	2.5	2.5	18.4	18.4	18.7	13.9	13.7	14.0
Mississippi	38.8	38.9	38.9	161.3	165.7	166.5	210.1	208.5	208.4
Jackson	14.4	14.2	14.1	43.8	44.7	45.2	42.8	42.5	42.5
Missouri	138.6	138.5	138.8	579.3	585.6	588.9	382.8	380.7	380.0
Kansas City	59.5	59.4	59.6	197.0	200.9	200.8	123.4	126.2	125.2
St. Louis	76.6	75.9	75.9	322.1	332.0	333.5	149.0	149.0	149.1
Springfield	5.3	5.3	5.3	32.2	33.5	33.3	16.1	15.9	16.0
Montana	13.4	13.4	13.4	75.2	76.1	76.6	74.5	72.2	72.7
Nebraska	48.3	49.5	49.7	177.9	191.0	192.3	150.8	150.5	153.9
Lincoln	8.4	8.6	8.5	28.1	29.7	29.8	33.6	34.0	35.2
Omaha	28.7	29.1	29.2	98.0	104.8	105.7	48.7	49.6	50.4
Nevada	28.3	28.8	28.9	270.0	273.1	275.2	76.4	83.2	83.8
Las Vegas	18.3	18.9	19.1	174.9	182.1	183.2	38.9	43.3	43.6
Reno	7.3	7.3	7.3	57.7	56.1	56.5	18.8	19.7	19.9
New Hampshire	31.9	30.5	30.7	126.6	124.1	125.7	75.6	75.8	75.6
Manchester	8.5	8.3	8.3	23.7	23.1	23.2	8.8	9.0	9.0
Nashua	3.5	3.3	3.3	19.7	20.8	20.3	7.8	7.8	7.8
Portsmouth-Dover-Rochester	7.2	7.0	7.1	23.1	22.1	22.4	26.6	26.3	26.2
New Jersey	240.5	233.2	233.4	990.2	995.8	1,001.8	582.0	577.1	575.0
Atlantic City	6.8	6.4	6.5	82.4	78.2	80.1	27.8	27.4	27.5
Bergen-Passaic	37.9	35.8	35.8	164.5	166.8	166.4	71.2	70.7	70.3
Camden	24.6	24.4	24.4	118.1	118.1	119.0	78.2	78.3	78.5
Jersey City	16.5	16.3	16.5	50.2	50.4	50.8	42.0	41.3	41.1
Middlesex-Somerset-Hunterdon	42.4	41.9	41.9	121.7	126.3	126.4	77.9	78.8	78.7
Monmouth-Ocean	19.6	18.7	18.8	101.1	99.9	103.0	68.9	65.8	66.5
Newark	75.6	73.5	73.3	267.6	272.7	272.7	137.6	137.7	136.3
Trenton	11.1	11.1	11.2	60.6	61.2	60.9	57.0	56.3	56.3
Vineland-Millville-Bridgeton	4.3	4.4	4.4	11.0	11.3	11.5	12.8	12.8	12.9

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
New Mexico	579.0	579.5	584.1	15.3	15.8	16.0	29.3	29.2	29.9
Albuquerque	248.4	246.5	248.5	(¹)	(¹)	(¹)	13.3	12.3	12.7
Las Cruces	44.7	45.0	44.7	(¹)	(¹)	(¹)	2.3	2.1	2.1
Santa Fe	60.3	60.8	61.2	(¹)	(¹)	(¹)	3.2	2.9	3.0
New York	8,290.8	8,059.1	8,103.6	5.6	5.1	5.2	325.0	277.8	292.6
Albany-Schenectady-Troy	438.1	431.3	432.3	.4	.3	.3	20.5	16.9	17.5
Binghamton	120.2	115.9	116.5	(¹)	(¹)	(¹)	5.1	4.1	4.3
Buffalo	465.9	457.7	462.3	(¹)	(¹)	(¹)	19.2	17.3	18.7
Elmira	41.9	39.3	39.7	(¹)	(¹)	(¹)	1.6	1.3	1.4
Glens Falls	47.7	45.1	46.3	(¹)	(¹)	(¹)	2.4	2.0	2.2
Nassau-Suffolk	1,137.0	1,102.1	1,108.9	(¹)	(¹)	(¹)	55.5	49.5	49.6
New York PMSA	4,132.8	4,020.1	4,024.3	(¹)	(¹)	(¹)	144.6	124.1	125.7
New York City	3,600.3	3,503.6	3,504.2	.3	.2	.2	114.5	99.7	100.2
Niagara Falls	87.1	83.8	85.4	(¹)	(¹)	(¹)	4.1	3.5	4.0
Orange County	108.0	104.2	105.6	(¹)	(¹)	(¹)	4.6	3.8	3.9
Poughkeepsie	122.1	120.4	120.7	(¹)	(¹)	(¹)	6.2	5.4	5.5
Rochester	495.6	487.6	492.2	.7	.7	.7	19.5	17.4	18.4
Rockland County	103.0	99.6	100.1	(¹)	(¹)	(¹)	4.6	3.7	3.7
Syracuse	318.4	312.6	314.1	(¹)	(¹)	(¹)	16.1	12.3	13.7
Utica-Rome	130.2	124.3	124.7	(¹)	(¹)	(¹)	4.5	3.4	4.0
Westchester County	410.5	397.9	401.0	(¹)	(¹)	(¹)	23.7	19.0	20.1
North Carolina	3,144.3	3,105.4	3,109.3	5.3	5.1	5.2	165.9	157.4	158.4
Asheville	88.3	87.6	87.9	(¹)	(¹)	(¹)	4.5	4.5	4.5
Charlotte-Gastonia-Rock Hill	630.6	628.5	629.0	(¹)	(¹)	(¹)	37.3	36.8	36.5
Greensboro-Winston-Salem-High Point	499.7	491.8	491.8	(¹)	(¹)	(¹)	25.3	23.2	23.7
Raleigh-Durham	430.4	433.2	430.2	(¹)	(¹)	(¹)	22.2	21.5	21.4
North Dakota	269.4	268.2	272.4	4.3	4.4	4.6	11.0	8.6	10.9
Bismarck	40.9	40.9	41.7	(¹)	(¹)	(¹)	2.7	1.8	2.4
Fargo-Moorhead	78.7	79.5	80.6	(¹)	(¹)	(¹)	3.9	3.2	3.8
Grand Forks	31.9	32.3	32.5	(¹)	(¹)	(¹)	1.2	.9	1.1
Ohio	4,925.3	4,889.7	4,943.7	17.6	16.9	17.0	199.1	190.0	200.7
Akron	289.0	288.1	291.7	.6	.6	.6	10.8	10.0	10.6
Canton	167.1	164.9	167.0	.8	.8	.8	7.9	7.4	7.7
Cincinnati	746.6	751.3	758.4	.4	.4	.4	34.5	32.6	33.9
Cleveland	953.2	943.6	953.1	.8	.8	.5	34.7	32.8	35.1
Columbus	723.3	727.5	734.2	.9	.9	.9	29.5	28.3	29.5
Dayton-Springfield	453.9	449.7	451.8	.4	.4	.4	16.4	15.1	15.8
Toledo	294.0	285.7	288.5	.2	.2	.2	12.1	11.1	11.6
Youngstown-Warren	201.3	196.4	199.8	.4	.3	.4	8.3	7.2	7.7
Oklahoma	1,193.7	1,193.5	1,196.6	43.4	43.6	42.9	37.3	34.4	34.6
Enid	21.4	21.6	21.3	.8	.8	.9	.7	.6	.6
Lawton	35.0	34.8	35.6	.2	.3	.3	.9	1.0	1.0
Oklahoma City	432.0	428.3	429.8	10.5	9.7	9.4	11.9	11.3	11.4
Tulsa	318.8	318.7	320.3	11.9	12.0	12.2	11.5	11.1	11.1
Oregon	1,253.3	1,248.9	1,259.8	1.6	1.6	1.7	52.6	50.5	53.6
Eugene-Springfield	120.0	116.2	117.4	.2	.2	.2	3.9	3.7	3.9
Medford	54.6	53.3	53.2	.1	.1	.1	2.0	1.8	1.9
Portland	637.4	640.1	645.1	.5	.5	.6	29.8	27.6	29.3
Salem	107.7	107.9	108.4	.1	.1	.1	4.6	4.2	4.5
Pennsylvania	5,201.3	5,138.5	5,150.6	27.7	26.3	26.5	231.8	213.3	222.5
Allentown-Bethlehem	288.0	288.8	291.4	.6	.5	.5	13.2	12.3	12.9
Altoona	54.3	54.0	54.5	(¹)	(¹)	(¹)	2.5	2.3	2.5
Beaver County	51.2	50.1	50.8	(¹)	(¹)	(¹)	2.5	2.2	2.4
Erie	121.0	120.0	119.7	(¹)	(¹)	(¹)	3.9	3.6	3.8
Harrisburg-Lebanon-Carlisle	316.1	312.3	314.5	.4	.4	.4	14.1	13.3	13.5
Johnstown	83.1	82.3	83.0	2.8	2.5	2.5	3.2	3.0	3.3
Lancaster	195.9	191.7	192.6	.4	.4	.4	12.4	11.8	12.0
Philadelphia PMSA	2,225.4	2,204.7	2,201.5	1.1	1.0	1.0	101.0	95.9	97.1
Philadelphia City	753.6	733.3	731.8	(¹)	(¹)	(¹)	16.6	13.3	14.3
Pittsburgh	922.7	914.4	918.2	4.6	4.1	4.1	44.5	41.3	43.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
New Mexico	43.0	42.6	42.8	28.9	28.7	28.7	136.5	136.5	138.2
Albuquerque	21.3	20.6	20.6	12.7	12.8	12.9	61.2	60.2	61.1
Las Cruces	3.6	3.5	3.4	1.6	1.6	1.8	9.1	9.2	9.2
Santa Fe	1.9	1.9	1.9	1.0	1.0	1.0	11.8	12.0	12.3
New York	1,140.4	1,081.9	1,081.8	430.4	426.8	429.3	1,693.5	1,622.2	1,638.8
Albany-Schenectady-Troy	46.3	46.1	46.5	17.2	16.9	17.1	91.9	90.2	90.8
Binghamton	33.9	32.7	32.5	4.4	4.2	4.2	25.3	24.8	24.9
Buffalo	75.2	72.0	72.2	23.3	23.4	23.5	115.5	113.9	115.4
Elmira	8.9	8.1	8.1	1.5	1.4	1.4	10.4	9.9	9.9
Glens Falls	10.3	9.8	9.7	1.6	1.5	1.6	10.8	10.1	10.5
Nassau-Suffolk	151.7	139.2	138.3	50.5	50.5	51.0	290.7	276.3	280.0
New York PMSA	415.6	392.2	392.9	253.8	248.9	249.2	729.0	696.2	699.6
New York City	341.5	321.6	322.5	226.7	221.7	221.7	611.0	582.7	585.1
Niagara Falls	23.5	21.9	21.7	4.3	4.0	4.3	21.0	20.7	21.0
Orange County	14.2	13.0	13.0	6.6	6.6	6.6	28.8	27.3	27.8
Poughkeepsie	29.7	29.6	29.6	3.8	3.6	3.6	22.3	21.2	21.6
Rochester	133.4	131.2	131.8	15.4	15.3	15.4	105.4	101.6	103.4
Rockland County	15.2	14.7	14.6	5.3	5.2	5.2	22.9	22.1	22.4
Syracuse	52.4	49.4	49.4	19.6	18.9	18.8	76.1	76.6	77.3
Utica-Rome	24.1	21.7	21.5	4.5	4.4	4.2	27.9	27.0	27.5
Westchester County	56.8	53.8	53.6	21.0	21.4	21.5	90.8	87.0	87.7
North Carolina	864.0	829.5	830.3	151.1	152.9	153.1	718.5	705.9	710.0
Asheville	20.3	20.0	20.0	4.2	4.0	4.1	21.6	21.5	21.5
Charlotte-Gastonia-Rock Hill	154.8	147.7	147.7	51.2	50.9	51.1	153.8	151.4	151.8
Greensboro-Winston-Salem-High Point	149.4	144.3	143.8	26.5	25.3	25.4	114.0	112.1	112.6
Raleigh-Durham	63.3	63.2	63.3	21.3	21.4	21.5	90.0	89.2	89.6
North Dakota	17.0	17.5	17.5	17.1	17.0	17.0	70.8	71.2	72.2
Bismarck	2.2	2.3	2.4	2.8	2.9	2.9	10.4	10.3	10.5
Fargo-Moorhead	5.6	5.5	5.4	4.7	4.6	4.8	22.6	23.1	23.5
Grand Forks	1.6	1.8	1.7	1.7	1.7	1.7	9.1	9.3	9.3
Ohio	1,117.2	1,074.8	1,078.1	219.6	219.3	221.2	1,172.9	1,163.1	1,178.3
Akron	66.9	66.2	66.3	13.8	13.8	13.9	69.2	68.0	68.8
Canton	44.7	43.1	43.6	5.7	5.7	5.8	41.5	40.7	41.3
Cincinnati	147.3	144.7	145.7	41.0	41.8	42.1	188.6	189.2	190.6
Cleveland	207.0	201.9	201.7	43.3	42.5	43.2	227.0	225.4	228.0
Columbus	104.3	103.7	104.1	30.7	30.5	30.7	182.4	181.7	183.8
Dayton-Springfield	103.3	97.4	97.4	18.2	18.6	18.8	102.3	102.1	103.4
Toledo	60.0	53.1	53.3	14.7	14.5	14.7	72.2	70.5	71.4
Youngstown-Warren	49.8	47.6	48.0	7.4	7.0	7.0	53.5	52.9	53.6
Oklahoma	166.4	166.7	166.5	67.3	67.2	67.4	277.7	275.4	277.4
Enid	1.6	1.5	1.5	2.1	2.1	2.1	8.2	6.2	6.1
Lawton	3.5	3.5	3.5	1.7	1.7	1.7	8.7	8.8	9.2
Oklahoma City	48.4	47.9	47.9	21.1	20.8	20.6	102.9	102.0	102.2
Tulsa	56.2	56.3	56.5	25.7	25.8	25.9	74.1	73.7	74.3
Oregon	217.8	204.1	205.1	64.0	64.0	64.3	310.0	312.4	314.8
Eugene-Springfield	20.8	18.3	18.6	4.4	4.4	4.4	30.4	29.4	29.6
Medford	9.1	7.4	7.3	3.0	2.8	2.8	15.5	16.1	16.0
Portland	103.8	101.9	102.0	37.5	37.7	38.0	162.6	164.0	165.9
Salem	14.4	13.9	13.9	3.0	2.9	2.9	23.6	23.8	24.0
Pennsylvania	1,018.7	971.5	970.4	267.0	267.4	269.4	1,177.2	1,166.4	1,171.7
Allentown-Bethlehem	73.4	73.8	73.8	14.8	14.6	14.8	62.9	63.6	63.9
Altoona	10.8	10.6	10.7	4.7	4.7	4.7	14.3	14.2	14.3
Beaver County	9.5	8.9	9.0	5.3	4.9	4.9	11.7	11.8	12.0
Erie	36.2	35.4	35.7	4.4	4.3	4.4	26.2	25.6	25.9
Harrisburg-Lebanon-Carlisle	49.8	48.8	46.9	20.0	20.8	20.7	69.9	68.4	68.3
Johnstown	14.3	14.6	14.6	5.6	5.4	5.4	18.3	18.1	18.4
Lancaster	57.9	55.3	55.3	7.7	7.7	7.7	49.0	46.7	47.6
Philadelphia PMSA	350.6	332.3	330.6	100.7	100.0	100.0	506.2	498.4	498.3
Philadelphia City	83.1	77.1	77.2	40.7	39.6	39.6	138.1	127.7	128.4
Pittsburgh	118.9	115.6	115.3	54.3	54.2	55.3	224.9	220.9	220.6

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
New Mexico	26.2	25.8	25.9	145.5	148.3	149.1	154.3	152.6	153.5
Albuquerque	14.0	13.8	13.8	75.3	76.4	77.0	50.6	50.4	50.4
Las Cruces	1.6	1.6	1.6	7.7	8.2	8.2	18.8	18.8	18.6
Santa Fe	2.3	2.3	2.3	15.9	16.3	16.2	24.2	24.4	24.5
New York	780.0	755.7	756.9	2,404.1	2,419.9	2,425.3	1,511.8	1,469.7	1,473.7
Albany-Schenectady-Troy	24.9	25.4	25.4	117.3	121.0	120.4	119.6	114.5	114.3
Binghamton	4.2	4.0	4.0	25.1	24.9	25.0	22.2	21.3	21.5
Buffalo	27.5	27.6	27.8	127.5	127.8	128.3	77.7	75.6	76.3
Elmira	1.5	1.4	1.5	10.5	10.3	10.4	7.6	7.0	7.1
Glens Falls	1.7	1.6	1.6	11.0	10.7	11.3	9.8	9.5	9.5
Nassau-Suffolk	81.3	81.2	81.4	316.2	317.3	321.3	191.1	188.1	187.3
New York PMSA	554.7	532.5	532.5	1,328.3	1,337.7	1,335.5	707.0	688.5	689.0
New York City	516.6	496.8	496.6	1,166.4	1,175.5	1,172.2	621.3	605.4	605.7
Niagara Falls	2.0	2.0	2.1	18.7	18.9	19.2	13.5	12.8	13.2
Orange County	4.9	5.0	5.0	24.0	24.7	24.9	24.9	23.9	24.4
Poughkeepsie	4.7	4.7	4.8	29.7	31.1	30.8	25.6	24.8	24.8
Rochester	23.4	22.8	22.9	126.8	128.8	129.8	71.1	70.0	69.9
Rockland County	5.3	5.3	5.3	27.3	27.6	27.6	22.5	21.1	21.2
Syracuse	20.5	21.0	21.2	79.0	80.6	80.2	54.9	53.7	53.6
Utica-Rome	7.4	7.6	7.8	29.1	29.2	29.0	32.7	30.9	30.7
Westchester County	29.8	29.6	29.7	129.3	129.4	130.4	59.1	57.8	58.0
North Carolina	134.1	134.2	134.5	595.3	608.5	609.2	510.1	511.9	508.6
Asheville	3.0	2.8	2.8	21.3	21.7	21.9	13.4	13.1	13.1
Charlotte-Gastonia-Rock Hill	36.2	37.8	37.9	123.1	128.9	129.9	72.6	75.0	74.1
Greensboro-Winston-Salem-High Point	24.2	23.9	23.7	102.6	105.7	105.9	57.7	57.3	56.7
Raleigh-Durham	24.2	24.0	24.0	114.4	117.4	116.1	95.0	96.5	94.3
North Dakota	12.5	12.5	12.6	68.7	70.3	70.4	68.0	66.7	67.2
Bismarck	1.5	1.5	1.5	12.3	12.9	12.8	9.0	9.2	9.2
Fargo-Moorhead	4.6	4.7	4.7	21.9	22.8	22.9	15.4	15.4	15.5
Grand Forks	1.1	1.1	1.1	7.1	7.6	7.6	10.1	9.9	10.0
Ohio	254.2	254.9	256.6	1,194.3	1,228.3	1,242.2	750.3	742.3	749.4
Akron	10.9	10.7	10.9	69.4	71.4	72.8	47.4	47.4	47.8
Canton	6.8	6.6	6.6	39.8	41.2	41.4	20.1	19.4	19.7
Cincinnati	43.6	44.2	44.2	193.7	200.4	202.9	97.4	98.1	98.6
Cleveland	57.8	57.8	58.3	259.8	262.0	265.6	122.8	120.3	120.6
Columbus	60.6	60.8	61.0	181.7	189.7	191.3	133.2	132.1	132.9
Dayton-Springfield	17.3	17.6	17.7	116.9	120.6	120.2	79.1	77.8	77.9
Toledo	12.1	12.0	12.2	76.3	78.9	79.4	46.4	45.5	45.7
Youngstown-Warren	8.4	8.3	8.4	48.0	48.5	49.2	25.6	24.5	25.5
Oklahoma	59.5	57.5	58.1	271.9	278.9	279.8	270.2	269.8	269.9
Enid .....	.9	.9	.9	5.1	5.5	5.2	4.0	4.0	4.0
Lawton	1.8	1.6	1.6	6.2	6.1	6.2	12.0	11.8	12.1
Oklahoma City	24.5	24.3	24.6	107.4	108.0	110.1	105.3	104.3	103.6
Tulsa	17.3	17.5	17.5	82.5	83.5	83.3	39.6	38.8	39.5
Oregon	79.2	81.2	81.9	295.8	303.8	305.0	232.3	231.3	233.4
Eugene-Springfield	5.7	5.7	5.7	29.1	29.0	29.2	25.5	25.5	25.8
Medford	2.6	2.5	2.5	12.4	12.8	12.8	9.9	9.8	9.8
Portland	51.1	51.9	52.3	165.0	169.3	169.1	87.1	87.2	87.9
Salem	5.9	6.0	6.0	23.4	24.3	24.3	32.7	32.7	32.7
Pennsylvania	299.8	299.1	300.6	1,449.8	1,476.9	1,478.5	729.3	717.6	711.0
Allentown-Bethlehem	14.6	14.8	15.0	75.8	77.2	77.9	32.7	32.0	32.8
Altoona	2.2	2.2	2.3	12.2	12.5	12.6	7.6	7.5	7.4
Beaver County	1.8	1.6	1.6	12.5	12.7	12.9	8.1	8.0	8.0
Erie	5.5	5.6	5.6	30.2	31.1	30.6	14.6	14.4	13.7
Harrisburg-Lebanon-Carlisle	20.9	21.9	22.1	71.5	72.3	74.0	69.5	68.6	68.6
Johnstown	4.6	4.6	4.6	21.0	21.1	21.2	13.3	13.0	13.0
Lancaster	7.7	7.9	8.0	42.7	44.1	44.2	18.1	17.8	17.4
Philadelphia PMSA	162.7	159.9	160.3	691.6	710.8	708.4	311.5	306.4	305.8
Philadelphia City	65.5	62.8	62.7	264.5	271.8	269.1	145.1	140.8	140.3
Pittsburgh	55.4	55.6	55.9	311.0	314.0	316.3	109.1	108.7	107.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Pennsylvania-Continued									
Reading	155.7	151.7	152.7	(¹)	(¹)	(¹)	7.3	7.0	7.1
Scranton-Wilkes-Barre	309.5	305.7	306.0	0.6	0.6	0.6	14.2	12.4	13.3
Sharon	44.7	44.1	44.3	(¹)	(¹)	(¹)	1.5	1.4	1.4
State College	61.4	62.2	62.1	.4	.4	.4	2.9	2.2	2.5
Williamsport	51.4	50.8	50.9	(¹)	(¹)	(¹)	2.8	2.7	2.9
York	182.1	180.8	182.0	.5	.5	.5	10.2	9.6	9.8
Rhode Island	455.9	436.8	438.1	.2	.2	.2	19.1	14.4	14.7
Pawtucket-Woonsocket-Attleboro	128.8	120.7	121.6	.2	.2	.2	4.7	3.1	3.4
Providence	323.4	311.8	312.9	.1	.1	.1	14.2	11.3	11.3
South Carolina	1,562.8	1,560.2	1,566.9	2.1	2.0	2.0	102.5	96.6	96.6
Charleston	210.3	215.2	216.6	(¹)	(¹)	(¹)	16.5	15.9	16.1
Columbia	248.7	252.4	253.5	(¹)	(¹)	(¹)	14.7	14.0	13.7
Greenville-Spartanburg	339.4	338.7	339.9	(¹)	(¹)	(¹)	26.3	25.2	25.6
South Dakota	291.2	293.8	298.9	2.6	2.5	2.6	11.9	11.3	12.4
Rapid City	38.6	38.2	39.6	.2	.2	.2	2.2	2.5	2.6
Sioux Falls	75.3	77.4	77.9	(¹)	(¹)	(¹)	3.7	3.5	4.0
Tennessee	2,210.5	2,176.1	2,190.1	6.3	6.0	6.0	92.5	84.4	87.1
Chattanooga	202.7	200.1	200.4	.6	.6	.6	7.3	7.0	7.0
Johnson City-Kingsport-Bristol	172.1	171.6	171.8	(¹)	(¹)	(¹)	6.7	6.6	6.8
Knoxville	268.7	262.0	264.6	1.4	1.4	1.3	13.2	11.9	11.9
Memphis	476.7	480.1	479.5	(¹)	(¹)	(¹)	20.2	19.8	19.8
Nashville	504.5	502.6	505.0	(¹)	(¹)	(¹)	24.7	23.9	24.4
Texas	7,042.5	7,109.8	7,118.4	178.2	182.2	182.2	330.6	339.2	341.1
Abilene	48.9	48.6	48.6	1.5	1.5	1.5	1.5	1.5	1.6
Amarillo	78.8	77.7	78.2	1.2	1.0	1.0	3.2	3.0	3.0
Austin	378.5	384.7	383.0	.7	.7	.7	11.7	12.3	12.4
Beaumont-Port Arthur	141.0	147.8	147.6	1.7	1.9	1.9	10.7	13.4	13.4
Brazoria	66.7	67.4	68.1	2.0	2.0	2.0	9.0	8.6	9.0
Brownsville-Harlingen	75.4	77.3	78.0	(¹)	(¹)	(¹)	2.3	2.4	2.3
Bryan-College Station	53.9	56.0	55.4	.6	.5	.5	2.0	1.7	1.8
Corpus Christi	135.8	137.6	137.8	4.0	4.1	4.0	13.0	11.2	11.3
Dallas	1,373.6	1,373.4	1,376.7	17.8	17.9	18.0	46.0	46.9	47.0
El Paso	207.8	210.2	211.0	(¹)	(¹)	(¹)	8.1	8.1	8.0
Ft. Worth-Arlington	587.3	586.1	587.0	4.3	4.6	4.6	22.3	22.5	22.9
Galveston-Texas City	76.5	76.5	77.1	.6	.7	.7	4.7	4.0	4.0
Houston	1,595.6	1,625.8	1,630.4	67.4	72.3	72.4	110.1	108.5	108.5
Killeen-Temple	74.4	73.4	73.8	(¹)	(¹)	(¹)	2.5	2.2	2.4
Laredo	44.1	45.2	45.1	1.7	1.8	1.8	1.3	1.3	1.3
Longview-Marshall	70.0	69.3	69.1	3.5	3.4	3.4	3.7	3.5	3.5
Lubbock	98.7	98.7	99.0	.3	.2	.2	3.2	3.4	3.5
McAllen-Edinburg-Mission	103.8	103.4	103.7	.8	.9	.9	4.6	4.5	4.5
Midland	44.4	44.9	44.7	9.0	8.9	9.0	1.3	1.5	1.4
Odessa	43.7	44.2	44.6	5.2	5.2	5.3	2.3	2.2	2.3
San Angelo	36.4	36.7	36.7	.5	.5	.5	1.1	1.2	1.2
San Antonio	523.6	519.7	521.9	1.8	1.9	1.9	21.4	22.3	22.5
Sherman-Denison	38.2	37.9	37.9	(¹)	(¹)	(¹)	1.4	1.5	1.5
Texarkana	47.4	45.8	45.7	.1	.1	.1	1.5	1.4	1.3
Tyler	62.2	62.5	62.4	1.7	1.7	1.7	1.9	1.6	1.6
Victoria	28.2	29.1	29.3	1.5	1.5	1.5	1.8	1.8	1.7
Waco	82.2	82.7	82.4	(¹)	(¹)	(¹)	3.2	3.0	3.1
Wichita Falls	50.1	50.4	50.1	1.4	1.4	1.4	1.7	1.8	1.8

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Pennsylvania-Continued									
Reading	48.1	43.7	43.6	6.7	6.7	6.6	34.0	33.6	33.9
Scranton-Wilkes-Barre	89.8	67.4	66.5	16.6	16.9	16.8	73.3	72.5	72.9
Sharon	11.7	11.2	11.4	2.2	2.1	2.2	10.8	10.9	10.8
State College	8.6	8.5	8.4	1.7	1.8	1.8	11.4	12.3	12.2
Williamsport	15.3	15.2	15.3	1.7	1.8	1.8	11.7	11.4	11.3
York	57.4	55.5	55.5	8.1	8.0	8.0	46.0	46.4	46.9
Rhode Island									
Pawtucket-Woonsocket-Attleboro	99.5	92.1	91.9	15.8	15.1	15.3	98.1	93.6	94.7
Providence	45.9	43.1	43.5	3.8	3.4	3.5	32.6	30.5	30.6
	62.7	59.1	59.3	11.9	11.6	11.9	65.6	61.6	62.1
South Carolina									
Charleston	384.5	367.1	367.1	67.4	66.5	66.8	351.1	348.6	352.6
Columbia	21.3	21.0	21.1	11.2	11.0	11.2	52.3	53.4	53.9
Greenville-Spartanburg	28.1	27.6	27.8	11.3	11.4	11.3	55.2	55.5	56.2
	99.5	95.2	96.1	14.6	14.7	14.8	78.4	79.1	79.7
South Dakota									
Rapid City	34.0	34.2	34.8	13.2	13.8	13.8	76.0	78.0	79.8
Sioux Falls	3.9	3.8	3.9	2.0	1.9	1.9	11.0	10.9	11.5
	9.1	9.4	9.5	4.9	5.0	4.9	20.9	21.7	21.6
Tennessee									
Chattanooga	525.6	506.8	511.0	116.7	116.6	117.3	516.5	511.0	513.5
Johnson City-Kingsport-Bristol	47.2	44.4	44.5	9.2	9.2	9.2	48.2	47.9	48.1
Knoxville	54.2	51.6	51.7	6.0	6.2	6.2	39.6	39.1	39.0
Memphis	50.0	47.0	47.4	11.3	11.3	11.5	71.0	68.6	69.6
Nashville	63.0	60.9	60.7	47.1	48.0	47.9	124.8	125.3	125.2
	90.3	86.7	87.1	26.9	26.9	26.9	123.3	123.1	123.7
Texas									
Abilene	983.1	973.9	973.9	421.2	427.7	428.5	1,700.6	1,703.3	1,710.8
Amarillo	5.0	4.5	4.5	2.8	2.7	2.7	12.6	12.4	12.5
Austin	8.7	8.8	8.7	5.4	5.5	5.6	22.7	22.2	22.5
Beaumont-Port Arthur	47.7	48.6	48.6	11.6	11.9	11.9	77.4	76.0	76.0
Brazoria	24.6	25.8	25.6	9.5	9.6	9.6	32.6	33.2	33.3
Brownsville-Harlingen	16.6	16.8	16.8	2.9	3.0	3.0	12.5	12.7	12.9
Bryan-College Station	11.6	11.7	11.9	3.1	3.4	3.5	20.2	20.5	20.8
Corpus Christi	3.6	3.2	3.4	1.3	1.3	1.3	11.0	11.2	11.0
Dallas	12.0	12.3	12.3	6.5	6.5	6.6	31.7	32.2	32.1
El Paso	220.9	214.9	214.2	82.8	82.6	82.7	349.0	351.1	352.4
Ft. Worth-Arlington	40.7	40.8	41.0	10.9	10.8	10.8	51.9	52.6	52.9
Galveston-Texas City	117.6	107.8	106.3	54.4	56.3	56.4	150.3	149.7	150.4
Houston	8.8	8.7	8.6	5.0	5.2	5.3	15.2	15.3	15.5
Killeen-Temple	172.9	176.5	176.9	109.2	112.8	113.3	371.2	370.3	372.7
Laredo	8.7	8.7	8.5	2.6	2.4	2.4	16.7	16.1	16.3
Longview-Marshall	1.7	1.6	1.6	6.1	6.3	6.3	13.9	13.9	14.0
Lubbock	16.7	16.1	16.1	3.5	3.6	3.6	16.8	17.1	16.9
McAllen-Edinburg-Mission	7.1	7.2	6.9	5.7	5.5	5.3	28.2	28.7	28.9
Midland	13.3	13.1	13.0	3.0	3.1	3.1	32.7	32.2	32.6
Odessa	2.2	2.3	2.3	2.4	2.3	2.3	10.4	10.6	10.5
San Angelo	4.2	4.2	4.4	2.0	2.0	2.0	12.3	12.7	12.7
San Antonio	5.0	5.0	4.9	2.7	2.6	2.7	9.0	8.7	8.8
Sherman-Denison	43.7	43.2	43.5	21.8	21.8	22.0	129.4	128.8	130.0
Texas	11.2	10.6	10.8	1.5	1.6	1.6	7.8	7.8	7.8
Tyler	7.1	6.5	6.5	2.2	2.4	2.4	10.8	10.8	11.0
Victoria	10.8	10.7	10.6	2.8	2.9	2.9	16.1	16.0	15.9
Waco	3.0	3.1	3.1	1.4	1.4	1.4	7.5	7.6	7.7
Wichita Falls	15.6	16.1	15.8	3.5	3.5	3.4	19.1	19.3	19.5
	8.5	8.2	8.0	2.7	2.7	2.7	11.3	11.6	11.6

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Pennsylvania—Continued									
Reading	8.2	8.3	8.5	34.2	33.9	34.2	19.2	18.5	18.8
Scranton-Wilkes-Barre	13.8	13.5	13.5	77.6	79.7	80.3	43.6	42.7	42.1
Sharon	1.4	1.4	1.4	11.6	11.6	11.6	5.5	5.5	5.5
State College	1.9	1.9	1.9	11.0	11.1	11.1	23.5	24.0	23.8
Williamsport	2.3	2.3	2.4	10.5	10.5	10.3	7.1	6.9	6.9
York	5.3	5.2	5.4	34.7	35.8	35.9	19.9	19.8	20.0
Rhode Island									
Pawtucket-Woonsocket-Attleboro	3.7	3.5	3.5	26.4	25.2	25.2	11.5	11.7	11.7
Providence	22.3	22.1	21.8	98.3	99.0	99.1	48.3	47.0	47.3
South Carolina									
Charleston	7.8	8.0	8.1	46.1	49.4	49.6	55.1	56.5	56.6
Columbia	18.0	17.9	18.2	52.3	55.4	55.6	69.1	70.6	70.7
Greenville-Spartanburg	12.0	12.0	12.0	65.3	67.6	68.2	43.3	44.9	43.5
South Dakota									
Rapid City	1.4	1.5	1.5	10.4	9.9	10.5	7.5	7.5	7.5
Sioux Falls	8.1	8.2	8.3	20.6	21.6	21.5	8.0	8.0	8.1
Tennessee									
Chattanooga	13.0	13.5	13.5	42.8	42.4	42.5	34.4	35.1	35.0
Johnson City-Kingsport-Bristol	5.2	5.1	5.1	34.8	36.3	36.6	25.6	26.7	26.4
Knoxville	10.2	10.3	10.3	58.7	59.7	61.0	52.9	51.8	51.6
Memphis	25.1	25.2	25.3	119.7	122.0	122.9	76.8	78.9	77.7
Nashville	31.2	30.5	30.5	137.6	141.1	142.1	70.5	70.4	70.3
Texas									
Abilene	1.9	2.0	2.0	14.3	14.7	14.6	9.3	9.3	9.2
Amarillo	4.3	4.2	4.3	17.8	17.8	17.9	15.5	15.2	15.2
Austin	23.8	23.4	23.3	95.5	98.9	98.6	110.1	112.9	111.5
Beaumont-Port Arthur	5.3	5.4	5.4	34.4	36.7	36.7	22.2	21.8	21.7
Brazoria	1.8	1.8	1.8	9.7	10.0	10.0	12.2	12.5	12.6
Brownsville-Harlingen	3.5	3.8	3.7	17.0	17.7	17.9	17.7	17.8	17.9
Bryan-College Station	1.8	1.8	1.8	10.2	11.0	10.7	23.4	25.3	24.9
Corpus Christi	6.3	6.3	6.3	31.8	33.6	33.6	30.5	31.4	31.6
Dallas	126.1	123.4	123.4	367.6	372.7	375.1	163.4	163.9	163.9
El Paso	8.3	8.3	8.3	43.5	44.4	45.0	44.4	45.2	45.0
Ft. Worth-Arlington	27.5	27.2	27.0	135.2	138.9	140.1	75.7	79.1	79.3
Galveston-Texas City	5.0	5.1	5.1	14.8	14.7	15.0	22.4	22.8	22.9
Houston	102.0	102.9	102.2	451.7	467.7	469.4	211.1	214.8	215.0
Killeen-Temple	3.3	3.4	3.4	17.6	17.6	17.8	23.0	23.0	23.0
Laredo	1.8	1.8	1.7	7.8	8.2	8.2	9.8	10.3	10.2
Longview-Marshall	2.7	2.6	2.6	13.8	14.0	14.0	9.3	9.0	9.0
Lubbock	5.6	5.6	5.7	25.2	24.7	25.1	23.4	23.4	23.4
McAllen-Edinburg-Mission	4.1	4.0	3.9	17.8	18.6	18.6	27.5	27.0	27.1
Midland	2.4	2.4	2.3	9.4	9.7	9.7	7.3	7.2	7.2
Odessa	1.5	1.3	1.3	8.0	8.3	8.3	8.2	8.3	8.3
San Angelo	1.6	1.6	1.7	8.9	9.1	9.0	7.6	8.0	7.9
San Antonio	39.9	38.0	37.8	142.5	141.4	141.7	123.1	122.3	122.5
Sherman-Denison	2.0	2.1	2.1	9.7	9.7	9.6	4.6	4.6	4.5
Texarkana	1.8	1.7	1.7	11.0	11.2	11.2	12.9	11.7	11.5
Tyler	3.5	3.5	3.5	15.4	16.3	16.3	10.0	9.8	9.9
Victoria	1.6	1.6	1.6	6.0	6.6	6.8	5.4	5.5	5.5
Waco	5.3	5.1	5.3	22.1	22.2	21.8	13.4	13.5	13.5
Wichita Falls	2.1	2.1	2.1	12.4	12.7	12.7	10.0	9.9	9.8

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT
NOT SEASONALLY ADJUSTED

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Utah	721.1	744.8	749.1	8.7	8.7	8.6	27.2	27.9	29.5
Provo-Orem	91.1	99.1	97.4	(¹)	(¹)	(¹)	3.1	3.5	3.8
Salt Lake City-Ogden	493.7	505.0	510.0	2.8	3.0	3.0	19.0	19.9	20.9
Vermont	257.0	247.2	248.2	.5	.5	.5	14.8	12.5	13.1
Barre-Montpelier	34.1	33.3	33.1	(¹)	(¹)	(¹)	2.0	2.0	1.9
Burlington	80.4	78.4	79.2	(¹)	(¹)	(¹)	4.5	3.6	3.8
Virginia	2,917.2	2,857.8	2,871.8	15.7	14.8	14.8	186.9	160.6	162.3
Bristol	34.3	35.0	35.0	(¹)	(¹)	(¹)	1.0	1.2	1.2
Charlottesville	72.6	73.3	71.1	(¹)	(¹)	(¹)	4.4	3.7	3.8
Danville	42.2	39.7	40.1	(¹)	(¹)	(¹)	2.2	2.0	2.0
Lynchburg	78.2	76.4	76.3	(¹)	(¹)	(¹)	3.7	3.7	3.8
Norfolk-Virginia Beach-Newport News	591.0	576.5	580.4	(¹)	(¹)	(¹)	35.5	31.8	32.3
Northern Virginia	783.0	754.8	761.0	.6	.5	.5	56.1	41.0	41.5
Richmond-Petersburg	476.0	476.8	476.8	.8	.7	.7	31.1	29.1	29.1
Roanoke	127.8	126.3	127.2	(¹)	(¹)	(¹)	8.0	7.2	7.3
Washington	2,155.1	2,182.4	2,195.6	3.7	3.6	3.7	118.4	117.6	119.2
Seattle	1,107.5	1,118.0	1,127.7	.6	.6	.6	61.6	60.1	62.3
West Virginia	644.9	628.2	635.0	35.5	34.3	34.0	27.8	27.8	29.6
Charleston	113.2	112.4	113.1	2.1	2.2	2.2	4.6	4.8	5.0
Huntington-Ashland	113.6	112.1	112.5	1.5	1.6	1.6	5.3	5.4	5.5
Parkersburg-Marietta	62.4	61.8	62.4	.5	.5	.5	3.0	2.7	2.9
Wheeling	61.2	60.0	60.3	2.3	2.0	2.0	1.9	1.7	1.8
Wisconsin	2,287.3	2,273.9	2,299.8	2.5	2.1	2.4	82.5	75.3	81.3
Appleton-Oshkosh-Neenah	160.0	161.9	163.8	(¹)	(¹)	(¹)	7.7	7.9	8.6
Eau Claire	59.2	59.0	59.8	(¹)	(¹)	(¹)	2.3	2.1	2.6
Green Bay	105.0	106.9	107.7	(¹)	(¹)	(¹)	5.0	5.3	5.7
Janesville-Beloit	61.1	58.0	58.6	(¹)	(¹)	(¹)	1.6	1.5	1.5
Kenosha	41.3	42.4	42.7	(¹)	(¹)	(¹)	1.8	1.9	1.8
La Crosse	53.7	53.3	53.5	(¹)	(¹)	(¹)	1.6	1.3	1.5
Madison	220.2	224.6	225.6	(¹)	(¹)	(¹)	8.5	7.8	8.5
Milwaukee	756.1	752.5	758.3	(¹)	(¹)	(¹)	26.3	24.3	25.2
Racine	77.2	76.4	77.6	(¹)	(¹)	(¹)	2.4	2.1	2.1
Sheboygan	51.6	51.9	52.6	(¹)	(¹)	(¹)	1.8	1.2	1.4
Wausau	52.3	53.1	53.6	(¹)	(¹)	(¹)	1.9	2.3	2.2
Wyoming	200.3	197.0	203.9	17.9	17.9	18.3	11.4	11.0	11.9
Casper	28.6	29.1	29.4	2.3	2.5	2.5	1.7	1.9	1.7
Puerto Rico	844.4	833.2	836.4	1.0	.9	.9	45.7	47.0	47.0
Caguas	54.3	53.9	53.9	(¹)	(¹)	(¹)	1.4	1.3	1.2
Mayaguez	57.9	58.1	58.6	(¹)	(¹)	(¹)	2.2	2.4	2.3
Ponce	56.1	54.8	55.1	(¹)	(¹)	(¹)	4.7	3.9	3.9
San Juan	522.1	514.9	515.9	.6	.5	.5	32.3	33.4	33.3
Virgin Islands	42.8	43.0	42.9	(¹)	(¹)	(¹)	4.0	4.2	4.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Utah	106.1	108.0	108.8	41.9	42.5	42.7	170.9	173.5	176.4
Provo-Orem	14.0	14.2	14.3	2.6	2.3	2.4	21.3	22.8	23.1
Salt Lake City-Ogden	69.0	70.1	70.0	32.4	33.1	33.5	120.4	119.2	121.0
Vermont	46.4	43.9	44.0	11.0	10.6	10.7	58.8	56.9	57.2
Barre-Montpelier	4.7	4.4	4.4	.9	.9	.9	7.3	6.9	7.0
Burlington	15.7	15.0	15.1	3.7	3.3	3.4	19.3	18.8	19.3
Virginia	426.9	409.9	409.3	148.3	148.4	148.3	655.9	638.1	642.8
Bristol	10.7	10.8	10.7	1.5	1.5	1.6	8.8	8.7	8.7
Charlottesville	9.0	8.7	8.5	2.6	2.6	2.6	15.2	14.8	14.7
Danville	16.0	13.8	14.1	1.1	1.2	1.2	8.7	8.5	8.6
Lynchburg	23.6	23.1	23.1	3.0	2.9	2.8	16.8	16.1	16.0
Norfolk-Virginia Beach-Newport News	66.0	65.2	64.0	27.6	27.9	27.6	144.5	136.4	138.3
Northern Virginia	35.0	33.2	33.3	51.0	49.9	50.2	175.2	168.8	171.5
Richmond-Petersburg	64.7	63.8	63.6	23.7	23.7	23.7	106.3	106.2	106.7
Roanoke	19.8	19.3	19.2	8.4	8.3	8.2	34.3	33.9	34.2
Washington	369.8	363.6	364.7	112.7	114.5	115.7	519.4	517.4	520.8
Seattle	221.5	219.5	219.0	68.8	68.3	68.9	261.5	262.7	264.7
West Virginia	88.4	83.5	83.6	37.7	37.1	37.6	145.2	143.4	144.2
Charleston	11.0	10.6	10.6	9.0	9.1	9.2	29.1	29.3	29.8
Huntington-Ashland	20.1	19.1	19.3	8.5	8.3	8.4	28.1	28.0	28.0
Parkersburg-Marietta	14.5	13.9	14.1	2.5	2.4	2.5	14.8	15.0	15.1
Wheeling	7.3	7.2	7.1	3.3	3.2	3.3	16.0	16.1	18.2
Wisconsin	557.1	542.1	545.4	106.8	107.6	108.8	536.7	528.9	539.0
Appleton-Oshkosh-Neenah	53.7	52.2	52.7	6.2	6.4	6.3	34.0	34.4	35.0
Eau Claire	10.9	10.9	10.9	3.1	3.1	3.2	15.9	15.2	15.5
Green Bay	22.8	22.6	22.6	7.6	7.7	7.7	27.2	27.1	27.4
Janesville-Beloit	19.2	16.2	16.4	2.5	2.2	2.2	14.6	14.6	14.8
Kenosha	9.8	9.8	9.8	1.4	1.3	1.4	11.0	11.6	11.8
La Crosse	10.6	10.6	10.5	2.4	2.5	2.4	14.2	14.4	14.5
Madison	25.4	26.1	26.2	8.1	8.7	8.8	49.0	49.8	50.3
Milwaukee	174.8	170.0	170.3	37.3	37.4	37.8	171.5	170.1	172.0
Racine	26.6	25.0	25.6	2.4	2.3	2.4	17.5	17.7	18.2
Sheboygan	21.6	22.2	22.3	1.7	1.7	1.7	9.6	9.7	9.9
Wausau	15.0	14.7	15.0	3.2	3.2	3.2	12.7	12.5	12.7
Wyoming	9.1	9.2	9.2	14.4	14.3	14.4	44.6	43.7	45.5
Casper	1.7	1.7	1.8	1.7	1.7	1.8	7.8	7.9	8.0
Puerto Rico	155.7	151.3	151.0	21.1	19.6	19.4	157.5	152.5	154.5
Caguas	15.3	15.6	15.5	.5	.6	.5	11.5	10.9	11.0
Mayaguez	19.7	18.3	18.7	.5	.6	.6	8.3	8.6	8.7
Ponce	10.7	10.3	10.3	1.5	1.3	1.4	8.8	8.5	8.6
San Juan	65.4	64.0	63.2	17.1	16.4	16.2	107.5	104.6	106.0
Virgin Islands	2.4	2.5	2.5	2.2	2.3	2.3	9.7	9.5	9.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Utah	33.9	34.8	35.0	176.6	192.4	189.8	155.8	157.0	158.3
Provo-Orem	2.3	2.3	2.3	32.6	38.7	35.9	15.2	15.3	15.6
Salt Lake City-Ogden	27.9	28.8	29.2	121.0	128.4	129.2	101.2	102.5	103.2
Vermont	12.7	11.3	11.4	66.5	65.8	66.2	46.3	45.7	45.1
Barre-Montpelier	2.9	2.6	2.6	8.1	8.3	8.2	8.2	8.2	8.1
Burlington	4.2	3.8	3.8	20.4	20.8	21.3	12.6	13.1	12.5
Virginia	154.9	150.0	150.7	738.3	746.3	754.4	590.3	589.7	589.2
Bristol	1.2	1.1	1.1	5.4	5.6	5.5	5.7	6.1	6.2
Charlottesville	3.8	3.5	3.5	14.3	15.0	15.0	23.3	25.0	23.0
Danville	1.4	1.4	1.4	7.0	7.1	7.1	5.8	5.7	5.7
Lynchburg	3.4	3.4	3.4	17.5	17.2	17.2	10.2	10.0	10.0
Norfolk-Virginia Beach-Newport News	26.8	25.7	26.0	151.5	152.0	154.3	139.1	137.5	137.9
Northern Virginia	50.9	49.4	49.8	262.4	262.5	264.2	151.8	149.5	150.2
Richmond-Petersburg	40.1	39.7	39.6	109.5	113.9	114.8	97.8	99.7	98.6
Roanoke	8.7	8.5	8.6	32.5	33.3	33.4	16.1	15.8	16.3
Washington	116.5	118.0	118.5	509.6	530.5	532.1	405.0	417.2	420.9
Seattle	73.7	74.8	75.2	271.8	279.4	281.9	148.0	152.6	155.1
West Virginia	24.7	24.6	24.8	145.7	151.5	153.8	139.9	126.0	127.4
Charleston	6.5	6.5	6.6	29.1	30.3	29.9	21.8	19.6	19.8
Huntington-Ashland	3.9	4.0	4.0	25.0	26.1	26.2	21.2	19.6	19.5
Parkersburg-Marietta	2.2	2.3	2.3	14.6	15.2	15.2	10.3	9.8	9.8
Wheeling	3.0	3.1	3.1	17.1	17.3	17.3	10.3	9.4	9.5
Wisconsin	119.7	121.6	122.1	529.3	540.8	546.0	352.8	355.4	354.8
Appleton-Oshkosh-Neenah	7.6	8.1	8.1	32.7	34.3	34.6	18.1	18.6	18.6
Eau Claire	1.8	1.8	1.8	13.3	13.8	13.7	11.9	12.0	12.1
Green Bay	5.6	6.4	6.4	24.9	25.4	25.3	11.9	12.4	12.4
Janesville-Beloit	1.7	1.7	1.7	14.0	14.5	14.6	7.5	7.4	7.4
Kenosha	1.4	1.4	1.4	9.3	9.9	10.0	6.5	6.6	6.4
La Crosse	1.7	1.6	1.6	15.0	15.0	15.2	8.2	7.9	7.8
Madison	19.0	19.5	19.6	48.7	50.1	50.2	61.5	62.5	62.1
Milwaukee	50.5	50.6	50.8	207.7	211.5	213.0	87.9	88.6	89.2
Racine	2.2	2.3	2.3	17.5	18.1	18.2	8.6	8.8	8.8
Sheboygan	2.3	2.2	2.2	9.2	9.3	9.5	5.5	5.6	5.6
Wausau	3.6	4.0	3.9	9.4	9.9	9.9	6.7	6.6	6.6
Wyoming	7.2	7.0	7.1	37.6	36.9	39.5	58.1	57.0	58.0
Casper	1.4	1.4	1.4	6.7	6.8	6.8	5.3	5.2	5.4
Puerto Rico	37.0	36.4	36.4	135.1	135.8	136.3	291.3	289.7	290.9
Caguas	1.4	1.3	1.3	7.9	7.8	7.7	16.3	16.6	16.6
Mayaguez	1.5	1.5	1.5	7.0	8.0	8.0	18.6	18.8	18.8
Ponce	1.8	1.7	1.7	11.2	11.5	11.6	17.4	17.6	17.6
San Juan	29.2	29.0	29.0	95.7	95.2	95.5	174.4	171.7	172.2
Virgin Islands	2.1	2.1	2.1	9.1	9.1	9.1	13.3	13.3	13.3

¹ Combined with construction.

² Not available.

^P = preliminary.

NOTE: Area definitions are published annually in the May issue of this publication.
All State and area data have been adjusted to March 1990 benchmarks.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

C-1. Average hours and earnings of production or nonsupervisory workers' on private nonfarm payrolls by major industry, 1964 to date

Year and month	Total private			Mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages									
1964	38.7	\$2.36	\$91.33	41.9	\$2.81	\$117.74	37.2	\$3.55	\$132.06
1965	38.8	2.46	95.45	42.3	2.92	123.52	37.4	3.70	138.38
1966	38.6	2.56	98.82	42.7	3.05	130.24	37.6	3.89	146.26
1967	38.0	2.68	101.84	42.6	3.19	135.89	37.7	4.11	154.95
1968	37.8	2.85	107.73	42.6	3.35	142.71	37.3	4.41	164.49
1969	37.7	3.04	114.61	43.0	3.60	154.80	37.9	4.79	181.54
1970	37.1	3.23	119.83	42.7	3.85	164.40	37.3	5.24	195.45
1971	36.9	3.45	127.31	42.4	4.06	172.14	37.2	5.69	211.67
1972	37.0	3.70	136.90	42.6	4.44	189.14	36.5	6.06	221.19
1973	36.9	3.94	145.39	42.4	4.75	201.40	36.8	6.41	235.89
1974	36.5	4.24	154.76	41.9	5.23	219.14	36.6	6.81	249.25
1975	36.1	4.53	163.53	41.9	5.95	249.31	36.4	7.31	266.08
1976	36.1	4.86	175.45	42.4	6.46	273.90	36.8	7.71	283.73
1977	36.0	5.25	189.00	43.4	6.94	301.20	36.5	8.10	295.65
1978	35.8	5.69	203.70	43.4	7.67	332.68	36.8	8.66	318.69
1979	35.7	6.16	219.91	43.0	8.49	365.07	37.0	9.27	342.99
1980	35.3	6.66	235.10	43.3	9.17	397.06	37.0	9.94	367.78
1981	35.2	7.25	255.20	43.7	10.04	438.75	36.9	10.82	399.26
1982	34.8	7.68	267.26	42.7	10.77	459.88	36.7	11.63	426.82
1983	35.0	8.02	280.70	42.5	11.28	479.40	37.1	11.94	442.97
1984	35.2	8.32	292.86	43.3	11.63	503.58	37.8	12.13	458.51
1985	34.9	8.57	299.09	43.4	11.98	519.93	37.7	12.32	464.46
1986	34.8	8.76	304.85	42.2	12.46	525.81	37.4	12.48	466.75
1987	34.8	8.98	312.50	42.4	12.54	531.70	37.8	12.71	480.44
1988	34.7	9.28	322.02	42.3	12.80	541.44	37.9	13.08	495.73
1989	34.6	9.66	334.24	43.0	13.26	570.18	37.9	13.54	513.17
1990	34.5	10.02	345.69	44.1	13.69	603.73	38.2	13.78	526.40
Monthly data, not seasonally adjusted									
1990:									
June	34.8	\$9.97	\$346.96	44.4	\$13.70	\$608.28	39.1	\$13.68	\$534.89
July	34.9	9.99	348.65	43.6	13.74	599.08	38.4	13.76	528.38
August	34.8	9.98	347.30	44.0	13.66	601.04	39.0	13.79	537.81
September	34.8	10.15	353.22	45.1	13.86	625.09	39.1	13.97	546.23
October	34.3	10.14	347.80	44.6	13.73	612.36	38.0	13.97	530.86
November	34.3	10.16	348.49	45.0	13.82	621.90	38.2	13.87	529.83
December	34.7	10.19	353.59	45.5	13.88	631.54	38.3	13.92	533.14
1991:									
January	33.7	10.22	344.41	44.4	14.20	630.48	36.2	14.02	507.52
February	33.9	10.23	346.80	44.4	14.10	626.04	37.0	13.93	515.41
March	34.0	10.24	348.16	44.0	14.09	619.96	37.2	13.93	518.20
April	34.0	10.30	350.20	43.9	14.12	619.87	37.8	13.99	528.82
May	34.2	10.31	352.60	44.3	14.09	624.19	38.2	13.96	533.27
June	34.7	10.33	358.45	44.8	14.31	641.09	38.8	13.89	538.93

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

C-1. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry, 1964 to date—Continued

Year and month	Manufacturing				Transportation and public utilities			Wholesale trade		
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages										
1964	40.7	\$2.53	\$2.43	\$102.97	41.1	\$2.89	\$118.78	40.7	\$2.52	\$102.36
1965	41.2	2.61	2.50	107.53	41.3	3.03	125.14	40.8	2.60	106.27
1966	41.4	2.71	2.59	112.19	41.2	3.11	128.13	40.7	2.73	111.08
1967	40.6	2.82	2.71	114.49	40.5	3.23	130.82	40.3	2.87	115.85
1968	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.04	121.89
1969	40.6	3.19	3.05	129.51	40.7	3.63	147.74	40.2	3.23	129.74
1970	39.8	3.35	3.23	133.33	40.5	3.85	155.93	39.9	3.43	136.91
1971	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.4	3.64	143.68
1972	40.5	3.82	3.66	154.71	40.4	4.65	187.86	39.4	3.85	151.42
1973	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.2	4.07	159.74
1974	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.38	170.11
1975	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.6	4.72	182.42
1976	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.02	194.15
1977	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	208.76
1978	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	227.87
1979	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.65
1980	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.4	6.95	267.13
1981	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.55	290.75
1982	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.08	309.23
1983	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.54	328.25
1984	40.7	9.19	8.82	374.03	39.4	11.12	438.13	38.5	8.88	341.78
1985	40.5	9.54	9.16	386.37	39.5	11.40	450.30	38.4	9.15	351.08
1986	40.7	9.73	9.34	396.01	39.2	11.70	458.64	38.3	9.34	357.57
1987	41.0	9.91	9.48	406.31	39.2	12.03	471.58	38.1	9.59	365.30
1988	41.1	10.19	9.73	418.81	38.8	12.26	475.69	38.1	9.98	380.24
1989	41.0	10.48	10.02	429.68	38.9	12.60	490.14	38.0	10.39	394.82
1990	40.8	10.83	10.37	441.86	38.9	12.96	504.14	38.1	10.79	411.10
Monthly data, not seasonally adjusted										
1990:										
June	41.1	\$10.84	\$10.36	\$445.52	39.4	\$12.87	\$507.08	38.2	\$10.75	\$410.65
July	40.5	10.87	10.40	440.24	39.5	13.00	513.50	38.3	10.81	414.02
August	40.8	10.81	10.33	441.05	39.3	12.97	509.72	38.1	10.76	409.96
September	41.3	10.93	10.41	451.41	39.2	13.08	512.74	38.3	10.93	418.62
October	40.9	10.94	10.46	447.45	38.7	13.08	506.20	38.1	10.86	413.77
November	40.8	10.96	10.48	447.17	38.8	13.09	507.89	38.0	10.93	415.34
December	41.3	11.05	10.57	456.37	39.1	13.14	513.77	38.4	11.04	423.94
1991:										
January	40.2	11.05	10.62	444.21	38.2	13.18	503.48	37.7	11.04	416.21
February	39.9	11.02	10.61	439.70	38.3	13.17	504.41	37.7	11.08	417.72
March	40.1	11.06	10.64	443.51	38.3	13.15	503.65	37.9	11.06	419.17
April	40.1	11.11	10.69	445.51	38.4	13.19	506.50	37.9	11.12	421.45
May ^a	40.3	11.15	10.72	449.35	38.6	13.18	508.75	38.1	11.11	423.29
June ^b	40.9	11.21	10.73	458.49	39.0	13.23	515.97	38.5	11.19	430.82

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

C-1. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry, 1964 to date—Continued

Year and month	Retail trade			Finance, insurance, and real estate			Services		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages									
1964	37.0	\$1.75	\$64.81	37.3	\$2.30	\$85.77	36.1	\$1.94	\$70.05
1965	36.6	1.82	66.65	37.2	2.39	88.85	35.9	2.05	73.60
1966	35.9	1.91	68.50	37.3	2.47	92.21	35.5	2.17	76.92
1967	35.3	2.01	70.86	37.1	2.58	95.70	35.1	2.29	80.30
1968	34.7	2.16	74.93	37.0	2.75	101.70	34.7	2.42	84.08
1969	34.2	2.30	78.67	37.1	2.93	108.56	34.7	2.61	90.62
1970	33.8	2.44	82.31	36.7	3.07	112.79	34.4	2.81	96.52
1971	33.7	2.60	87.51	36.6	3.22	118.02	33.9	3.04	103.04
1972	33.4	2.75	92.03	36.6	3.36	122.94	33.9	3.27	110.62
1973	33.1	2.91	96.45	36.6	3.53	129.34	33.8	3.47	117.49
1974	32.7	3.14	102.55	36.5	3.77	137.68	33.6	3.75	126.22
1975	32.4	3.36	108.63	36.5	4.06	147.89	33.5	4.02	134.73
1976	32.1	3.57	114.56	36.4	4.27	155.51	33.3	4.31	143.53
1977	31.6	3.85	121.54	36.4	4.54	165.42	33.0	4.65	153.59
1978	31.0	4.20	130.14	36.4	4.89	178.03	32.8	4.99	163.89
1979	30.6	4.53	138.83	36.2	5.27	190.92	32.7	5.36	175.36
1980	30.2	4.88	147.24	36.2	5.79	209.68	32.6	5.85	190.98
1981	30.1	5.25	157.99	36.3	6.31	228.73	32.6	6.41	209.16
1982	29.9	5.48	163.83	36.2	6.78	245.68	32.6	6.92	225.87
1983	29.8	5.74	171.13	36.2	7.29	263.68	32.7	7.31	239.04
1984	29.8	5.85	174.47	36.5	7.63	278.04	32.6	7.59	247.25
1985	29.4	5.94	174.81	36.4	7.94	289.20	32.5	7.90	256.49
1986	29.2	6.03	175.80	36.4	8.36	304.49	32.5	8.18	265.93
1987	29.2	6.12	178.80	36.3	8.73	316.37	32.5	8.49	276.03
1988	29.1	6.31	183.62	35.9	9.06	325.25	32.6	8.88	289.49
1989	28.9	6.53	188.72	35.8	9.53	341.17	32.6	9.38	305.79
1990	28.8	6.76	194.69	35.8	9.97	356.93	32.6	9.83	320.46
Monthly data, not seasonally adjusted									
1990:									
June	29.2	\$6.74	\$196.81	35.8	\$9.89	\$354.06	32.6	\$9.73	\$317.20
July	29.7	6.73	199.88	36.2	9.99	361.64	32.9	9.76	321.10
August	29.4	6.73	197.86	35.7	9.94	354.86	32.8	9.75	319.80
September	28.9	6.83	197.39	36.1	10.10	364.61	32.7	9.95	325.37
October	28.4	6.83	193.97	35.5	10.08	357.84	32.4	9.96	322.70
November	28.4	6.86	194.82	35.6	10.12	360.27	32.4	10.02	324.65
December	29.2	6.84	199.73	36.2	10.24	370.69	32.7	10.11	330.60
1991:									
January	27.6	6.90	190.44	35.7	10.24	365.57	32.1	10.12	324.85
February	28.0	6.89	192.92	35.8	10.30	368.74	32.3	10.14	327.52
March	28.1	6.91	194.17	35.6	10.33	367.75	32.3	10.16	328.17
April	28.3	6.98	197.53	35.6	10.36	368.82	32.3	10.19	329.14
May ^p	28.5	6.98	198.93	35.5	10.37	368.14	32.3	10.20	329.46
June ^p	29.1	6.98	203.12	36.1	10.43	376.52	32.7	10.19	333.21

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

^p = preliminary.
NOTE: Establishment survey estimates are currently projected from March 1990 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1990 forward are subject to revision.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1990	June 1990	Apr. 1991	May 1991 ¹	June 1991 ¹	May 1990	June 1990	Apr. 1991	May 1991 ¹	June 1991 ¹
Total private		34.4	34.8	34.0	34.2	34.7	-	-	-	-	-
Mining		43.2	44.4	43.9	44.3	44.8	-	-	-	-	-
Metal mining	10	42.2	42.9	42.1	42.0	-	-	-	-	-	-
Iron ores	101	42.4	43.0	42.6	41.6	-	-	-	-	-	-
Copper ores	102	44.5	44.9	45.6	45.2	-	-	-	-	-	-
Coal mining	12	43.7	44.1	43.9	44.2	-	-	-	-	-	-
Bituminous coal and lignite mining	122	43.7	44.1	43.9	44.3	-	-	-	-	-	-
Oil and gas extraction	13	42.3	44.1	44.1	44.7	-	-	-	-	-	-
Crude petroleum and natural gas	131	41.3	44.8	41.8	43.6	-	-	-	-	-	-
Oil and gas field services	138	42.9	43.6	45.4	45.4	-	-	-	-	-	-
Nonmetallic minerals, except fuels	14	45.8	46.7	44.1	44.4	-	-	-	-	-	-
Crushed and broken stone	142	46.8	47.8	44.2	44.7	-	-	-	-	-	-
Construction		38.3	39.1	37.8	38.2	38.8	-	-	-	-	-
General building contractors	15	37.8	38.3	37.3	37.8	-	-	-	-	-	-
Residential building construction	152	37.1	37.6	36.0	36.7	-	-	-	-	-	-
Operative builders	153	37.6	37.2	36.9	37.5	-	-	-	-	-	-
Nonresidential building construction	154	38.4	39.0	38.6	38.9	-	-	-	-	-	-
Heavy construction, except building	16	41.7	43.3	40.8	41.3	-	-	-	-	-	-
Highway and street construction	161	42.2	45.0	39.8	41.5	-	-	-	-	-	-
Heavy construction, except highway	162	41.5	42.4	41.2	41.2	-	-	-	-	-	-
Special trade contractors	17	37.5	38.2	37.1	37.6	-	-	-	-	-	-
Plumbing, heating, and air conditioning	171	38.7	39.2	38.4	38.8	-	-	-	-	-	-
Painting and paper hanging	172	36.0	36.4	35.8	35.9	-	-	-	-	-	-
Electrical work	173	39.1	39.4	38.8	38.8	-	-	-	-	-	-
Masonry, stonework, and plastering	174	35.2	35.8	35.2	35.5	-	-	-	-	-	-
Carpentry and floor work	175	35.5	35.9	34.6	34.5	-	-	-	-	-	-
Roofing, siding, and sheet metal work	176	34.3	36.2	32.6	34.5	-	-	-	-	-	-
Manufacturing		40.9	41.1	40.1	40.3	40.9	3.6	3.8	3.1	3.2	3.7
Durable goods		41.5	41.7	40.6	40.7	41.5	3.8	3.9	3.1	3.2	3.7
Lumber and wood products	24	40.6	40.8	39.4	39.9	41.0	3.7	3.7	3.0	3.2	-
Logging	241	41.9	42.4	39.4	39.9	-	5.5	5.7	4.0	4.2	-
Sawmills and planing mills	242	41.7	41.6	40.4	40.4	-	4.5	4.4	3.8	3.8	-
Sawmills and planing mills, general	2421	42.1	41.9	40.9	40.8	-	4.9	4.6	4.2	4.0	-
Hardwood dimension and flooring mills	2426	40.0	40.5	38.7	38.6	-	3.0	3.3	2.4	2.6	-
Millwork, plywood, and structural members	243	39.9	40.4	39.3	40.1	-	3.1	3.1	2.7	3.1	-
Millwork	2431	39.3	40.0	38.8	40.1	-	2.3	2.6	2.1	3.0	-
Wood kitchen cabinets	2434	39.0	39.6	38.9	39.4	-	3.0	2.8	2.7	2.6	-
Hardwood veneer and plywood	2435	41.3	41.2	40.2	39.6	-	3.9	3.6	3.4	3.1	-
Softwood veneer and plywood	2436	42.8	42.1	42.2	42.9	-	4.8	4.5	4.0	4.1	-
Wood containers	244	39.3	39.6	39.1	39.3	-	3.4	3.5	2.6	2.9	-
Wood buildings and mobile homes	245	38.9	39.2	36.7	38.0	-	2.0	2.1	1.5	2.1	-
Mobile homes	2451	38.7	39.2	36.9	38.1	-	1.8	1.9	1.5	2.0	-
Miscellaneous wood products	249	40.4	40.6	39.2	39.4	-	3.1	3.2	2.3	2.3	-
Furniture and fixtures	25	38.8	39.2	38.4	38.4	39.1	2.3	2.5	2.0	2.0	-
Household furniture	251	38.2	38.4	38.2	37.6	-	2.1	2.2	2.0	1.8	-
Wood household furniture	2511	39.2	38.8	38.5	38.5	-	2.4	2.3	2.2	2.0	-
Upholstered household furniture	2512	36.0	37.0	36.9	35.1	-	1.2	1.6	1.3	1.0	-
Metal household furniture	2514	40.7	39.5	40.9	41.3	-	3.4	2.7	3.4	3.5	-
Mattresses and bedsprings	2515	39.2	40.1	38.9	39.3	-	2.7	3.6	2.0	2.2	-
Office furniture	252	39.4	40.6	36.2	37.8	-	2.3	2.9	1.2	1.6	-
Public building and related furniture	253	40.0	40.7	41.2	41.8	-	3.3	3.4	3.3	3.7	-
Partitions and fixtures	254	40.0	40.7	40.3	40.2	-	2.7	3.0	2.2	2.1	-
Miscellaneous furniture and fixtures	259	39.3	40.0	38.6	39.5	-	2.5	2.7	2.1	2.6	-

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGS
NOT SEASONALLY ADJUSTED

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Total private		\$9.96	\$9.97	\$10.30	\$10.31	\$10.33	\$342.62	\$346.96	\$350.20	\$352.60	\$358.45
Mining		13.60	13.70	14.12	14.09	14.31	587.52	608.28	619.87	624.19	641.09
Metal mining											
Iron ores	10	13.92	13.96	14.85	14.79	-	587.42	598.88	625.19	621.18	-
Copper ores	101	14.03	14.69	15.49	16.64	-	594.87	631.67	659.87	692.22	-
Copper ores	102	12.06	11.83	13.50	13.17	-	536.67	531.17	615.60	595.28	-
Coal mining											
Bituminous coal and lignite mining	12	16.54	16.65	16.95	16.97	-	722.80	734.27	744.11	750.07	-
Bituminous coal and lignite mining	122	16.69	16.79	17.11	17.12	-	729.35	740.44	751.13	758.42	-
Oil and gas extraction											
Crude petroleum and natural gas	13	12.69	13.04	13.49	13.50	-	545.25	575.06	594.91	603.45	-
Crude petroleum and natural gas	131	16.09	16.33	16.76	16.69	-	664.52	731.58	700.57	727.68	-
Oil and gas field services	138	11.02	11.06	11.73	11.65	-	472.76	482.22	532.54	528.91	-
Nonmetallic minerals, except fuels											
Crushed and broken stone	14	11.46	11.56	11.73	11.72	-	524.87	539.85	517.29	520.37	-
Crushed and broken stone	142	11.05	11.20	11.15	11.18	-	517.14	535.36	492.83	499.75	-
Construction		13.73	13.68	13.99	13.96	13.89	525.86	534.89	528.82	533.27	538.93
General building contractors											
Residential building construction	15	12.99	12.91	13.29	13.23	-	491.02	494.45	495.72	500.09	-
Residential building construction	152	12.21	12.06	12.27	12.25	-	452.99	453.46	441.72	449.58	-
Operative builders	153	12.65	12.68	13.86	13.80	-	475.64	471.70	511.43	517.50	-
Nonresidential building construction	154	13.74	13.72	14.18	14.14	-	527.62	535.08	547.35	550.05	-
Heavy construction, except building											
Highway and street construction	16	13.38	13.36	13.66	13.88	-	557.95	578.49	557.33	573.24	-
Highway and street construction	161	13.17	13.28	13.01	13.61	-	555.77	597.60	517.80	564.82	-
Heavy construction, except highway	162	13.49	13.40	13.93	14.01	-	559.84	568.16	573.92	577.21	-
Special trade contractors											
Plumbing, heating, and air conditioning	17	14.13	14.09	14.36	14.27	-	529.88	538.24	532.76	536.55	-
Plumbing, heating, and air conditioning	171	14.38	14.35	14.83	14.72	-	556.51	562.52	569.47	571.14	-
Painting and paper hanging	172	13.02	12.83	12.95	13.00	-	468.72	467.01	463.61	466.70	-
Electrical work	173	15.02	15.01	15.36	15.22	-	587.28	591.39	595.97	590.54	-
Masonry, stonework, and plastering	174	14.45	14.45	14.24	14.29	-	508.64	517.31	501.25	507.30	-
Carpentry and floor work	175	14.16	13.94	14.29	14.19	-	502.68	500.45	494.43	489.56	-
Roofing, siding, and sheet metal work	176	12.13	12.13	12.28	12.16	-	416.06	439.11	400.33	419.52	-
Manufacturing		10.80	10.84	11.11	11.15	11.21	441.72	445.52	445.51	449.35	458.49
Durable goods		11.33	11.37	11.65	11.70	11.79	470.20	474.13	472.99	476.19	489.29
Lumber and wood products											
Logging	24	9.10	9.07	9.18	9.23	9.34	369.46	370.06	361.69	368.28	382.94
Logging	241	11.31	11.32	10.98	11.13	-	473.89	479.97	432.61	444.09	-
Sawmills and planing mills	242	9.25	9.19	9.31	9.38	-	385.73	382.30	376.12	378.95	-
Sawmills and planing mills, general	2421	9.62	9.55	9.64	9.70	-	405.00	400.15	394.28	395.76	-
Hardwood dimension and flooring mills	2426	7.52	7.51	7.76	7.84	-	300.80	304.16	300.31	302.62	-
Millwork, plywood, and structural members	243	9.03	8.99	9.27	9.30	-	360.30	363.20	364.31	372.93	-
Millwork	2431	9.26	9.26	9.61	9.67	-	363.92	370.40	372.87	387.77	-
Wood kitchen cabinets	2434	8.57	8.48	8.73	8.69	-	334.23	335.81	339.60	342.39	-
Hardwood veneer and plywood	2435	7.63	7.67	7.88	7.84	-	315.12	316.00	316.78	310.46	-
Softwood veneer and plywood	2436	10.33	10.20	10.38	10.34	-	442.12	429.42	438.04	443.59	-
Wood containers	244	6.67	6.61	6.67	6.67	-	262.13	261.76	260.80	262.13	-
Wood buildings and mobile homes	245	8.63	8.62	8.85	8.91	-	335.71	337.90	324.80	338.58	-
Mobile homes	2451	8.74	8.70	8.94	8.98	-	338.24	341.04	329.89	342.14	-
Miscellaneous wood products	249	8.24	8.21	8.52	8.49	-	332.90	333.33	333.98	334.51	-
Furniture and fixtures											
Household furniture	25	8.46	8.51	8.70	8.67	8.77	328.25	333.59	334.08	332.93	342.91
Household furniture	251	7.81	7.86	8.11	8.07	-	298.34	301.82	309.80	303.43	-
Wood household furniture	2511	7.35	7.38	7.67	7.63	-	288.12	286.34	295.30	293.76	-
Upholstered household furniture	2512	8.52	8.51	8.85	8.79	-	306.72	314.87	326.57	308.53	-
Metal household furniture	2514	7.86	7.95	8.14	8.18	-	319.90	314.03	332.93	337.83	-
Mattresses and bedsprings	2515	8.20	8.29	8.24	8.26	-	321.44	332.43	320.54	324.62	-
Office furniture	252	9.56	9.62	9.51	9.57	-	376.66	390.57	344.26	361.75	-
Public building and related furniture	253	9.03	9.08	9.31	9.23	-	361.20	369.56	383.57	385.81	-
Partitions and fixtures	254	9.75	9.72	9.90	9.85	-	390.00	395.60	398.97	395.97	-
Miscellaneous furniture and fixtures	259	8.85	8.82	9.25	9.13	-	347.81	352.80	357.05	360.64	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p	May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p
Durable goods—Continued											
Stone, clay, and glass products	32	42.4	42.7	41.3	41.7	42.5	5.0	5.3	4.2	4.5	-
Flat glass	321	45.4	46.0	42.3	43.3	-	6.9	7.0	4.2	6.3	-
Glass and glassware, pressed or blown	322	41.8	41.5	42.2	42.1	-	4.4	4.4	4.5	4.5	-
Glass containers	3221	42.2	41.8	43.3	43.1	-	5.4	5.3	5.6	5.6	-
Pressed and blown glass, nec	3229	41.4	41.2	41.1	41.0	-	3.3	3.4	3.4	3.4	-
Products of purchased glass	323	40.7	40.9	40.3	40.7	-	3.2	3.5	2.5	2.9	-
Cement, hydraulic	324	41.6	41.5	42.7	41.5	-	3.9	3.7	4.7	3.6	-
Structural clay products	325	41.4	41.1	39.9	40.2	-	3.8	3.9	2.4	2.3	-
Pottery and related products	326	39.6	39.3	39.3	40.1	-	2.6	2.6	2.6	2.6	-
Concrete, gypsum, and plaster products	327	44.0	44.7	41.7	42.6	-	6.7	7.2	5.3	5.8	-
Concrete block and brick	3271	46.0	46.2	42.3	44.0	-	7.8	7.8	5.4	6.2	-
Concrete products, nec	3272	43.2	43.5	41.5	42.0	-	5.9	6.0	4.7	4.9	-
Ready-mixed concrete	3273	43.8	44.7	41.1	42.3	-	7.0	7.8	5.5	6.2	-
Misc. nonmetallic mineral products	329	41.9	42.8	40.8	40.9	-	4.6	5.2	4.2	4.2	-
Abrasive products	3291	42.2	42.5	39.7	39.6	-	3.0	3.4	2.4	2.8	-
Asbestos products	3292	42.0	41.2	40.3	41.0	-	6.0	5.1	3.9	4.5	-
Primary metal industries	33	43.0	43.2	41.2	41.6	42.6	5.1	5.5	4.0	4.0	-
Blast furnaces and basic steel products	331	43.6	43.8	41.1	41.7	43.3	5.7	5.9	4.1	4.1	-
Blast furnaces and steel mills	3312	43.6	44.0	41.2	41.8	-	5.7	6.1	4.2	4.1	-
Steel pipe and tubes	3317	44.6	44.0	40.9	41.7	-	6.5	6.0	4.6	4.4	-
Iron and steel foundries	332	43.1	43.1	40.7	40.9	-	5.1	5.5	3.6	3.7	-
Gray and ductile iron foundries	3321	43.3	43.8	40.2	41.0	-	5.4	6.1	3.5	3.9	-
Malleable iron foundries	3322	43.5	43.7	41.5	41.7	-	6.0	6.3	4.1	4.1	-
Steel foundries, nec	3325	42.2	42.1	41.3	40.4	-	4.3	4.6	3.7	3.4	-
Primary nonferrous metals	333	43.7	43.2	43.5	43.3	-	4.8	4.8	4.8	4.7	-
Primary aluminum	3334	43.3	42.9	43.4	43.3	-	5.3	5.2	5.2	5.3	-
Nonferrous rolling and drawing	335	42.9	43.6	41.9	42.2	-	5.7	6.2	4.9	4.7	-
Copper rolling and drawing	3351	43.3	43.1	40.4	41.2	-	5.9	5.9	4.6	4.5	-
Aluminum sheet, plate, and foil	3353	43.5	44.3	44.3	43.7	-	7.5	8.1	7.1	6.6	-
Nonferrous wire drawing and insulating	3357	42.5	42.8	40.5	40.9	-	5.0	5.5	3.7	3.8	-
Nonferrous foundries (castings)	336	40.5	40.9	39.9	40.3	-	3.1	3.4	2.4	2.7	-
Aluminum foundries	3365	40.7	41.6	40.0	40.7	-	2.9	3.6	2.6	3.0	-
Fabricated metal products	34	41.6	41.8	40.6	40.8	41.5	3.8	3.9	3.0	3.1	-
Metal cans and shipping containers	341	44.7	44.5	43.3	43.7	-	6.0	5.8	5.3	5.4	-
Metal cans	3411	44.7	44.6	43.7	44.0	-	5.9	5.8	5.3	5.4	-
Cutlery, handtools, and hardware	342	41.1	41.3	39.8	40.1	-	3.1	3.2	2.1	2.2	-
Hand and edge tools, and blades and handsaws	3423,5	40.7	40.9	39.3	39.6	-	2.8	2.8	2.0	2.1	-
Hardware, nec	3429	41.0	41.1	39.6	40.0	-	3.2	3.3	1.8	2.0	-
Plumbing and heating, except electric	343	40.5	40.8	39.8	39.6	-	3.1	3.2	2.9	2.6	-
Plumbing fixture fittings and trim	3432	40.0	40.2	39.8	39.5	-	2.6	2.9	3.1	2.5	-
Heating equipment, except electric	3433	39.0	39.8	37.7	38.3	-	1.9	2.3	1.2	1.6	-
Fabricated structural metal products	344	41.1	41.2	39.9	40.4	-	3.4	3.7	2.8	3.0	-
Fabricated structural metal	3441	42.0	42.3	40.9	41.1	-	4.0	4.4	3.4	3.3	-
Metal doors, sash, and trim	3442	40.0	39.8	38.3	39.7	-	2.3	2.5	1.5	2.4	-
Fabricated plate work (boiler shops)	3443	42.3	42.2	41.4	41.4	-	4.3	4.5	3.5	3.4	-
Sheet metal work	3444	40.4	40.8	39.5	40.0	-	2.9	3.4	2.7	2.9	-
Architectural metal work	3446	39.1	39.1	38.9	38.4	-	3.2	3.3	2.0	2.3	-
Screw machine products, bolts, etc	345	42.4	42.5	40.4	40.8	-	4.8	4.7	3.1	3.1	-
Screw machine products	3451	40.6	41.0	39.9	40.5	-	3.5	3.5	2.6	2.6	-
Bolts, nuts, rivets, and washers	3452	44.2	44.0	41.0	41.1	-	6.1	6.0	3.6	3.7	-
Metal forgings and stampings	346	42.6	42.8	41.4	41.7	-	4.3	4.7	3.1	3.2	-
Iron and steel forgings	3462	43.0	43.1	41.7	40.8	-	4.5	4.8	3.4	3.1	-
Automotive stampings	3465	43.9	44.1	41.7	42.5	-	4.8	5.4	3.1	3.5	-
Metal stampings, nec	3469	40.8	40.9	40.7	40.7	-	3.6	3.5	2.9	2.9	-
Metal services, nec	347	40.8	41.3	40.5	40.6	-	3.8	3.9	3.6	3.4	-
Plating and polishing	3471	40.4	40.7	39.9	40.1	-	3.2	3.3	2.8	2.7	-
Metal coating and allied services	3479	41.5	42.4	41.6	41.3	-	4.8	5.0	4.8	4.6	-
Ordnance and accessories, nec	348	41.2	41.1	41.3	40.6	-	3.3	3.3	3.3	3.0	-
Ammunition, except for small arms, nec	3483	40.2	40.1	41.2	40.5	-	2.7	2.8	3.1	3.1	-
Misc. fabricated metal products	349	41.4	41.6	40.7	40.7	-	3.4	3.5	2.9	2.9	-
Valves and pipe fittings, nec	3494	42.6	43.0	40.8	40.9	-	3.2	3.5	2.9	2.9	-
Misc. fabricated wire products	3496	40.4	40.7	40.4	40.7	-	3.3	3.0	2.8	3.0	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Durable goods—Continued											
Stone, clay, and glass products	32	\$11.11	\$11.13	\$11.33	\$11.35	\$11.37	\$471.06	\$475.25	\$467.93	\$473.30	\$483.23
Flat glass	321	15.47	15.37	15.34	15.73	-	702.34	707.02	648.88	681.11	-
Glass and glassware, pressed or blown	322	12.45	12.39	12.93	12.92	-	520.41	514.19	545.65	543.93	-
Glass containers	3221	13.22	13.14	13.76	13.66	-	557.88	549.25	595.81	588.75	-
Pressed and blown glass, nec	3229	11.64	11.61	12.04	12.12	-	481.90	478.33	494.84	496.92	-
Products of purchased glass	323	9.83	9.90	9.82	9.81	-	400.08	404.91	395.75	399.27	-
Cement, hydraulic	324	13.72	13.59	14.14	14.00	-	570.75	563.99	603.78	581.00	-
Structural clay products	325	9.51	9.53	9.77	9.72	-	393.71	391.68	389.82	390.74	-
Pottery and related products	326	9.63	9.65	9.80	9.71	-	381.35	379.25	385.14	389.37	-
Concrete, gypsum, and plaster products	327	10.77	10.82	10.90	10.98	-	473.88	483.65	454.53	467.75	-
Concrete block and brick	3271	9.68	9.70	10.13	10.35	-	445.28	448.14	428.50	455.40	-
Concrete products, nec	3272	9.74	9.77	9.83	9.76	-	420.77	425.00	407.95	409.92	-
Ready-mixed concrete	3273	11.63	11.66	11.76	11.87	-	509.39	521.20	483.34	502.10	-
Misc. nonmetallic mineral products	329	11.58	11.57	11.59	11.66	-	485.20	495.20	472.87	476.89	-
Abrasive products	3291	10.35	10.20	10.10	10.12	-	436.77	433.50	400.97	400.75	-
Asbestos products	3292	11.38	11.21	11.23	11.27	-	477.96	461.85	452.57	462.07	-
Primary metal industries	33	12.84	12.92	13.21	13.23	13.42	552.12	558.14	544.25	550.37	571.69
Blast furnaces and basic steel products	331	14.70	14.74	15.25	15.19	15.46	640.92	645.61	626.78	633.42	669.42
Blast furnaces and steel mills	3312	15.49	15.52	16.10	16.03	-	675.36	682.88	663.32	670.05	-
Steel pipe and tubes	3317	11.70	11.77	12.09	12.11	-	521.82	517.88	494.48	504.99	-
Iron and steel foundries	332	11.56	11.73	11.64	11.80	-	498.24	505.56	473.75	482.62	-
Gray and ductile iron foundries	3321	12.09	12.27	12.25	12.32	-	523.50	537.43	492.45	505.12	-
Malleable iron foundries	3322	12.39	12.59	11.48	12.55	-	538.97	550.18	476.42	523.34	-
Steel foundries, nec	3325	10.84	11.00	10.97	11.15	-	457.45	463.10	453.06	450.46	-
Primary nonferrous metals	333	14.16	14.31	14.58	14.54	-	618.79	618.19	633.36	629.58	-
Primary aluminum	3334	14.62	14.73	14.78	14.87	-	633.05	631.92	641.45	643.87	-
Nonferrous rolling and drawing	335	12.24	12.35	12.62	12.62	-	525.10	538.46	528.78	532.56	-
Copper rolling and drawing	3351	11.62	11.76	11.83	11.83	-	503.15	506.86	477.93	487.40	-
Aluminum sheet, plate, and foil	3353	15.18	15.14	15.36	15.25	-	660.33	670.70	680.45	666.43	-
Nonferrous wire drawing and insulating	3357	12.04	12.24	12.34	12.38	-	511.70	523.87	499.77	506.34	-
Nonferrous foundries (castings)	336	10.18	10.22	10.47	10.57	-	412.29	418.00	417.75	425.97	-
Aluminum foundries	3365	9.77	9.83	10.16	10.23	-	397.64	408.93	406.40	416.36	-
Fabricated metal products	34	10.80	10.86	11.11	11.15	11.21	449.28	453.95	451.07	454.92	465.22
Metal cans and shipping containers	341	14.36	14.33	14.68	14.72	-	641.89	637.69	635.64	643.26	-
Metal cans	3411	15.21	15.17	15.50	15.58	-	679.89	676.58	677.35	685.52	-
Cutlery, handtools, and hardware	342	10.86	10.90	10.96	10.95	-	446.35	450.17	436.21	439.10	-
Hand and edge tools, and blades and handsaws ..	3423,5	9.98	10.05	10.18	10.15	-	406.19	411.05	400.07	401.94	-
Hardware, nec	3429	11.25	11.30	11.18	11.20	-	461.25	464.43	442.73	448.00	-
Plumbing and heating, except electric	343	9.66	9.72	10.02	9.89	-	391.23	396.58	398.80	391.64	-
Plumbing fixture fittings and trim	3432	9.19	9.19	9.58	9.38	-	367.60	369.44	381.28	370.51	-
Heating equipment, except electric	3433	9.56	9.65	9.84	9.87	-	372.84	384.07	370.97	378.02	-
Fabricated structural metal products	344	10.07	10.13	10.44	10.42	-	413.88	417.36	416.56	420.97	-
Fabricated structural metal	3441	10.31	10.36	10.41	10.43	-	433.02	438.23	425.77	428.67	-
Metal doors, sash, and trim	3442	8.46	8.49	8.66	8.61	-	338.40	337.90	331.68	341.82	-
Fabricated plate work (boiler shops)	3443	10.93	11.01	11.26	11.28	-	462.34	464.62	466.16	466.99	-
Sheet metal work	3444	10.36	10.47	10.93	10.99	-	418.54	427.18	431.74	439.60	-
Architectural metal work	3446	9.71	9.73	10.33	10.19	-	379.66	380.44	401.84	391.30	-
Screw machine products, bolts, etc	345	10.68	10.71	10.95	11.03	-	452.83	455.18	442.38	450.02	-
Screw machine products	3451	10.03	10.06	10.21	10.26	-	407.22	412.46	407.38	415.53	-
Bolts, nuts, rivets, and washers	3452	11.30	11.32	11.69	11.80	-	499.46	498.08	479.29	484.98	-
Metal forgings and stampings	346	12.71	12.88	13.00	13.20	-	541.45	551.26	538.20	550.44	-
Iron and steel forgings	3462	12.94	13.08	13.01	13.09	-	556.42	563.75	542.52	534.07	-
Automotive stampings	3465	14.33	14.61	14.79	15.01	-	629.09	644.30	616.74	637.93	-
Metal stampings, nec	3469	10.08	10.06	10.54	10.56	-	411.26	411.45	428.98	429.79	-
Metal services, nec	347	8.93	8.97	9.25	9.30	-	364.34	370.46	374.63	377.58	-
Plating and polishing	3471	8.84	8.90	9.10	9.15	-	357.14	362.23	363.09	366.92	-
Metal coating and allied services	3479	9.08	9.09	9.48	9.54	-	376.82	385.42	394.37	394.00	-
Ordnance and accessories, nec	348	11.80	11.85	12.18	12.11	-	486.16	487.04	503.03	491.67	-
Ammunition, except for small arms, nec	3483	11.51	11.48	11.99	11.98	-	462.70	460.35	493.99	485.19	-
Misc. fabricated metal products	349	10.05	10.08	10.41	10.42	-	416.07	419.33	423.69	424.09	-
Valves and pipe fittings, nec	3494	10.29	10.28	10.72	10.76	-	438.35	442.04	437.38	440.08	-
Misc. fabricated wire products	3496	8.77	8.71	9.06	9.07	-	354.31	354.50	366.02	369.15	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1990	June 1990	Apr. 1991	May 1991 ^a	June 1991 ^a	May 1990	June 1990	Apr. 1991	May 1991 ^a	June 1991 ^a
Durable goods—Continued											
Industrial machinery and equipment	35	42.0	42.1	41.2	41.1	41.6	3.9	4.0	3.3	3.2	-
Engines and turbines	351	42.2	42.0	41.3	42.2	-	3.4	3.5	3.9	4.4	-
Turbines and turbine generator sets	3511	43.2	43.6	43.3	43.4	-	5.1	5.6	5.4	5.9	-
Internal combustion engines, nec	3519	41.9	41.4	40.4	41.7	-	2.8	2.7	3.3	3.8	-
Farm and garden machinery	352	41.8	41.4	41.2	40.6	-	3.7	3.5	2.9	2.4	-
Farm machinery and equipment	3523	41.8	41.6	40.6	40.2	-	3.9	3.8	3.1	2.7	-
Construction and related machinery	353	42.3	42.9	41.9	41.1	-	3.8	4.1	2.9	2.8	-
Construction machinery	3531	42.0	42.4	42.0	40.2	-	3.5	3.4	1.8	1.9	-
Mining machinery	3532	41.8	42.2	40.1	39.0	-	4.3	4.3	2.5	2.3	-
Oil and gas field machinery	3533	45.2	46.1	45.1	45.1	-	5.3	6.3	4.8	4.7	-
Conveyors and conveying equipment	3535	42.0	42.5	42.3	41.0	-	4.4	4.7	4.2	3.7	-
Industrial trucks and tractors	3537	39.9	39.9	37.7	38.2	-	1.9	2.2	1.5	1.5	-
Metalworking machinery	354	42.4	42.6	41.6	41.4	-	4.5	4.6	3.9	3.6	-
Machine tools, metal cutting types	3541	41.3	41.7	41.4	40.7	-	3.7	3.8	3.6	3.3	-
Machine tools, metal forming types	3542	42.7	43.0	41.0	40.9	-	4.7	4.4	3.0	2.4	-
Special dies, tools, jigs, and fixtures	3544	43.2	43.2	42.3	42.1	-	5.3	5.4	5.0	4.7	-
Machine tool accessories	3545	41.6	41.5	40.5	40.4	-	3.3	3.4	2.6	2.5	-
Power driven handtools	3546	41.4	41.7	41.0	41.4	-	3.4	3.7	2.2	2.6	-
Special industry machinery	355	42.2	42.3	41.3	41.2	-	4.2	4.2	3.5	3.4	-
Textile machinery	3552	42.4	42.8	41.1	41.2	-	3.8	4.0	2.7	3.0	-
Printing trades machinery	3555	39.5	39.3	38.4	38.5	-	4.1	3.8	3.6	3.8	-
Food products machinery	3556	41.6	41.7	41.5	41.1	-	3.9	3.8	3.8	3.6	-
General industrial machinery	356	41.9	42.1	40.7	40.8	-	4.0	4.2	3.1	3.2	-
Pumps and pumping equipment	3561	40.6	41.4	40.2	40.9	-	3.4	3.8	2.9	2.9	-
Ball and roller bearings	3562	43.1	43.4	40.6	40.9	-	5.2	5.7	3.0	3.5	-
Air and gas compressors	3563	43.9	43.6	43.0	43.3	-	4.5	4.1	4.5	4.8	-
Blowers and fans	3564	40.0	40.2	39.5	39.5	-	2.8	3.4	2.5	2.1	-
Speed changers, drives, and gears	3566	41.8	42.0	41.4	40.5	-	5.1	5.1	4.4	3.9	-
Power transmission equipment, nec	3568	42.2	41.8	40.2	39.8	-	4.2	4.4	3.1	2.6	-
Computer and office equipment	357	41.8	42.2	40.5	40.5	-	2.9	3.1	2.2	2.1	-
Electronic computers	3571	41.5	42.0	39.8	40.0	-	2.9	3.0	2.4	2.2	-
Computer terminals, calculators, and office machines, nec	3575,8,9	39.4	40.3	41.0	41.3	-	2.6	2.8	2.3	2.5	-
Refrigeration and service machinery	358	40.3	40.7	40.3	40.5	-	2.6	2.9	2.4	2.6	-
Refrigeration and heating equipment	3585	40.5	40.9	40.5	40.6	-	2.8	3.1	2.4	2.8	-
Misc. industrial and commercial machinery	359	42.3	42.2	41.7	41.6	-	4.4	4.5	4.1	3.8	-
Carburetors, pistons, rings, valves	3592	42.0	42.1	40.6	40.9	-	4.5	4.7	3.0	3.3	-
Scales, balances, and industrial machinery, nec	3596,9	42.2	42.0	41.8	41.6	-	4.5	4.4	4.3	4.0	-
Electronic and other electrical equipment	36	40.6	41.0	40.2	40.2	41.0	2.9	3.2	2.8	2.8	-
Electric distribution equipment	361	41.2	41.2	40.9	41.2	-	2.4	2.9	2.7	2.7	-
Transformers, except electronic	3612	41.6	41.6	41.3	41.5	-	2.9	3.4	3.3	3.3	-
Switchgear and switchboard apparatus	3613	40.7	40.8	40.5	40.8	-	1.8	2.3	2.1	2.0	-
Electrical industrial apparatus	362	41.4	42.3	41.5	41.4	-	3.1	3.6	2.8	2.9	-
Motors and generators	3621	41.3	42.2	41.2	41.1	-	3.4	3.9	3.0	2.9	-
Relays and industrial controls	3625	41.0	42.0	41.6	41.3	-	2.6	3.0	2.5	2.6	-
Household appliances	363	39.3	40.1	39.3	40.1	-	2.4	2.6	2.3	2.5	-
Household refrigerators and freezers	3632	37.5	38.8	39.2	39.7	-	2.9	2.8	2.3	2.4	-
Household laundry equipment	3633	41.3	41.0	40.1	41.9	-	2.2	3.4	1.9	1.7	-
Electric housewares and fans	3634	40.0	41.3	38.5	39.7	-	2.0	2.2	1.7	2.6	-
Electric lighting and wiring equipment	364	40.4	40.5	39.1	39.0	-	3.0	2.9	2.1	2.1	-
Electric lamps	3641	40.8	40.8	40.8	40.6	-	3.2	3.0	3.0	2.9	-
Current-carrying wiring devices	3643	40.5	40.0	38.9	38.3	-	3.1	2.8	2.2	1.9	-
Noncurrent-carrying wiring devices	3644	41.0	40.1	40.8	40.1	-	2.2	2.1	1.8	1.8	-
Residential lighting fixtures	3645	38.1	38.3	36.3	37.0	-	1.8	2.3	.9	1.7	-
Household audio and video equipment	365	40.2	40.9	38.6	38.9	-	2.6	3.4	2.7	3.0	-
Household audio and video equipment	3651	41.0	42.0	38.7	38.9	-	2.5	3.5	2.0	2.5	-
Communications equipment	366	42.0	42.1	41.4	41.1	-	2.5	2.7	3.5	3.0	-
Telephone and telegraph apparatus	3661	43.9	43.6	42.5	41.6	-	2.7	3.1	4.7	3.7	-
Electronic components and accessories	367	40.1	40.5	40.0	40.1	-	3.3	3.5	3.0	3.2	-
Electron tubes	3671	39.8	41.4	41.5	41.0	-	3.9	4.0	3.5	3.6	-
Semiconductors and related devices	3674	40.6	40.5	40.8	40.9	-	4.1	4.2	4.0	4.5	-
Electronic components, nec	3679	39.4	39.9	39.6	39.4	-	2.4	2.6	2.4	2.4	-
Misc. electrical equipment and supplies	369	41.0	41.3	40.2	40.1	-	3.2	3.3	2.3	2.4	-
Storage batteries	3691	39.4	40.0	39.7	39.7	-	1.9	2.2	2.0	2.1	-
Engine electrical equipment	3694	41.8	41.9	40.0	39.8	-	4.2	4.2	2.2	2.4	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p	May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p
Durable goods—Continued											
Industrial machinery and equipment	35	\$11.70	\$11.75	\$12.10	\$12.09	\$12.22	\$491.40	\$494.68	\$498.52	\$496.90	\$508.35
Engines and turbines	351	14.35	14.41	15.12	15.19	-	605.57	605.22	624.46	641.02	-
Turbines and turbine generator sets	3511	14.45	14.65	15.30	15.63	-	624.24	638.74	662.49	678.34	-
Internal combustion engines, nec	3519	14.32	14.32	15.04	14.99	-	600.01	592.85	607.62	625.08	-
Farm and garden machinery	352	10.80	10.95	11.19	11.19	-	451.44	453.33	461.03	454.31	-
Farm machinery and equipment	3523	11.94	11.98	12.21	12.33	-	496.70	498.37	495.73	495.67	-
Construction and related machinery	353	11.80	11.90	12.40	12.15	-	499.14	510.51	519.56	499.37	-
Construction machinery	3531	13.29	13.47	14.46	13.91	-	558.18	571.13	607.32	559.18	-
Mining machinery	3532	11.81	11.73	12.17	12.07	-	493.66	495.01	488.02	470.73	-
Oil and gas field machinery	3533	11.08	11.16	11.33	11.27	-	500.82	514.48	510.98	508.28	-
Conveyors and conveying equipment	3535	10.56	10.73	11.08	11.13	-	443.52	456.03	468.68	456.33	-
Industrial trucks and tractors	3537	10.33	10.36	10.58	10.73	-	412.17	413.36	398.87	409.89	-
Metalworking machinery	354	12.20	12.24	12.56	12.57	-	517.28	521.42	522.50	520.40	-
Machine tools, metal cutting types	3541	12.13	12.22	12.63	12.85	-	500.97	509.57	522.88	523.00	-
Machine tools, metal forming types	3542	12.33	12.39	12.41	12.33	-	526.49	532.77	508.81	504.30	-
Special dies, tools, jigs, and fixtures	3544	12.83	12.87	13.15	13.14	-	554.26	555.98	556.25	553.19	-
Machine tool accessories	3545	10.79	10.83	11.18	11.21	-	448.86	449.45	452.79	452.88	-
Power driven handtools	3546	9.93	10.06	10.32	10.43	-	411.10	419.50	423.12	431.80	-
Special industry machinery	355	11.89	11.88	12.33	12.31	-	501.76	502.52	509.23	507.17	-
Textile machinery	3552	10.11	10.18	10.36	10.39	-	428.66	435.70	425.80	428.07	-
Printing trades machinery	3555	13.92	13.83	14.13	14.13	-	549.84	543.52	542.59	544.01	-
Food products machinery	3556	11.76	11.57	12.19	12.20	-	489.22	482.47	505.89	501.42	-
General industrial machinery	356	11.33	11.32	11.62	11.68	-	474.73	476.57	472.93	476.54	-
Pumps and pumping equipment	3561	11.71	11.73	12.20	12.17	-	475.43	485.62	490.44	497.75	-
Ball and roller bearings	3562	12.18	12.20	12.20	12.47	-	524.96	529.48	495.32	510.02	-
Air and gas compressors	3563	11.55	11.55	11.94	12.10	-	507.05	503.58	513.42	523.93	-
Blowers and fans	3564	9.96	10.02	10.15	10.06	-	398.40	402.80	400.93	397.37	-
Speed changers, drives, and gears	3566	11.74	11.69	12.20	12.38	-	490.73	490.98	505.08	501.39	-
Power transmission equipment, nec	3568	10.95	10.82	11.28	11.26	-	462.09	452.28	453.46	448.15	-
Computer and office equipment	357	11.41	11.54	12.10	12.16	-	476.94	486.99	490.05	492.48	-
Electronic computers	3571	11.86	12.13	12.45	12.61	-	492.19	509.46	495.51	504.40	-
Computer terminals, calculators, and office machines, nec	3575,8,9	10.98	10.97	12.21	12.26	-	432.61	442.09	500.61	506.34	-
Refrigeration and service machinery	358	10.90	10.96	11.03	11.12	-	439.27	446.07	444.51	450.36	-
Refrigeration and heating equipment	3585	11.09	11.16	11.11	11.26	-	449.15	456.44	449.96	457.16	-
Misc. industrial and commercial machinery	359	11.54	11.55	11.78	11.77	-	488.14	487.41	491.23	489.63	-
Carburetors, pistons, rings, valves	3592	12.76	12.66	12.21	12.17	-	535.92	532.99	495.73	497.75	-
Scales, balances, and industrial machinery, nec	3596,9	11.20	11.20	11.54	11.51	-	472.64	470.40	482.37	478.82	-
Electronic and other electrical equipment	36	10.21	10.26	10.63	10.65	10.73	414.53	420.66	427.33	428.13	439.93
Electric distribution equipment	361	10.05	10.10	10.56	10.54	-	414.06	416.12	431.90	434.25	-
Transformers, except electronic	3612	9.81	9.85	10.31	10.28	-	408.10	409.76	425.80	426.62	-
Switchgear and switchboard apparatus	3613	10.31	10.37	10.85	10.84	-	419.62	423.10	439.43	442.27	-
Electrical industrial apparatus	362	9.97	9.97	10.17	10.21	-	412.76	421.73	422.06	422.69	-
Motors and generators	3621	9.96	9.92	9.84	9.86	-	411.35	418.62	405.41	405.25	-
Relays and industrial controls	3625	10.00	10.04	10.71	10.82	-	410.00	421.68	445.54	446.87	-
Household appliances	363	10.29	10.23	10.35	10.33	-	404.40	410.22	406.76	414.23	-
Household refrigerators and freezers	3632	11.49	11.30	11.62	11.62	-	430.88	438.44	455.50	461.31	-
Household laundry equipment	3633	12.33	12.53	12.36	12.36	-	509.23	513.73	495.64	517.88	-
Electric housewares and fans	3634	7.58	7.46	7.60	7.67	-	303.20	308.10	292.60	304.50	-
Electric lighting and wiring equipment	364	10.17	10.17	10.38	10.47	-	410.87	411.89	405.86	408.33	-
Electric lamps	3641	11.46	11.36	11.61	11.65	-	467.57	463.49	473.69	472.99	-
Current-carrying wiring devices	3643	9.92	9.91	10.33	10.34	-	401.76	396.40	401.84	396.02	-
Noncurrent-carrying wiring devices	3644	9.56	9.56	9.67	9.82	-	391.96	383.36	394.54	393.78	-
Residential lighting fixtures	3645	7.60	7.66	7.83	7.94	-	289.56	293.38	284.23	293.78	-
Household audio and video equipment	365	9.55	9.71	10.53	10.84	-	383.91	397.14	406.46	421.68	-
Household audio and video equipment	3651	9.87	10.02	10.91	11.24	-	404.67	420.84	422.22	437.24	-
Communications equipment	366	10.84	10.93	11.49	11.32	-	455.28	460.15	475.69	465.25	-
Telephone and telegraph apparatus	3661	11.28	11.51	12.16	11.96	-	495.19	501.84	516.80	497.54	-
Electronic components and accessories	367	9.85	9.94	10.33	10.37	-	394.99	402.57	413.20	415.84	-
Electron tubes	3671	12.05	12.05	12.07	12.25	-	479.59	498.87	500.91	502.25	-
Semiconductors and related devices	3674	11.93	12.19	12.46	12.50	-	484.36	493.70	508.37	511.25	-
Electronic components, nec	3679	9.25	9.31	9.58	9.58	-	364.45	371.47	379.37	377.45	-
Misc. electrical equipment and supplies	369	11.12	11.20	11.55	11.55	-	455.92	462.56	464.31	463.16	-
Storage batteries	3691	11.90	12.06	12.49	12.62	-	468.86	482.40	495.85	501.01	-
Engine electrical equipment	3694	12.01	12.04	12.09	12.00	-	502.02	504.48	483.60	477.60	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Durable goods—Continued											
Transportation equipment	37	42.8	42.8	41.2	41.5	42.5	4.6	4.7	3.1	3.5	-
Motor vehicles and equipment	371	43.8	43.9	41.3	42.0	43.3	5.2	5.4	2.9	3.7	-
Motor vehicles and car bodies	3711	44.0	43.9	41.2	41.6	-	5.3	5.4	3.0	3.9	-
Truck and bus bodies	3713	41.7	42.5	41.6	42.0	-	3.8	4.0	3.2	3.3	-
Motor vehicle parts and accessories	3714	44.4	44.6	41.3	42.4	-	5.6	5.8	2.7	3.7	-
Truck trailers	3715	40.3	41.2	40.3	41.0	-	2.6	3.2	2.2	2.6	-
Aircraft and parts	372	42.4	42.2	41.4	41.5	-	4.5	4.5	3.6	3.6	-
Aircraft	3721	42.2	41.7	41.1	41.6	-	4.4	4.1	3.7	4.0	-
Aircraft engines and engine parts	3724	42.6	42.8	42.1	41.5	-	4.9	5.3	4.0	3.6	-
Aircraft parts and equipment, nec	3728	42.6	42.6	41.3	41.2	-	4.3	4.4	3.3	2.9	-
Ship and boat building and repairing	373	40.3	40.5	40.2	39.9	-	3.1	3.0	2.6	2.5	-
Ship building and repairing	3731	41.1	40.9	41.0	40.5	-	3.1	2.9	2.7	2.5	-
Boat building and repairing	3732	39.1	39.8	38.4	38.5	-	2.9	3.1	2.5	2.4	-
Railroad equipment	374	41.6	41.4	41.0	41.0	-	2.6	3.4	2.0	1.6	-
Guided missiles, space vehicles, and parts	376	42.4	42.2	41.4	41.4	-	3.8	3.8	3.2	3.5	-
Guided missiles and space vehicles	3761	42.4	42.6	41.4	41.4	-	3.9	4.3	3.5	4.0	-
Misc. transportation equipment	379	40.3	39.7	39.7	40.2	-	2.9	2.5	2.6	2.5	-
Travel trailers and campers	3792	38.7	38.1	39.7	40.0	-	2.2	2.0	2.6	2.7	-
Instruments and related products	38	40.8	41.2	40.8	40.5	40.9	2.6	2.8	2.6	2.6	-
Search and navigation equipment	381	40.3	40.5	40.4	40.3	-	2.0	2.1	2.0	2.0	-
Measuring and controlling devices	382	41.1	41.5	40.7	40.4	-	2.6	2.9	2.2	2.1	-
Environmental controls	3822	40.7	40.4	39.3	39.3	-	2.4	2.4	1.6	2.1	-
Process control instruments	3823	42.4	43.5	41.2	41.0	-	3.7	4.3	2.6	2.4	-
Instruments to measure electricity	3825	40.2	40.9	40.5	40.1	-	2.0	2.1	2.0	1.6	-
Medical instruments and supplies	384	40.7	41.4	40.7	40.6	-	2.8	3.1	3.2	3.2	-
Surgical and medical instruments	3841	40.5	41.6	40.8	41.0	-	2.7	3.0	3.6	3.8	-
Surgical appliances and supplies	3842	40.5	40.9	40.3	39.9	-	2.6	3.0	2.8	2.6	-
Ophthalmic goods	385	39.9	40.5	39.7	39.9	-	2.6	2.4	2.3	2.6	-
Photographic equipment and supplies	386	42.2	41.9	42.5	41.9	-	3.7	3.4	4.1	3.5	-
Watches, clocks, watchcases, and parts	387	38.6	40.1	39.6	38.3	-	2.0	2.8	1.8	1.1	-
Miscellaneous manufacturing industries	39	39.3	39.4	39.1	39.2	39.7	2.4	2.4	2.3	2.3	-
Jewelry, silverware, and plated ware	391	37.7	38.0	37.8	37.9	-	1.5	1.4	1.7	1.7	-
Jewelry, precious metal	3911	37.1	37.4	37.5	37.7	-	1.4	1.2	1.9	1.8	-
Musical instruments	393	39.9	39.6	38.7	37.8	-	2.3	2.4	2.0	1.6	-
Toys and sporting goods	394	39.6	39.5	39.8	39.7	-	2.6	2.4	2.8	2.8	-
Dolls, games, toys, and children's vehicles	3942,4	38.6	39.4	39.6	39.2	-	1.9	1.7	2.5	2.4	-
Sporting and athletic goods, nec	3949	40.2	39.6	40.0	40.1	-	3.0	2.9	3.0	3.1	-
Pens, pencils, office, and art supplies	395	39.7	40.4	40.4	40.1	-	2.2	2.4	2.0	2.1	-
Costume jewelry and notions	396	40.5	40.9	39.4	40.1	-	3.0	3.0	1.5	2.1	-
Costume jewelry	3961	41.6	42.0	39.0	39.9	-	3.7	3.6	1.2	1.9	-
Miscellaneous manufactures	399	39.3	39.3	38.8	38.9	-	2.5	2.6	2.3	2.4	-
Signs and advertising specialties	3993	39.8	39.6	39.1	39.4	-	3.0	3.0	2.5	2.6	-
Nondurable goods		40.0	40.3	39.5	39.8	40.2	3.4	3.6	3.2	3.3	3.7
Food and kindred products	20	40.7	40.9	39.7	40.2	40.5	4.2	4.5	3.8	4.1	-
Meat products	201	40.4	40.3	38.6	39.3	-	4.2	4.4	3.2	3.7	-
Meat packing plants	2011	41.8	41.3	38.8	39.5	-	5.2	5.0	3.4	3.7	-
Sausages and other prepared meats	2013	40.8	41.7	40.6	41.5	-	4.8	5.2	4.3	5.0	-
Poultry slaughtering and processing	2015	39.3	39.1	37.8	38.5	-	3.3	3.7	2.6	3.2	-
Dairy products	202	41.2	41.3	40.8	40.8	-	4.8	4.9	4.3	4.4	-
Cheese, natural and processed	2022	39.6	39.6	39.4	39.0	-	4.1	3.8	3.7	3.6	-
Fluid milk	2026	41.6	41.9	41.0	41.5	-	4.9	5.0	4.4	4.7	-
Preserved fruits and vegetables	203	40.2	39.9	40.0	39.6	-	3.3	4.0	3.4	3.5	-
Canned specialties	2032	41.9	44.0	41.5	42.2	-	3.3	4.0	4.5	5.6	-
Canned fruits and vegetables	2033	40.8	38.9	40.2	39.5	-	3.4	4.2	3.6	3.1	-
Frozen fruits and vegetables	2037	38.8	38.1	39.2	37.0	-	3.1	3.8	3.7	2.9	-
Grain mill products	204	43.6	45.4	43.8	44.0	-	5.2	6.3	6.0	6.0	-
Flour and other grain mill products	2041	47.2	49.0	46.8	45.7	-	5.6	7.2	6.5	6.0	-
Prepared feeds, nec	2048	41.5	42.1	42.3	42.2	-	4.6	5.2	5.3	5.5	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p	May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p
Durable goods—Continued											
Transportation equipment	37	\$14.13	\$14.19	\$14.55	\$14.75	\$14.88	\$604.76	\$607.33	\$599.46	\$612.13	\$632.40
Motor vehicles and equipment	371	14.73	14.83	15.05	15.39	15.58	645.17	651.04	621.57	646.38	674.61
Motor vehicles and car bodies	3711	17.20	17.39	18.13	18.42	-	756.80	763.42	746.96	786.27	-
Truck and bus bodies	3713	12.57	12.52	12.76	13.12	-	524.17	532.10	530.82	551.04	-
Motor vehicle parts and accessories	3714	13.49	13.55	13.51	13.79	-	598.96	604.33	557.96	584.70	-
Truck trailers	3715	9.55	9.59	9.85	9.93	-	384.87	395.11	396.96	407.13	-
Aircraft and parts	372	14.68	14.69	15.36	15.38	-	622.43	619.92	635.90	638.27	-
Aircraft	3721	(^q)	(^q)	(^q)	(^q)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$14.63	\$14.57	\$15.11	\$15.03	-	\$623.24	\$623.60	\$636.13	\$623.75	-
Aircraft parts and equipment, nec	3728	13.26	13.27	13.85	13.89	-	564.88	565.30	572.01	572.27	-
Ship and boat building and repairing	373	10.83	10.85	11.34	11.33	-	436.45	439.43	455.87	452.07	-
Ship building and repairing	3731	11.87	11.80	12.13	12.14	-	487.86	482.62	497.33	491.67	-
Boat building and repairing	3732	8.87	9.00	9.34	9.32	-	346.82	358.20	358.66	358.82	-
Railroad equipment	374	13.34	13.30	13.80	13.63	-	554.94	550.62	565.80	558.83	-
Guided missiles, space vehicles, and parts	376	14.23	14.29	14.64	14.78	-	603.35	603.04	606.10	611.89	-
Guided missiles and space vehicles	3761	(^q)	(^q)	(^q)	(^q)	-	-	-	-	-	-
Misc. transportation equipment	379	\$10.89	\$10.88	\$10.99	\$11.03	-	\$438.87	\$431.94	\$436.30	\$443.41	-
Travel trailers and campers	3792	9.52	9.55	9.75	9.92	-	368.42	363.86	387.08	396.80	-
Instruments and related products	38	11.21	11.26	11.66	11.67	\$11.64	457.37	463.91	475.73	472.64	\$476.08
Search and navigation equipment	381	14.59	14.72	15.12	15.21	-	587.98	596.16	610.85	612.96	-
Measuring and controlling devices	382	10.59	10.63	11.13	11.11	-	435.25	441.15	452.99	448.84	-
Environmental controls	3822	9.28	9.33	9.81	9.83	-	377.70	376.93	385.53	386.32	-
Process control instruments	3823	10.26	10.39	10.90	10.72	-	435.02	451.97	449.08	439.52	-
Instruments to measure electricity	3825	10.72	10.67	11.36	11.45	-	430.94	436.40	460.08	459.15	-
Medical instruments and supplies	384	9.70	9.76	10.24	10.29	-	394.79	404.06	416.77	417.77	-
Surgical and medical instruments	3841	9.73	9.83	10.27	10.39	-	394.07	408.93	419.02	425.99	-
Surgical appliances and supplies	3842	9.49	9.51	10.00	9.96	-	384.35	388.96	403.00	397.40	-
Ophthalmic goods	385	8.14	8.13	8.46	8.45	-	324.79	329.27	335.86	337.16	-
Photographic equipment and supplies	386	14.09	14.14	14.39	14.29	-	594.60	592.47	611.58	598.75	-
Watches, clocks, watchcases, and parts	387	7.74	7.75	7.98	7.98	-	298.76	310.78	316.01	305.63	-
Miscellaneous manufacturing industries	39	8.59	8.61	8.78	8.84	8.91	337.59	339.23	343.30	346.53	353.73
Jewelry, silverware, and plated ware	391	9.19	9.22	9.28	9.38	-	346.46	350.36	350.78	355.50	-
Jewelry, precious metal	3911	9.14	9.16	9.24	9.33	-	339.09	342.58	346.50	351.74	-
Musical instruments	393	8.53	8.62	8.99	8.89	-	340.35	341.35	347.91	336.04	-
Toys and sporting goods	394	7.88	7.93	8.13	8.20	-	312.05	313.24	323.57	325.54	-
Dolls, games, toys, and children's vehicles	3942,4	7.83	7.73	7.98	7.97	-	302.24	304.56	316.01	312.42	-
Sporting and athletic goods, nec	3949	7.91	8.06	8.23	8.36	-	317.98	319.18	329.20	335.24	-
Pens, pencils, office, and art supplies	395	8.82	8.84	9.19	9.39	-	350.15	357.14	371.28	376.54	-
Costume jewelry and notions	396	7.50	7.49	7.56	7.66	-	303.75	306.34	297.86	307.17	-
Costume jewelry	3961	6.75	6.71	6.61	6.72	-	280.80	281.82	257.79	268.13	-
Miscellaneous manufactures	399	9.16	9.14	9.26	9.29	-	359.99	359.20	359.29	361.38	-
Signs and advertising specialties	3993	9.78	9.83	10.01	9.99	-	389.24	389.27	391.39	393.61	-
Nondurable goods		10.08	10.11	10.40	10.42	10.45	403.20	407.43	410.80	414.72	420.09
Food and kindred products	20	9.61	9.65	9.84	9.93	9.91	391.13	394.69	390.65	399.19	401.36
Meat products	201	7.95	7.98	8.00	8.10	-	321.18	321.59	308.80	318.33	-
Meat packing plants	2011	8.78	8.79	8.81	8.88	-	367.00	363.03	341.83	350.76	-
Sausages and other prepared meats	2013	9.44	9.40	9.39	9.49	-	385.15	391.98	381.23	393.84	-
Poultry slaughtering and processing	2015	6.82	6.89	6.91	7.04	-	268.03	269.40	261.20	271.04	-
Dairy products	202	10.53	10.49	10.72	10.77	-	433.84	433.24	437.38	439.42	-
Cheese, natural and processed	2022	9.80	9.62	9.78	9.94	-	388.08	380.95	385.33	387.66	-
Fluid milk	2026	10.99	11.03	11.25	11.26	-	457.18	462.16	461.25	467.29	-
Preserved fruits and vegetables	203	9.03	9.00	9.42	9.52	-	363.01	359.10	376.80	376.99	-
Canned specialties	2032	11.14	11.47	12.18	12.60	-	466.77	504.68	505.47	531.72	-
Canned fruits and vegetables	2033	9.22	9.37	9.72	9.94	-	376.18	364.49	390.74	392.63	-
Frozen fruits and vegetables	2037	8.16	7.97	8.58	8.47	-	316.61	303.66	336.34	313.39	-
Grain mill products	204	11.38	11.70	11.69	11.80	-	496.17	531.18	512.02	519.20	-
Flour and other grain mill products	2041	10.40	10.71	10.65	10.60	-	490.88	524.79	498.42	484.42	-
Prepared feeds, nec	2048	9.07	9.02	9.42	9.46	-	376.41	379.74	398.47	399.21	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	39.6	39.6	38.6	39.7	-	3.9	3.9	3.7	4.2	-
Bread, cake, and related products	2051	39.6	39.5	38.7	39.7	-	4.4	4.5	4.1	4.6	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	39.6	39.9	38.5	39.7	-	2.8	2.8	3.0	3.4	-
Sugar and confectionery products	206	40.1	41.5	38.7	39.2	-	2.9	3.4	2.4	2.2	-
Raw cane sugar	2061	39.4	41.4	43.6	42.0	-	2.9	3.2	4.7	3.7	-
Cane sugar refining	2062	46.6	48.8	45.4	44.1	-	7.6	9.7	7.2	6.1	-
Beet sugar	2063	38.2	38.7	37.0	39.2	-	2.2	3.0	1.7	2.0	-
Candy and other confectionery products	2064	39.0	40.8	37.0	38.1	-	2.1	2.6	1.5	1.5	-
Fats and oils	207	43.7	44.4	43.9	43.8	-	5.4	6.1	5.4	5.5	-
Beverages	208	41.6	42.4	41.4	42.0	-	4.8	5.1	4.8	5.3	-
Malt beverages	2082	42.8	44.0	42.8	44.0	-	6.9	7.2	6.9	7.7	-
Bottled and canned soft drinks	2086	41.8	41.9	41.3	41.9	-	4.8	4.8	4.5	5.1	-
Misc. food and kindred products	209	40.2	40.0	39.0	39.8	-	4.8	4.6	4.1	4.5	-
Tobacco products	21	39.1	39.4	37.7	38.6	38.8	1.7	2.0	1.6	2.4	-
Cigarettes	211	39.3	39.4	37.3	38.7	-	1.7	1.9	1.6	2.6	-
Textile mill products	22	40.1	40.6	39.6	40.1	41.1	3.5	3.9	3.4	3.7	-
Broadwoven fabric mills, cotton	221	39.9	39.9	39.5	39.5	-	3.8	4.1	4.1	4.1	-
Broadwoven fabric mills, synthetics	222	41.0	41.2	39.5	39.9	-	3.9	3.9	3.2	3.6	-
Broadwoven fabric mills, wool	223	41.1	42.0	40.3	41.8	-	3.7	4.7	3.8	4.1	-
Narrow fabric mills	224	40.5	41.0	40.3	40.2	-	2.8	3.1	3.0	2.9	-
Knitting mills	225	39.1	39.7	38.1	39.1	-	2.9	3.3	2.6	3.0	-
Women's hosiery, except socks	2251	38.3	38.8	37.6	37.7	-	2.6	2.6	2.2	2.4	-
Hosiery, nec	2252	37.8	38.9	36.4	37.3	-	2.1	2.7	1.5	1.8	-
Knit outerwear mills	2253	39.1	39.6	37.7	39.5	-	3.4	3.6	2.8	3.2	-
Knit underwear mills	2254	38.6	38.9	36.7	38.1	-	1.5	1.9	1.7	2.1	-
Weft knit fabric mills	2257	40.4	40.8	40.6	41.2	-	3.9	4.1	4.1	4.4	-
Textile finishing, except wool	226	41.7	42.5	42.6	43.1	-	4.5	5.4	5.7	5.9	-
Finishing plants, cotton	2261	40.9	42.1	41.7	41.7	-	3.7	4.9	5.2	5.2	-
Finishing plants, synthetics	2262	42.2	42.9	43.7	44.2	-	5.0	5.9	6.7	6.5	-
Carpets and rugs	227	41.3	43.1	41.6	42.2	-	4.0	4.6	3.8	4.3	-
Yarn and thread mills	228	39.9	40.0	39.0	39.5	-	3.6	3.6	3.2	3.6	-
Yarn spinning mills	2281	40.3	40.3	39.6	40.0	-	3.8	3.9	3.5	3.8	-
Throwing and winding mills	2282	37.1	37.9	34.1	35.7	-	2.2	2.5	1.6	2.2	-
Miscellaneous textile goods	229	40.7	41.2	40.6	40.8	-	3.5	3.9	2.9	3.0	-
Apparel and other textile products	23	36.5	36.9	36.3	36.7	37.2	1.5	1.7	1.5	1.6	-
Men's and boys' suits and coats	231	35.2	35.7	35.9	36.4	-	.7	.8	.8	.9	-
Men's and boys' furnishings	232	36.4	36.9	36.0	36.7	-	1.2	1.3	1.3	1.5	-
Men's and boys' shirts	2321	36.2	36.9	35.7	36.8	-	1.1	1.1	1.1	1.4	-
Men's and boys' trousers and slacks	2325	35.4	35.7	35.4	36.3	-	1.2	1.3	1.4	1.5	-
Men's and boys' work clothing	2326	36.8	37.6	35.9	36.4	-	1.0	1.5	1.1	1.0	-
Women's and misses' outerwear	233	34.8	35.4	35.4	35.4	-	1.2	1.5	1.4	1.5	-
Women's and misses' blouses and shirts	2331	35.6	36.7	35.6	35.3	-	1.0	1.2	.8	.6	-
Women's, juniors', and misses' dresses	2335	33.6	34.0	34.2	34.5	-	1.3	1.3	1.6	1.5	-
Women's and misses' suits and coats	2337	35.3	35.3	34.0	33.6	-	1.3	1.8	1.1	1.2	-
Women's and misses' outerwear, nec	2339	35.0	35.7	36.1	36.1	-	1.3	1.5	1.6	1.7	-
Women's and children's undergarments	234	37.6	37.8	37.3	37.4	-	1.2	1.4	1.3	1.3	-
Women's and children's underwear	2341	38.0	38.4	37.4	37.7	-	1.2	1.5	1.3	1.4	-
Brassieres, girdles, and allied garments	2342	35.3	34.5	36.7	35.8	-	1.1	1.0	1.6	1.0	-
Girls' and children's outerwear	236	36.7	36.6	36.3	37.9	-	1.5	1.5	1.6	2.2	-
Girls' and children's dresses and blouses	2361	35.5	35.9	35.1	36.9	-	1.5	1.7	1.3	1.9	-
Misc. apparel and accessories	238	37.3	37.2	36.8	36.9	-	1.7	1.4	1.5	1.6	-
Misc. fabricated textile products	239	38.8	39.1	37.9	38.4	-	2.6	2.9	2.1	2.2	-
Curtains and draperies	2391	36.9	37.3	36.7	36.9	-	1.6	2.0	1.8	1.6	-
House furnishings, nec	2392	37.8	38.3	36.4	36.7	-	2.1	2.2	1.5	1.7	-
Automotive and apparel trimmings	2396	40.3	40.8	39.6	39.5	-	3.6	4.1	2.5	2.6	-
Paper and allied products	26	43.2	43.4	42.6	42.8	43.0	4.6	4.6	4.4	4.5	-
Paper mills	262	45.3	45.2	44.7	44.8	-	5.2	5.0	5.3	5.4	-
Paperboard mills	263	45.5	45.5	44.6	44.8	-	7.7	6.6	6.5	6.7	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1990	June 1990	Apr. 1991	May 1991 ^a	June 1991 ^a	May 1990	June 1990	Apr. 1991	May 1991 ^a	June 1991 ^a
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	\$10.81	\$10.85	\$11.23	\$11.34	-	\$428.08	\$429.66	\$433.48	\$450.20	-
Bread, cake, and related products	2051	10.90	10.89	11.16	11.32	-	431.64	430.16	431.89	449.40	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	10.63	10.75	11.37	11.38	-	420.95	428.93	437.75	451.79	-
Sugar and confectionery products	206	10.48	10.50	10.79	10.79	-	420.25	435.75	417.57	422.97	-
Raw cane sugar	2061	10.18	10.18	9.77	10.07	-	401.09	421.45	425.97	422.94	-
Cane sugar refining	2062	14.01	14.15	14.53	14.23	-	652.87	690.52	659.66	627.54	-
Beet sugar	2063	11.48	11.43	11.78	11.46	-	438.54	442.34	435.86	449.23	-
Candy and other confectionery products	2064	9.29	9.37	9.84	9.91	-	362.31	382.30	364.08	377.57	-
Fats and oils	207	10.06	10.09	10.20	10.32	-	439.62	448.00	447.78	452.02	-
Beverages	208	13.44	13.37	13.73	13.80	-	559.10	566.89	568.42	579.60	-
Malt beverages	2082	18.63	18.45	18.95	18.95	-	797.36	811.80	811.06	833.80	-
Bottled and canned soft drinks	2086	10.80	10.79	11.14	11.22	-	451.44	452.10	460.08	470.12	-
Misc. food and kindred products	209	8.94	8.93	9.12	9.21	-	359.39	357.20	355.68	366.56	-
Tobacco products	21	17.03	17.12	17.56	17.84	\$18.11	665.87	674.53	662.01	688.62	\$702.67
Cigarettes	211	19.29	19.24	20.00	20.21	-	758.10	758.06	746.00	782.13	-
Textile mill products	22	7.98	8.02	8.20	8.21	8.25	320.00	325.61	324.72	329.22	339.08
Broadwoven fabric mills, cotton	221	8.23	8.32	8.49	8.48	-	328.38	331.97	335.36	334.96	-
Broadwoven fabric mills, synthetics	222	8.60	8.66	8.77	8.84	-	352.60	356.79	346.42	352.72	-
Broadwoven fabric mills, wool	223	8.67	8.86	8.68	8.75	-	356.34	372.12	349.80	365.75	-
Narrow fabric mills	224	7.31	7.35	7.78	7.78	-	296.06	301.35	313.53	312.76	-
Knitting mills	225	7.36	7.38	7.53	7.56	-	287.78	292.99	286.89	295.60	-
Women's hosiery, except socks	2251	6.86	6.85	7.03	7.08	-	262.74	265.78	264.33	266.92	-
Hosiery, nec	2252	7.01	7.03	7.17	7.20	-	264.98	273.47	260.99	268.56	-
Knit outerwear mills	2253	7.25	7.27	7.43	7.44	-	283.48	287.89	280.11	293.88	-
Knit underwear mills	2254	7.37	7.37	7.43	7.50	-	284.48	286.69	272.68	285.75	-
Weft knit fabric mills	2257	8.09	8.05	8.31	8.27	-	326.84	328.44	337.39	340.72	-
Textile finishing, except wool	226	8.38	8.42	8.75	8.71	-	349.45	357.85	372.75	375.40	-
Finishing plants, cotton	2261	8.32	8.39	8.73	8.63	-	340.29	353.22	364.04	359.87	-
Finishing plants, synthetics	2262	8.70	8.75	9.11	9.06	-	367.14	375.38	398.11	400.45	-
Carpets and rugs	227	8.18	8.23	8.28	8.35	-	337.83	354.71	344.45	352.37	-
Yarn and thread mills	228	7.66	7.67	7.86	7.85	-	305.63	306.80	306.54	310.08	-
Yarn spinning mills	2281	7.66	7.67	7.87	7.84	-	308.70	309.10	311.65	313.60	-
Throwing and winding mills	2282	7.84	7.88	7.97	8.04	-	290.86	298.65	271.78	287.03	-
Miscellaneous textile goods	229	9.18	9.18	9.37	9.41	-	373.63	378.22	380.42	383.93	-
Apparel and other textile products	23	6.58	6.60	6.72	6.73	6.77	240.17	243.54	243.94	246.99	251.84
Men's and boys' suits and coats	231	7.33	7.36	7.41	7.37	-	258.02	262.75	266.02	268.27	-
Men's and boys' furnishings	232	6.07	6.05	6.24	6.25	-	220.95	223.25	224.64	229.38	-
Men's and boys' shirts	2321	5.95	5.95	6.17	6.18	-	215.39	219.56	220.27	227.42	-
Men's and boys' trousers and slacks	2325	5.96	5.96	6.13	6.15	-	210.98	212.77	217.00	223.25	-
Men's and boys' work clothing	2326	5.93	5.93	6.10	6.07	-	218.22	222.97	218.99	220.95	-
Women's and misses' outerwear	233	6.20	6.24	6.41	6.43	-	215.76	220.90	226.91	227.62	-
Women's and misses' blouses and shirts	2331	5.52	5.55	5.81	5.79	-	196.51	203.69	206.84	204.39	-
Women's, juniors', and misses' dresses	2335	6.54	6.59	6.74	6.78	-	219.74	224.06	230.51	233.91	-
Women's and misses' suits and coats	2337	6.82	7.00	7.06	7.22	-	240.75	247.10	240.04	242.59	-
Women's and misses' outerwear, nec	2339	6.11	6.12	6.29	6.28	-	213.85	218.48	227.07	226.71	-
Women's and children's undergarments	234	6.20	6.20	6.45	6.46	-	233.12	234.36	240.59	241.60	-
Women's and children's underwear	2341	6.06	6.06	6.31	6.34	-	230.28	232.70	235.99	239.02	-
Brassieres, girdles, and allied garments	2342	6.97	7.02	7.23	7.15	-	246.04	242.19	265.34	255.97	-
Girls' and children's outerwear	236	5.89	5.92	6.18	6.13	-	216.16	216.67	224.33	232.33	-
Girls' and children's dresses and blouses	2361	5.77	5.75	6.08	5.95	-	204.84	206.43	213.41	219.56	-
Misc. apparel and accessories	238	6.43	6.32	6.57	6.53	-	239.84	235.10	241.78	240.96	-
Misc. fabricated textile products	239	7.94	8.01	7.94	7.97	-	308.07	313.19	300.93	306.05	-
Curtains and draperies	2391	6.60	6.53	6.73	6.75	-	243.54	243.57	246.99	249.08	-
House furnishings, nec	2392	6.61	6.70	6.86	6.79	-	249.86	256.61	249.70	249.19	-
Automotive and apparel trimmings	2396	11.49	11.51	10.90	10.96	-	463.05	469.61	431.64	432.92	-
Paper and allied products	26	12.25	12.23	12.56	12.63	12.66	529.20	530.78	535.06	540.56	544.38
Paper mills	262	15.00	14.92	15.33	15.39	-	679.50	674.38	685.25	689.47	-
Paperboard mills	263	15.31	14.97	15.50	15.68	-	696.61	681.14	691.30	702.46	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	42.6	42.9	42.1	42.2	-	4.4	4.7	4.1	4.0	-
Corrugated and solid fiber boxes	2653	43.3	43.4	42.4	42.7	-	5.0	5.1	4.5	4.5	-
Sanitary food containers	2656	44.7	44.5	44.0	44.2	-	4.5	4.8	4.7	4.4	-
Folding paperboard boxes	2657	41.6	42.5	41.4	41.5	-	4.2	4.7	3.6	3.6	-
Misc. converted paper products	267	41.6	41.9	41.1	41.3	-	3.6	3.7	3.5	3.5	-
Paper, coated and laminated, nec	2672	43.0	43.1	41.8	41.7	-	3.6	3.8	3.2	3.4	-
Bags: plastics, laminated, and coated	2673	41.4	41.6	40.0	40.5	-	4.5	4.7	3.7	3.8	-
Envelopes	2677	40.9	41.8	40.3	40.1	-	2.9	3.1	2.4	2.4	-
Printing and publishing	27	37.6	37.6	37.4	37.2	37.4	2.7	2.6	2.5	2.3	-
Newspapers	271	33.1	33.0	32.5	32.7	-	1.4	1.2	.9	1.0	-
Periodicals	272	37.4	37.2	37.5	37.0	-	2.8	2.6	2.6	2.3	-
Books	273	38.6	37.9	39.1	38.7	-	3.0	2.2	2.8	2.7	-
Book publishing	2731	39.5	37.9	39.2	38.9	-	2.7	1.7	2.3	2.3	-
Book printing	2732	37.5	37.8	39.0	38.3	-	3.4	2.8	3.4	3.2	-
Miscellaneous publishing	274	36.7	36.5	36.4	36.3	-	1.9	1.7	1.8	1.7	-
Commercial printing	275	39.0	39.0	38.8	38.5	-	3.2	3.1	3.0	2.7	-
Commercial printing, lithographic	2752	38.6	38.5	38.6	38.3	-	3.3	3.1	2.9	2.6	-
Commercial printing, nec	2759	39.7	39.9	39.3	38.9	-	3.0	3.0	3.1	2.8	-
Manifold business forms	276	40.7	42.0	40.7	39.9	-	2.7	3.7	3.0	2.6	-
Blankbooks and bookbinding	278	37.3	37.7	37.1	37.2	-	2.4	2.0	1.8	1.8	-
Printing trade services	279	39.2	38.9	39.0	38.6	-	3.9	3.8	3.8	3.4	-
Chemicals and allied products	28	42.4	42.6	42.5	42.3	43.1	4.2	4.4	4.3	4.2	-
Industrial inorganic chemicals	281	42.6	42.4	43.1	43.0	-	4.5	4.3	4.4	4.6	-
Industrial inorganic chemicals, nec	2819	42.1	42.1	43.1	42.9	-	4.2	4.1	4.4	4.5	-
Plastics materials and synthetics	282	42.3	42.7	42.1	42.2	-	4.9	5.1	4.6	4.6	-
Plastics materials and resins	2821	43.5	44.3	42.9	43.3	-	5.4	5.7	4.9	5.1	-
Organic fibers, noncellulosic	2824	41.3	41.1	41.3	41.0	-	4.4	4.5	4.1	3.9	-
Drugs	283	41.2	41.8	42.3	41.7	-	3.3	3.6	4.0	3.7	-
Pharmaceutical preparations	2834	41.1	41.8	42.3	41.5	-	3.1	3.6	3.8	3.6	-
Soap, cleaners, and toilet goods	284	40.8	41.3	40.3	40.3	-	2.7	3.5	2.8	2.7	-
Soap and other detergents	2841	42.2	43.4	41.5	41.1	-	4.3	5.5	4.5	4.2	-
Polishing, sanitation, and finishing preparations	2842,3	41.6	42.0	41.0	41.0	-	2.9	3.3	3.2	3.1	-
Toilet preparations	2844	39.5	39.7	39.0	39.2	-	1.8	2.4	1.4	1.3	-
Paints and allied products	285	42.6	42.3	41.1	41.7	-	4.2	4.1	2.8	3.5	-
Industrial organic chemicals	286	44.8	45.0	45.6	45.0	-	5.4	5.5	6.1	5.8	-
Cyclic crudes and intermediates	2865	43.6	44.2	46.5	43.2	-	4.8	5.6	6.4	4.2	-
Industrial organic chemicals, nec	2869	45.2	45.3	45.6	45.6	-	5.6	5.6	6.0	6.3	-
Agricultural chemicals	287	44.5	43.9	44.8	44.3	-	5.9	5.0	6.4	5.7	-
Miscellaneous chemical products	289	42.3	42.3	41.5	41.4	-	3.8	4.2	3.6	3.6	-
Petroleum and coal products	29	44.1	46.7	44.5	45.6	45.8	6.2	6.5	6.5	6.4	-
Petroleum refining	291	43.9	46.9	44.9	46.1	-	5.9	5.9	6.7	6.3	-
Asphalt paving and roofing materials	295	46.5	48.0	44.1	45.5	-	8.5	9.6	7.0	8.0	-
Rubber and misc. plastics products	30	41.4	41.7	40.6	40.8	41.2	3.7	3.9	3.2	3.3	-
Tires and inner tubes	301	43.5	43.2	41.7	42.0	-	5.1	5.0	4.0	4.1	-
Rubber and plastics footwear	302	41.0	40.8	41.6	42.4	-	2.2	1.9	2.8	3.7	-
Hose, belting, gaskets, and packing	305	43.0	43.0	40.6	41.3	-	3.8	3.8	2.7	2.9	-
Rubber and plastics hose and belting	3052	43.2	43.0	41.5	41.2	-	4.2	3.7	2.5	2.3	-
Fabricated rubber products, nec	306	41.3	41.9	39.9	39.9	-	3.3	3.7	2.3	2.3	-
Miscellaneous plastics products, nec	308	41.0	41.4	40.6	40.8	-	3.7	3.8	3.3	3.4	-
Leather and leather products	31	37.5	38.1	36.7	37.1	38.2	1.6	1.9	1.5	1.5	-
Leather tanning and finishing	311	41.3	41.8	42.4	42.5	-	3.5	4.5	4.6	4.4	-
Footwear, except rubber	314	36.8	37.5	35.2	35.7	-	1.2	1.4	1.0	1.1	-
Men's footwear, except athletic	3143	36.6	37.4	35.8	36.3	-	1.0	1.2	1.0	1.1	-
Women's footwear, except athletic	3144	36.8	37.7	34.0	34.7	-	1.3	1.5	.9	1.0	-
Luggage	316	39.5	39.9	41.2	40.8	-	2.1	2.9	2.6	1.9	-
Handbags and personal leather goods	317	36.6	36.9	35.9	35.9	-	1.9	1.6	.7	.7	-
Transportation and public utilities		39.0	39.4	38.4	38.6	39.0	-	-	-	-	-
Railroad transportation:											
Class I railroads ³	4011	45.2	47.6	46.0	45.3	-	-	-	-	-	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1990	June 1990	Apr. 1991	May 1991 ^a	June 1991 ^a	May 1990	June 1990	Apr. 1991	May 1991 ^a	June 1991 ^a
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	\$10.34	\$10.41	\$10.66	\$10.69	-	\$440.48	\$446.59	\$448.79	\$451.12	-
Corrugated and solid fiber boxes	2653	10.50	10.54	10.74	10.79	-	454.65	457.44	455.38	460.73	-
Sanitary food containers	2656	10.05	9.96	10.32	10.40	-	449.24	443.22	454.08	459.68	-
Folding paperboard boxes	2657	10.62	10.76	10.97	10.99	-	441.79	457.30	454.16	456.09	-
Misc. converted paper products	267	10.74	10.74	11.05	11.10	-	446.78	450.01	454.16	458.43	-
Paper, coated and laminated, nec	2672	12.04	11.97	12.54	12.53	-	517.72	515.91	524.17	522.50	-
Bags: plastics, laminated, and coated	2673	10.00	9.97	10.46	10.45	-	414.00	414.75	418.40	423.23	-
Envelopes	2677	10.00	10.07	10.32	10.27	-	409.00	420.93	415.90	411.83	-
Printing and publishing	27	11.17	11.16	11.43	11.47	\$11.53	419.99	419.62	427.48	426.68	\$431.22
Newspapers	271	11.17	11.22	11.35	11.40	-	369.73	370.26	368.88	372.78	-
Periodicals	272	11.93	11.82	12.05	12.21	-	446.18	439.70	451.88	451.77	-
Books	273	9.93	9.95	10.04	10.18	-	383.30	377.11	392.56	393.97	-
Book publishing	2731	9.63	9.62	9.79	9.97	-	380.39	364.60	383.77	387.83	-
Book printing	2732	10.34	10.38	10.36	10.45	-	387.75	392.36	404.04	400.24	-
Miscellaneous publishing	274	10.12	10.24	10.45	10.54	-	371.40	373.76	380.38	382.60	-
Commercial printing	275	11.43	11.43	11.77	11.80	-	445.77	445.77	456.68	454.30	-
Commercial printing, lithographic	2752	11.56	11.53	11.96	11.94	-	446.22	443.91	461.66	457.30	-
Commercial printing, nec	2759	11.12	11.17	11.34	11.46	-	441.46	445.68	445.66	445.79	-
Manifold business forms	276	11.57	11.62	11.98	11.90	-	470.90	488.04	487.59	474.81	-
Blankbooks and bookbinding	278	8.77	8.60	9.01	8.99	-	327.12	324.22	334.27	334.43	-
Printing trade services	279	13.73	13.66	13.80	13.79	-	538.22	531.37	538.20	532.29	-
Chemicals and allied products	28	13.47	13.53	13.96	14.02	14.10	571.13	576.38	593.30	593.05	607.71
Industrial inorganic chemicals	281	14.66	14.59	14.99	14.97	-	624.52	618.62	646.07	643.71	-
Industrial inorganic chemicals, nec	2819	14.71	14.63	15.34	15.33	-	619.29	615.92	661.15	657.66	-
Plastics materials and synthetics	282	13.88	13.95	14.57	14.68	-	587.12	595.67	613.40	619.50	-
Plastics materials and resins	2821	14.74	14.72	15.14	15.33	-	641.19	652.10	649.51	663.79	-
Organic fibers, noncellulosic	2824	13.27	13.33	14.07	14.07	-	548.05	547.86	581.09	576.87	-
Drugs	283	12.90	12.87	13.43	13.55	-	531.48	537.97	568.09	565.04	-
Pharmaceutical preparations	2834	12.92	12.89	13.48	13.61	-	531.01	538.80	570.20	564.82	-
Soap, cleaners, and toilet goods	284	11.58	11.78	12.08	12.12	-	472.46	486.51	486.82	488.44	-
Soap and other detergents	2841	15.49	15.81	15.46	15.46	-	653.68	686.15	641.59	635.41	-
Polishing, sanitation, and finishing preparations	2842,3	10.25	10.41	10.59	10.57	-	426.40	437.22	434.19	433.37	-
Toilet preparations	2844	9.93	9.98	10.58	10.69	-	392.24	396.21	412.62	419.05	-
Paints and allied products	285	12.06	12.01	12.41	12.52	-	513.76	508.02	510.05	522.08	-
Industrial organic chemicals	286	15.87	15.99	16.42	16.52	-	710.98	719.55	748.75	743.40	-
Cyclic crudes and intermediates	2865	15.82	16.02	16.11	16.04	-	689.75	708.08	749.12	692.93	-
Industrial organic chemicals, nec	2869	16.06	16.15	16.67	16.80	-	725.91	731.60	760.15	766.08	-
Agricultural chemicals	287	13.45	13.64	13.87	13.93	-	598.53	598.80	621.38	617.10	-
Miscellaneous chemical products	289	12.28	12.31	12.51	12.52	-	519.44	520.71	519.17	518.33	-
Petroleum and coal products	29	16.13	16.23	17.01	16.81	16.85	711.33	757.94	756.95	766.54	771.73
Petroleum refining	291	17.61	17.63	18.53	18.35	-	773.08	826.85	832.00	845.94	-
Asphalt paving and roofing materials	295	12.64	12.87	12.57	12.60	-	587.76	617.76	554.34	573.30	-
Rubber and misc. plastics products	30	9.72	9.75	10.02	10.07	10.09	402.41	406.58	406.81	410.86	415.71
Tires and inner tubes	301	15.31	15.40	15.90	16.03	-	665.99	665.28	663.03	673.26	-
Rubber and plastics footwear	302	6.59	6.63	6.80	6.91	-	270.19	270.50	282.88	292.98	-
Hose, belting, gaskets, and packing	305	9.65	9.68	10.02	9.97	-	414.95	416.24	406.81	411.76	-
Rubber and plastics hose and belting	3052	9.92	9.90	10.20	10.23	-	428.54	425.70	423.30	421.48	-
Fabricated rubber products, nec	306	9.31	9.36	9.55	9.54	-	384.50	392.18	381.05	380.65	-
Miscellaneous plastics products, nec	308	9.12	9.15	9.38	9.41	-	373.92	378.81	380.83	383.93	-
Leather and leather products	31	6.91	6.89	7.18	7.16	7.16	259.13	262.51	263.51	265.64	273.51
Leather tanning and finishing	311	8.96	9.05	9.53	9.41	-	370.05	378.29	404.07	399.93	-
Footwear, except rubber	314	6.60	6.57	6.81	6.77	-	242.88	246.38	239.71	241.69	-
Men's footwear, except athletic	3143	7.09	7.12	7.32	7.29	-	259.49	266.29	262.06	264.63	-
Women's footwear, except athletic	3144	6.14	6.06	6.37	6.35	-	225.95	228.46	216.58	220.35	-
Luggage	316	7.03	7.01	7.08	7.12	-	277.69	279.70	291.70	290.50	-
Handbags and personal leather goods	317	6.18	6.17	6.21	6.39	-	226.19	227.67	222.94	229.40	-
Transportation and public utilities		12.83	12.87	13.19	13.18	13.23	500.37	507.08	506.50	508.75	515.97
Railroad transportation:											
Class I railroads ¹	4011	16.06	15.93	15.60	15.52	-	725.91	758.27	717.60	703.06	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	33.8	34.0	32.1	33.3	-	-	-	-	-	-
Local and suburban transportation	411	38.2	38.7	37.4	37.5	-	-	-	-	-	-
Intercity and rural bus transportation	413	39.0	38.7	38.6	37.7	-	-	-	-	-	-
Trucking and warehousing	42	38.6	39.2	37.7	38.2	-	-	-	-	-	-
Trucking and courier services, except air	421	38.5	39.1	37.6	38.1	-	-	-	-	-	-
Public warehousing and storage	422	39.0	39.3	38.8	39.1	-	-	-	-	-	-
Pipelines, except natural gas	46	41.0	42.3	41.3	41.2	-	-	-	-	-	-
Transportation services:											
Passenger transportation arrangement	472	35.6	35.6	35.8	35.4	-	-	-	-	-	-
Travel agencies	4724	35.5	35.7	36.1	35.7	-	-	-	-	-	-
Freight transportation arrangement	473	37.4	37.5	36.7	36.9	-	-	-	-	-	-
Communications	48	39.1	39.7	38.9	38.9	-	-	-	-	-	-
Telephone communications	481	40.6	41.3	40.3	40.3	-	-	-	-	-	-
Radio and television broadcasting	483	34.5	34.7	34.1	34.2	-	-	-	-	-	-
Cable and other pay television services	484	38.2	38.5	38.3	38.7	-	-	-	-	-	-
Electric, gas, and sanitary services	49	41.7	41.7	41.6	41.6	-	-	-	-	-	-
Electric services	491	41.8	41.8	41.8	41.5	-	-	-	-	-	-
Gas production and distribution	492	41.7	41.7	41.9	41.8	-	-	-	-	-	-
Combination utility services	493	41.7	41.8	41.4	41.6	-	-	-	-	-	-
Sanitary services	495	42.1	42.1	41.5	42.1	-	-	-	-	-	-
Wholesale trade		38.0	38.2	37.9	38.1	38.5	-	-	-	-	-
Durable goods	50	38.5	38.7	38.4	38.5	-	-	-	-	-	-
Motor vehicles, parts, and supplies	501	38.0	38.2	37.5	37.6	-	-	-	-	-	-
Furniture and home furnishings	502	37.0	37.3	36.5	36.3	-	-	-	-	-	-
Lumber and other construction materials	503	39.8	39.9	39.6	40.3	-	-	-	-	-	-
Professional and commercial equipment	504	38.7	38.9	38.9	38.9	-	-	-	-	-	-
Metals and minerals, except petroleum	505	40.0	40.2	39.6	39.9	-	-	-	-	-	-
Electrical goods	506	38.4	38.6	38.4	38.4	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	38.4	38.7	38.5	38.7	-	-	-	-	-	-
Machinery, equipment, and supplies	508	38.8	39.1	38.8	38.9	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	37.1	37.2	36.9	37.0	-	-	-	-	-	-
Nondurable goods	51	37.4	37.5	37.3	37.5	-	-	-	-	-	-
Paper and paper products	511	37.6	37.8	36.8	37.1	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	37.1	37.1	37.0	37.0	-	-	-	-	-	-
Apparel, piece goods, and notions	513	36.3	36.5	36.5	36.2	-	-	-	-	-	-
Groceries and related products	514	37.8	38.0	37.9	38.0	-	-	-	-	-	-
Chemicals and allied products	516	40.0	40.3	39.5	39.1	-	-	-	-	-	-
Petroleum and petroleum products	517	37.9	38.4	37.5	38.2	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	36.4	36.8	36.4	36.5	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	37.0	37.0	37.0	37.4	-	-	-	-	-	-
Retail trade		28.7	29.2	28.3	28.5	29.1	-	-	-	-	-
Building materials and garden supplies	52	36.2	36.8	35.7	36.0	-	-	-	-	-	-
Lumber and other building materials	521	37.9	38.5	37.5	37.8	-	-	-	-	-	-
Hardware stores	525	32.0	32.8	31.9	31.9	-	-	-	-	-	-
General merchandise stores	53	28.2	28.6	28.0	28.4	-	-	-	-	-	-
Department stores	531	28.1	28.5	27.9	28.3	-	-	-	-	-	-
Variety stores	533	28.3	28.6	28.1	28.4	-	-	-	-	-	-
Misc. general merchandise stores	539	28.4	29.1	28.7	28.9	-	-	-	-	-	-
Food stores	54	29.7	30.4	29.0	29.2	-	-	-	-	-	-
Grocery stores	541	29.8	30.6	29.1	29.3	-	-	-	-	-	-
Retail bakeries	546	28.6	29.0	28.1	28.5	-	-	-	-	-	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p	May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	\$9.02	\$9.16	\$9.33	\$9.27	-	\$304.88	\$311.44	\$299.49	\$308.69	-
Local and suburban transportation	411	9.95	9.87	10.10	10.05	-	380.09	381.97	377.74	376.88	-
Intercity and rural bus transportation	413	11.34	11.60	12.47	12.66	-	442.26	448.92	481.34	477.28	-
Trucking and warehousing	42	11.75	11.66	11.82	11.91	-	453.55	457.07	445.61	454.96	-
Trucking and courier services, except air	421	11.90	11.80	11.96	12.06	-	458.15	461.38	449.70	459.49	-
Public warehousing and storage	422	9.54	9.57	9.81	9.84	-	372.06	376.10	380.63	384.74	-
Pipelines, except natural gas	46	17.06	16.97	17.89	17.74	-	699.46	717.83	738.86	730.89	-
Transportation services:											
Passenger transportation arrangement	472	9.12	9.09	9.41	9.37	-	324.67	323.60	336.88	331.70	-
Travel agencies	4724	9.12	9.14	9.53	9.51	-	323.76	326.30	344.03	339.51	-
Freight transportation arrangement	473	12.11	12.11	12.55	12.54	-	452.91	454.13	460.59	462.73	-
Communications	48	13.38	13.47	13.85	13.87	-	523.16	534.76	538.77	539.54	-
Telephone communications	481	14.01	14.10	14.45	14.51	-	568.81	582.33	582.34	584.75	-
Radio and television broadcasting	483	12.50	12.61	13.41	13.32	-	431.25	437.57	457.28	455.54	-
Cable and other pay television services	484	10.47	10.46	10.71	10.70	-	399.95	402.71	410.19	414.09	-
Electric, gas, and sanitary services	49	14.95	15.00	15.68	15.67	-	623.42	625.50	652.29	651.87	-
Electric services	491	15.70	15.68	16.34	16.33	-	656.26	655.42	683.01	677.70	-
Gas production and distribution	492	13.98	14.02	14.75	14.73	-	582.97	584.63	618.03	615.71	-
Combination utility services	493	16.76	17.01	18.19	18.23	-	698.89	711.02	753.07	758.37	-
Sanitary services	495	11.44	11.53	11.71	11.72	-	481.62	485.41	485.97	493.41	-
Wholesale trade		10.72	10.75	11.12	11.11	\$11.19	407.36	410.65	421.45	423.29	\$430.82
Durable goods	50	11.05	11.09	11.50	11.49	-	425.43	429.18	441.60	442.37	-
Motor vehicles, parts, and supplies	501	9.89	9.97	10.24	10.25	-	375.82	380.85	384.00	385.40	-
Furniture and home furnishings	502	10.10	10.16	10.28	10.37	-	373.70	378.97	375.22	376.43	-
Lumber and other construction materials	503	10.38	10.43	10.73	10.75	-	413.12	416.16	424.91	433.23	-
Professional and commercial equipment	504	13.03	13.04	13.79	13.73	-	504.26	507.26	536.43	534.10	-
Metals and minerals, except petroleum	505	11.17	11.27	11.60	11.61	-	446.80	453.05	459.36	463.24	-
Electrical goods	506	11.23	11.31	11.63	11.64	-	431.23	436.57	446.59	446.98	-
Hardware, plumbing, and heating equipment	507	10.49	10.47	10.76	10.82	-	402.82	405.19	414.26	418.73	-
Machinery, equipment, and supplies	508	11.04	11.07	11.40	11.40	-	428.35	432.84	442.32	443.46	-
Misc. wholesale trade durable goods	509	8.73	8.78	8.97	8.96	-	323.88	326.62	330.99	331.52	-
Nondurable goods	51	10.24	10.26	10.59	10.59	-	382.98	384.75	395.01	397.13	-
Paper and paper products	511	10.86	10.87	11.09	11.14	-	408.34	410.89	408.11	413.29	-
Drugs, proprietaries, and sundries	512	11.73	11.91	12.47	12.39	-	435.18	441.86	461.39	458.43	-
Apparel, piece goods, and notions	513	10.10	9.98	10.35	10.38	-	366.63	364.27	377.78	375.76	-
Groceries and related products	514	10.43	10.41	10.78	10.78	-	394.25	395.58	408.56	409.64	-
Chemicals and allied products	516	12.44	12.47	12.55	12.52	-	497.60	502.54	495.73	489.53	-
Petroleum and petroleum products	517	10.19	10.27	10.27	10.25	-	386.20	394.37	385.13	391.55	-
Beer, wine, and distilled beverages	518	12.00	12.05	12.67	12.81	-	436.80	443.44	461.19	467.57	-
Misc. wholesale trade nondurable goods	519	8.51	8.52	8.90	8.89	-	314.87	315.24	329.30	332.49	-
Retail trade		6.73	6.74	6.98	6.98	6.98	193.15	196.81	197.53	198.93	203.12
Building materials and garden supplies	52	7.92	7.93	8.07	8.07	-	286.70	291.82	288.10	290.52	-
Lumber and other building materials	521	8.28	8.30	8.44	8.43	-	313.81	319.55	316.50	318.65	-
Hardware stores	525	6.69	6.67	6.99	6.99	-	214.08	218.78	222.98	222.98	-
General merchandise stores	53	6.83	6.81	7.06	7.06	-	192.61	194.77	197.68	200.50	-
Department stores	531	6.98	6.96	7.18	7.18	-	196.14	198.36	200.32	203.19	-
Variety stores	533	5.47	5.53	5.78	5.79	-	154.80	158.16	162.42	164.44	-
Misc. general merchandise stores	539	6.31	6.27	6.84	6.83	-	179.20	182.46	196.31	197.39	-
Food stores	54	7.35	7.30	7.60	7.59	-	218.30	221.92	220.40	221.63	-
Grocery stores	541	7.43	7.38	7.68	7.68	-	221.41	225.83	223.49	225.02	-
Retail bakeries	546	6.33	6.32	6.51	6.57	-	182.30	183.28	182.93	187.25	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Retail trade—Continued											
Automotive dealers and service stations	55	35.9	36.5	35.8	36.0	-	-	-	-	-	-
New and used car dealers	551	37.1	37.3	37.2	37.3	-	-	-	-	-	-
Auto and home supply stores	553	37.8	38.6	38.0	38.2	-	-	-	-	-	-
Gasoline service stations	554	33.6	34.3	33.0	33.4	-	-	-	-	-	-
Automotive dealers, nec	559	34.8	35.2	35.0	34.9	-	-	-	-	-	-
Apparel and accessory stores	56	26.8	27.4	26.6	26.4	-	-	-	-	-	-
Men's and boys' clothing stores	561	28.1	29.2	27.8	28.2	-	-	-	-	-	-
Women's clothing stores	562	24.0	24.3	24.0	23.9	-	-	-	-	-	-
Family clothing stores	565	27.2	27.6	27.3	26.9	-	-	-	-	-	-
Shoe stores	566	30.0	31.0	29.9	29.8	-	-	-	-	-	-
Furniture and home furnishings stores	57	32.8	33.2	32.3	32.4	-	-	-	-	-	-
Furniture and home furnishings stores	571	33.3	33.7	32.8	32.9	-	-	-	-	-	-
Household appliance stores	572	33.4	33.7	32.8	32.6	-	-	-	-	-	-
Radio, television, and computer stores	573	31.7	32.2	31.5	31.5	-	-	-	-	-	-
Radio, television, and electronic stores	5731	31.5	31.9	30.9	31.1	-	-	-	-	-	-
Record and prerecorded tape stores	5735	26.1	27.2	25.2	25.1	-	-	-	-	-	-
Eating and drinking places ⁴	58	25.2	25.7	24.6	24.9	-	-	-	-	-	-
Miscellaneous retail establishments	59	29.6	29.8	29.1	29.6	-	-	-	-	-	-
Drug stores and proprietary stores	591	27.1	27.8	27.3	27.4	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	27.9	28.6	27.5	27.6	-	-	-	-	-	-
Nonstore retailers	596	32.9	32.9	33.1	33.6	-	-	-	-	-	-
Fuel dealers	598	36.9	37.2	37.3	37.2	-	-	-	-	-	-
Retail stores, nec	599	32.8	31.2	30.7	32.4	-	-	-	-	-	-
Finance, insurance, and real estate⁵		35.6	35.8	35.6	35.5	36.1	-	-	-	-	-
Depository institutions	60	35.2	35.5	35.2	35.1	-	-	-	-	-	-
Commercial banks	602	35.1	35.3	35.0	34.9	-	-	-	-	-	-
Credit unions	606	35.4	35.8	35.4	35.4	-	-	-	-	-	-
Nondepository institutions	61	37.5	37.4	37.7	37.5	-	-	-	-	-	-
Personal credit institutions	614	37.9	37.5	37.6	37.3	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services	628	37.4	37.2	37.4	36.9	-	-	-	-	-	-
Insurance carriers	63	37.2	37.3	37.3	37.1	-	-	-	-	-	-
Life insurance	631	36.9	37.0	36.6	36.3	-	-	-	-	-	-
Medical service and health insurance	632	38.0	38.2	38.2	38.2	-	-	-	-	-	-
Fire, marine, and casualty insurance	633	37.0	37.1	37.2	37.2	-	-	-	-	-	-
Services		32.3	32.6	32.3	32.3	32.7	-	-	-	-	-
Hotels and other lodging places:											
Hotels and motels ¹	701	30.8	31.0	30.1	30.3	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services	721	34.5	34.4	34.2	34.3	-	-	-	-	-	-
Beauty shops ⁴	723	29.4	29.4	29.6	29.6	-	-	-	-	-	-
Miscellaneous personal services	729	25.6	24.9	29.1	26.4	-	-	-	-	-	-
Business services	73	33.1	33.2	33.0	33.0	-	-	-	-	-	-
Advertising	731	36.9	36.6	36.2	36.2	-	-	-	-	-	-
Services to buildings	734	28.9	29.1	28.4	28.6	-	-	-	-	-	-
Personnel supply services:											
Help supply services	7363	30.8	31.1	30.7	30.5	-	-	-	-	-	-
Computer and data processing services	737	38.0	38.0	37.9	37.8	-	-	-	-	-	-
Computer programming services	7371	38.3	38.4	38.6	38.1	-	-	-	-	-	-
Miscellaneous business services	738	34.3	34.2	34.0	34.0	-	-	-	-	-	-
Detective and armored car services	7381	34.0	33.8	33.8	33.8	-	-	-	-	-	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1990	June 1990	Apr. 1991	May 1991 ²	June 1991 ²	May 1990	June 1990	Apr. 1991	May 1991 ²	June 1991 ²
Retail trade—Continued											
Automotive dealers and service stations	55	\$8.88	\$8.99	\$9.08	\$9.09	-	\$318.79	\$328.14	\$325.06	\$327.24	-
New and used car dealers	551	11.00	11.23	11.16	11.17	-	408.10	418.88	415.15	416.64	-
Auto and home supply stores	553	7.76	7.82	7.98	8.07	-	293.33	301.85	303.24	308.27	-
Gasoline service stations	554	6.22	6.26	6.42	6.45	-	208.99	214.72	211.86	215.43	-
Automotive dealers, nec	559	10.78	10.71	10.58	10.41	-	375.14	376.99	370.30	363.31	-
Apparel and accessory stores	56	6.24	6.27	6.62	6.67	-	167.23	171.80	176.09	176.09	-
Men's and boys' clothing stores	561	7.70	7.70	8.12	8.13	-	216.37	224.84	225.74	229.27	-
Women's clothing stores	562	5.95	5.96	6.40	6.45	-	142.80	144.83	153.60	154.16	-
Family clothing stores	565	6.11	6.20	6.49	6.51	-	166.19	171.12	177.18	175.12	-
Shoe stores	566	6.18	6.16	6.59	6.66	-	185.40	190.96	197.04	198.47	-
Furniture and home furnishings stores	57	8.51	8.54	8.90	8.89	-	279.13	283.53	287.47	288.04	-
Furniture and home furnishings stores	571	8.37	8.41	8.66	8.62	-	278.72	283.42	284.05	283.60	-
Household appliance stores	572	8.69	8.72	9.31	9.31	-	290.25	293.86	305.37	303.51	-
Radio, television, and computer stores	573	8.69	8.69	9.20	9.24	-	275.47	279.82	289.80	291.06	-
Radio, television, and electronic stores	5731	8.66	8.69	9.16	9.16	-	272.79	277.21	283.04	284.88	-
Record and prerecorded tape stores	5735	5.15	5.06	5.75	5.81	-	134.42	137.63	144.90	145.83	-
Eating and drinking places ¹	58	4.96	4.96	5.16	5.17	-	124.99	127.47	126.94	128.73	-
Miscellaneous retail establishments	59	7.09	7.10	7.44	7.43	-	209.86	211.58	216.50	219.93	-
Drug stores and proprietary stores	591	6.72	6.73	7.17	7.22	-	182.11	187.09	195.74	197.83	-
Miscellaneous shopping goods stores	594	6.65	6.61	7.01	7.00	-	185.54	189.05	192.78	193.20	-
Nonstore retailers	596	8.00	8.05	8.26	8.28	-	263.20	264.85	273.41	278.21	-
Fuel dealers	598	9.70	9.67	10.07	10.03	-	357.93	359.72	375.61	373.12	-
Retail stores, nec	599	7.26	7.42	7.61	7.54	-	238.13	231.50	233.63	244.30	-
Finance, insurance, and real estate¹		9.89	9.89	10.36	10.37	\$10.43	352.08	354.06	368.82	368.14	\$376.52
Depository institutions	60	8.40	8.40	8.73	8.73	-	295.68	298.20	307.30	306.42	-
Commercial banks	602	8.09	8.09	8.39	8.37	-	283.96	285.58	293.65	292.11	-
Credit unions	606	8.07	8.04	8.41	8.42	-	285.68	287.83	297.71	298.07	-
Nondepository institutions	61	10.26	10.34	10.82	10.85	-	384.75	386.72	407.91	406.88	-
Personal credit institutions	614	9.11	9.24	9.69	9.64	-	345.27	346.50	364.34	359.57	-
Security and commodity brokers:											
Security and commodity services	628	12.84	12.98	14.02	14.06	-	480.22	482.86	524.35	518.81	-
Insurance carriers	63	11.09	11.13	11.68	11.73	-	412.55	415.15	435.66	435.18	-
Life insurance	631	10.35	10.35	10.79	10.81	-	381.92	382.95	394.91	392.40	-
Medical service and health insurance	632	10.64	10.71	11.04	11.12	-	404.32	409.12	421.73	424.78	-
Fire, marine, and casualty insurance	633	11.91	11.94	12.58	12.61	-	440.67	442.97	467.98	469.09	-
Services		9.75	9.73	10.19	10.20	10.19	314.93	317.20	329.14	329.46	333.21
Hotels and other lodging places:											
Hotels and motels ¹	701	6.99	6.93	7.22	7.20	-	215.29	214.83	217.32	218.16	-
Personal services:											
Laundry, cleaning, and garment services	721	6.81	6.81	7.02	7.02	-	234.95	234.26	240.08	240.79	-
Beauty shops ¹	723	7.16	7.22	7.26	7.42	-	210.50	212.27	214.90	219.63	-
Miscellaneous personal services	729	7.24	7.28	6.95	7.65	-	185.34	181.27	202.25	201.96	-
Business services	73	9.46	9.46	9.77	9.78	-	313.13	314.07	322.41	322.74	-
Advertising	731	13.39	13.49	13.74	13.69	-	494.09	493.73	497.39	495.58	-
Services to buildings	734	7.22	7.28	7.33	7.34	-	208.66	211.85	208.17	209.92	-
Personnel supply services:											
Help supply services	7363	8.08	8.05	8.36	8.31	-	248.86	250.36	256.65	253.46	-
Computer and data processing services	737	15.01	15.04	15.45	15.58	-	570.38	571.52	585.56	588.92	-
Computer programming services	7371	17.65	17.56	17.61	17.80	-	676.00	674.30	679.75	678.18	-
Miscellaneous business services	738	7.95	7.94	8.16	8.20	-	272.69	271.55	277.44	278.80	-
Detective and armored car services	7381	6.20	6.27	6.36	6.39	-	210.80	211.93	214.97	215.98	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P	May 1990	June 1990	Apr. 1991	May 1991 ^P	June 1991 ^P
Services—Continued											
Auto repair, services, and parking	75	36.6	37.1	36.1	36.6	-	-	-	-	-	-
Automotive repair shops	753	38.2	38.8	37.8	38.1	-	-	-	-	-	-
Miscellaneous repair services	76	38.1	38.4	37.8	38.0	-	-	-	-	-	-
Motion pictures	78	26.1	27.5	27.2	27.4	-	-	-	-	-	-
Motion picture production and services	781	34.3	36.0	36.5	37.7	-	-	-	-	-	-
Amusement and recreation services	79	26.4	28.0	26.0	26.2	-	-	-	-	-	-
Misc. amusement and recreation services	799	25.6	27.8	25.0	25.5	-	-	-	-	-	-
Physical fitness facilities	7991	18.5	18.7	17.5	17.6	-	-	-	-	-	-
Membership sports and recreation clubs	7997	29.3	30.0	28.6	29.2	-	-	-	-	-	-
Health services	80	32.2	32.6	32.4	32.4	-	-	-	-	-	-
Offices and clinics of medical doctors	801	31.4	31.6	32.0	31.6	-	-	-	-	-	-
Offices and clinics of dentists	802	28.2	28.3	28.4	28.2	-	-	-	-	-	-
Offices and clinics of other health practitioners	804	29.5	29.8	29.3	29.1	-	-	-	-	-	-
Nursing and personal care facilities	805	31.6	31.9	31.8	31.7	-	-	-	-	-	-
Intermediate care facilities	8052	30.6	30.9	30.8	30.9	-	-	-	-	-	-
Hospitals	806	34.0	34.5	34.2	34.1	-	-	-	-	-	-
Home health care services	808	25.0	25.1	25.7	25.7	-	-	-	-	-	-
Legal services	81	34.5	34.9	34.7	34.7	-	-	-	-	-	-
Social services:											
Child day care services	835	29.7	29.7	29.6	29.6	-	-	-	-	-	-
Engineering and management services	87	37.0	37.2	37.7	37.0	-	-	-	-	-	-
Engineering and architectural services	871	38.9	39.2	38.8	38.6	-	-	-	-	-	-
Engineering services	8711	39.3	39.6	39.1	38.9	-	-	-	-	-	-
Architectural services	8712	37.4	37.9	37.9	37.7	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	872	36.9	36.9	40.5	37.6	-	-	-	-	-	-
Research and testing services	873	36.0	36.1	36.2	36.1	-	-	-	-	-	-
Management and public relations	874	35.3	35.4	35.0	35.2	-	-	-	-	-	-
Services, nec	89	37.1	36.8	35.3	35.6	-	-	-	-	-	-

See footnotes at end of table.

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

C-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1990	June 1990	Apr. 1991	May 1991 ^a	June 1991 ^a	May 1990	June 1990	Apr. 1991	May 1991 ^a	June 1991 ^a
Services—Continued											
Auto repair, services, and parking	75	\$8.76	\$8.75	\$8.99	\$8.98	-	\$320.62	\$324.63	\$324.54	\$328.67	-
Automotive repair shops	753	9.67	9.66	9.82	9.84	-	369.39	374.81	371.20	374.90	-
Miscellaneous repair services	76	10.28	10.31	10.58	10.60	-	391.67	395.90	399.92	402.80	-
Motion pictures	78	10.42	10.02	11.74	12.16	-	271.96	275.55	319.33	333.18	-
Motion picture production and services	781	16.12	15.76	17.95	18.36	-	552.92	567.36	655.18	692.17	-
Amusement and recreation services	79	8.26	7.85	8.56	8.01	-	218.06	219.80	222.56	209.86	-
Misc. amusement and recreation services	799	7.47	7.11	7.60	7.46	-	191.23	197.66	190.00	190.23	-
Physical fitness facilities	7991	7.82	7.71	7.83	7.88	-	144.67	144.18	137.03	138.69	-
Membership sports and recreation clubs	7997	7.31	6.98	7.70	7.63	-	214.18	209.40	220.22	222.80	-
Health services	80	10.32	10.33	10.83	10.95	-	332.30	336.76	350.89	354.78	-
Offices and clinics of medical doctors	801	10.44	10.51	11.14	11.09	-	327.82	332.12	356.48	350.44	-
Offices and clinics of dentists	802	10.08	10.13	10.54	10.59	-	284.26	286.68	299.34	298.64	-
Offices and clinics of other health practitioners	804	8.87	8.93	9.37	9.34	-	261.67	266.11	274.54	271.79	-
Nursing and personal care facilities	805	7.21	7.22	7.52	7.52	-	227.84	230.32	239.14	238.38	-
Intermediate care facilities	8052	6.49	6.53	6.92	6.94	-	198.59	201.78	213.14	214.45	-
Hospitals	806	11.69	11.65	12.26	12.52	-	397.46	401.93	419.29	426.93	-
Home health care services	808	8.61	8.68	9.18	9.30	-	215.25	217.87	235.93	239.01	-
Legal services	81	13.99	14.19	14.47	14.49	-	482.66	495.23	502.11	502.80	-
Social services:											
Child day care services	835	5.98	6.00	6.27	6.27	-	177.61	178.20	185.59	185.59	-
Engineering and management services	87	13.45	13.46	13.95	14.00	-	497.65	500.71	525.92	518.00	-
Engineering and architectural services	871	14.64	14.56	15.37	15.38	-	569.50	570.75	596.36	593.67	-
Engineering services	8711	15.14	15.09	15.88	15.89	-	595.00	597.56	620.91	618.12	-
Architectural services	8712	13.69	13.57	14.42	14.43	-	512.01	514.30	546.52	544.01	-
Accounting, auditing, and bookkeeping	872	12.05	12.18	12.23	12.32	-	444.65	449.44	495.32	463.23	-
Research and testing services	873	13.86	13.86	14.82	14.78	-	498.96	500.35	536.48	533.56	-
Management and public relations	874	12.48	12.46	12.81	12.76	-	440.54	441.08	448.35	449.15	-
Services, nec	89	13.55	13.71	14.77	14.63	-	502.71	504.53	521.38	520.83	-

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

² See table C-2a for average hourly earnings in aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing.

³ Data relate to line-haul railroads with operating revenues of \$50,000,000 or more.

⁴ Money payments only; tips, not included.

⁵ Excludes nonoffice commissioned real estate sales agents.

- Data not available.

^a = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1990 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1990 forward are subject to revision.

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

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

Because of special circumstances in the aerospace

industry, BLS has calculated average hourly earnings series for SIC 3721 and SIC 3761 which include lump-sum payments. These series, beginning in October 1983, the effective date of the first aerospace bargaining agreement using lump-sum payments, were published in the June 1988 issue of *Employment and Earnings*. Current and year earlier data are presented in table C-2a along with the average hourly earnings series produced as part of the Current Employment Statistics program. An explanation of the methodology used to derive these series appears in the Explanatory Notes of this publication.

C-2a. Average hourly earnings in aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing

Series	Aircraft (SIC 3721)				Guided missiles and space vehicles (SIC 3761)			
	Apr. 1990	May 1990	Apr. 1991	May 1991 ¹	Apr. 1990	May 1990	Apr. 1991	May 1991 ¹
Average hourly earnings, excluding lump-sum payments	\$15.50	\$15.61	\$16.48	\$16.53	\$14.54	\$14.67	\$14.98	\$15.12
Average hourly earnings, including lump-sum payments	16.22	16.34	16.95	16.99	15.03	15.12	15.36	15.48

¹ = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

C-3. Average hourly earnings, excluding overtime,¹ of production workers on manufacturing payrolls

Industry	May 1990	June 1990	Apr. 1991	May 1991 ^p	June 1991 ^p
Manufacturing	\$10.35	\$10.36	\$10.69	\$10.72	\$10.73
Durable goods	10.84	10.86	11.22	11.27	11.28
Lumber and wood products	8.70	8.68	8.84	8.87	()
Furniture and fixtures	8.22	8.25	8.48	8.45	()
Stone, clay, and glass products	10.49	10.48	10.78	10.77	()
Primary metal industries	12.11	12.15	12.60	12.62	()
Fabricated metal products	10.33	10.37	10.71	10.74	()
Industrial machinery and equipment	11.19	11.22	11.63	11.64	()
Electronic and other electrical equipment	9.85	9.88	10.28	10.29	()
Transportation equipment	13.42	13.46	14.03	14.16	()
Instruments and related products	10.86	10.88	11.30	11.31	()
Miscellaneous manufacturing	8.33	8.35	8.53	8.59	()
Nondurable goods	9.67	9.68	9.99	10.01	\$9.99
Food and kindred products	9.14	9.15	9.39	9.45	()
Tobacco products	16.68	16.70	17.19	17.31	()
Textile mill products	7.64	7.65	7.86	7.85	()
Apparel and other textile products	6.45	6.45	6.58	6.58	()
Paper and allied products	11.63	11.61	11.95	12.00	()
Printing and publishing	10.78	10.79	11.07	11.13	()
Chemicals and allied products	12.83	12.86	13.29	13.36	()
Petroleum and coal products	15.07	15.18	15.84	15.71	()
Rubber and misc. plastics products	9.30	9.31	9.64	9.68	()
Leather and leather products	6.77	6.73	7.04	7.01	()

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

² Not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1990 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1990 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

C-4. Average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry, in current and constant (1982) dollars

Industry	Average hourly earnings					* Average weekly earnings				
	May 1990	June 1990	Apr. 1991	May 1991 ²	June 1991 ²	May 1990	June 1990	Apr. 1991	May 1991 ²	June 1991 ²
Total private:										
Current dollars	\$9.96	\$9.97	\$10.30	\$10.31	\$10.33	\$342.62	\$346.96	\$350.20	\$352.60	\$358.45
Constant (1982) dollars	7.57	7.53	7.49	7.47	(³)	260.35	262.05	254.51	255.32	(³)
Mining:										
Current dollars	13.60	13.70	14.12	14.09	\$14.31	587.52	608.28	619.87	624.19	\$641.09
Constant (1982) dollars	10.33	10.35	10.26	10.20	(³)	446.44	459.43	450.49	451.98	(³)
Construction:										
Current dollars	13.73	13.68	13.99	13.96	\$13.89	525.86	534.89	528.82	533.27	\$538.93
Constant (1982) dollars	10.43	10.33	10.17	10.11	(³)	399.59	404.00	384.32	386.15	(³)
Manufacturing:										
Current dollars	10.80	10.84	11.11	11.15	\$11.21	441.72	445.52	445.51	449.35	\$458.49
Constant (1982) dollars	8.21	8.19	8.07	8.07	(³)	335.65	336.50	323.77	325.38	(³)
Transportation and public utilities:										
Current dollars	12.83	12.87	13.19	13.18	\$13.23	500.37	507.08	506.50	508.75	\$515.97
Constant (1982) dollars	9.75	9.72	9.59	9.54	(³)	380.22	382.99	368.10	368.39	(³)
Wholesale trade:										
Current dollars	10.72	10.75	11.12	11.11	\$11.19	407.36	410.65	421.45	423.29	\$430.82
Constant (1982) dollars	8.15	8.12	8.08	8.04	(³)	309.54	310.16	306.29	306.51	(³)
Retail trade:										
Current dollars	6.73	6.74	6.98	6.98	\$6.98	193.15	196.81	197.53	198.93	\$203.12
Constant (1982) dollars	5.11	5.09	5.07	5.05	(³)	146.77	148.65	143.55	144.05	(³)
Finance, insurance, and real estate:										
Current dollars	9.89	9.89	10.36	10.37	\$10.43	352.08	354.06	368.82	368.14	\$376.52
Constant (1982) dollars	7.52	7.47	7.53	7.51	(³)	267.54	267.42	268.04	266.57	(³)
Services:										
Current dollars	9.75	9.73	10.19	10.20	\$10.19	314.93	317.20	329.14	329.46	\$333.21
Constant (1982) dollars	7.41	7.35	7.41	7.39	(³)	239.31	239.58	239.20	238.57	(³)

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

² Not available.

³ = 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 1990 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1990 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

C-5. Average weekly hours of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted

Industry	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ²	June ²
Total private	34.6	34.5	34.5	34.6	34.2	34.4	34.6	34.1	34.3	34.2	34.0	34.3	34.5
Mining	44.4	43.7	43.9	44.7	44.0	44.9	44.8	44.4	44.9	44.6	44.3	44.9	44.8
Construction	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Manufacturing	40.9	40.9	40.9	40.9	40.7	40.6	40.7	40.4	40.3	40.3	40.2	40.4	40.8
<i>Overtime hours</i>	3.8	3.7	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.3	3.3	3.4	3.7
Durable goods	41.5	41.5	41.5	41.5	41.3	41.1	41.2	40.8	40.7	40.6	40.7	40.7	41.3
<i>Overtime hours</i>	3.9	3.8	3.9	3.8	3.6	3.5	3.6	3.3	3.2	3.2	3.3	3.3	3.7
Lumber and wood products	40.3	40.2	40.5	40.7	39.8	39.5	40.0	39.4	39.3	39.2	39.2	39.7	40.5
Furniture and fixtures	39.3	39.7	39.4	39.2	38.6	38.5	38.8	38.5	37.5	38.2	38.9	38.9	39.2
Stone, clay, and glass products	42.3	41.7	42.3	42.2	41.2	41.8	42.0	41.0	41.7	41.3	41.3	41.5	42.0
Primary metal industries	43.0	43.2	42.9	43.0	42.9	42.7	42.3	42.0	41.5	41.4	41.4	41.6	42.4
Blast furnaces and basic steel products ..	43.5	44.1	43.6	43.7	43.7	43.6	43.2	42.6	41.5	41.8	41.3	41.7	43.0
Fabricated metal products	41.6	41.7	41.6	41.6	41.2	40.8	41.1	40.6	40.7	40.6	40.7	40.8	41.3
Industrial machinery and equipment	42.0	42.0	42.1	42.1	42.1	41.8	42.1	41.6	41.5	41.5	41.3	41.2	41.5
Electronic and other electrical equipment ..	41.0	40.7	40.6	41.1	40.7	40.7	40.7	40.3	40.5	40.2	40.6	40.5	40.9
Transportation equipment	42.6	42.8	42.6	42.8	42.5	41.1	41.5	41.5	41.0	40.8	41.0	41.2	42.2
Motor vehicles and equipment	43.4	43.3	43.3	43.1	42.6	41.0	41.5	41.4	40.9	40.5	41.3	41.4	42.7
Instruments and related products	41.2	41.2	41.3	41.3	41.0	41.0	41.2	40.8	41.0	40.9	40.8	40.8	40.9
Miscellaneous manufacturing	39.3	39.5	39.9	39.9	39.8	39.6	39.3	39.0	39.3	39.3	39.2	39.3	39.7
Nondurable goods	40.2	40.1	40.1	40.2	40.0	39.9	40.0	39.9	39.8	39.9	39.7	39.9	40.1
<i>Overtime hours</i>	3.6	3.6	3.7	3.6	3.6	3.6	3.6	3.4	3.4	3.4	3.4	3.5	3.7
Food and kindred products	40.9	40.5	41.0	41.2	40.6	40.7	40.9	40.7	40.6	40.6	40.3	40.3	40.4
Tobacco products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Textile mill products	40.4	40.2	40.0	39.9	39.8	39.3	39.4	39.4	39.2	39.4	39.6	40.2	40.7
Apparel and other textile products	36.7	36.6	36.6	36.6	36.4	36.3	36.6	36.3	36.5	36.6	36.4	36.7	36.9
Paper and allied products	43.5	43.5	43.5	43.2	43.5	43.5	43.5	43.0	43.0	43.2	42.9	43.0	43.0
Printing and publishing	38.0	38.0	38.2	38.0	37.9	37.8	37.8	37.7	37.6	37.6	37.5	37.6	37.8
Chemicals and allied products	42.6	42.4	42.3	42.7	42.6	42.6	42.9	42.6	42.4	42.7	42.4	42.4	43.1
Petroleum and coal products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Rubber and misc. plastics products	41.6	41.4	41.3	41.4	41.1	40.8	41.0	40.8	40.6	40.6	40.7	40.8	41.0
Leather and leather products	37.4	37.4	37.6	37.5	37.1	36.8	37.3	36.9	37.2	37.1	37.1	37.1	37.5
Transportation and public utilities	39.2	39.1	39.0	39.1	38.5	38.7	39.0	38.7	38.6	38.6	38.4	38.8	38.8
Wholesale trade	38.1	38.1	38.1	38.2	37.9	38.0	38.3	37.9	37.9	38.1	37.9	38.2	38.4
Retail trade	28.9	28.9	28.7	28.9	28.4	28.7	28.7	28.3	28.6	28.6	28.4	28.6	28.8
Finance, insurance, and real estate	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Services	32.5	32.5	32.5	32.8	32.3	32.5	32.8	32.2	32.5	32.4	32.2	32.5	32.6

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

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

components and consequently cannot be separated with sufficient precision.
¹ = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1990 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1987 forward are subject to revision.

**ESTABLISHMENT DATA
HOURS
SEASONALLY ADJUSTED**

C-6. Indexes of aggregate weekly hours of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted

(1982 = 100)

Industry	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total private	124.3	124.0	123.9	124.4	122.6	122.9	123.3	121.3	121.5	120.9	120.0	121.1	121.7
Goods-producing	111.1	110.2	109.9	109.6	107.7	106.8	106.7	104.4	104.0	102.7	102.5	103.1	103.7
Mining	65.3	64.5	64.0	64.9	64.4	65.3	65.3	64.9	65.4	65.0	64.3	64.3	63.6
Construction	140.8	137.1	137.4	137.2	130.9	132.9	132.6	125.0	126.9	123.2	122.7	124.3	124.3
Manufacturing	107.7	107.4	107.1	106.6	105.6	104.0	103.9	102.7	101.6	100.9	100.7	101.1	102.0
Durable goods	107.0	106.8	106.1	105.3	104.2	102.1	102.0	100.4	98.8	97.8	97.9	98.3	99.2
Lumber and wood products	130.9	130.0	129.6	129.4	126.3	123.6	123.5	120.5	118.6	117.0	117.4	119.5	121.7
Furniture and fixtures	125.7	125.8	124.2	123.2	120.8	118.0	117.4	115.9	111.7	112.6	115.3	115.6	117.1
Stone, clay, and glass products	111.3	109.5	109.7	109.2	106.4	106.4	106.2	102.1	102.4	99.9	100.1	100.4	101.6
Primary metal industries	94.0	95.0	93.5	93.0	92.6	91.4	90.3	89.0	86.6	85.7	85.4	85.6	86.8
Blast furnaces and basic steel products	82.0	83.9	82.4	82.7	83.3	83.1	81.8	79.1	74.7	74.7	74.1	74.5	76.0
Fabricated metal products	109.0	109.2	108.6	107.6	106.6	104.4	104.6	103.2	100.8	99.9	100.0	100.4	101.9
Industrial machinery and equipment	98.0	97.8	97.6	96.7	96.6	95.2	95.3	93.8	93.0	92.5	91.3	90.3	90.2
Electronic and other electrical equipment	107.9	107.1	106.1	105.7	104.7	103.7	103.1	101.5	101.1	99.7	100.7	100.9	101.7
Transportation equipment	122.6	122.5	121.0	119.7	118.3	111.8	112.5	111.2	108.0	106.3	107.3	109.3	111.1
Motor vehicles and equipment	134.7	134.5	132.5	130.4	128.4	110.3	115.8	114.8	108.7	108.1	113.0	118.1	121.4
Instruments and related products	88.1	87.3	87.0	86.5	85.5	85.2	85.4	84.8	84.8	84.8	83.9	83.5	83.1
Miscellaneous manufacturing	100.9	101.9	102.0	102.0	101.3	100.2	99.4	98.0	98.0	96.9	96.3	96.2	97.1
Nondurable goods	108.8	108.4	108.5	108.4	107.6	106.7	106.7	105.9	105.5	105.2	104.5	105.2	105.8
Food and kindred products	109.8	109.5	110.7	111.4	110.4	110.3	111.2	110.8	111.0	111.0	109.6	110.0	110.2
Tobacco products	68.6	70.2	72.4	72.2	70.0	70.7	70.9	71.8	70.7	67.2	66.2	66.7	67.7
Textile mill products	99.2	98.8	98.1	97.5	95.9	95.0	94.2	93.7	92.3	92.3	93.0	95.0	96.4
Apparel and other textile products	94.2	93.5	93.5	93.2	92.3	91.0	91.3	89.9	90.3	90.5	89.8	91.2	91.7
Paper and allied products	111.4	111.6	111.3	110.8	111.1	110.5	110.2	109.9	109.9	109.7	108.6	108.8	108.4
Printing and publishing	128.4	128.6	128.8	128.0	127.4	126.4	126.0	125.1	124.4	123.5	122.8	122.6	122.4
Chemicals and allied products	104.9	104.6	104.1	104.6	104.4	104.1	104.2	103.4	102.8	103.1	102.4	101.5	103.5
Petroleum and coal products	90.1	86.7	86.3	87.7	86.0	90.3	85.6	84.5	85.9	86.3	87.0	89.9	88.7
Rubber and misc. plastics products	130.2	129.9	129.6	129.2	128.0	125.1	124.8	123.4	121.6	119.7	119.6	120.8	122.2
Leather and leather products	63.2	62.6	61.5	61.3	60.0	58.5	58.3	57.4	57.0	55.9	55.3	55.3	55.9
Service-producing	130.3	130.3	130.1	131.0	129.3	130.1	130.7	128.9	129.4	129.0	127.9	129.1	129.8
Transportation and public utilities	116.1	115.5	115.3	116.0	114.3	115.2	116.1	115.3	114.3	114.1	113.3	114.6	114.8
Wholesale trade	116.8	116.6	116.5	116.7	115.7	115.8	115.8	114.7	114.2	114.3	113.4	114.2	114.5
Retail trade	124.2	124.1	123.3	124.1	121.7	122.7	122.3	120.3	121.1	120.6	119.3	120.2	120.9
Finance, insurance, and real estate	120.6	120.7	120.8	122.3	119.4	120.2	121.6	120.4	120.2	119.9	118.3	119.6	120.9
Services	145.5	145.7	146.1	147.3	146.1	146.7	148.1	145.8	146.9	146.5	145.4	147.0	147.8

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

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1990 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1987 forward are subject to revision.

**ESTABLISHMENT DATA
EARNINGS
SEASONALLY ADJUSTED**

C-7. Average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonfarm payrolls, seasonally adjusted

Industry	1990							1991					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Average hourly earnings													
Total private (in current dollars)	\$10.02	\$10.05	\$10.07	\$10.10	\$10.10	\$10.13	\$10.17	\$10.18	\$10.20	\$10.24	\$10.28	\$10.32	\$10.38
Mining	13.75	13.78	13.76	13.85	13.83	13.88	13.89	14.04	13.99	14.03	14.05	14.12	14.37
Construction	13.78	13.81	13.83	13.86	13.86	13.85	13.87	13.95	13.97	13.97	14.05	14.00	13.99
Manufacturing	10.84	10.87	10.89	10.91	10.96	10.96	10.99	11.02	11.03	11.05	11.12	11.15	11.21
Excluding overtime²	10.36	10.39	10.41	10.44	10.50	10.50	10.54	10.58	10.59	10.61	10.65	10.70	10.73
Transportation and public utilities	12.94	13.01	13.00	13.03	13.05	13.07	13.11	13.15	13.13	13.16	13.19	13.25	13.30
Wholesale trade	10.79	10.82	10.83	10.92	10.88	10.93	11.00	11.00	11.05	11.07	11.08	11.12	11.23
Retail trade	6.77	6.78	6.80	6.81	6.82	6.83	6.84	6.86	6.87	6.90	6.97	6.99	7.01
Finance, insurance, and real estate	9.97	10.03	10.04	10.12	10.09	10.12	10.22	10.17	10.22	10.32	10.28	10.36	10.51
Services	9.83	9.88	9.90	9.94	9.92	9.98	10.03	10.03	10.07	10.13	10.16	10.23	10.29
Total private (in constant dollars) ³	7.57	7.57	7.51	7.48	7.43	7.43	7.44	7.42	7.43	7.46	7.47	7.47	(¹)
Average weekly earnings													
Total private:													
In current dollars	346.69	346.73	347.42	349.46	345.42	348.47	351.88	347.14	349.86	350.21	349.52	353.98	358.11
In constant (1982) dollars ³	261.85	261.09	259.27	258.67	254.17	255.66	257.41	253.02	254.81	255.07	253.83	256.32	(¹)

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

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.

¹ Not available.

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1990 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1987 forward are subject to revision.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Alabama	40.9	40.1	40.2	\$9.32	\$9.65	\$9.62	\$381.19	\$386.97	\$386.72
Birmingham	41.3	40.8	40.7	9.55	10.18	10.14	394.42	415.34	412.70
Mobile	41.7	41.3	41.3	10.76	11.35	11.29	448.69	468.76	466.28
Alaska	44.8	49.6	44.0	13.48	11.53	12.45	603.90	571.89	547.80
Arizona	40.6	40.2	39.9	10.05	10.49	10.44	408.03	421.70	416.56
Arkansas	40.7	40.3	40.7	8.50	8.76	8.78	345.95	353.03	357.35
Fayetteville-Springdale	41.5	39.8	40.9	7.61	7.76	8.17	315.82	308.85	334.15
Fort Smith	38.0	39.8	39.5	8.89	8.83	9.02	337.82	351.43	356.29
Little Rock-North Little Rock	41.2	41.3	41.9	9.07	9.42	9.33	373.68	389.05	390.93
Pine Bluff	43.9	41.2	41.8	10.79	10.43	10.17	473.68	429.72	425.11
California	40.4	40.3	40.5	11.44	11.77	11.82	462.18	474.33	478.71
Anaheim-Santa Ana	41.3	39.7	39.8	11.43	12.05	12.08	472.06	478.39	480.78
Bakersfield	40.1	40.6	40.7	12.41	12.35	12.32	497.64	501.41	501.42
Fresno	39.6	38.9	40.0	9.39	9.97	9.97	371.84	387.83	396.80
Los Angeles-Long Beach	40.6	40.9	41.0	10.87	11.14	11.23	441.32	455.63	480.43
Modesto	39.9	39.2	40.2	10.61	11.10	11.25	423.34	435.12	452.25
Oakland	40.7	40.0	40.5	13.50	13.62	13.66	549.45	544.80	553.23
Oxnard-Ventura	41.2	39.8	39.6	10.87	11.09	10.98	447.84	441.38	434.81
Riverside-San Bernardino	40.3	40.0	40.4	10.37	10.60	10.61	417.91	424.00	428.64
Sacramento	39.9	38.3	39.3	11.77	12.24	12.46	469.62	468.79	489.68
Salinas-Seaside-Monterey	38.7	40.2	38.8	11.23	11.43	11.08	445.83	459.49	440.98
San Diego	40.4	39.7	40.5	11.48	11.83	11.89	463.79	469.65	481.55
San Francisco	39.7	39.6	39.6	12.69	12.96	12.91	503.79	513.22	511.24
San Jose	40.3	40.4	40.9	13.63	14.19	14.19	549.29	573.28	580.37
Santa Barbara-Santa Maria-Lompoc	40.2	41.6	41.9	11.69	12.48	12.54	469.94	519.17	525.43
Santa Rosa-Petaluma	37.5	38.2	38.1	11.35	11.75	11.78	425.63	448.85	448.82
Stockton	41.0	40.6	41.7	11.08	11.41	11.70	454.28	463.25	487.89
Vallejo-Fairfield-Napa	39.7	38.8	39.0	13.28	13.49	13.52	527.22	523.41	527.28
Colorado	41.9	40.1	40.1	10.77	11.50	11.48	451.26	461.15	460.35
Denver	41.5	40.5	40.5	12.16	12.54	12.49	504.64	507.87	505.85
Connecticut	42.0	41.4	41.2	11.48	11.82	11.86	482.16	489.35	488.63
Bridgeport-Milford	41.6	41.7	41.4	12.12	12.62	12.62	504.19	526.25	522.47
Hartford	41.3	41.1	40.7	12.24	12.51	12.74	505.51	514.16	518.52
New Britain	41.4	41.0	41.1	12.00	12.28	12.07	496.80	503.48	496.08
New Haven-Meriden	39.8	39.9	39.9	10.85	11.17	11.18	431.83	445.68	446.08
Stamford	40.9	40.7	41.3	12.19	12.40	12.09	498.57	504.68	499.32
Waterbury	41.7	41.6	42.4	10.36	10.87	10.86	432.01	452.19	460.46
Delaware	42.3	40.4	40.3	12.62	11.07	12.56	533.83	447.23	506.17
Wilmington	43.4	40.3	40.6	15.20	13.30	14.88	659.68	535.99	604.13
District of Columbia:									
Washington MSA	39.0	38.5	38.6	12.44	12.96	12.95	485.16	498.96	499.87
Florida	40.7	40.2	40.4	8.94	9.18	9.19	363.86	369.04	371.28
Fort Lauderdale-Hollywood-Pompano Beach	40.3	39.8	40.3	9.01	9.35	9.32	363.10	372.13	375.60
Jacksonville	40.8	40.9	40.7	9.29	9.57	9.62	379.03	391.41	391.53
Miami-Hialeah	39.8	39.1	38.9	7.50	7.55	7.58	298.50	295.21	294.86
Orlando	41.0	40.9	40.4	10.23	10.46	10.41	419.43	427.81	420.56
Pensacola	43.4	42.7	42.6	11.36	11.54	11.62	493.02	492.76	495.01
Tampa-St. Petersburg-Clearwater	41.0	39.5	40.0	9.21	9.49	9.48	377.61	374.86	379.20
West Palm Beach-Boca Raton-DeLray Beach	39.8	39.5	40.1	9.59	9.85	9.73	381.68	389.08	390.17
Georgia	40.8	40.5	40.8	9.11	9.46	9.43	371.69	383.13	384.74
Atlanta	41.3	41.0	40.2	10.51	11.13	11.03	434.06	456.33	443.41
Savannah	45.7	43.8	46.4	11.51	11.86	12.07	526.01	519.47	560.05
Hawaii	39.9	37.7	39.1	10.87	11.58	11.43	433.71	436.57	448.91
Honolulu	40.8	37.8	39.7	11.01	12.08	11.83	449.21	456.62	469.65
Idaho	38.7	39.6	40.0	10.37	10.71	10.74	401.32	424.12	429.60

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Illinois	41.4	40.7	40.7	\$11.44	\$11.60	\$11.63	\$473.62	\$472.12	\$473.34
Aurora-Elgin	40.5	39.9	39.8	11.04	11.34	11.44	447.12	452.47	455.31
Bloomington-Normal	41.4	39.8	40.7	13.02	13.67	13.60	539.03	544.07	553.52
Champaign-Urbana-Rantoul	41.3	40.2	41.4	9.40	10.04	9.89	388.22	403.61	409.45
Chicago	41.4	40.7	40.4	11.16	11.30	11.33	462.02	459.91	457.73
Davenport-Rock Island-Moline	40.6	41.6	40.5	13.25	13.91	13.80	537.95	578.66	558.90
Decatur	43.8	42.8	42.4	14.77	15.01	15.19	646.93	642.43	644.06
Joliet	42.7	42.1	42.3	13.08	13.53	13.43	558.52	569.61	568.09
Kankakee	42.8	42.0	40.5	12.14	12.18	12.02	519.59	511.56	486.81
Lake County	40.1	40.4	40.0	11.51	11.85	11.88	461.55	478.74	475.20
Peoria	42.0	41.1	39.8	13.88	14.32	14.16	582.96	588.55	563.57
Rockford	42.9	40.4	41.2	12.46	12.68	12.80	534.53	512.27	527.36
Springfield	39.2	41.1	38.7	10.41	11.29	11.20	408.07	464.02	433.44
Indiana	41.6	40.8	40.8	12.03	12.36	12.33	500.45	504.29	503.06
Anderson	41.2	41.4	40.8	15.54	15.52	15.86	640.25	642.53	647.09
Bloomington	39.4	38.8	38.7	10.45	11.18	11.25	411.73	433.78	435.38
Elkhart-Goshen	40.5	40.7	40.1	10.00	10.25	10.11	405.00	417.18	405.41
Evansville	43.7	40.7	42.0	12.07	12.36	12.19	527.46	503.05	511.98
Fort Wayne	41.4	40.8	39.9	12.15	12.90	12.94	503.01	526.32	516.31
Gary-Hammond	42.7	40.4	40.6	16.06	16.71	16.58	685.76	675.08	673.15
Indianapolis	41.4	41.1	41.1	12.40	13.00	13.10	513.36	534.30	538.41
Kokomo	43.3	37.9	38.2	16.87	17.18	17.29	730.47	651.12	660.48
Lafayette-West Lafayette	40.8	42.8	39.6	12.16	12.85	12.67	496.13	549.98	501.73
Muncie	44.8	45.0	45.3	12.66	13.06	13.60	567.17	587.70	616.08
South Bend-Mishawaka	40.8	41.8	40.6	11.03	11.22	11.14	450.02	469.00	452.28
Terre Haute	42.5	42.3	42.4	9.96	11.52	11.49	423.30	487.30	487.18
Iowa	40.6	40.4	40.4	11.16	11.59	11.45	453.10	468.24	462.58
Cedar Rapids	39.2	38.9	39.1	13.61	13.95	14.06	533.51	542.66	549.75
Des Moines	39.5	42.0	41.5	12.45	12.56	12.48	491.78	527.52	517.92
Dubuque	39.3	42.0	40.3	12.10	12.36	10.28	475.53	519.12	414.28
Sioux City	43.0	37.3	37.7	9.00	8.94	9.15	387.00	333.46	344.96
Kansas	40.4	39.9	40.1	10.89	11.03	11.18	439.96	440.10	448.32
Topeka	40.6	38.9	39.8	12.25	12.32	12.53	497.35	479.25	498.69
Wichita	40.7	40.6	40.2	12.01	12.57	12.49	488.81	510.34	502.10
Kentucky	40.8	39.5	40.0	10.78	11.04	11.03	439.82	436.08	441.20
Lexington-Fayette	41.6	42.1	41.7	11.20	11.89	11.81	465.92	500.57	492.48
Louisville	42.4	42.2	42.5	12.41	12.93	12.95	526.18	545.65	550.38
Louisiana	43.0	41.8	42.2	11.61	11.78	11.97	499.23	492.40	505.13
Baton Rouge	43.3	44.6	44.5	13.54	13.66	13.56	586.28	609.24	603.42
New Orleans	42.1	41.0	41.3	11.18	11.21	11.52	470.68	459.61	475.78
Shreveport	41.1	39.8	40.2	11.20	13.08	13.27	460.32	520.58	533.45
Maine	40.1	39.5	39.4	10.49	10.97	11.08	420.65	433.32	436.55
Lewiston-Auburn	38.6	38.5	38.1	9.16	9.40	9.34	353.58	361.90	355.85
Portland	38.8	37.0	37.2	10.49	10.52	10.33	407.01	389.24	384.28
Maryland	40.5	40.2	40.1	11.58	11.80	11.79	468.99	474.36	472.78
Baltimore MSA	40.7	40.8	40.8	11.97	12.29	12.40	487.18	501.43	505.92
Massachusetts	40.6	40.6	40.6	11.34	11.69	11.67	460.40	474.61	473.80
Boston	40.6	40.0	40.1	11.84	12.47	12.43	480.70	498.80	498.44
Springfield	41.0	40.3	40.8	10.82	11.13	11.08	443.62	448.54	452.06
Worcester	41.0	42.1	42.0	11.09	11.14	11.13	454.69	468.99	467.46
Michigan	42.6	40.8	41.0	13.86	14.24	14.38	590.44	580.99	589.58
Ann Arbor	45.2	41.4	41.2	15.22	15.99	16.43	687.94	661.99	676.92
Battle Creek	43.1	40.1	42.5	14.28	15.50	15.28	615.47	621.55	649.40
Detroit	43.7	41.6	41.9	14.83	15.19	15.36	648.07	631.90	643.58
Flint	43.4	39.8	38.0	17.52	18.41	18.38	760.37	732.72	698.44
Grand Rapids	41.3	39.6	39.8	11.73	12.23	12.20	484.45	484.31	485.56
Jackson	42.0	40.3	40.5	10.91	10.66	10.62	458.22	429.60	430.11
Kalamazoo	40.9	40.9	40.3	13.66	14.28	14.58	558.69	584.05	587.57
Lansing-East Lansing	39.5	41.0	40.7	15.50	16.73	16.26	612.25	685.93	661.78
Muskegon	41.3	40.2	40.6	12.41	12.18	12.06	512.53	489.64	489.64
Saginaw-Bay City-Midland	43.4	40.8	41.8	16.05	16.39	16.61	696.57	668.71	694.30

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Minnesota	39.9	39.9	39.9	\$11.26	\$11.53	\$11.47	\$449.27	\$460.05	\$457.65
Duluth	42.2	41.6	40.1	11.53	10.98	11.25	486.57	456.77	451.13
Minneapolis-St. Paul	40.2	40.3	40.0	11.80	12.18	12.11	474.36	490.85	484.40
St. Cloud	40.1	39.3	39.4	9.90	10.14	10.08	396.99	398.50	397.15
Mississippi	39.9	39.0	39.0	8.39	8.66	8.67	334.76	337.74	338.13
Jackson	41.4	39.9	39.8	9.49	9.46	9.36	392.89	377.45	372.53
Missouri	41.0	39.8	40.2	10.85	10.66	10.80	444.85	424.27	434.16
Kansas City	40.9	40.9	41.2	11.60	11.80	12.56	474.44	482.62	517.47
St. Louis	42.8	40.8	41.2	12.98	12.92	12.99	552.95	527.14	535.19
Springfield	41.1	38.0	38.5	9.24	9.55	9.66	379.76	362.90	371.91
Montana	39.2	38.9	38.6	11.51	11.26	11.07	451.19	438.01	427.30
Nebraska	41.5	39.3	39.4	9.58	9.84	9.78	397.57	386.71	385.33
Lincoln	39.9	39.0	38.1	11.01	11.00	10.82	439.30	429.00	412.24
Omaha	42.7	39.7	40.1	9.86	10.62	10.36	421.02	421.61	415.44
Nevada	39.8	40.5	40.6	10.87	11.02	11.00	432.63	446.31	446.60
Las Vegas	39.8	39.8	39.2	12.77	12.92	12.88	508.25	511.63	504.90
New Hampshire	40.8	40.4	40.5	10.81	10.69	10.72	441.05	431.88	434.16
Manchester	41.3	40.9	41.4	10.73	10.69	10.79	443.15	437.22	446.71
Nashua	40.4	40.7	40.9	13.57	12.80	12.99	548.23	520.98	531.29
Portsmouth-Dover-Rochester	41.6	40.4	40.7	9.94	10.44	10.59	413.50	421.78	431.01
New Jersey	41.3	40.8	40.9	11.70	12.12	12.20	483.21	494.50	498.98
New Mexico	40.6	39.4	38.9	9.03	9.42	9.35	366.62	371.15	363.72
Albuquerque	40.3	40.2	40.6	9.01	9.61	9.61	363.10	386.32	390.17
New York	39.8	39.4	39.3	11.15	11.36	11.42	443.77	447.58	448.81
Albany-Schenectady-Troy	41.2	40.7	41.0	11.74	11.91	11.94	483.69	484.74	489.54
Binghamton	40.8	38.9	38.7	9.64	9.98	10.11	393.31	388.22	391.26
Buffalo	41.6	40.8	42.7	13.58	13.33	13.43	564.93	543.86	573.46
Elmira	39.5	40.6	40.2	9.76	10.44	10.47	385.52	423.86	420.89
Nassau-Suffolk	40.0	39.3	39.1	11.75	12.02	11.98	470.00	472.39	468.42
New York PMSA	37.3	37.3	37.0	10.39	10.50	10.49	387.55	391.65	388.13
New York City	37.0	37.0	36.9	10.19	10.33	10.32	377.03	382.21	380.81
Niagara Falls	41.4	39.6	39.8	14.42	14.00	14.48	598.99	554.40	573.41
Orange County	39.6	39.1	39.1	9.41	9.81	9.89	372.64	383.57	386.70
Poughkeepsie	40.7	40.1	39.9	10.80	11.13	11.16	439.56	446.31	445.28
Rochester	42.3	41.6	41.4	13.07	13.20	13.25	552.86	549.12	548.55
Rockland County	40.1	38.8	37.2	9.14	10.39	10.41	366.51	403.13	387.25
Syracuse	41.3	40.2	40.3	12.28	12.60	12.52	507.16	506.52	504.56
Utica-Rome	40.8	39.4	39.9	10.46	10.61	10.59	426.77	418.03	422.54
Westchester County	39.5	39.1	39.0	12.45	11.98	11.98	491.78	468.42	467.22
North Carolina	39.9	39.2	39.5	8.75	9.11	9.12	349.13	357.11	360.24
Asheville	41.1	40.3	40.4	8.68	9.01	9.05	356.75	363.10	365.62
Charlotte-Gastonia-Rock Hill	40.3	38.6	38.0	9.32	9.69	9.68	375.60	374.03	377.52
Greensboro-Winston-Salem-High Point	38.4	39.0	39.3	9.33	9.76	9.84	358.27	380.64	386.71
Raleigh-Durham	41.6	41.1	41.7	9.95	10.35	10.44	413.92	425.39	435.35
North Dakota	40.2	39.7	39.9	8.99	9.06	9.14	361.40	359.68	364.69
Fargo-Moorhead	38.5	37.6	37.7	8.84	9.01	9.19	340.34	338.78	346.46
Ohio	42.8	41.4	41.7	12.67	12.92	13.02	542.28	534.89	542.93
Akron	43.0	41.5	42.1	12.00	11.89	11.92	518.00	493.44	501.83
Canton	42.1	41.5	41.3	11.40	11.24	11.31	479.94	466.46	467.10
Cincinnati	43.3	41.7	42.4	12.00	12.27	12.45	519.60	511.66	527.88
Cleveland	43.3	41.3	41.5	12.28	12.37	12.44	531.72	510.88	516.26
Columbus	41.7	42.0	42.2	12.34	12.90	12.90	514.58	541.80	544.38
Dayton-Springfield	43.0	41.4	41.7	13.56	13.59	13.65	583.08	562.63	569.21
Toledo	43.4	42.2	42.8	13.58	13.53	13.57	589.37	570.97	580.80
Youngstown-Warren	43.3	41.2	41.2	14.52	15.22	15.20	628.72	627.06	626.24

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Oklahoma	40.2	39.9	40.2	\$10.51	\$10.97	\$10.92	\$422.50	\$437.70	\$438.98
Oklahoma City	40.8	40.6	40.9	11.45	12.09	12.11	467.16	490.85	495.30
Tulsa	41.8	40.7	41.3	11.16	11.62	11.50	466.49	472.93	474.95
Oregon	39.8	39.1	39.5	11.12	11.44	11.43	442.58	447.30	451.49
Eugene-Springfield	40.0	39.2	39.1	10.86	11.37	11.25	434.40	445.70	439.88
Medford	39.9	38.1	39.4	11.04	11.51	11.29	440.50	438.53	444.83
Portland	39.8	39.7	39.9	11.29	11.60	11.61	449.34	460.52	463.24
Salem	38.1	37.0	38.0	9.82	10.20	10.23	374.14	377.40	388.74
Pennsylvania	40.7	39.9	40.1	10.98	11.33	11.38	446.89	452.07	456.34
Allentown-Bethlehem	39.9	39.9	39.5	11.02	11.40	11.49	439.70	454.86	453.88
Altoona	38.2	39.2	39.1	9.34	9.23	9.28	356.79	361.82	362.85
Beaver County	41.8	42.9	43.6	10.94	11.40	11.41	457.29	489.06	497.48
Erie	43.7	41.4	41.5	11.53	11.86	11.86	503.86	491.00	492.19
Harrisburg-Lebanon-Carlisle	40.9	38.2	37.7	11.02	11.20	11.19	450.72	427.84	421.88
Johnstown	39.3	38.4	39.3	8.46	8.79	8.90	332.48	337.54	349.77
Lancaster	39.9	39.0	38.8	11.03	11.33	11.33	440.10	441.87	439.80
Philadelphia PMSA	40.1	39.7	39.7	11.86	12.34	12.29	475.59	489.90	487.91
Pittsburgh	41.6	40.8	40.8	11.46	11.61	11.73	476.74	473.69	478.58
Reading	41.2	40.4	40.4	11.49	11.96	11.96	473.39	483.18	483.18
Scranton-Wilkes-Barre	39.1	38.7	39.2	9.58	9.96	10.07	374.58	385.45	394.74
Sharon	42.1	40.2	41.5	11.77	12.24	12.45	495.52	492.05	518.68
State College	39.9	39.1	38.5	9.76	9.86	10.08	389.42	385.53	388.08
Williamsport	38.8	40.0	40.8	9.64	10.81	10.87	374.03	432.40	443.50
York	41.3	40.2	40.3	10.60	11.09	11.14	437.78	445.82	448.94
Rhode Island	39.6	39.6	39.4	9.40	9.70	9.56	372.24	384.12	376.66
Pawtucket-Woonsocket-Attleboro	39.0	38.5	38.4	8.85	9.00	9.27	345.15	346.50	355.97
Providence	39.3	39.4	39.4	8.91	9.89	9.87	350.16	389.67	388.88
South Carolina	40.8	40.5	40.4	8.81	9.08	9.08	359.45	367.74	366.83
Charleston	40.8	40.3	40.2	9.14	9.41	9.38	372.91	379.22	377.08
Columbia	41.8	40.8	41.0	9.07	9.31	9.33	379.13	379.85	382.53
Greenville-Spartanburg	40.7	40.2	40.5	8.75	9.08	9.11	356.12	365.02	368.98
South Dakota	40.1	40.3	40.4	8.46	8.83	8.76	339.25	355.85	353.90
Rapid City	42.9	41.1	44.3	9.15	9.50	9.55	392.54	390.45	423.07
Sioux Falls	41.2	39.2	40.1	8.74	9.16	9.02	360.09	359.07	361.70
Tennessee	38.4	39.1	39.3	9.52	9.74	9.92	365.57	380.83	389.86
Chattanooga	40.4	40.8	41.4	8.59	8.99	9.03	347.04	366.79	373.84
Johnson City-Kingsport-Bristol	40.0	40.5	40.0	9.31	10.50	10.63	372.40	425.25	425.20
Knoxville	38.2	39.1	38.5	8.92	9.87	9.90	340.74	385.92	381.15
Memphis	40.2	40.3	40.2	9.26	10.23	10.28	372.25	412.27	413.26
Nashville	38.7	40.7	41.2	11.56	11.01	11.03	447.37	448.11	454.44
Texas	41.7	41.7	41.8	10.38	10.82	10.85	432.85	451.19	453.53
Dallas	42.0	41.0	41.0	10.16	10.57	10.49	426.72	433.37	430.09
Ft. Worth-Arlington	41.4	40.9	42.1	11.27	11.45	11.63	466.58	468.31	489.62
Houston	44.1	45.0	45.0	11.96	12.60	12.67	527.44	567.00	570.15
San Antonio	42.2	40.5	40.7	7.76	8.22	8.26	327.47	332.91	336.18
Utah	39.8	39.3	39.6	10.25	10.64	10.54	407.95	418.15	417.38
Salt Lake City-Ogden	39.9	39.2	39.3	10.16	10.75	10.74	405.38	421.40	422.08
Vermont	41.0	40.4	40.5	10.49	11.01	10.92	430.09	444.80	442.28
Burlington	41.8	40.0	39.2	11.22	11.31	11.38	469.00	452.40	448.10
Virginia	40.2	39.6	40.1	10.02	10.40	10.35	402.80	411.84	415.04
Bristol	39.0	40.8	40.8	8.27	8.55	8.86	322.53	348.84	361.49
Charlottesville	41.9	39.2	40.7	8.82	8.98	9.07	369.56	352.02	369.15
Danville	40.4	40.1	40.9	9.72	10.17	10.11	392.69	407.82	413.50
Lynchburg	40.4	39.2	39.4	9.72	9.85	9.86	392.69	386.12	388.48
Northern Virginia	40.2	39.1	39.6	10.98	11.79	11.82	441.40	460.89	468.07
Richmond-Petersburg	41.7	41.1	41.2	13.25	13.47	13.51	552.53	553.62	556.61
Roanoke	40.2	40.8	40.6	11.82	12.26	12.09	475.16	500.21	490.85
Washington	40.5	39.3	39.9	12.52	13.17	13.24	507.06	517.58	528.28

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
West Virginia	40.5	40.4	40.3	\$11.50	\$11.66	\$11.61	\$465.75	\$471.06	\$467.88
Charleston	43.7	43.6	42.6	12.76	14.05	14.13	558.49	615.39	604.78
Huntington-Ashland	40.6	37.9	40.0	13.31	13.57	13.78	543.05	514.30	551.20
Parkersburg-Marietta	41.2	40.9	40.8	13.38	13.77	14.31	551.26	563.19	590.99
Wheeling	43.7	43.1	39.0	14.17	14.50	14.28	619.23	624.95	556.92
Wisconsin	41.3	40.6	41.0	11.11	11.38	11.43	458.84	464.30	466.63
Appleton-Oshkosh	42.9	42.2	42.8	12.02	12.22	12.25	515.66	515.88	524.30
Eau Claire	44.4	45.2	45.2	11.41	12.42	12.43	506.60	561.36	561.84
Green Bay	40.2	41.7	42.1	12.35	12.37	12.61	496.47	515.83	530.88
Janesville-Beloit	45.5	44.6	43.9	14.16	14.12	14.35	644.28	632.58	629.97
Kenosha	41.4	39.3	38.5	11.71	11.88	11.82	484.79	466.10	455.07
La Crosse	40.7	41.7	41.0	9.76	10.15	10.36	397.23	423.26	424.78
Madison	40.4	40.8	40.0	10.50	10.71	10.70	424.20	436.97	428.00
Milwaukee	40.7	40.6	41.1	11.67	12.22	12.23	483.11	496.58	502.65
Racine	39.6	39.1	39.6	11.50	11.59	12.17	457.70	453.17	481.93
Sheboygan	43.6	40.5	40.6	10.99	11.24	11.37	479.16	455.22	481.62
Wausau	42.1	42.2	42.0	11.07	11.12	11.19	466.05	469.26	469.96
Wyoming	38.9	37.7	38.0	11.06	10.90	10.84	431.01	410.93	411.92
Puerto Rico	38.6	39.4	38.5	5.99	6.35	6.30	232.41	250.19	242.55
Virgin Islands	40.9	40.9	40.6	11.56	12.54	12.52	472.80	512.69	506.31

¹ Not available.

^P = preliminary.

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

publication. All State and area data have been adjusted to March 1990 benchmarks.

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

Industry	Millions of hours (annual rate) ¹			Percent change		
	Apr. 1991 ^r	May 1991 ^r	June 1991 ^p	June 1990 to June 1991 ^p	Apr. 1991 to May 1991 ^r	May 1991 to June 1991 ^p
Total	199,432	200,420	201,198	-1.8	0.5	0.4
Private sector	162,431	163,553	164,387	-1.8	.7	.5
Mining	1,636	1,646	1,635	-1.3	.6	-.6
Construction	9,233	9,309	9,335	-10.1	.8	.3
Manufacturing	38,675	38,778	38,926	-4.6	.3	.4
Durable goods	22,388	22,405	22,526	-6.3	.1	.5
Nondurable goods	16,287	16,373	16,400	-2.3	.5	.2
Transportation and public utilities	11,609	11,730	11,730	-1.3	1.0	.0
Wholesale trade	11,994	12,091	12,121	-1.6	.8	.2
Retail trade	28,538	28,752	28,935	-2.3	.8	.6
Finance, insurance, and real estate	12,436	12,385	12,579	.2	-.4	1.6
Services	48,310	48,861	49,125	1.8	1.1	.5
Government	37,001	36,867	36,811	-1.7	-.4	-.2

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

^p = preliminary.

^r = revised.

NOTE: Data refer to hours of all employees—production workers,

nonsupervisory workers, and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods*, BLS Bulletin 2285, chapter 10, Productivity Measures: Business Sector and Major Subsectors. SOURCE: Office of Productivity and Technology (202 523 9261).

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

(1982=100)

Item	Annual average		Quarterly index										
	1989	1990	1988		1989				1990				1991
			III	IV	I	II	III	IV	I	II	III	IV	I
Business sector													
Output per hour of all persons	112.8	111.9	113.6	113.1	113.0	113.0	112.6	111.9	111.7	111.9	112.1	111.8	111.8
Output	135.8	136.1	133.8	134.5	135.6	135.9	136.1	135.5	136.0	136.4	136.5	135.4	133.8
Hours	120.5	121.6	117.8	116.8	120.0	120.2	120.9	121.0	121.7	121.9	121.8	121.1	119.7
Compensation per hour	132.9	137.7	129.7	130.8	131.8	132.7	133.1	133.8	135.3	137.0	138.6	139.8	141.1
Real compensation per hour	103.4	101.7	105.1	104.8	104.4	103.5	103.0	102.5	101.8	102.2	101.7	100.8	100.9
Unit labor costs	117.9	123.1	114.2	115.6	116.7	117.4	118.2	119.5	121.1	122.5	123.6	125.0	126.2
Unit nonlabor payments	133.1	136.8	128.8	130.2	130.9	133.3	133.9	134.5	135.5	137.0	137.8	136.7	139.0
Implicit price deflator	122.8	127.5	118.9	120.3	121.2	122.5	123.3	124.3	125.8	127.2	128.2	128.8	130.3
Nonfarm business sector													
Output per hour of all persons	111.7	110.8	112.8	112.9	112.1	112.0	111.7	111.0	110.7	110.7	110.9	110.7	110.8
Output	136.7	136.9	134.8	136.0	136.4	136.8	137.1	136.3	136.8	137.2	137.4	136.1	134.5
Hours	122.3	123.6	119.5	120.5	121.7	122.2	122.7	122.8	123.7	123.9	123.9	123.0	121.5
Compensation per hour	131.9	136.6	128.8	130.0	131.0	131.6	132.1	132.9	134.2	135.8	137.4	138.7	140.1
Real compensation per hour	102.7	100.8	104.3	104.2	103.8	102.7	102.3	101.9	101.0	101.3	100.8	100.0	100.2
Unit labor costs	118.1	123.3	114.2	115.2	116.9	117.5	118.3	119.7	121.3	122.7	123.9	125.3	126.5
Unit nonlabor payments	133.8	137.3	128.8	132.1	131.0	134.0	134.8	135.4	135.7	137.5	138.3	137.7	139.9
Implicit price deflator	123.0	127.7	118.8	120.5	121.4	122.7	123.5	124.7	125.8	127.3	128.4	129.2	130.7
Manufacturing													
Output per hour of all persons	133.3	136.8	133.4	133.3	133.3	133.7	132.9	133.5	135.1	136.1	137.9	137.5	137.1
Output	146.4	147.0	146.1	147.1	147.1	147.1	146.0	145.3	145.9	147.5	148.8	145.7	141.5
Hours	109.8	107.4	109.5	110.3	110.4	110.0	109.9	108.8	108.0	108.3	107.9	106.0	103.2
Compensation per hour	127.7	132.0	123.6	125.0	126.7	127.1	128.2	128.9	129.7	131.2	132.5	134.0	135.2
Real compensation per hour	99.4	97.4	100.1	100.2	100.3	99.1	99.2	98.8	97.6	97.8	97.2	96.7	96.7
Unit labor costs	95.8	96.5	92.6	93.8	95.1	95.0	96.4	96.6	96.0	96.4	96.1	97.5	98.6
Durable goods													
Output per hour of all persons	145.5	150.3	143.8	144.4	144.4	146.2	145.7	145.5	147.2	149.6	152.3	151.2	150.7
Output	161.0	161.4	159.6	161.7	161.7	162.2	161.0	159.1	159.7	162.6	164.3	159.1	153.4
Hours	110.7	107.4	111.0	112.0	112.0	110.9	110.5	109.3	108.5	108.7	107.9	105.2	101.8
Compensation per hour	126.4	130.4	121.7	123.4	125.3	125.7	127.0	127.6	128.1	129.5	131.0	132.6	133.8
Real compensation per hour	98.4	96.3	98.6	98.9	99.2	98.1	98.3	97.8	96.4	96.6	96.1	95.6	95.7
Unit labor costs	86.9	86.8	84.7	85.5	86.8	86.0	87.2	87.7	87.0	86.5	86.0	87.7	88.8
Nondurable goods													
Output per hour of all persons	116.9	118.9	119.3	118.2	118.0	116.9	115.6	117.3	118.8	118.1	118.7	119.4	119.3
Output	126.9	127.7	128.1	127.6	127.6	127.1	126.1	126.9	127.6	127.4	128.0	127.8	125.7
Hours	108.5	107.4	107.4	107.9	108.1	108.7	109.0	108.1	107.4	107.9	107.9	107.0	105.3
Compensation per hour	129.6	134.6	126.3	127.4	128.5	129.1	130.0	131.1	132.2	134.0	135.1	136.7	138.0
Real compensation per hour	100.9	99.4	102.3	102.1	101.8	100.7	100.6	100.5	99.6	99.9	99.1	98.6	98.7
Unit labor costs	110.8	113.3	105.9	107.8	108.9	110.5	112.4	111.7	111.3	113.5	113.8	114.5	115.7
Nonfinancial corporations													
Output per all-employee hour	114.9	114.1	115.4	115.5	114.7	114.8	115.4	114.2	113.7	114.2	113.9	114.0	113.9
Output	140.4	140.6	137.8	139.3	139.5	140.3	141.5	140.4	140.5	141.4	141.1	139.6	137.5
Hours	122.2	123.3	119.4	120.6	121.7	122.2	122.7	123.0	123.5	123.8	123.9	122.5	120.7
Compensation per hour	129.3	133.6	125.9	126.9	128.3	128.8	129.3	130.0	130.9	133.0	134.4	135.7	137.0
Real compensation per hour	100.6	98.6	102.0	101.7	101.6	100.5	100.1	99.6	98.5	99.2	98.6	97.9	98.0
Total unit costs	111.4	116.3	107.8	108.5	110.1	110.9	111.5	113.2	114.3	115.4	117.1	118.6	120.4
Unit labor costs	112.5	117.1	109.2	109.9	111.9	112.2	112.1	113.9	115.1	116.5	118.0	119.0	120.3
Unit nonlabor costs	108.6	114.3	104.1	105.0	105.4	107.5	109.8	111.5	112.4	112.6	114.8	117.3	120.7
Unit profits	153.4	139.5	168.4	175.2	158.4	158.4	154.4	142.5	142.9	149.1	138.6	127.5	127.3
Implicit price deflator	114.0	117.8	111.6	112.7	113.1	113.9	114.2	115.0	116.1	117.5	118.5	119.1	120.8

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

**PRODUCTIVITY DATA
SEASONALLY ADJUSTED**

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

Item	Percent change from											
	Previous quarter						Same quarter, previous year					
	IV 1989	I 1990	II 1990	III 1990	IV 1990	I 1991	IV 1989	I 1990	II 1990	III 1990	IV 1990	I 1991
Business sector												
Output per hour of all persons	-2.3	-0.9	0.6	0.9	-1.2	0.1	-1.1	-1.2	-1.0	-0.4	-0.1	0.1
Output	-1.8	1.4	1.2	.5	-3.4	-4.5	.8	.3	.3	.3	-.1	-1.6
Hours .....	.4	2.3	.5	-.4	-2.2	-4.6	1.9	1.4	1.4	.7	.1	-1.7
Compensation per hour	2.2	4.5	5.4	4.6	3.5	3.7	2.3	2.6	3.3	4.2	4.5	4.3
Real compensation per hour	-1.8	-2.7	1.4	-2.1	-3.2	.2	-2.2	-2.5	-1.3	-1.3	-1.7	-1.0
Unit labor costs	4.6	5.4	4.7	3.7	4.8	3.7	3.4	3.8	4.4	4.6	4.6	4.2
Unit nonlabor payments	1.7	3.1	4.5	2.4	-3.2	6.8	3.2	3.6	2.8	2.9	1.7	2.6
Implicit price deflator	3.5	4.6	4.6	3.2	2.0	4.7	3.4	3.7	3.8	4.0	3.6	3.6
Nonfarm business sector												
Output per hour of all persons	-2.5	-1.3	.3	.6	-.7	.3	-1.6	-1.3	-1.1	-.7	-.3	.1
Output	-2.1	1.4	1.2	.4	-3.6	-4.6	.3	.3	.3	.2	-.1	-1.7
Hours .....	.5	2.8	.9	-.2	-2.8	-4.9	1.9	1.6	1.4	1.0	.1	-1.8
Compensation per hour	2.3	3.9	5.0	4.7	3.9	4.0	2.2	2.4	3.2	4.0	4.4	4.4
Real compensation per hour	-1.6	-3.2	1.0	-2.0	-2.9	.5	-2.2	-2.6	-1.3	-1.5	-1.8	-.9
Unit labor costs	5.0	5.3	4.7	4.1	4.7	3.7	3.9	3.7	4.4	4.8	4.7	4.3
Unit nonlabor payments	1.7	1.0	5.2	2.6	-1.7	6.3	2.5	3.6	2.6	2.6	1.7	3.0
Implicit price deflator	3.9	3.8	4.8	3.6	2.5	4.6	3.4	3.7	3.8	4.0	3.7	3.9
Manufacturing												
Output per hour of all persons	1.8	4.9	3.1	5.4	-1.3	-1.2	.1	1.4	1.8	3.8	3.0	1.5
Output	-2.0	1.8	4.3	3.5	-8.1	-10.9	-1.2	-.8	.2	1.9	.3	-3.0
Hours	-3.7	-2.9	1.2	-1.7	-6.9	-9.9	-1.3	-2.1	-1.5	-1.8	-2.6	-4.4
Compensation per hour	2.4	2.3	4.7	4.0	4.7	3.5	3.1	2.4	3.2	3.3	3.9	4.3
Real compensation per hour	-1.6	-4.8	.8	-2.7	-2.1	.0	-1.4	-2.7	-1.3	-2.1	-2.2	-1.0
Unit labor costs .....	.6	-2.5	1.6	-1.3	6.1	4.8	3.0	1.0	1.4	-.4	.9	2.7
Durable goods												
Output per hour of all persons	-.5	4.8	6.6	7.5	-2.9	-1.3	.8	2.0	2.3	4.5	3.9	2.4
Output	-4.7	1.6	7.3	4.3	-12.1	-13.6	-1.6	-1.2	.3	2.0	.0	-4.0
Hours	-4.1	-3.1	.7	-3.0	-9.5	-12.4	-2.3	-3.1	-2.0	-2.4	-3.8	-6.2
Compensation per hour	1.8	1.5	4.4	4.6	5.0	3.7	3.4	2.2	3.0	3.1	3.9	4.4
Real compensation per hour	-2.1	-5.5	.5	-2.1	-1.8	.2	-1.1	-2.8	-1.5	-2.3	-2.2	-.8
Unit labor costs	2.4	-3.1	-2.0	-2.7	8.1	5.1	2.6	.2	.7	-1.4	.0	2.0
Nondurable goods												
Output per hour of all persons	5.9	5.2	-2.4	2.2	2.3	-.2	-.8	.6	1.0	2.7	1.8	.4
Output	2.5	2.3	-.6	2.1	-.9	-6.4	-.6	.0	.2	1.6	.7	-1.5
Hours	-3.2	-2.7	1.8	.0	-3.1	-6.2	.2	-.7	-.8	-1.1	-1.0	-1.9
Compensation per hour	3.4	3.6	5.4	3.3	4.9	3.9	2.9	2.9	3.7	3.9	4.3	4.4
Real compensation per hour	-.5	-3.5	1.4	-3.3	-1.9	.3	-1.6	-2.2	-.8	-1.5	-1.9	-.9
Unit labor costs	-2.3	-1.5	8.0	1.1	2.6	4.2	3.7	2.2	2.7	1.2	2.5	3.9
Nonfinancial corporations												
Output per all-employee hour	-4.2	-1.5	1.6	-1.0	.4	-.4	-1.1	-.8	-.6	-1.3	-.1	.2
Output	-3.1	.3	2.5	-.8	-4.1	-6.0	.8	.7	.8	-.3	-.6	-2.1
Hours	1.1	1.8	.9	.2	-4.5	-5.6	2.0	1.5	1.3	1.0	-.4	-2.3
Compensation per hour	1.9	2.8	6.6	4.4	3.9	3.9	2.5	2.0	3.2	3.9	4.4	4.7
Real compensation per hour	-2.0	-4.3	2.6	-2.3	-2.9	.3	-2.0	-3.0	-1.3	-1.5	-1.7	-.6
Total unit costs	6.4	4.0	3.7	6.3	5.0	6.4	4.3	3.9	4.0	5.1	4.7	5.3
Unit labor costs	6.4	4.3	4.9	5.5	3.4	4.3	3.6	2.9	3.8	5.3	4.5	4.5
Unit nonlabor costs	6.4	3.3	.5	8.3	9.1	12.0	6.2	6.6	4.7	4.6	5.2	7.4
Unit profits	-27.5	1.1	18.6	-25.3	-28.4	-.5	-18.7	-9.8	-5.9	-10.2	-10.5	-10.9
Implicit price deflator	3.1	3.8	4.8	3.4	2.2	5.9	2.1	2.7	3.2	3.8	3.5	4.1

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

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Alabama	1,898.6	1,889.3	1,889.2	110.0	137.9	132.5	5.8	7.3	7.0
Birmingham	438.9	437.5	436.9	20.4	24.9	24.9	4.6	5.7	5.7
Huntsville	133.8	132.9	133.9	5.2	7.3	7.3	3.9	5.5	5.4
Mobile	211.8	212.3	212.1	12.4	15.0	14.9	5.9	7.0	7.0
Montgomery	138.8	136.8	136.4	8.1	8.6	8.5	5.8	6.3	6.3
Tuscaloosa	74.7	73.3	73.4	3.6	4.0	4.1	4.8	5.4	5.6
Alaska	257.4	257.1	259.6	19.0	18.0	19.8	7.4	7.0	7.6
Arizona	1,740.7	1,715.8	1,714.5	95.7	76.3	74.7	5.5	4.4	4.4
Phoenix	1,083.7	1,067.5	1,068.6	48.8	41.5	39.5	4.5	3.9	3.7
Tucson	316.6	318.1	317.5	13.3	9.9	9.0	4.2	3.1	2.8
Arkansas	1,129.9	1,115.6	1,140.8	80.4	83.5	85.3	7.1	7.5	7.5
Fayetteville-Springdale	83.6	63.0	64.4	2.3	2.2	2.2	3.6	3.5	3.5
Fort Smith	92.2	90.0	92.9	6.2	7.1	7.1	6.7	7.9	7.7
Little Rock-North Little Rock	265.9	263.8	269.1	17.0	16.6	16.8	6.4	8.3	6.3
Pine Bluff	38.7	37.2	37.8	3.3	3.9	4.0	8.5	10.5	10.6
California¹	14,750.0	14,664.3	14,655.0	786.1	1,083.9	1,120.4	5.3	7.4	7.6
Anaheim-Santa Ana	1,383.3	1,358.1	1,354.9	44.4	62.9	65.1	3.2	4.8	4.8
Bakersfield	234.8	235.0	235.4	23.2	29.8	26.9	9.9	12.7	11.4
Fresno	317.5	327.1	328.5	30.8	43.2	39.0	9.7	13.2	11.9
Los Angeles-Long Beach ¹	4,498.0	4,416.0	4,447.0	245.0	320.0	375.0	5.4	7.2	8.4
Modesto	162.5	164.4	165.6	20.2	25.8	26.4	12.4	15.7	15.9
Oakland	1,087.1	1,089.5	1,080.6	44.6	58.3	60.2	4.1	5.4	5.6
Oxnard-Ventura	376.8	366.5	362.1	17.9	22.5	22.2	4.7	6.1	6.1
Riverside-San Bernardino	1,069.3	1,101.0	1,092.2	66.5	98.2	100.5	6.2	8.9	9.2
Sacramento	735.1	734.0	729.4	34.0	49.3	48.6	4.6	6.7	6.7
Salinas-Seaside-Monterey	162.1	162.4	162.7	11.0	18.7	14.1	6.8	11.5	8.7
San Diego	1,178.4	1,165.0	1,155.7	51.7	70.8	73.5	4.4	6.1	6.4
San Francisco	870.5	868.1	858.3	28.5	37.4	38.2	3.3	4.3	4.5
San Jose	812.4	796.9	796.4	31.8	44.2	45.4	3.9	5.5	5.7
Santa Barbara-Santa Maria-Lompoc	184.0	179.7	177.8	7.2	10.5	9.3	3.9	5.8	5.2
Santa Rosa-Petaluma	208.4	214.9	212.8	8.9	13.0	12.5	4.3	6.1	5.9
Stockton	201.1	198.6	205.1	18.8	25.0	24.0	9.4	12.6	11.7
Vallejo-Fairfield-Napa	200.3	201.3	200.6	9.9	14.2	13.4	4.9	7.1	6.7
Colorado	1,749.0	1,771.3	1,778.0	88.2	95.4	96.8	5.0	5.4	5.4
Boulder-Longmont	139.0	138.5	139.8	5.2	5.3	5.2	3.7	3.8	3.8
Denver	892.0	898.0	898.9	40.8	42.1	45.0	4.6	4.7	5.0
Connecticut	1,801.8	1,755.7	1,776.9	91.7	91.9	92.2	5.1	5.2	5.2
Bridgeport-Milford	233.7	225.8	228.6	14.6	13.9	13.9	6.2	6.1	6.1
Hartford	436.6	424.0	428.8	19.9	20.3	20.5	4.5	4.8	4.8
New Britain	75.6	72.9	74.9	4.7	5.1	5.5	6.2	8.9	7.3
New Haven-Meriden	290.9	286.0	285.4	14.1	14.3	14.2	4.9	5.0	5.0
Stamford	114.4	112.7	114.4	4.0	4.0	4.0	3.5	3.5	3.5
Waterbury	105.6	100.4	101.9	7.8	8.1	7.9	7.3	8.1	7.7
Delaware	363.1	363.5	366.7	16.1	26.7	25.3	4.4	7.3	6.9
Wilmington	313.9	316.5	317.6	13.7	25.2	21.5	4.4	8.0	6.8
District of Columbia	297.8	283.7	278.8	19.6	19.7	22.8	6.6	6.9	8.2
Washington	2,211.7	2,192.2	2,198.1	67.5	88.7	98.1	3.1	4.0	4.5
Florida¹	6,301.8	6,330.8	6,403.3	342.2	415.7	460.1	5.4	6.6	7.2
Daytona Beach	158.3	161.8	162.7	7.8	10.1	11.0	4.9	6.3	8.7
Fort Lauderdale-Hollywood-Pompano Beach	650.0	653.0	660.4	33.3	44.4	48.9	5.1	6.8	7.4
Fort Myers-Cape Coral	149.8	159.2	159.7	6.5	8.8	9.8	4.3	5.5	6.1
Gainesville	108.4	107.4	109.9	3.6	4.3	4.6	3.3	4.0	4.2
Jacksonville	456.4	451.8	461.2	23.0	27.2	29.8	5.0	6.0	6.5
Lakeland-Winter Haven	182.1	176.5	180.4	17.8	14.8	18.6	9.8	8.4	10.3
Melbourne-Titusville-Palm Bay	195.0	191.2	192.7	10.0	12.8	13.5	5.1	6.7	7.0
Miami-Hialeah	938.8	934.1	941.6	58.5	76.5	82.6	6.2	8.2	8.8
Oriando	633.2	628.6	637.2	29.3	37.5	41.3	4.6	6.0	6.5
Pensacola	148.0	147.0	150.0	7.8	8.3	9.5	5.3	5.7	6.3
Sarasota	125.6	127.4	127.9	4.8	6.1	6.4	3.9	4.8	5.0
Tallahassee	136.4	135.3	137.3	5.4	5.1	6.3	4.0	3.8	4.6
Tampa-St. Petersburg-Clearwater	1,006.3	1,014.7	1,028.0	47.8	59.6	64.9	4.8	5.9	6.3
West Palm Beach-Boca Raton-DeRay Beach	425.0	431.6	429.4	24.1	30.0	33.2	5.7	7.0	7.7

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Georgia	3,185.7	3,155.9	3,185.2	151.1	165.4	187.1	4.7	5.2	5.9
Albany	53.9	54.0	54.6	3.1	2.9	3.5	5.8	5.5	6.3
Athens	77.6	75.3	75.5	2.8	3.2	3.5	3.7	4.2	4.6
Atlanta	1,502.6	1,494.0	1,510.4	67.5	75.7	86.6	4.5	5.1	5.7
Augusta	197.1	197.3	198.8	7.8	9.1	10.3	4.0	4.6	5.3
Columbus	99.9	98.9	99.6	5.1	5.2	5.8	5.1	5.3	5.9
Macon-Warner Robins	134.6	132.7	132.9	5.6	5.7	6.6	4.2	4.3	5.0
Savannah	115.6	116.3	116.6	5.7	5.2	5.9	4.9	4.5	5.1
Hawaii	541.0	551.9	554.3	14.0	12.9	15.5	2.8	2.3	2.8
Honolulu	393.8	399.5	401.0	9.1	8.0	9.7	2.3	2.0	2.4
Idaho	498.6	495.6	502.6	28.9	33.0	31.7	5.8	6.7	6.3
Boise City	116.4	117.1	116.3	4.5	4.8	4.9	3.9	4.1	4.2
Illinois ¹	5,964.5	6,017.0	5,950.3	324.3	388.7	353.4	5.4	6.5	5.9
Aurora-Elgin	187.5	191.9	190.1	9.2	13.0	11.7	4.9	6.8	6.2
Bloomington-Normal	75.2	75.3	75.0	2.5	3.1	2.8	3.3	4.1	3.7
Champaign-Urbana-Rantoul	91.9	93.6	92.6	3.3	3.5	3.4	3.6	3.7	3.7
Chicago	3,255.3	3,289.3	3,248.1	174.2	206.6	190.1	5.4	6.3	5.9
Davenport-Rock Island-Moline	179.1	182.5	181.4	9.0	11.2	10.5	5.0	6.1	5.8
Decatur	58.9	59.8	59.6	3.5	4.5	4.5	5.9	7.5	7.6
Joliet	207.8	208.2	206.3	12.4	14.8	13.1	6.0	7.1	6.4
Kankakee	47.1	47.6	46.9	2.9	3.5	3.2	6.1	7.4	6.8
Lake County	306.9	308.9	308.0	9.7	13.6	11.4	3.2	4.4	3.7
Peoria	164.7	164.3	163.3	8.2	10.5	9.6	5.0	6.4	5.9
Rockford	154.8	155.1	154.0	7.9	10.7	9.8	5.1	6.9	6.4
Springfield	113.4	113.6	112.8	4.5	4.6	4.5	4.0	4.1	4.0
Indiana	2,865.0	2,837.4	2,838.3	139.3	187.0	169.0	4.9	5.9	6.0
Anderson	80.3	59.5	59.2	3.6	4.3	4.3	6.0	7.2	7.3
Bloomington	81.2	61.4	61.0	2.5	1.8	2.1	4.0	2.9	3.5
Elkhart-Goshen	94.7	92.3	93.3	3.8	5.6	5.2	4.0	6.1	5.6
Evansville	145.8	143.8	144.3	7.8	8.1	8.2	5.2	5.6	5.7
Fort Wayne	208.7	204.8	201.3	9.7	14.7	11.7	4.7	7.2	5.8
Gary-Hammond	267.3	281.0	262.2	15.6	17.1	18.9	5.8	8.5	7.2
Indianapolis	875.5	887.1	888.8	25.1	28.2	30.2	3.7	4.1	4.4
Kokomo	48.5	47.9	46.6	2.8	5.5	3.5	5.8	11.4	7.6
Lafayette-West Lafayette	68.0	68.5	65.8	2.0	1.8	2.3	3.0	2.7	3.6
Muncie	61.4	60.7	60.8	2.8	3.8	3.6	4.6	6.2	5.9
South Bend-Mishawaka	132.3	129.8	130.0	6.7	6.8	7.2	5.0	5.2	5.5
Terre Haute	61.1	61.2	60.3	2.7	3.3	3.4	4.4	5.4	5.7
Iowa	1,503.0	1,525.5	1,525.3	55.2	72.2	70.8	3.7	4.7	4.6
Cedar Rapids	96.0	99.0	98.7	5.0	5.6	5.4	5.2	5.7	5.5
Des Moines	233.3	241.4	239.9	7.0	9.0	9.4	3.0	3.7	3.9
Dubuque	44.3	46.0	44.7	2.2	2.5	2.4	5.0	5.3	5.3
Iowa City	82.5	63.4	63.4	1.0	1.1	1.1	1.8	1.7	1.7
Sioux City	60.9	82.5	82.6	2.3	2.9	2.9	3.8	4.7	4.7
Waterloo-Cedar Falls	72.8	78.2	75.8	3.1	4.5	4.8	4.3	5.9	6.1
Kansas	1,300.1	1,315.0	1,306.7	51.4	81.2	58.1	4.0	4.7	4.4
Lawrence	45.0	46.0	45.5	1.7	1.8	1.7	3.8	4.0	3.7
Topeka	93.5	92.5	91.3	4.0	4.3	4.3	4.3	4.7	4.7
Wichita	254.9	262.1	260.2	9.8	11.9	11.8	3.8	4.5	4.5
Kentucky	1,787.7	1,776.3	1,788.9	103.0	129.6	124.0	5.8	7.3	6.9
Lexington-Fayette	199.2	196.6	196.1	7.5	7.8	7.6	3.8	4.0	3.9
Louisville	517.0	520.5	528.4	25.1	28.0	34.1	4.8	5.4	6.5
Owensboro	45.4	44.2	44.3	2.9	2.8	3.0	6.4	6.4	6.8
Louisiana	1,888.5	1,915.5	1,897.7	113.8	121.9	135.3	6.0	6.4	7.1
Alexandria	57.5	58.5	57.9	3.5	3.7	4.1	6.1	6.3	7.0
Baton Rouge	271.2	275.5	272.4	14.1	15.5	18.0	5.2	5.6	6.8
Houma-Thibodaux	69.8	71.3	71.4	3.7	4.0	4.6	5.2	5.6	6.4
Lafayette	104.5	108.3	107.0	4.7	5.0	5.7	4.5	4.7	5.4
Lake Charles	79.3	81.1	79.9	4.8	5.4	6.1	6.0	6.6	7.6
Monroe	69.3	68.9	67.9	3.6	4.1	4.4	5.3	8.0	6.5
New Orleans	579.1	586.9	580.9	33.3	31.9	35.1	5.7	5.4	6.0
Shreveport	154.6	155.2	153.1	10.1	10.1	10.4	6.5	6.5	6.8
Maine	631.4	638.8	638.3	26.5	54.3	52.9	4.2	8.5	8.3
Lewiston-Auburn	42.7	43.3	43.4	2.4	4.5	4.7	5.8	10.5	10.9
Portland	133.4	130.8	131.1	3.9	8.0	8.1	2.9	6.1	6.2

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Maryland	2,542.7	2,534.2	2,543.2	96.8	141.6	148.3	3.8	5.6	5.6
Baltimore	1,217.2	1,214.2	1,217.8	50.5	74.8	79.9	4.1	6.2	6.6
Massachusetts ¹	3,190.4	3,111.4	3,124.3	163.0	259.6	288.4	5.1	8.3	9.2
Boston	1,573.8	1,531.8	1,533.4	68.8	109.6	124.1	4.4	7.2	8.1
Brockton	99.6	98.3	98.9	6.3	9.9	11.3	6.3	10.0	11.4
Fall River	77.4	77.1	77.1	8.4	10.4	10.5	8.3	13.5	13.6
Fitchburg-Leominster	49.2	45.5	45.7	3.5	5.0	5.6	7.1	11.0	12.3
Lawrence-Haverhill	187.9	183.6	185.4	13.0	17.2	19.4	6.9	9.3	10.5
Lowell	154.8	147.0	147.5	9.4	13.1	15.2	6.1	8.9	10.3
New Bedford	86.9	86.6	86.9	6.8	10.6	11.3	7.8	12.2	13.0
Pittsfield	42.5	41.8	42.2	2.2	4.2	4.5	5.3	10.1	10.8
Springfield	257.7	257.4	258.2	12.9	21.4	24.2	5.0	8.3	9.4
Worcester	219.9	212.7	213.8	12.0	19.1	21.3	5.5	9.0	9.9
Michigan ¹	4,549.5	4,499.0	4,494.3	321.7	434.3	404.8	7.1	9.7	9.0
Ann Arbor	162.1	162.2	159.9	6.3	10.1	9.0	3.9	6.2	5.6
Battle Creek	63.7	63.7	62.8	5.0	5.6	5.3	7.9	8.8	8.4
Benton Harbor	77.6	76.9	77.6	5.5	7.3	7.1	7.1	9.5	9.2
Detroit	2,137.0	2,091.8	2,092.1	150.1	199.7	188.9	7.0	9.5	9.1
Flint	182.8	186.5	184.9	14.7	26.6	20.9	8.0	14.3	11.3
Grand Rapids	372.9	373.7	371.8	21.8	27.3	26.7	5.9	7.3	7.2
Jackson	65.5	64.5	64.5	5.1	6.8	6.5	7.8	10.5	10.0
Kalamazoo	117.9	118.4	115.8	8.2	7.4	6.9	5.3	6.2	5.9
Lansing-East Lansing	240.7	237.9	239.9	12.3	14.7	18.7	5.1	8.2	7.8
Muskegon	68.4	67.6	67.6	6.4	8.2	8.1	9.3	12.2	11.9
Saginaw-Bay City-Midland	184.6	185.1	184.5	13.0	17.8	15.6	7.1	9.6	8.4
Minnesota	2,376.7	2,429.8	2,467.3	110.0	122.6	136.4	4.6	5.0	5.5
Duluth	112.5	113.8	114.4	6.7	7.5	8.1	6.0	6.6	7.1
Minneapolis-St. Paul	1,383.4	1,414.7	1,423.4	58.2	63.1	72.1	4.2	4.5	5.1
Rochester	64.0	66.1	66.7	1.9	1.9	2.3	3.0	2.9	3.5
St. Cloud	100.2	104.5	106.4	5.4	6.2	6.9	5.4	5.9	6.4
Mississippi	1,172.2	1,195.1	1,197.9	69.1	94.3	101.3	5.9	7.9	8.5
Jackson	201.0	202.9	203.0	8.5	11.8	12.6	4.2	5.8	6.2
Missouri	2,667.7	2,715.8	2,688.4	127.5	164.0	180.3	4.8	6.0	6.7
Kansas City	854.2	875.1	865.8	37.1	49.1	49.3	4.3	5.6	5.7
St. Louis LMA	1,276.6	1,291.3	1,279.9	63.4	80.4	84.7	5.0	6.2	6.6
Springfield	131.1	134.3	131.3	5.2	6.1	7.0	4.0	4.5	5.3
Montana	404.2	406.5	405.5	21.7	27.4	25.9	5.4	6.7	6.4
Nebraska	844.0	862.1	875.2	14.7	20.5	22.5	1.7	2.4	2.6
Lincoln	130.2	133.2	134.5	1.8	2.6	2.9	1.4	1.9	2.1
Omaha	337.9	352.9	356.7	7.4	10.1	10.2	2.2	2.9	2.9
Nevada	616.0	639.2	644.5	30.7	38.1	38.8	5.0	6.0	6.0
Las Vegas	377.6	398.4	401.1	19.3	24.7	25.5	5.1	6.2	6.4
Reno	133.9	136.1	137.1	6.3	7.5	7.4	4.7	5.5	5.4
New Hampshire	629.2	633.3	640.7	36.6	45.5	45.8	5.8	7.2	7.1
Manchester	88.0	89.0	89.4	5.2	6.1	6.3	5.9	6.9	7.0
Nashua	101.0	99.2	99.6	6.8	6.5	7.3	6.7	6.6	7.3
Portsmouth-Dover-Rochester	140.8	142.7	144.7	5.4	7.7	7.3	3.8	5.4	5.1
New Jersey ¹	4,019.0	3,992.3	3,974.6	184.8	243.3	259.0	4.6	6.1	6.5
Atlantic City	186.3	179.8	181.3	9.7	14.6	14.3	5.2	8.1	7.9
Bergen-Passaic	702.1	688.8	683.9	29.9	39.7	42.6	4.3	5.8	6.2
Jersey City	275.6	268.6	268.3	20.3	23.7	25.0	7.4	8.8	9.3
Middlesex-Somerset-Hunterdon	585.0	587.6	584.6	19.6	26.5	29.6	3.4	4.5	5.1
Monmouth-Ocean	488.4	480.6	484.0	20.8	28.5	29.6	4.3	5.9	6.1
Newark	941.7	942.9	933.7	47.6	59.5	63.5	5.1	6.3	6.8
Trenton	174.0	174.1	172.3	6.2	8.9	9.1	3.6	5.1	5.3
Vineland-Milville-Bridgeton	61.1	61.7	61.2	4.3	6.1	6.4	7.1	9.8	10.5
New Mexico	703.9	703.1	712.4	45.1	54.1	54.1	6.4	7.7	7.6
Albuquerque	265.4	263.6	270.1	13.5	15.3	16.2	5.1	5.8	6.0
Las Cruces	59.2	59.5	59.8	3.9	5.1	4.9	6.7	8.6	8.3
Santa Fe	69.8	70.9	71.8	2.3	3.1	3.5	3.3	4.4	4.8

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
New York ¹	8,835.3	8,594.2	8,815.9	440.8	825.9	836.6	5.1	7.3	7.4
Albany-Schenectady-Troy	437.5	439.5	441.5	14.9	25.4	25.8	3.4	5.8	5.8
Binghamton	122.5	120.4	121.1	4.9	7.7	7.6	4.0	8.4	8.3
Buffalo	459.8	460.5	466.0	20.8	31.6	32.2	4.5	8.9	8.9
Elmira	44.2	42.4	42.6	2.0	2.9	3.1	4.4	6.9	7.2
Glens Falls	53.1	52.0	52.8	3.0	5.2	4.8	5.7	10.1	9.1
Nassau-Suffolk	1,400.3	1,380.0	1,400.6	52.7	76.4	86.7	3.8	5.5	8.2
New York	3,980.6	3,975.6	3,936.8	250.7	329.3	326.6	6.3	8.3	8.3
New York City ¹	3,311.0	3,314.0	3,268.0	229.0	296.0	290.0	6.9	8.9	8.9
Orange County	135.9	133.1	136.3	6.0	8.9	9.8	4.5	6.7	7.2
Poughkeepsie	128.8	128.1	129.9	3.8	6.7	6.9	2.9	5.2	5.3
Rochester	510.3	506.0	513.0	17.9	25.4	26.5	3.5	5.0	5.2
Syracuse	322.6	324.5	327.1	12.8	21.6	22.2	3.9	6.7	8.8
Utica-Rome	138.6	135.4	136.3	6.2	10.1	10.2	4.4	7.4	7.5
North Carolina ¹	3,439.1	3,383.2	3,424.0	131.5	189.9	227.6	3.8	5.6	6.6
Asheville	92.7	91.4	92.3	2.8	4.1	5.1	3.0	4.5	5.5
Charlotte-Gastonia-Rock Hill	851.6	845.3	847.7	21.3	31.1	38.7	3.3	4.8	6.0
Greensboro-Winston-Salem-High Point	526.3	513.2	517.1	18.7	24.8	30.8	3.6	4.8	8.0
Raleigh-Durham	420.8	417.1	413.6	10.3	13.5	17.0	2.5	3.2	4.1
North Dakota	325.4	323.3	321.7	11.7	12.0	13.5	3.6	3.7	4.2
Bismarck	47.6	47.5	47.4	1.5	1.7	1.8	3.2	3.5	3.8
Fargo-Moorhead	88.4	90.5	89.7	2.3	3.0	3.0	2.6	3.3	3.3
Grand Forks	35.6	38.0	35.8	1.3	1.0	1.3	3.8	2.9	3.7
Ohio ¹	5,409.0	5,473.0	5,445.2	304.8	386.0	291.7	5.6	7.1	5.4
Akron	330.9	337.4	336.6	16.7	22.0	18.8	5.1	8.5	4.9
Canton	193.5	194.9	194.5	12.6	15.4	12.3	6.5	7.9	8.3
Cincinnati	779.9	798.4	795.9	34.2	40.6	33.7	4.4	5.1	4.2
Cleveland	947.2	954.5	953.8	45.6	55.8	43.8	4.8	5.8	4.6
Columbus	732.7	744.5	745.5	32.8	38.6	29.5	4.4	4.9	4.0
Dayton-Springfield	472.5	478.7	472.5	24.9	31.9	22.5	5.3	8.7	4.8
Toledo	313.5	318.2	308.5	21.2	32.6	19.4	8.8	10.2	8.3
Youngstown-Warren	221.8	221.8	221.4	14.7	18.4	14.0	6.6	8.3	6.3
Oklahoma	1,558.8	1,517.9	1,521.8	85.5	94.4	108.0	5.5	6.2	7.1
Enid	27.5	26.9	26.8	1.2	1.3	1.7	4.3	5.0	8.3
Lawton	48.8	47.4	48.4	2.8	3.1	3.5	5.8	6.5	7.2
Oklahoma City	505.0	486.5	489.0	25.7	25.1	29.4	5.1	5.2	8.0
Tulsa	350.2	341.0	339.9	19.8	21.5	23.7	5.6	8.3	7.0
Oregon	1,488.4	1,508.9	1,511.9	75.3	88.8	87.3	5.1	5.9	5.8
Eugene-Springfield	150.2	149.9	149.8	8.0	9.7	9.2	5.3	6.5	6.1
Medford	72.5	73.5	73.1	4.5	5.8	5.7	6.2	7.9	7.8
Portland	681.7	700.8	702.7	26.8	30.1	32.0	3.9	4.3	4.6
Salem	139.5	140.2	140.2	7.4	8.0	7.9	5.3	5.7	5.6
Pennsylvania ¹	5,888.6	5,911.0	5,938.4	285.0	403.9	447.4	4.8	6.8	7.5
Allentown-Bethlehem	334.5	339.1	342.5	17.2	23.2	25.9	5.1	8.9	7.6
Altoona	61.7	61.9	62.5	3.7	5.6	6.0	5.9	9.0	9.5
Beaver County	60.5	59.6	60.6	4.2	5.4	5.9	7.0	9.1	9.8
Erie	133.9	135.3	134.8	6.7	9.4	10.0	5.0	6.9	7.4
Harrisburg-Lebanon-Carlisle	330.6	331.2	333.6	12.3	18.3	19.9	3.7	5.5	6.0
Johnstown	96.6	97.6	98.3	8.6	9.0	9.6	6.8	9.2	9.8
Lancaster	229.8	227.8	229.3	8.1	11.8	13.1	3.5	5.2	5.7
Philadelphia	2,437.2	2,453.7	2,457.0	103.5	151.8	174.6	4.2	6.2	7.1
Pittsburgh	988.8	990.1	999.2	43.1	57.6	62.7	4.4	5.8	6.3
Reading	177.2	176.0	176.3	8.4	12.7	13.5	4.7	7.2	7.6
Scranton-Wilkes-Barre	364.0	385.9	367.3	22.7	30.4	34.0	6.2	8.3	9.3
Sharon	52.7	52.7	52.3	2.9	4.0	3.9	5.5	7.5	7.4
State College	87.7	88.8	88.5	3.3	4.1	4.5	4.8	6.0	6.5
Williamsport	59.7	60.1	59.6	4.0	5.2	5.3	6.7	8.8	8.9
York	222.8	224.8	226.4	10.0	14.1	15.4	4.5	6.3	8.8
Rhode Island	519.6	512.9	513.0	38.2	42.0	40.9	7.3	8.2	8.0
Pawtucket-Woonsocket-Attleboro	168.5	160.9	161.2	12.8	14.4	14.5	7.7	8.9	9.0
Providence	342.6	340.7	340.2	24.1	26.8	26.5	7.0	7.9	7.8
South Carolina	1,734.6	1,748.7	1,735.8	89.5	100.0	101.0	4.0	5.7	5.8
Charleston	237.3	244.9	245.0	7.2	10.0	10.5	3.0	4.1	4.3
Columbia	242.4	248.8	248.8	7.8	9.7	10.2	3.2	3.9	4.1
Greenville-Spartanburg	344.3	346.6	342.4	11.9	17.7	16.9	3.5	5.1	4.9
South Dakota	362.5	360.6	364.3	12.4	12.3	12.2	3.4	3.4	3.4
Rapid City	40.1	39.3	40.5	1.3	1.6	1.4	3.3	4.1	3.5
Sioux Falls	75.1	75.9	78.0	1.9	2.0	1.8	2.5	2.6	2.4

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P	May 1990	Apr. 1991	May 1991 ^P
Tennessee	2,399.5	2,407.7	2,410.0	125.6	136.7	157.6	5.2	5.7	6.5
Chattanooga	211.5	212.6	212.6	9.2	11.7	13.4	4.4	5.5	6.3
Johnson City-Kingsport-Bristol	219.3	220.3	220.9	10.7	10.1	11.6	4.9	4.6	5.3
Knoxville	288.9	283.6	284.9	14.3	13.7	16.0	4.9	4.8	5.6
Memphis	472.7	480.0	476.1	22.0	22.4	27.3	4.7	4.7	5.7
Nashville	532.6	537.6	537.6	21.4	22.9	27.6	4.0	4.3	5.1
Texas¹	8,409.7	8,619.0	8,539.7	522.9	594.2	540.2	6.2	6.9	6.3
Ablene	51.2	51.4	50.7	3.2	3.3	3.0	6.2	6.3	5.8
Amarillo	96.6	96.6	95.8	5.2	5.1	4.7	5.4	5.3	4.9
Austin	436.1	446.1	440.9	20.9	21.1	19.5	4.8	4.7	4.4
Beaumont-Port Arthur	164.0	171.6	170.4	12.7	12.2	11.9	7.7	7.1	7.0
Brazoria	87.4	89.2	88.7	4.6	5.2	4.7	5.5	5.8	5.3
Brownsville-Harlingen	105.1	109.7	109.2	12.1	14.8	13.3	11.5	13.5	12.2
Bryan-College Station	61.3	64.0	62.9	2.3	2.2	2.3	3.8	3.5	3.6
Corpus Christi	162.9	169.3	168.2	10.2	13.2	12.5	6.2	7.8	7.4
Dallas	1,422.9	1,456.4	1,442.4	74.2	90.8	82.7	5.2	6.2	5.7
El Paso	250.3	257.1	253.5	26.9	29.0	26.2	10.7	11.3	10.3
Fort Worth-Arlington	729.8	747.6	739.0	41.4	51.9	47.1	5.7	6.9	6.4
Galveston-Texas City	110.4	110.5	110.4	7.9	8.0	7.6	7.1	7.3	6.9
Houston	1,712.9	1,769.4	1,759.8	89.6	99.9	96.8	5.2	5.8	5.5
Killeen-Temple	97.0	97.1	96.5	6.7	7.1	6.3	6.9	7.3	6.5
Laredo	52.4	54.0	52.7	5.3	6.0	4.8	10.2	11.0	9.0
Longview-Marshall	79.7	80.4	79.5	5.5	6.7	6.4	6.9	8.4	8.0
Lubbock	114.4	116.7	116.3	5.3	6.5	6.1	4.6	5.6	5.3
McAllen-Edinburg-Mission	163.9	165.8	158.7	27.7	31.3	24.1	16.9	18.9	15.2
Midland	47.8	48.7	48.1	2.7	2.7	2.5	5.7	5.5	5.2
Odessa	51.1	53.0	52.5	3.1	3.7	3.3	6.1	7.0	6.3
San Angelo	43.8	44.2	43.6	2.7	2.4	2.1	6.2	5.4	4.9
San Antonio	605.0	609.1	605.0	42.4	42.3	39.3	7.0	6.9	6.5
Sherman-Denison	47.5	48.1	47.7	2.5	3.4	3.1	5.3	7.1	6.4
Texarkana	56.6	56.6	56.7	3.6	4.5	4.5	6.4	7.9	8.0
Tyler	73.8	75.2	74.0	4.5	5.3	4.7	6.1	7.0	6.4
Victoria	35.9	36.7	36.7	1.8	1.9	1.8	5.0	5.1	5.0
Waco	92.3	94.9	93.4	5.4	6.4	6.0	5.6	6.8	6.4
Wichita Falls	54.9	56.2	55.5	3.6	4.0	3.8	6.6	7.1	6.6
Utah	783.3	806.3	802.2	36.5	37.1	35.4	4.7	4.8	4.4
Provo-Orem	114.9	122.3	117.3	4.4	4.6	4.4	3.8	3.8	3.7
Salt Lake City-Ogden	504.1	517.0	517.6	22.9	21.9	21.7	4.5	4.2	4.2
Vermont	311.4	301.6	300.4	13.3	22.1	20.9	4.3	7.3	7.0
Burlington	79.3	76.4	76.9	2.2	3.3	3.5	2.8	4.3	4.5
Virginia	3,186.9	3,233.2	3,255.0	127.1	174.9	178.6	4.0	5.4	5.5
Charlottesville	71.0	74.0	72.7	1.7	2.9	3.1	2.4	3.9	4.3
Danville	52.7	53.1	52.9	3.9	6.3	5.5	7.3	11.9	10.4
Lynchburg	74.9	74.6	75.6	3.4	3.6	4.4	4.6	4.8	5.8
Norfolk-Virginia Beach-Newport News	622.6	622.9	625.6	26.1	34.6	35.0	4.5	5.5	5.6
Richmond-Petersburg	456.6	468.6	468.5	17.4	22.1	23.9	3.8	4.7	5.1
Roanoke	123.2	124.5	126.5	4.4	5.2	5.9	3.6	4.2	4.7
Washington	2,495.8	2,501.0	2,490.9	112.5	158.8	147.1	4.5	6.3	5.9
Seattle	1,117.6	1,124.0	1,122.2	36.9	55.3	52.1	3.3	4.9	4.6
West Virginia	775.3	775.5	779.2	58.0	75.2	66.5	7.5	9.7	6.5
Charleston	119.5	119.9	120.7	7.2	8.8	7.9	6.0	7.3	6.6
Huntington-Ashland	132.8	135.8	134.0	9.1	13.1	10.5	6.6	9.7	7.9
Parkersburg-Marietta	71.9	73.0	73.5	4.2	5.5	4.8	5.6	7.6	6.5
Wheeling	72.1	72.1	71.5	4.5	5.6	4.5	6.2	7.8	8.2
Wisconsin	2,564.3	2,544.2	2,562.7	107.9	147.6	137.6	4.2	5.8	5.4
Appleton-Oshkosh-Neenah	172.6	172.3	173.3	6.2	10.1	8.9	4.6	5.9	5.1
Eau Claire	71.9	70.5	71.5	3.1	4.0	3.8	4.4	5.7	5.0
Green Bay	110.0	110.2	110.1	4.3	5.5	5.1	3.9	5.0	4.7
Janesville-Beloit	74.3	73.7	74.0	3.3	7.9	7.5	4.5	10.8	10.1
Kenosha	53.1	53.4	52.9	3.4	3.9	3.2	6.3	7.2	6.1
La Crosse	53.0	51.7	51.6	1.9	2.3	2.2	3.5	4.5	4.2
Madison	224.6	224.0	225.5	5.4	6.4	6.8	2.4	2.9	3.0
Milwaukee	756.1	741.4	744.4	30.2	37.4	36.1	4.0	5.0	4.8
Racine	69.8	68.3	69.7	4.1	6.0	6.1	4.6	6.8	6.8
Sheboygan	57.4	57.5	57.9	2.4	3.6	3.5	4.3	6.3	6.0
Wausau	62.7	63.4	65.0	2.6	3.8	4.4	4.2	5.9	6.6
Wyoming	248.0	243.2	244.8	12.6	12.6	12.2	5.1	5.3	5.0
Casper	32.6	32.3	32.0	1.9	1.8	1.9	5.7	5.5	5.8

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

^P = preliminary.

NOTE: Data refer to place of residence. Estimates for 1990 have been benchmarked to 1990 Current Population Survey annual averages. Except in the

11 States and 2 areas designated by footnote 1, estimates for 1991 are provisional and will be revised when new benchmark information becomes available. Area definitions are published annually in the May issue of this publication.

Explanatory Notes

Introduction

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

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, including such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 60,000 households, representing 729 areas in 1,973 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide industry information on 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 currently based on payroll reports from a sample of over 350,000 establishments employing over 41 million nonfarm wage and salary workers. The data relate to all workers, full or part time, who receive pay during the payroll period which includes the 12th day of the month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

Data from these two sources differ from each other because of differences in definitions and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which

have a differential effect on the levels and trends of the two series are as follows.

Employment

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

Multiple jobholding. The household survey provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

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

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

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by

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

Earnings

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

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

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

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

compensation but are classified as employed rather than unemployed in the household survey.

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

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

COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

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

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

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

Household Data (A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. Historical national data are published in *Labor Force Statistics Derived From the Current Population Survey*, BLS Bulletin 2307.

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

Inmates of institutions and persons under 16 years of age are not covered in the regular monthly enumerations, and are excluded from the population and labor force statistics shown in this publication. Data on the members of the Armed Forces stationed in the United States, who are included as part of the categories "noninstitutional population," "labor force," and "total employment," are obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,600 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 and 5 percent. In addition to the 60,000 occupied units, there are 11,500 sample units in an average month which are visited but found to be vacant or otherwise not enumerated. Part of the sample is changed each month. The rotation plan 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 used since 1967 are as follows:

Employed persons are (a) all civilians who, during the survey week, did any work at all as paid employees, in their own business, profession, or on their own farm, or who worked 15 hours or more as unpaid workers in an enterprise

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

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

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

Unemployed persons are all civilians who had no employment during the survey week, were available for work, except for temporary illness, and had made specific efforts to find employment some time during the prior 4 weeks. Persons who were waiting to be recalled to a job from which they had been laid off or were waiting to report to a new job within 30 days need not be looking for work to be classified as unemployed.

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

Unemployment is also categorized according to the status of individuals at the time they began to look for work. The reasons for unemployment are divided into four major groups. (1) *Job losers* are persons whose employment ended involuntarily who immediately began looking for work, and persons on layoff. (2) *Job leavers* are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) *Reentrants* are persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force prior to beginning to look for work. (4) *New entrants* are persons who never worked at a full-time job lasting 2 weeks or longer. Each of these four categories of the unemployed may be expressed as an unemployment rate or proportion of the entire civilian labor force; the sum of the four rates thus equals the unemployment rate for all civilian workers.

Jobseekers are all unemployed persons who made specific

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

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

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

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

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

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

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

For persons not in the labor force, data on previous work experience, intentions to seek work, desire for a job at the

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

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

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

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

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

Data on employment "at work" differ from data on total employment because they exclude persons in the zero-hours-

worked category, "with a job but not at work." These are persons who were absent from their jobs for the entire week for such reasons as bad weather, vacation, illness, or involvement in a labor dispute.

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

Unemployment rates for full- and part-time workers are calculated using the concepts of the *full- and part-time labor force* which are based on the type of job—full or part time—that persons—whether working or unemployed—report that they want. The "full-time labor force" includes all persons working part time but who desire full-time work, that is, working part time for economic reasons. Thus, this category consists of persons on full-time schedules; all persons involuntarily working part time regardless of their usual status; and unemployed persons seeking full-time jobs. The "part-time labor force" consists of persons working part time voluntarily and unemployed persons seeking part-time work. Employed persons with a job but not at work are distributed according to whether they usually work on full-time or voluntary part-time schedules.

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

White, black, and other are terms used to describe the race of workers. Included in the "other" group are American Indians, Alaskan Natives, and Asians and Pacific Islanders. All tables in this publication which contain racial data, with the exception of A-5 and its annual counterpart, present data for the black population group. Because of their relatively small sample size, data for "other" races are not published. In the enumeration process, race is determined by the household respondent.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent. Persons of Hispanic origin

may be of any race; thus they are included in both the white and black population groups.

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

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

Median earnings indicate the value which divides the earnings distribution into two equal parts, one part having values above the median and the other having values below the median. The medians as shown in this publication are calculated by linear interpolation of the \$50 centered interval within which each median falls.

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

Single, never married; married, spouse present; and other marital status are terms used to define the marital status of individuals at the time of interview. Married, spouse present, applies to husband and wife if both were reported as members of the same household even though one may be temporarily absent on business, vacation, on a visit, in a hospital, etc. Other marital status applies to persons who are married, spouse absent; widowed; or divorced. Married, spouse absent, includes persons who are separated because of marital discord, as well as persons who are living apart because either the husband or the wife was employed and living away from home, serving in the Armed Forces, or had a different place of residence for any reason.

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

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

Family refers to a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family even though they may include a related subfamily, that is, a married couple or a parent-child group related by birth or marriage to the householder and sharing the living quarters. The

count of families used in this publication excludes unrelated subfamilies such as lodgers, guests, or resident employees living in a household but not related to the householder. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

Poverty areas are defined as those census tracts in tracted areas, and Minor Civil Division's (MCD's) in untraced areas, in which 20 percent or more of the noninstitutional residents were poor according to the 1980 decennial census. Persons were classified as poor or nonpoor by comparing money income to a series of poverty income thresholds which vary by family size and number of children. While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas, and conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all Metropolitan Statistical Areas (MSA's) as defined by the Office of Management and Budget (OMB) as of June 30, 1983. These definitions differ from those used in the 1980 decennial census. A detailed discussion of the MSA definitions as well as changes in terminology can be found in "The New Metropolitan Area Definitions" section of the *1980 Census of Population Supplementary Report on Metropolitan Statistical Areas*, PC-S1-18. Nonmetropolitan areas consist of the total territory outside MSA's.

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

HISTORICAL COMPARABILITY

Change in lower age limit

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

Unemployment," *Employment and Earnings and Monthly Report on the Labor Force*, February 1967.

Noncomparability of labor force levels

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

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

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

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

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

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

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

Beginning in January 1983, the first-stage ratio adjustment methodology was updated to account for results obtained from the 1980 census. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of *Employment and Earnings*. There were only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and 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 methodology were revised to reflect an explicit estimate of the number of undocumented immigrants (largely Hispanic) since 1980 and an improved estimate of the number of emigrants among legal foreign-born residents for the same time period. As a result, the total civilian population and labor force estimates were raised by nearly 400,000; civilian employment was increased by about 350,000. The Hispanic-origin civilian population and labor force estimates were raised by about 425,000 and 305,000, respectively, and civilian employment by 270,000. Overall and subgroup unemployment levels and rates were not significantly affected. Because of the magnitude of the adjustments for Hispanics, data have been revised back to January 1980 to the extent possible. An explanation of the changes and their effect on estimates of labor force characteristics appears in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of this publication.

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

Changes in the occupational and industrial classification system

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

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

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

The industrial classification system used in the 1980 census is based on the 1972 Standard Industrial Classification system (SIC), as modified in 1977. The adoption of the new system had much less of an adverse effect on historical comparability than did the new occupational system. The most notable changes from the 1970 system were the transfer of farm equipment stores from "retail" to "wholesale" trade, postal service from "public administration" to "transportation," and some interchange between "professional and related services" and "public administration."

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

Changes in the sample design

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

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

and designed to provide more reliable annual average estimates for States, was incorporated into the design. In October 1978, a coverage improvement sample, composed of approximately 450 sample household units which represented 237,000 occupied mobile homes and 600,000 new construction housing units, was included in computing the estimates in order to provide coverage of mobile homes and new construction units that previously had no chance for selection in the CPS sample selected from the 1970 census frame. In January 1980, another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. Beginning in January 1982, the sample was expanded by 100 households to provide additional coverage in counties added to SMSA's, which were redefined in 1973.

Beginning in 1985, a new State-based CPS sample was selected based on 1980 census information, providing an opportunity to improve the efficiency of the sample design and increase the reliability for State estimates. Sample households are chosen from 729 sample areas, which represent 1,973 geographic areas in the United States. This current number of sample areas is not completely comparable to the old number of sample areas since many of the sample areas have been redefined. (See pp. 7-10 of the May 1984 issue of *Employment and Earnings*, for an overview of these new definitions and the introduction of the new sample.) A sample reduction of about 4,000 households was implemented in April 1988; they were reinstated during the 8-month period, April-November 1989.

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

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The estimation procedure involves weighting the data from each sample person by the inverse of the probability of the person being in the sample. This gives a rough measure of the number of actual persons that the sample person represents. Beginning in 1985, almost all sample persons within the same State have the same probability of selection. These estimates are then adjusted for noninterviews, and the ratio estimation procedure is applied.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was

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

Time period	Number of sample areas	Households eligible		Households visited but not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959	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
Nov. 1989 to present ³	729	57,400	2,600	11,800

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.

obtained because of absence, impassable roads, refusals, or unavailability of the respondents for other reasons. This noninterview adjustment is made separately by combinations of similar sample areas that are not necessarily contained within a State. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each combination of sample areas there is a further breakdown by residence. MSA sample areas are categorized by "central city" and "balance of the MSA." Residence categories of non-MSA areas are "urban" and "rural." The proportion of sample households not interviewed varies from 4 to 5 percent, depending on weather, vacation, etc.

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

a. *First-stage ratio estimate.* In the CPS, a portion of the 729 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The adjustment is made at the State level for each of the 43 States which contains nonsample areas by race cells of black and non-black. The procedure corrects for differences that existed in each cell at the time of the 1980 census between the race distribution of the population in sample areas and the known race distribution of the State.

b. *Second-stage ratio estimate.* In this stage, the sample proportions of persons in specific categories are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio adjustment, which is performed to further reduce variability of the estimates and to correct to some extent for CPS undercoverage relative to the decennial census, is carried out in three steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over. The second step involves an adjustment by Hispanic origin to a national estimate for eight age-sex categories by Hispanic and non-Hispanic. In the third step, a national adjustment is made by the race categories of white, black, and other races to independent estimates by age and sex. The white and black categories contain 38 and 24 age-sex groups respectively; the other races category has 4 age-sex cells. The entire second-stage adjustment procedure is iterated six times, each time beginning at the weights developed the previous time. This ensures that the sample estimates of the population for both State and national age-sex-race-origin categories will be virtually equal to the independent population control totals. This second-stage adjustment procedure incorporates changes instituted in January 1985 and August 1989. The nature and effect of the 1985 changes are discussed in detail in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985" in the February 1985 issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population using the two most recent July 1 estimates, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports, Series P-25*. For a description of the methodology used in developing the State total, see Report 957 of that series. A description of the age

estimates methodology is available in Report 1010 of that series.

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

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

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulations of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population is derived by subtracting the Armed Forces and the institutional population for the estimate date from the total including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national control totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

Beginning in January 1986, two changes were introduced into the estimation of the independent population controls.

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

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

Rounding of estimates

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

Reliability of the estimates

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

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

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

sample households (undercoverage).

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

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

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Compared to the level of the decennial census, undercoverage is about 6 percent. It is known that the CPS undercoverage varies with age, sex, race, and Hispanic origin. Generally, undercoverage is larger for men than for women, and larger for blacks, Hispanics, and other races combined than for whites. Ratio estimation to independent age-sex-race-origin population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race-origin group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

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

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated

standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average of all possible samples.

3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

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

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

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the table may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of

Table B. Standard errors for major employment status categories

(in thousands)

Employment status, sex, age, and race	Standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force	275	212
Employed	293	224
Unemployed	136	140
Men, 20 years and over:		
Civilian labor force	173	151
Employed	186	163
Unemployed	93	95
Women, 20 years and over:		
Civilian labor force	211	155
Employed	212	160
Unemployed	83	87
Both sexes, 16 to 19 years:		
Civilian labor force	88	94
Employed	92	102
Unemployed	59	66
Black, 16 years and over:		
Civilian labor force	94	73
Employed	104	79
Unemployed	68	71
Men, 20 years and over:		
Civilian labor force	59	51
Employed	64	57
Unemployed	44	47
Women, 20 years and over:		
Civilian labor force	76	50
Employed	76	54
Unemployed	45	48
Both sexes, 16 to 19 years:		
Civilian labor force	36	40
Employed	33	38
Unemployed	30	33

change between 2 consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D, F, H, and I to compute approximate standard errors for levels, labor force participation rates, and percentages as pertaining to the year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50, and for the 1956–66 period, they should be multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

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

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 174,000. The 68-percent confidence interval as shown by these data is from 11,826,000 to 12,174,000. Therefore, a conclusion that the average estimate derived from all possible samples

Table C. Standard errors for unemployment rates by major characteristics

Characteristic	Standard error of—		Characteristic	Standard error of—	
	Monthly level	Consecutive-month change		Monthly level	Consecutive-month change
Total (all civilian workers)	0.11	0.12	Occupation—Continued		
Men, 20 years and over .....	.15	.15	Precision production, craft, and repair	0.32	0.36
Women, 20 years and over .....	.16	.17	Machine operators, assemblers, and inspectors .....	.49	.55
Both sexes, 16 to 19 years .....	.67	.81	Transportation and material moving .....	.59	.66
White workers .....	.11	.12	Handlers, equipment cleaners, helpers, and laborers .....	.72	.82
Black workers .....	.51	.54	Farming, forestry, and fishing .....	.68	.76
Married men, spouse present .....	.15	.17	Industry		
Married women, spouse present .....	.19	.21	Nonagricultural private wage and salary workers .....	.12	.13
Full-time workers .....	.12	.12	Mining	1.63	1.86
Part-time workers .....	.34	.42	Construction .....	.65	.75
Unemployed 15 weeks and over .....	.06	.07	Manufacturing .....	.26	.29
Occupation			Durable goods .....	.33	.37
Executive, administrative, and managerial .....	.22	.24	Nondurable goods .....	.42	.47
Professional specialty .....	.19	.21	Transportation, communications, and public utilities .....	.42	.48
Technicians and related support .....	.47	.52	Wholesale and retail trade .....	.27	.30
Sales .....	.29	.33	Finance and services .....	.20	.22
Administrative support, including clerical .....	.23	.26	Government workers .....	.23	.25
Private household	1.18	1.33	Agricultural wage and salary workers	1.16	1.32
Protective service .....	.76	.85			
Service, except private household and protective .....	.39	.43			

lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E, the standard error on a month-to-month change of 400,000, when the monthly level is approximately 12,000,000, is about 129,000.

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are not published when the monthly base is less than 75,000, the quarterly average base is less than 60,000, or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates. Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentage can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base.

The generalized standard error is then calculated by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. Assume that in a given month 2.9 percent of a total of 112,440,000 employed persons are employed in agriculture. The standard error on an estimate of 2.9 percent with a base of 112,440,000 is obtained from table H (0.08 percent). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error on the estimated 2.9 percent is then approximately $0.08 \times 1.26 = 0.10$ percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages. The approximate standard errors of levels, rates, and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages, and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or

Table D. Standard errors for estimates of monthly level

(in thousands)

Estimated monthly level	Characteristic ¹								
	Agricultural employment	Unemployment		Labor force data other than agricultural employment and unemployment					
		Total or white	Black	Total or white	Black	Total or white, 16 to 19 years	Black, 16 to 19 years	Total or white men only, or women only	Black men only, or women only
50	15	11	12	12	12	12	12	11	10
100	21	16	17	17	17	17	16	15	14
500	47	36	38	37	37	36	32	34	31
1,000	66	51	53	52	51	50	35	49	43
2,000	93	72	73	74	70	68	-	68	58
4,000	131	101	97	104	92	86	-	95	73
6,000	159	123	110	126	104	92	-	115	76
8,000	182	141	116	145	109	88	-	132	69
10,000	202	156	-	161	108	72	-	145	47
15,000	-	188	-	193	74	-	-	172	-
20,000	-	213	-	219	-	-	-	191	-
30,000	-	-	-	259	-	-	-	215	-
40,000	-	-	-	286	-	-	-	225	-
50,000	-	-	-	306	-	-	-	222	-
60,000	-	-	-	319	-	-	-	206	-
70,000	-	-	-	326	-	-	-	172	-
80,000	-	-	-	327	-	-	-	107	-
100,000	-	-	-	314	-	-	-	-	-
120,000	-	-	-	274	-	-	-	-	-
140,000	-	-	-	195	-	-	-	-	-

¹ When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the standard error

of the estimated number of employed persons age 20 to 54 years, use the column for total employed.

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

(in thousands)

Estimated monthly level	Characteristic ¹							
	Unemployment				Labor force data other than unemployment and agricultural employment			
	Total or white	Both sexes 16 to 19 years, or part-time labor force ²	Black	Black, 16 to 19 years	Total or white	Black	Total or white, 16 to 19 years	Black, 16 to 19 years
50	13	14	13	14	9	9	14	14
100	18	20	19	20	12	12	20	19
500	40	45	41	38	27	27	43	37
1,000	56	63	57	41	39	38	59	39
2,000	78	89	76	-	55	52	80	-
4,000	108	124	95	-	77	68	100	-
6,000	129	150	99	-	93	78	104	-
8,000	144	-	89	-	107	82	94	-
10,000	157	-	58	-	119	81	65	-
15,000	177	-	-	-	143	59	-	-
20,000	184	-	-	-	163	-	-	-
30,000	-	-	-	-	192	-	-	-
40,000	-	-	-	-	213	-	-	-
50,000	-	-	-	-	228	-	-	-
60,000	-	-	-	-	238	-	-	-
70,000	-	-	-	-	244	-	-	-
80,000	-	-	-	-	245	-	-	-
100,000	-	-	-	-	237	-	-	-
120,000	-	-	-	-	212	-	-	-
140,000	-	-	-	-	160	-	-	-

¹ See footnote 1, table D.

² Part-time labor force for unemployment also includes persons reentering

the labor force, persons who left their last job, and persons by duration of unemployment.

percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate, or percentage, find the standard error of this estimate. For an estimate of change in level, rate, or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. Suppose that one is interested in the year-to-year change of a monthly unemployment rate. Assume that for a certain month the unemployment rate is 6.2 percent, based on a total of 119,865,000 in the civilian labor force, and that a year prior to this the unemployment rate was 7.0 percent, based on a total of 117,834,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.6 percent with a base of 118,850,000, is obtained from table F (0.11 percentage point). The appropriate factor, then, from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by 0.11 x 1.40 = 0.15 percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

Standard error of year-to-year change =

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

X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are 0.30 for persons (total, white, and black) and 0.35 for families (total, white, and black). The respective values for estimates of Hispanics are 0.45 and 0.55.

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

$$\sqrt{(216,000)^2 + (221,000)^2 - 2(0.30)(216,000)(221,000)},$$

or about 259,000.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.28	3.20	4.98	6.85	8.13	9.09	9.82	10.36	10.75	11.12
100	1.61	2.26	3.52	4.84	5.75	6.43	6.94	7.33	7.60	7.87
500	.72	1.01	1.58	2.16	2.57	2.88	3.11	3.28	3.40	3.52
1,000	.51	.72	1.11	1.53	1.82	2.03	2.20	2.32	2.40	2.49
2,000	.36	.51	.79	1.08	1.29	1.44	1.55	1.64	1.70	1.76
4,000	.25	.36	.56	.77	.91	1.02	1.10	1.16	1.20	1.24
6,000	.21	.29	.45	.62	.74	.83	.90	.95	.98	1.02
10,000	.16	.23	.35	.48	.58	.64	.69	.73	.76	.79
20,000	.11	.16	.25	.34	.41	.45	.49	.52	.54	.56
60,000	.07	.09	.14	.20	.24	.26	.28	.30	.31	.32
100,000	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
120,000	.05	.07	.10	.14	.17	.19	.20	.21	.22	.23
140,000	.04	.06	.09	.13	.15	.17	.19	.20	.21	.21

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

Monthly base of unemployment rate (in thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.53	3.57	5.60	7.83	9.47	10.79	11.91	12.87	13.71	15.67
100	1.79	2.52	3.96	5.53	6.69	7.63	8.42	9.10	9.69	11.08
500	.80	1.13	1.77	2.47	2.99	3.41	3.76	4.06	4.33	4.94
1,000	.57	.80	1.25	1.75	2.11	2.41	2.65	2.87	3.05	3.48
2,000	.40	.56	.88	1.23	1.49	1.70	1.87	2.02	2.15	2.44
4,000	.28	.40	.63	.87	1.05	1.20	1.32	1.42	1.51	1.70
6,000	.23	.33	.51	.71	.86	.97	1.07	1.15	1.22	1.37
10,000	.18	.25	.39	.55	.66	.75	.82	.88	.93	1.03
20,000	.13	.18	.28	.38	.46	.51	.56	.60	.62	-
60,000	.07	.10	.16	.21	.24	.27	.28	-	-	-
100,000	.06	.08	.12	.15	.17	.18	-	-	-	-
120,000	.05	.07	.11	.14	.15	-	-	-	-	-
140,000	.05	.07	.10	-	-	-	-	-	-	-

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

Monthly base of percentages (in thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.34	3.29	5.12	7.05	8.39	9.40	10.18	10.77	11.21	11.75
100	1.65	2.33	3.62	4.99	5.94	6.65	7.20	7.62	7.93	8.31
500	.74	1.04	1.62	2.23	2.65	2.97	3.22	3.41	3.55	3.72
1,000	.52	.74	1.15	1.58	1.88	2.10	2.28	2.41	2.51	2.63
2,000	.37	.52	.81	1.12	1.33	1.49	1.61	1.70	1.77	1.86
4,000	.26	.37	.57	.79	.94	1.05	1.14	1.20	1.25	1.31
6,000	.21	.30	.47	.64	.77	.86	.93	.98	1.02	1.07
10,000	.17	.23	.36	.50	.59	.66	.72	.76	.79	.83
20,000	.12	.16	.26	.35	.42	.47	.51	.54	.56	.59
40,000	.08	.12	.18	.25	.30	.33	.36	.38	.40	.42
60,000	.07	.10	.15	.20	.24	.27	.29	.31	.32	.34
80,000	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
100,000	.05	.07	.11	.16	.19	.21	.23	.24	.25	.26
120,000	.05	.07	.10	.14	.17	.19	.21	.22	.23	.24
140,000	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22
160,000	.04	.06	.09	.12	.15	.17	.18	.19	.20	.21

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

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

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

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

Characteristic	Factor				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or men	1.30	0.89	0.80	0.72	0.70
Women or teenagers (16 to 19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment and unemployment:					
Total or white	1.30	.88	.88	.67	.70
Black or teenagers (16 to 19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.60
Unemployment:					
Total	1.40	.76	.88	.50	.65
Part time	1.40	.69	.88	.39	.54

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

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Men			Women		
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	68	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	64	127	88
10,000	149	165	102	144	157	155	-	145	-
15,000	180	198	102	187	183	179	-	173	-
20,000	205	224	-	192	199	193	-	195	-
25,000	226	244	-	207	209	199	-	211	-
30,000	224	261	-	219	212	198	-	224	-
40,000	273	286	-	233	201	174	-	242	-
50,000	296	301	-	-	160	100	-	249	-
75,000	331	304	-	-	160	-	-	-	-
100,000	343	255	-	-	-	-	-	-	-

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

COLLECTION

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

Federal-State cooperation

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

Shuttle schedules

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

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

CONCEPTS

Industrial classification

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

industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation (beginning with August 1990 data) and for States and areas (beginning with January 1990 data) are classified in accordance with the *1987 Standard Industrial Classification (SIC) Manual*, Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sector.

Industry employment

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

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

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

Indexes of diffusion of employment change (table B-7). These indexes measure the dispersion among industries of the change in employment over the specified time span. Beginning with August 1990 data, the overall indexes are calculated from 356 seasonally adjusted employment series (three-digit industries) covering all nonfarm payroll employment in the private sector. The manufacturing diffusion indexes are based on 139 three-digit industries.

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

The reference point for diffusion analysis is 50 percent, the value which indicates that the same number of component

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

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

Industry hours and earnings

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

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

Construction workers include the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of construction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

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

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of

any kind, e.g., for old-age and unemployment insurance, Group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacation, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

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

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

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

Indexes of aggregate weekly hours. The indexes of aggregate weekly hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1982. For basic industries, the hours aggregates are the product of average weekly hours and production worker or nonsupervisory worker employment. At all higher levels of industry aggregation, hours aggregates are the sum of the component aggregates.

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

Since overtime hours are premium hours by definition, weekly hours and overtime hours do not necessarily move in the same direction from month to month. Such factors as work stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on average hours. Diverse trends at the industry group level also may be caused by a marked change in hours for a component

industry where little or no overtime was worked in both the previous and current months.

Average hourly earnings. Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

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

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

For each sample establishment in SIC 3721 and SIC 3761 covered by a lump-sum agreement, the reported payroll data are adjusted to include a prorated portion of the lump-sum payment. Such payments are generally made once a year and cover the following 12-month period. In order to spread the payment across this time period, a prorated portion of the payment is added to the payroll each month. This prorated portion is adjusted by an exit rate to reduce the lump-sum amount to account for persons who received the payment but left before the payment allocation period expired.

Average hourly earnings, excluding overtime. Average hourly earnings, excluding overtime premium pay are computed by dividing the total production worker payroll for the industry group by the sum of total production worker hours and one-half of total overtime hours. No adjustments are made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Railroad hours and earnings. The figures for Class I railroads (excluding switching and terminal companies) are based on

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

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

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

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

ESTIMATING METHODS

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

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current-month employment to that of the previous month is computed. This is called a "link relative." The estimates of employment (all employees, including production and non-production workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, bias correction factors are applied to most employment estimates each month. The size of the bias correction factors is determined from past benchmark comparisons. Beginning with data for April 1983, these factors are modified by changes in the

sample link relatives for the most recent quarter. Other features of the general procedures are described in table L.

a size stratum, a region stratum, or a size stratum of a region within an industry.

Size and regional stratification

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

Benchmark adjustments

Employment estimates are compared periodically with benchmarks (comprehensive counts of employment) for the various nonfarm industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1989 levels. Benchmark adjustments are made annually.

The primary sources of benchmark information are

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

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

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

² The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are modified by

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

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

The estimates for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made at the time of the March 1990 benchmark adjustment is shown in table M.

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

THE SAMPLE

Design

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

Table M. Comparison of nonfarm employment benchmarks and estimates for March 1990

(Numbers in thousands)

Industry	Benchmark	Estimate	Difference	
			Level	Percent
Total	109,114	109,343	-229	-0.2
Mining	692	715	-23	-3.3
Construction	4,865	4,906	-41	-.8
Manufacturing	19,160	19,109	51	.3
Transportation and public utilities	5,735	5,750	-15	-.3
Wholesale trade	6,167	6,326	-159	-2.6
Retail trade	19,302	19,361	-59	-.3
Finance, insurance, and real estate	6,681	6,774	-93	-1.4
Services	27,944	27,866	78	.3
Government	18,568	18,536	32	.2

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

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

Coverage

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

Reliability

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

Table N. Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 1990

Industry	Benchmarks (thousands)	Sample coverage ¹		
		Number of establishments	Employees	
			Number (thousands)	Percent of benchmarks
Total	109,114	289,390	40,714	37
Mining	692	3,314	279	40
Construction	4,865	26,593	963	20
Manufacturing	19,160	52,304	9,236	48
Transportation and public utilities	5,735	214,686	22,370	41
Wholesale trade	6,167	25,029	1,153	19
Retail trade	19,302	57,331	4,214	22
Finance, insurance, and real estate	6,681	21,395	2,110	32
Services	27,944	66,947	6,506	23
Government:				
Federal	3,082	(³)	3,082	100
State	4,386	5,175	3,498	80
Local	11,100	16,616	7,303	66

¹ Counts reflect reports used in final estimates. Since not all establishments report payroll and hours information, hours and earnings estimates are based on a smaller sample than employment estimates.

² The Interstate Commerce Commission provides a complete count of employment for Class I railroads. A small sample is used to estimate hours and earnings data.

³ Total Federal employment counts by agency for use in national estimates are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 6,000 reports covering about 58 percent of employment in Federal establishments.

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

Industry	Average benchmark revision in employment estimates ¹	Relative error ²	
		Average weekly hours	Average hourly earnings
Total	0.2	-	-
Total private .....	.3	0.1	0.2
Mining	2.6	1.0	1.3
Construction	1.3	.2	.5
Manufacturing .....	.7	.1	.2
Durable goods .....	.6	.1	.3
Nondurable goods .....	.9	.1	.2
Transportation and public utilities .....	.6	.7	.6
Wholesale trade	1.5	.2	.4
Retail trade .....	.5	.2	.4
Finance, insurance, and real estate .....	.6	.2	.4
Services .....	.4	.4	.6
Government ³ .....	.3	-	-

¹ The average percent revision in employment for the 1986-90 benchmarks.

² Relative errors relate to 1982 data.

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

response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes

in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Table O presents the average percent revisions of the five most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

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

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates:

$$RMSE = \sqrt{(standard\ deviation)^2 + (bias)^2}$$

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

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

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table Q presents root-mean-square errors of

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

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

¹ Assuming 12-month intervals between benchmark revisions.

² Relative errors relate to 1982 data.

the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Defini-

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

Table Q. Errors of preliminary employment estimates

Industry	Root-mean-square error of—		Industry	Root-mean-square error of—	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Total	77,500	78,300	Nondurable goods—Continued		
Total private	60,600	58,900	Printing and publishing	2,000	1,900
Goods-producing industries	20,700	20,900	Chemicals and allied products ..	2,600	2,800
Mining	3,400	3,000	Petroleum and coal products ..	1,200	1,100
Oil and gas extraction	2,800	2,500	Rubber and misc. plastics		
Construction	12,800	13,600	products	1,600	1,600
General building contractors ..	5,300	5,500	Leather and leather products ..	1,300	1,200
Manufacturing	14,100	14,400	Service-producing industries	70,600	69,600
Durable goods	12,200	11,600	Transportation and public utilities ..	12,800	11,800
Lumber and wood products ..	2,100	1,900	Transportation	10,500	9,000
Furniture and fixtures	1,500	1,400	Communications and public utilities	5,000	4,500
Stone, clay, and glass products ..	1,400	1,400	Wholesale trade	7,200	6,200
Primary metal industries	3,800	3,300	Durable goods	5,000	4,200
Blast furnaces and basic			Nondurable goods	4,500	3,900
steel products	2,600	2,300	Retail trade	34,300	28,600
Fabricated metal products	2,200	2,100	General merchandise stores	20,700	18,500
Industrial machinery			Food stores	6,300	5,500
and equipment	3,900	3,300	Automotive dealers and		
Electronic and other			service stations	4,200	5,000
electrical equipment	4,100	3,800	Eating and drinking places	8,200	6,400
Transportation equipment	6,800	6,600	Finance, insurance, and real estate ..	7,500	6,400
Motor vehicles and equipment ..	5,700	6,100	Finance	4,300	3,900
Instruments and related products	2,000	2,100	Insurance	3,600	3,100
Miscellaneous manufacturing	1,700	1,600	Real estate	4,000	3,600
Nondurable goods	7,500	7,600	Services	31,300	32,800
Food and kindred products	5,100	4,800	Business services	12,100	11,800
Tobacco products	1,000	900	Health services	8,200	7,900
Textile mill products	1,900	1,700	Government	54,200	48,000
Apparel and other textile			Federal	17,500	14,000
products	3,300	3,300	State	20,700	17,200
Paper and allied products	1,700	1,500	Local	36,300	36,800

NOTE: Errors are based on differences from January 1985 through December 1990. Data used in the computations for several industries are not strictly comparable due to changes in the industrial classification system.

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

COLLECTION

Productivity data are compiled by the Bureau of Labor Statistics from establishment and household survey labor input data and from measures of compensation and output supplied by the U.S. Department of Commerce and the Federal Reserve Board.

CONCEPTS

Hours of wage and salary workers in nonagricultural establishments (table C-9) refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers. For productivity and cost measures (tables C-10, 11), hours of all persons include hours of employees, proprietors, and unpaid family workers. Labor input is measured by hours at the work site.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of all persons (productivity) measure changes in the volume of goods and services produced per hour at work.

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

Real compensation per hour is compensation per hour adjusted by the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour.

Unit nonlabor payments include profits, capital consump-

tion allowances, interest, rental income of persons, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current-dollar gross product originating in the sector and dividing by output. In these tables, *unit nonlabor costs* contain all the components of unit nonlabor payments except unit profits.

Unit profits include corporate profits and inventory valuation and capital consumption adjustments per unit of output.

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

NOTES ON THE DATA

For the business sector and the nonfarm business sector, these indexes relate to the gross domestic product less general government, households and institutions, owner-occupied housing, and the statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business. All measures are seasonally adjusted.

Manufacturing output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis.

Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics. Historical statistics for most productivity measures appear in *Trends in Multifactor Productivity, 1948-81*, BLS Bulletin 2178. Additional information may be obtained from the Office of Productivity and Technology (202-523-9261).

State and Area Labor Force Data (D table)

FEDERAL-STATE COOPERATIVE PROGRAM

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

Annual average data for the States and areas shown in table

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

Labor force 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 2,600 labor market areas. The estimation methods are described below for States (and the District of Columbia) and for sub-State areas. 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. The civilian labor force and unemployment estimates for the 11 largest States—California, Florida, Illinois, Massachusetts, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, and Texas—are sufficiently reliable to be taken directly from the Current Population Survey (CPS) on a monthly basis. These are termed "direct-use States." For a description of the CPS concepts, see "Household Data," above.

For the 39 smaller States and the District of Columbia, which do not use the CPS directly each month, regression models (sets of equations) are used to develop employment and unemployment estimates. These, then, are the "non-direct-use" States. 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 CPS, the Current Employment Statistics (CES) survey, and the unemployment insurance (UI) system. When the estimation procedures were introduced in 1989, over 10 years of data were used to develop the equations for each State. While all the State models have important variables in common, they differ somewhat from one another so as to better reflect individual State characteristics.

Two models—one for employment and one for the unemployment rate—are used for each State. The unemployment rate, rather than the unemployment level, is modeled, primarily because the rate is usually more meaningful for economic analysis.

The employment models use the CES estimates of nonfarm wage and salary jobs and also include data for employed persons not covered or only partially covered by the CES survey. Typically, these are agricultural workers, the self-employed, unpaid family workers, and private household workers.

The unemployment rate models also include different types of data. Data for UI claimants (without earnings due to employment) are used to represent most of the experienced unemployed. The models also include an employment-to-population ratio which reflects both the business cycle and the experienced unemployed not covered by the UI claims data. New entrants and reentrants into the labor force are also reflected in the models. For some States, the models include variables which reflect seasonal factors not reflected in the other data used, such as the large increase in the labor force at the end of the school year.

In both the employment 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 models are termed "variable coefficient models" because they include 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, the unemployment level and labor force estimates are calculated.

Benchmark correction procedures. Once each year, monthly estimates for the 39 non-direct-use States and the District of Columbia are adjusted, or benchmarked, by BLS to the annual average CPS estimates. The benchmarking technique employs a procedure (called the Denton method) which adjusts the annual average of the models to equal the CPS annual average, while preserving, as much as possible, the original monthly seasonal pattern of the model estimates.

In the 11 direct-use States, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal the CPS annual averages.

Estimates for sub-State areas

Monthly labor force and employment estimates for two large sub-State areas—New York City and the Los Angeles-Long Beach metropolitan area—are obtained directly from the CPS. Estimates for all other sub-State areas, more than 2,600 labor market areas (LMA's), are prepared through indirect estimation techniques, described below.

Preliminary estimate—employment. The total civilian employment estimates are based 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 for several categories of employment on the basis of employment relationships at the time of the 1980 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—agriculture, 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 three categories: (1) persons who were previously employed in industries covered by State UI laws; (2) those previously employed in industries not covered by these laws; and (3) those who were entering the civilian labor force for the first time or reentering after a period of separation.

Sub-State adjustment for additivity. Estimates of employment and unemployment are prepared for the State and LMA's within the State. The LMA estimates geographically exhaust the entire State. Thus, a proportional adjustment must be applied to all sub-State LMA estimates to ensure that they add to the independently estimated State totals for employment and unemployment.

Benchmark correction. At the end of each year, sub-State estimates are revised. The revisions incorporate any changes in the inputs, such as revisions in the CES-based employment figures, corrections in claims counts, and updated historical

relationships. The corrected estimates are then readjusted 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, since they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment-based data are published monthly in *Employment and Earnings*.

Since January 1980, national labor force data have been seasonally adjusted with a procedure called *X-11 ARIMA* (Auto-Regressive Integrated Moving Average), which was developed at Statistics Canada as an extension of the standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method* by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, January 1983.

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 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.

All labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (men and women under and over 20 years of age)

are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. The seasonally adjusted figure for the labor force is a sum of eight seasonally adjusted civilian employment components, plus the resident Armed Forces total (not adjusted for seasonality), and four seasonally adjusted unemployment components; the total for unemployment is the sum of the four unemployment components; and the overall unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force. Because of the independent seasonal adjustment of various series, components will not necessarily add to totals.

Revised seasonally adjusted data for selected labor force series based on the experience through December, new seasonal adjustment factors to be used to calculate the civilian unemployment rate for the first 6 months of the following year, and a description of the current seasonal adjustment procedure are published in each January issue of *Employment and Earnings*. Revised seasonally adjusted data covering the revision period for a broader range of labor force series are published in the February issue of this publication.

Since the early 1980's, the BLS has also used the X-11 ARIMA procedure to seasonally adjust establishment-based employment, hours, and earnings data. The X-11 ARIMA program has been run once each year after benchmarking and seasonal adjustment factors have been projected and published for 12 months ahead (April-March). Beginning in June 1989, with the introduction of the March 1988 benchmarks, the Bureau introduced a modification to this procedure to parallel that used in seasonally adjusting household survey data. Projected seasonal adjustment factors are calculated and published twice a year. Revisions of historical data will continue to be made once a year, coincident with benchmark revisions.

All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series.

Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and

multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1982 annual average base. For total private, total goods-producing, total private service-producing, and major industry divisions, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1982 annual average base.

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

Seasonal adjustment factors for Federal Government employment are derived from unadjusted data which include Christmas temporary workers employed by the Postal Service. The number of temporary census workers for the

decennial census, however, are removed prior to the calculation of seasonal adjustment factors.

BLS has developed an extension of X-11 ARIMA to allow it to adjust more adequately for the effects of the presence or absence of religious holidays in the April survey reference period and of Labor Day in the September reference period. This extension was applied for the first time at the end of 1989 to three persons-at-work labor force series which tested as having significant and well-defined effects in their April data associated with the timing of Easter. This extension was also used for the seasonal adjustment of many of the establishment-based series on average weekly hours and manufacturing overtime hours, starting with the computation of the projected factors for the period beginning in April 1990.

Revised seasonally adjusted establishment-based series based on the experience through March 1991, new seasonal adjustment factors for May-October 1991, and a description of the current seasonal adjustment procedure appear in the June 1991 issue of *Employment and Earnings*.

**U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics**

Regional Office	Cooperating State Agencies	
	Current Employment Statistics (CES) and State and Local Area Unemployment Statistics (LAUS) Programs	
	BLS Region	BLS Region
REGION I—BOSTON 1 Congress Street 10th Floor Boston, MA 02114 Phone: (617) 565-2327	IV ALABAMA Department of Industrial Relations, Room 427, Industrial Relations Bldg., Montgomery 36130	VIII MONTANA Department of Labor and Industry, P.O. Box 1728, Helena 59624
REGION II—NEW YORK Room 808 201 Varick Street New York, NY 10014 Phone: (212) 337-2400	X ALASKA Department of Labor, Research and Analysis Section, 1111 West 8th St., Juneau 99802-5501	VII NEBRASKA Department of Labor, P.O. Box 94600, Lincoln 68509-4600
REGION III—PHILADELPHIA 3535 Market Street P.O. Box 13309 Philadelphia, PA 19101 Phone: (215) 596-1154	IX ARIZONA Department of Economic Security, 1300 West Washington St., Phoenix 85005	IX NEVADA Employment Security Department, 500 East 3rd St., Carson City 89713
REGION IV—ATLANTA Suite 540 1371 Peachtree Street, NE. Atlanta, GA 30367 Phone: (404) 347-4416	VI ARKANSAS Department of Labor, Research and Statistics Section, Capitol Mall, Little Rock 72203-2981	I NEW HAMPSHIRE Department of Employment Security, 32 South Main St., Concord 03301
REGION V—CHICAGO 9th Floor 230 South Dearborn Street Chicago, IL 60604 Phone: (312) 353-1880	IX CALIFORNIA Employment Development Department, Employment Data and Research Division, 7000 Franklin Blvd., Bldg. 1100, Sacramento 95823	II NEW JERSEY Department of Labor, Division of Planning and Research, P.O. Box 2765, Trenton 08625
REGION VI—DALLAS Room 221 Federal Building 525 Griffin Street Dallas, TX 75202 Phone: (214) 767-6970	VIII COLORADO Department of Labor and Employment, Suite 801, 1120 Lincoln Street, Denver 80203	VI NEW MEXICO Employment Security Commission, 401 Broadway, TIWA Bldg., Albuquerque 87103
REGIONS VII and VIII—KANSAS CITY 15th Floor 911 Walnut Street Kansas City, MO 64106 Phone: (816) 426-2481	I CONNECTICUT Labor Department, Employment Security Division, 200 Folly Brook Blvd., Wethersfield 06109	II NEW YORK Department of Labor, Division of Research and Statistics, State Campus, Room 400, Bldg. 12, Albany 12240-0020
REGIONS IX and X—SAN FRANCISCO 71 Stevenson Street P.O. Box 193766 San Francisco, CA 94119 Phone: (415) 744-6600	III DELAWARE Department of Labor, Office of Occupational and Labor Market Information, P.O. Box 9029, Newark 19714-9029	IV NORTH CAROLINA Employment Security Commission, Labor Market Information Division, P.O. Box 25903, Raleigh 27611
	III DIST. OF COL. Department of Employment Services, Division of Labor Market Information and Analysis, Room 201, 500 C St., NW., Washington, DC 20001	VIII NORTH DAKOTA Job Service, P.O. Box 1537, Bismarck 58502
	IV FLORIDA Florida Department of Labor and Employment Security, Bureau of Labor Market Information, Suite 203, 2574 Seagate Dr., Tallahassee 32399-0674	V OHIO Bureau of Employment Services, Labor Market Information Division, 1160 Dublin Rd., Columbus 43215
	IV GEORGIA Department of Labor, Labor Information Systems, 148 International Blvd., NE., Atlanta 30303	VI OKLAHOMA Employment Security Commission, Research and Planning Division, 2401 North Lincoln, Oklahoma City 73105
	IX HAWAII Department of Labor and Industrial Relations, Research and Statistics Office, Room 304, 830 Punchbowl St., Honolulu 96813	X OREGON Employment Division, 875 Union St., NE., Salem 97311
	X IDAHO Department of Employment, 317 Main St., Boise 83735	III PENNSYLVANIA Department of Labor and Industry, Research and Statistics Division, Room 1216, 7th and Forster Sts., Harrisburg 17121
	V ILLINOIS Department of Employment Security, (2 South), 401 South State St., Chicago 60605	II PUERTO RICO Department of Labor and Human Resources, Bureau of Labor Statistics, 17th Fl., 505 Munoz Rivera Avenue, Hato Rey 00918 (CES), Bureau of Employment Security, Research and Analysis Section, 15th Fl., 505 Munoz Rivera Avenue, Hato Rey 00918 (LAUS)
	V INDIANA Department of Employment and Training Services, Statistical Services Division, 10 North Senate Avenue, Indianapolis 46204	I RHODE ISLAND Department of Employment Security, 24 Mason St., Providence 02903
	VII IOWA Department of Employment Services, 1000 East Grand Avenue, Des Moines 50319	IV SOUTH CAROLINA Employment Security Commission, Labor Market Information Division, P.O. Box 995, Columbia 29202
	VII KANSAS Department of Human Resources, 401 Topeka Avenue, Topeka 66603	VIII SOUTH DAKOTA Department of Labor, Labor Market Information Center, P.O. Box 4730, Aberdeen 57401
	IV KENTUCKY Department for Employment Services, Labor Market Research and Analysis Branch, 275 East Main St., Frankfort 40621	IV TENNESSEE Department of Employment Security, Research and Statistics Division, 519 Cordell Hull Office Bldg., Nashville 37219
	VI LOUISIANA Department of Labor, Research and Statistics Section, 1001 North 23rd St., Baton Rouge 70804-9094	VI TEXAS Employment Commission, Room 208-T, 1117 Trinity St., Austin 78778
	I MAINE Department of Labor, Division of Economic Analysis and Research, 20 Union St., Augusta 04330	VIII UTAH Department of Employment Security, Labor Market Information Services, P.O. Box 11249, Salt Lake City 84147
	III MARYLAND Department of Employment and Training, Research and Analysis Division, 1100 North Eutaw St., Baltimore 21201	I VERMONT Department of Employment and Training, Office of Policy and Public Information, P.O. Box 488, Montpelier 05602
	I MASSACHUSETTS Department of Employment and Training, Government Center, Charles F. Hurley Bldg., Boston 02114	III VIRGINIA Employment Commission, Economic Information Services, P.O. Box 1358, Richmond 23211
	V MICHIGAN Employment Security Commission, Research and Statistics Division, Room 516, 7310 Woodward Avenue, Detroit 48202	II VIRGIN ISLANDS Department of Labor, Bureau of Labor Statistics, 53-A, 54-A&B Kronprindsens Gade Charlotte Amalie, St. Thomas 00801-3359 (CES)
	V MINNESOTA Department of Jobs and Training, Research and Statistics Division, 5th Fl., 390 North Robert St., St. Paul 55101	X WASHINGTON Employment Security Department, Labor Market and Economic Analysis Branch, 605 Woodview Dr., Olympia 98503
	IV MISSISSIPPI Employment Security Commission, Labor Market Information Division, P.O. Box 1699, Jackson 39215-1699	III WEST VIRGINIA Department of Employment Security, Division of Labor and Economic Security, 112 California Avenue, Charleston 25305
	VII MISSOURI Division of Employment Security, P.O. Box 59, Jefferson City 65104	V WISCONSIN Department of Industry, Labor, and Human Relations, Labor Market Information Bureau, 201 East Washington Avenue, Madison 53707
		VIII WYOMING Employment Security Commission, Research and Analysis Section, P.O. Box 2760, Casper 82602